



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

May 2021





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

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

BC Centre for Excellence in HIV/AIDS Drug Treatment Program

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

Tel: 604.806.8515
Fax: 604.806.9044

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

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





EXECUTIVE SUMMARY

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

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

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





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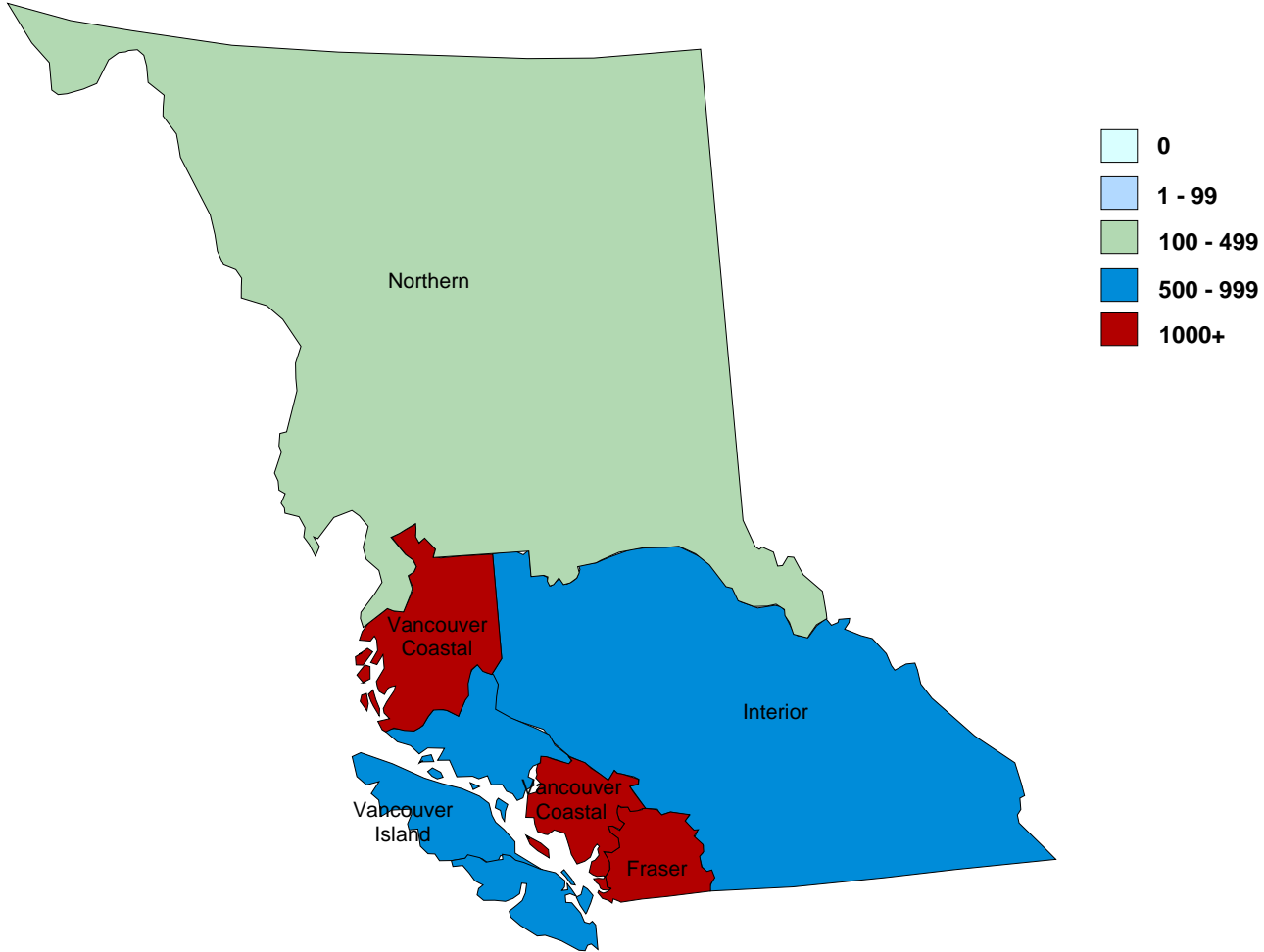




1.1 Distribution of men and women on antiretroviral therapy in British Columbia by Health Authority

May 2021

N = 7466



Health Authority	Male	Female	All
FRASER	1469	452	1921
INTERIOR	437	104	541
NORTHERN	131	82	213
VANCOUVER COASTAL	3360	446	3806
VANCOUVER ISLAND	793	164	957
	6190	1248	7438
		Unknown/not stated:	28
		Total:	7466

Definitions:

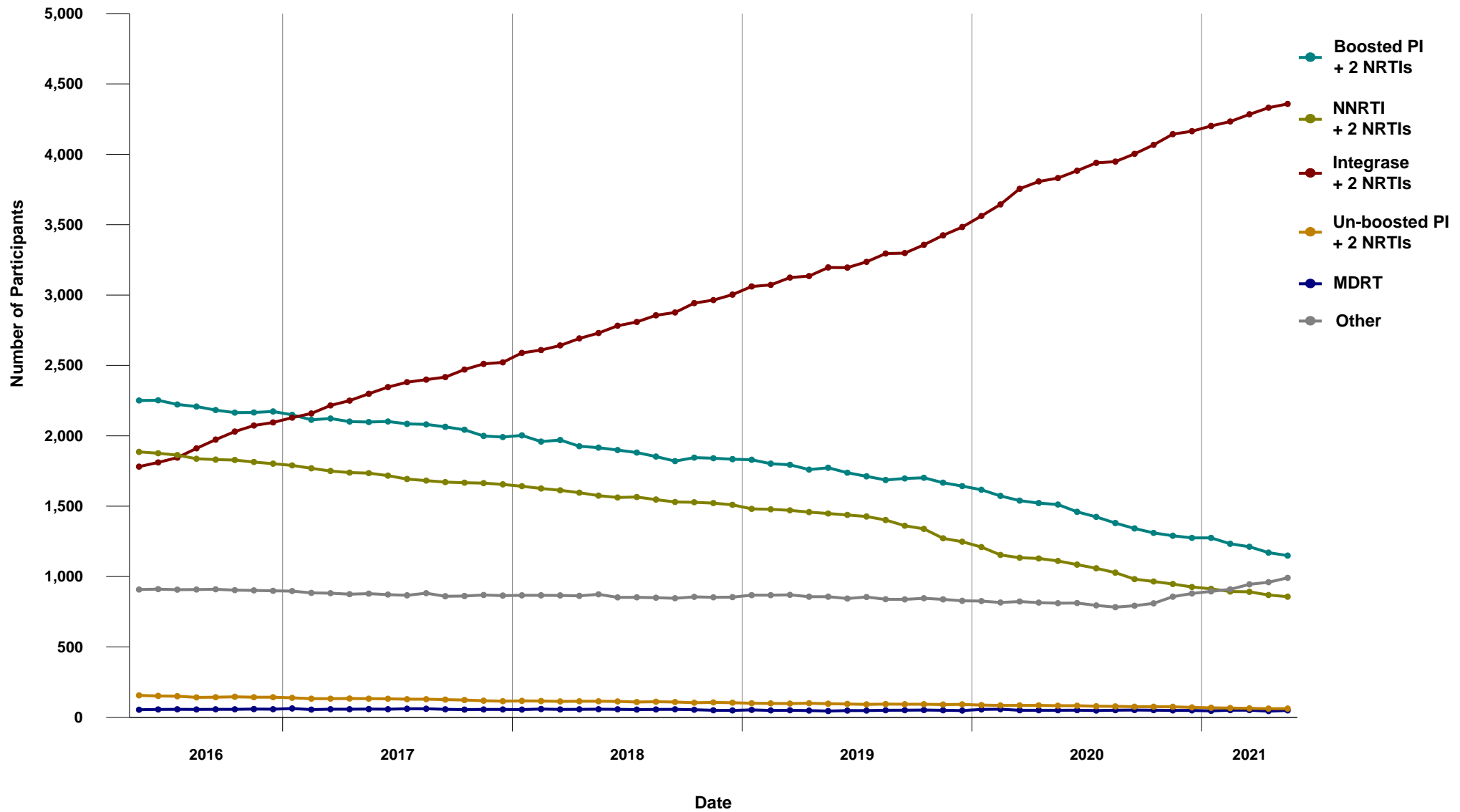
On antiretroviral therapy defined as being on treatment in the current month

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



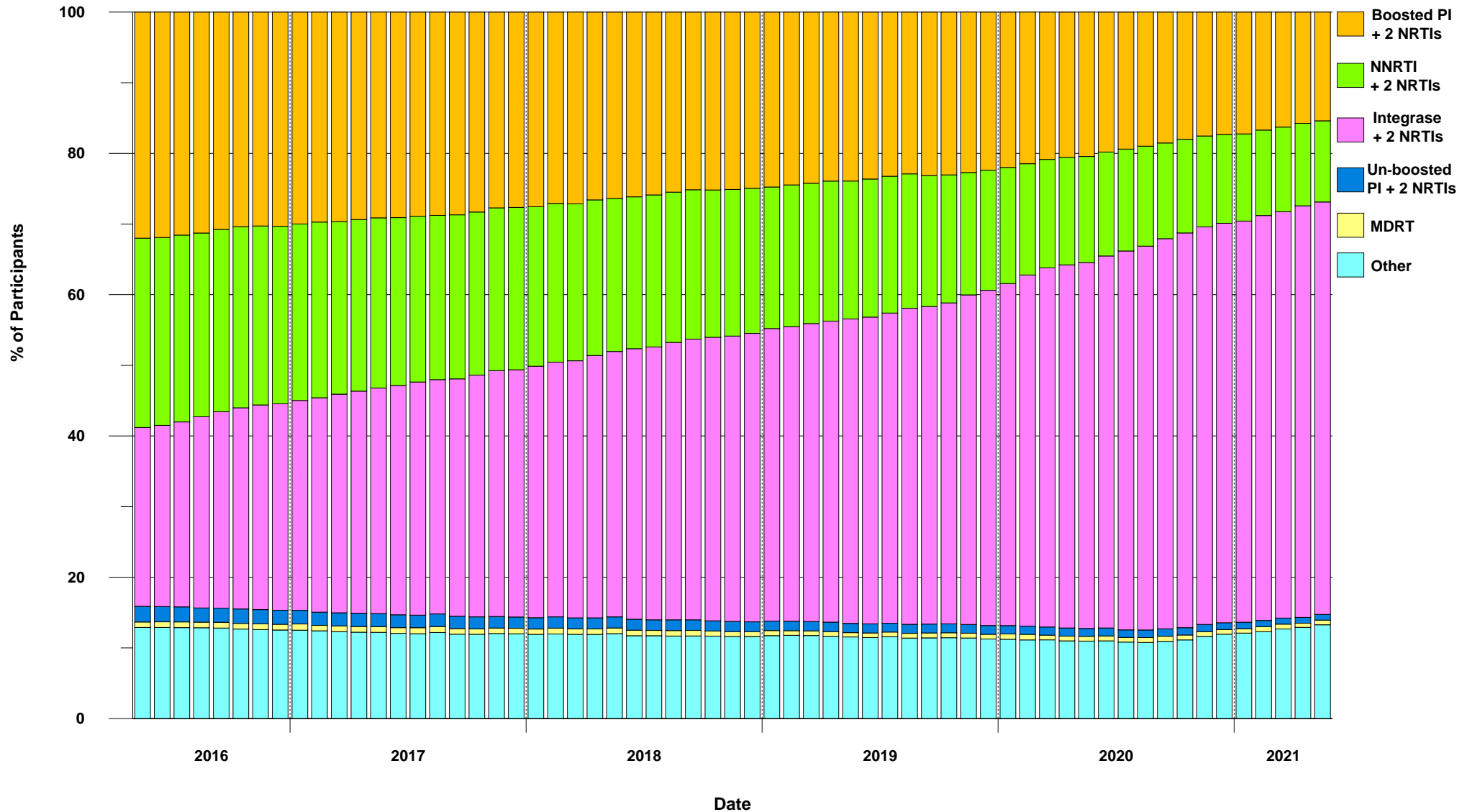


1.2 Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Class (May 2016 - May 2021)



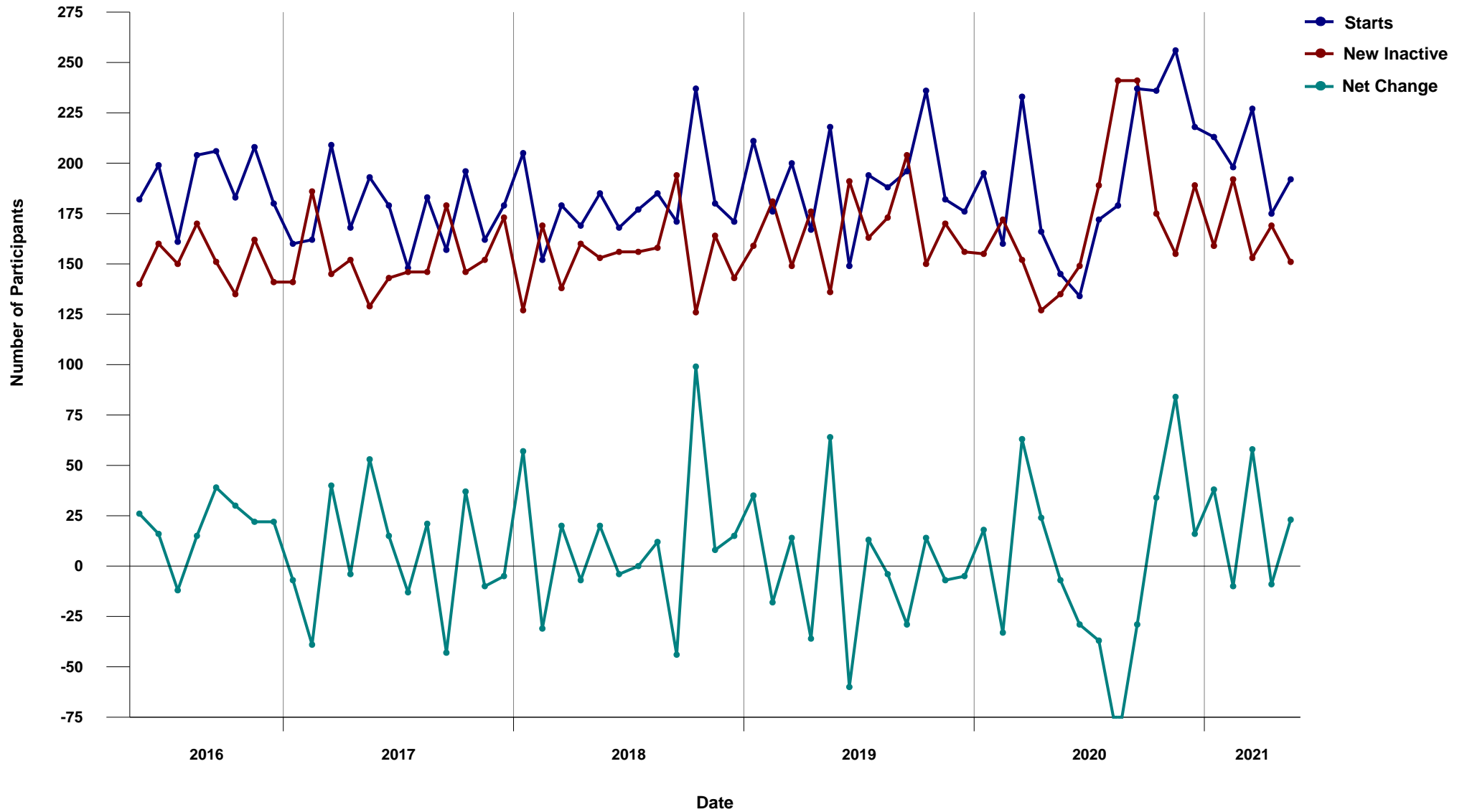


1.3 Percent Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Class (May 2016 - May 2021)



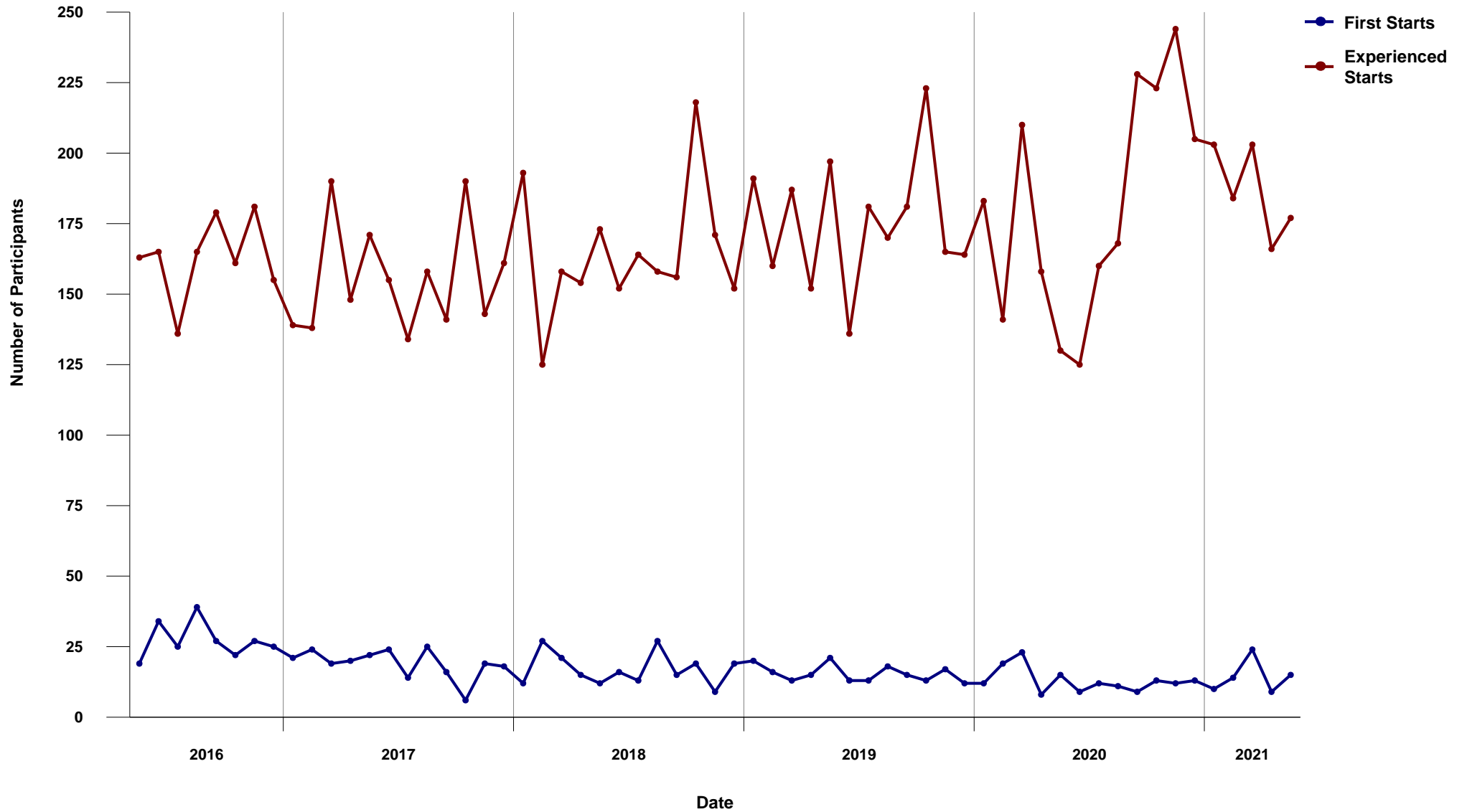


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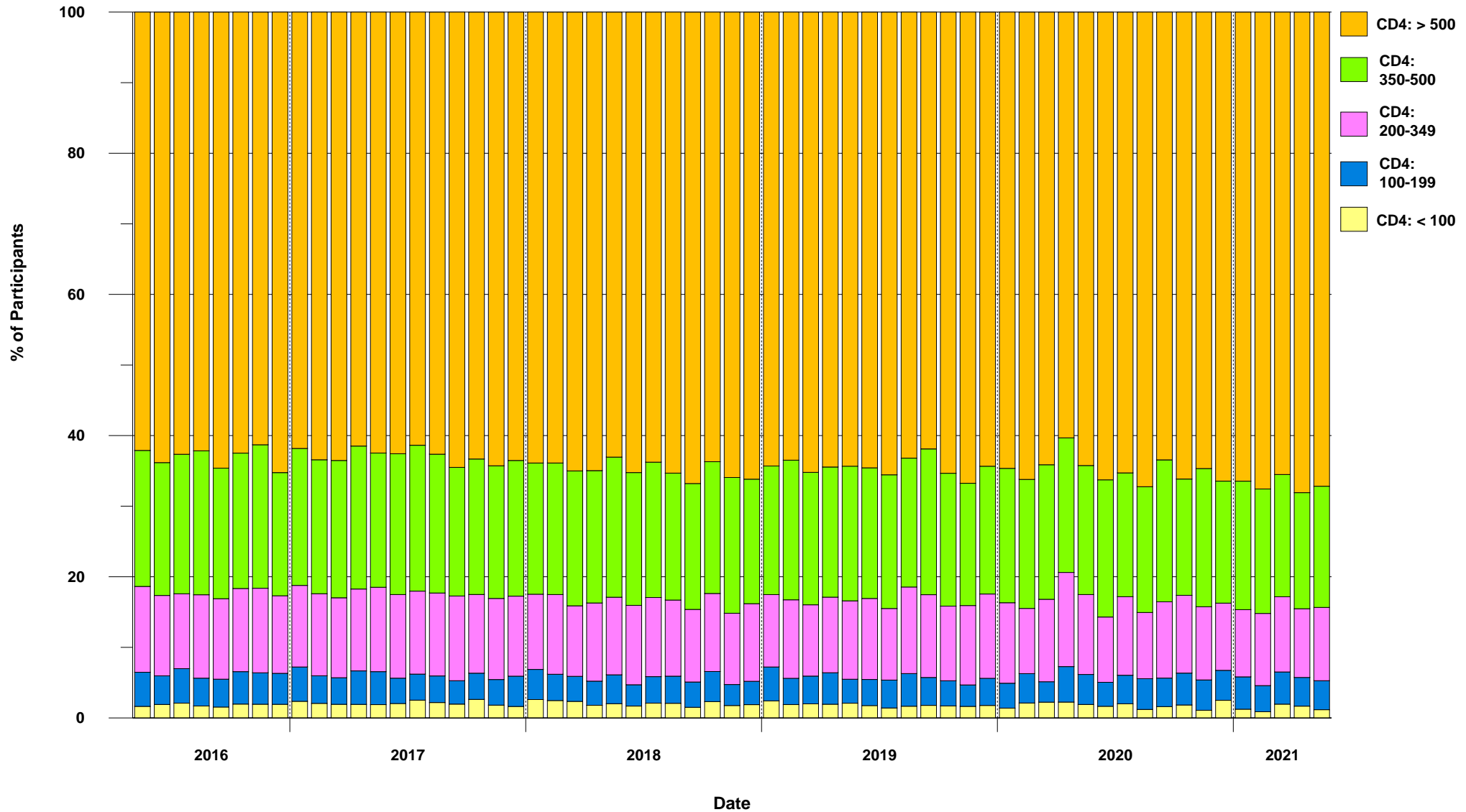


1.5 BC-CfE Enrollment: New Antiretroviral Participants
(May 2016 - May 2021)



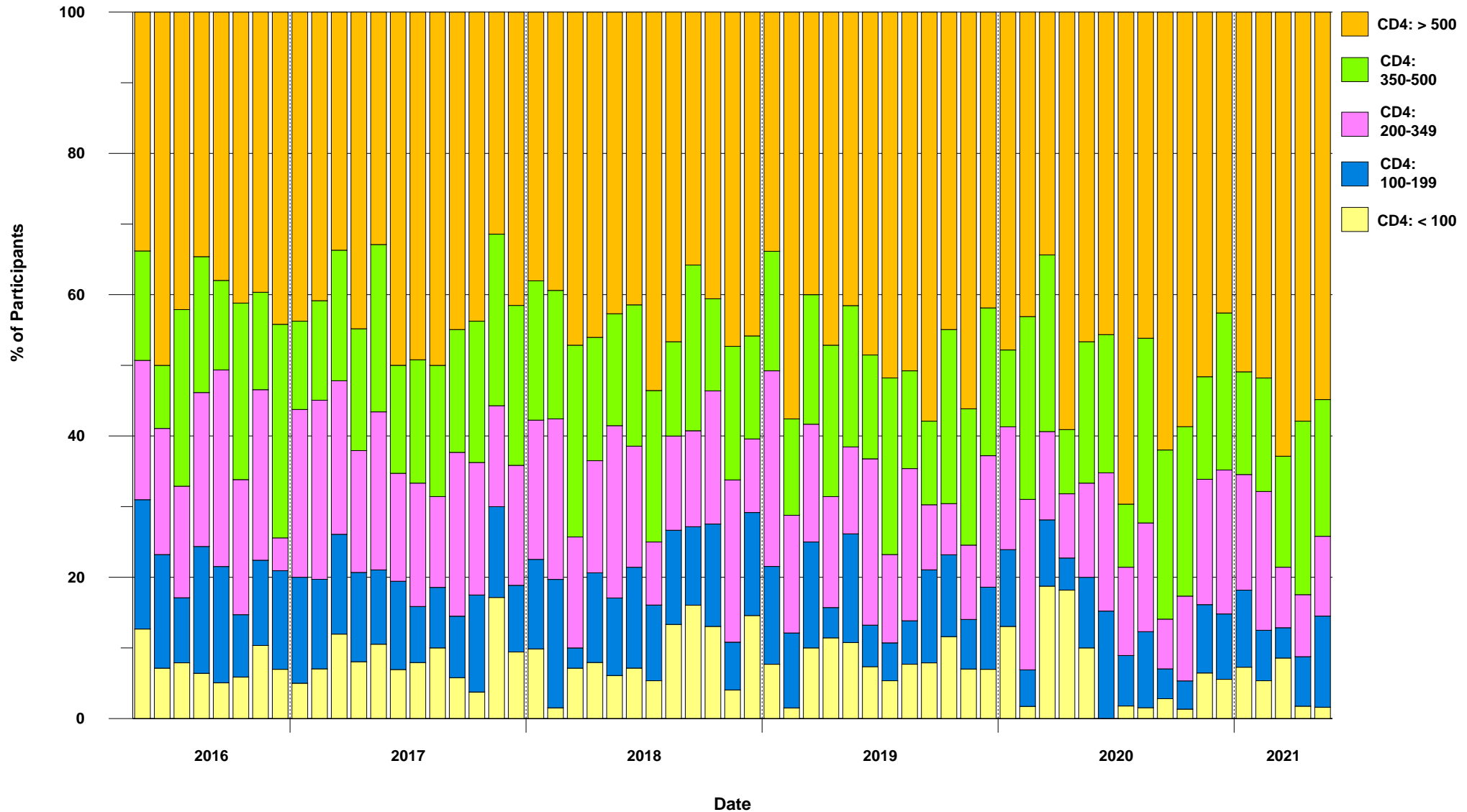


1.6 Percent Distribution of Active Participants by CD4 Count
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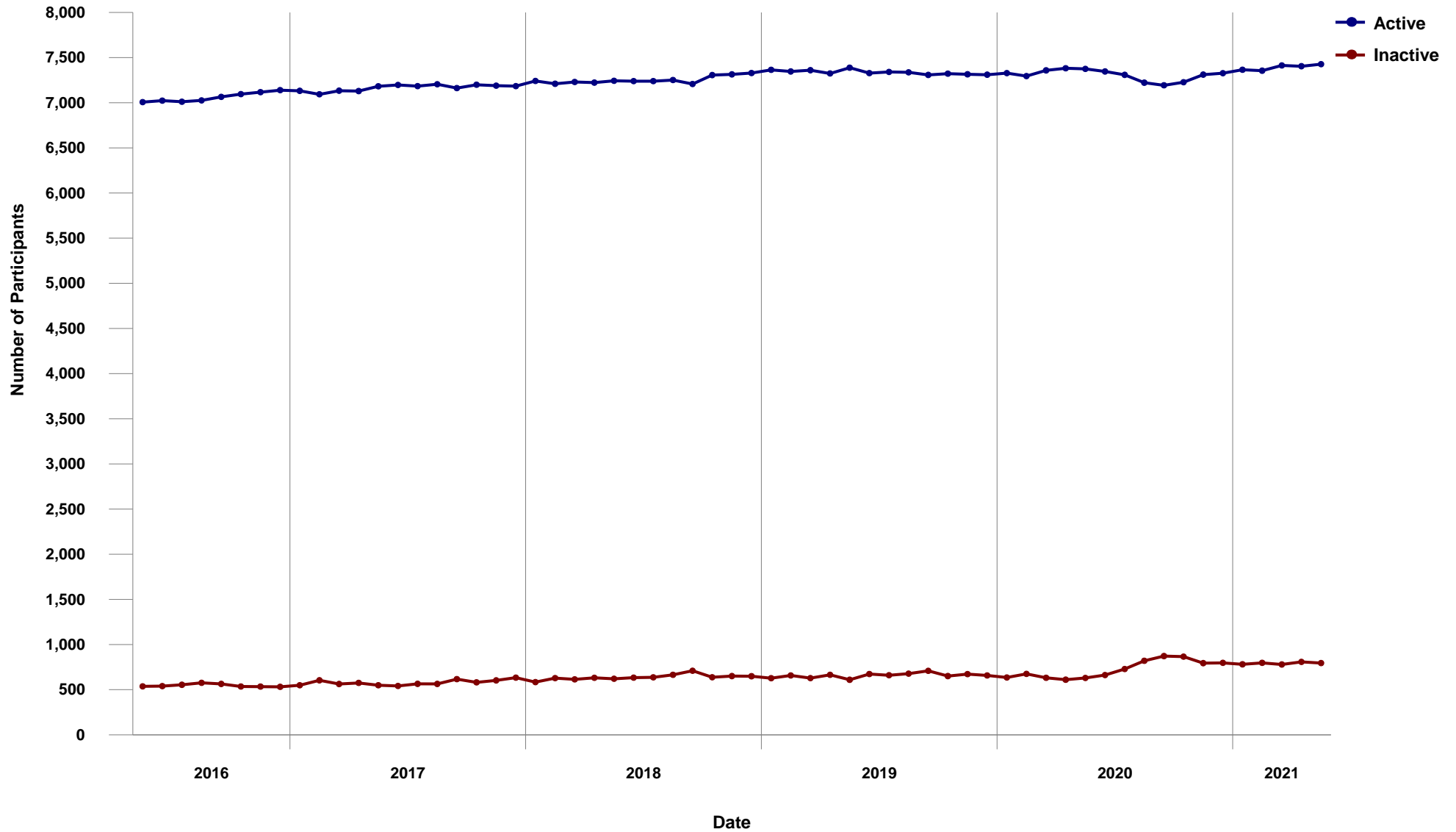


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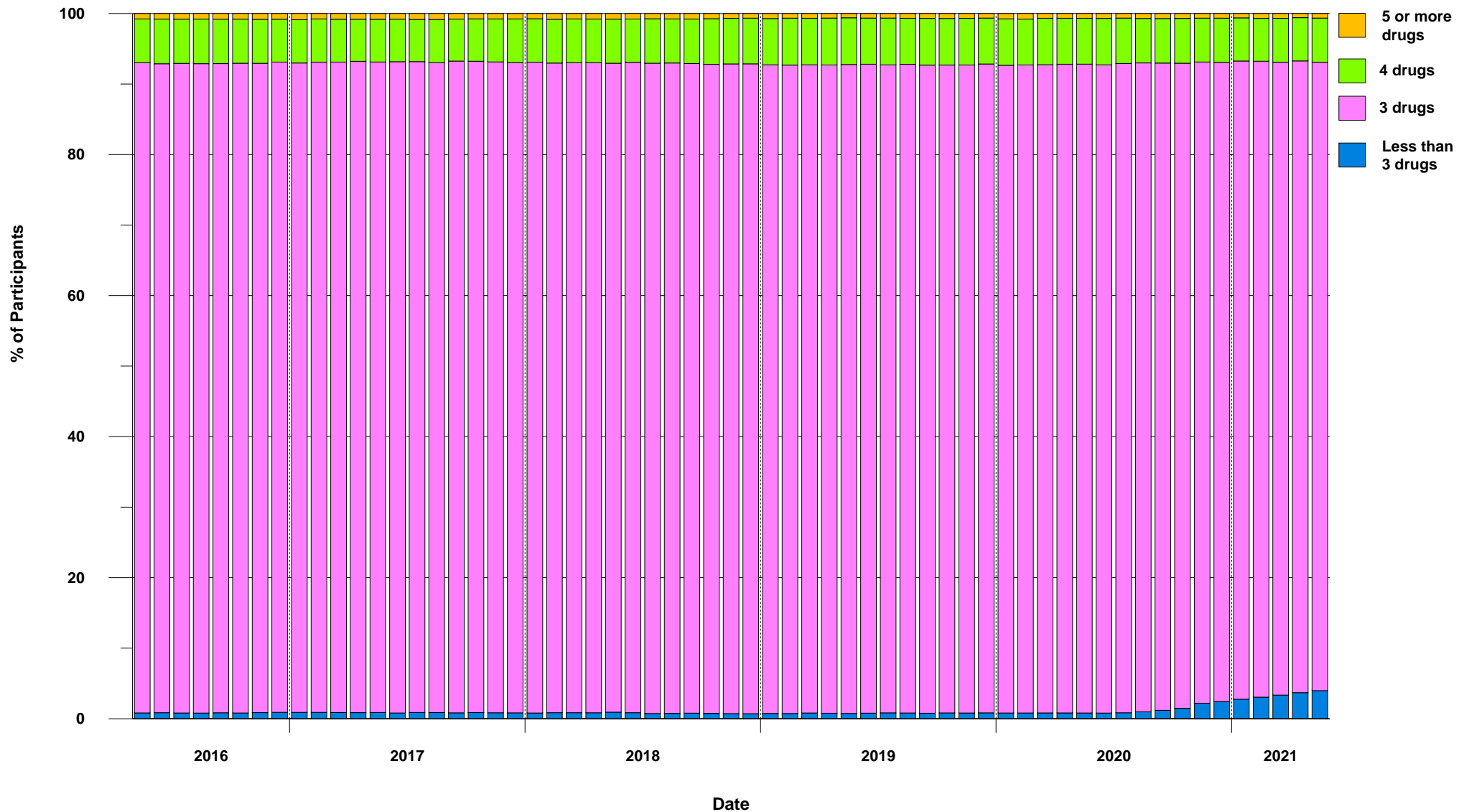


1.8 Active and Inactive Participants (May 2016 - May 2021)



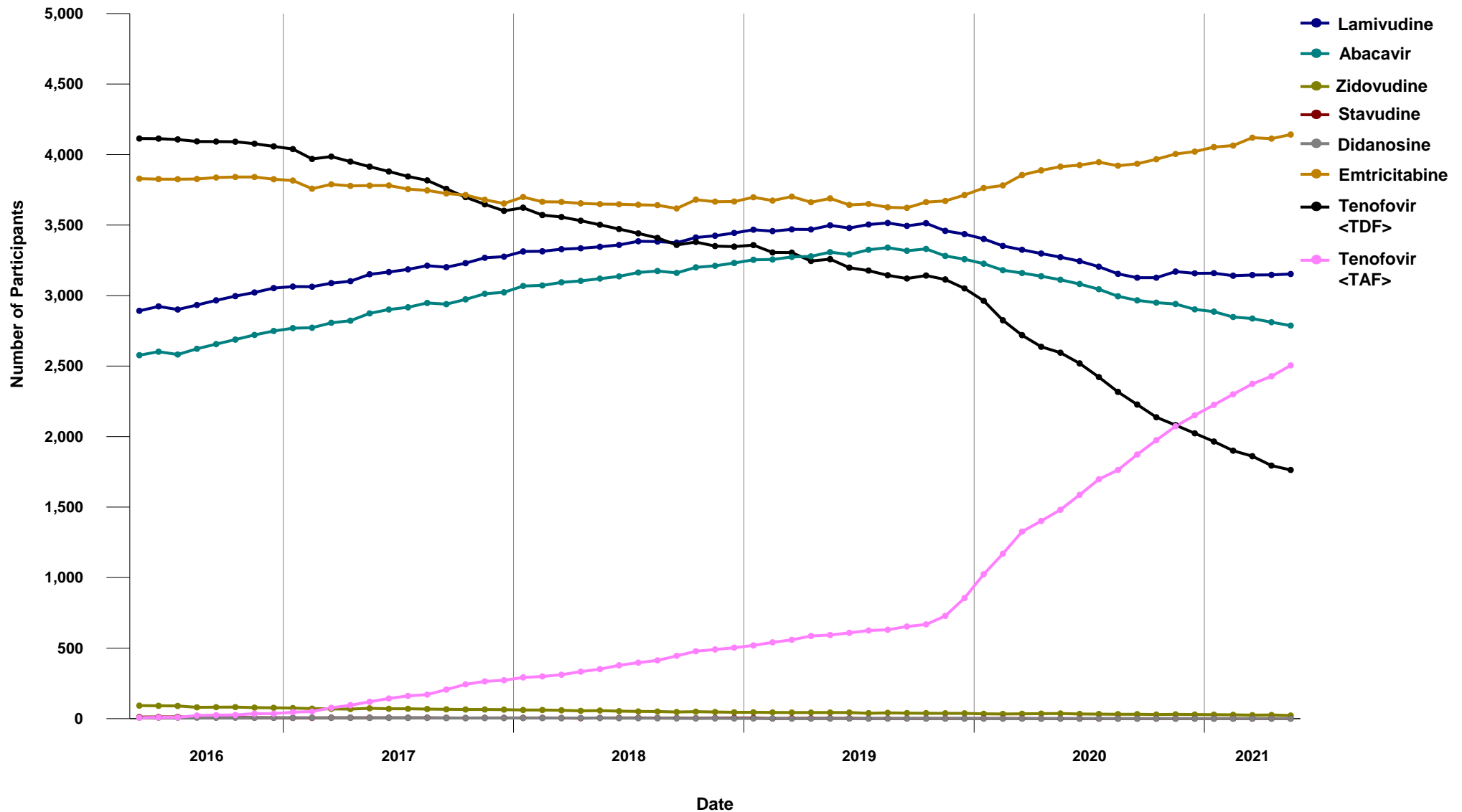


1.9 Percent Distribution of Participants on ARV Therapy by Number of Drugs (May 2016 - May 2021)





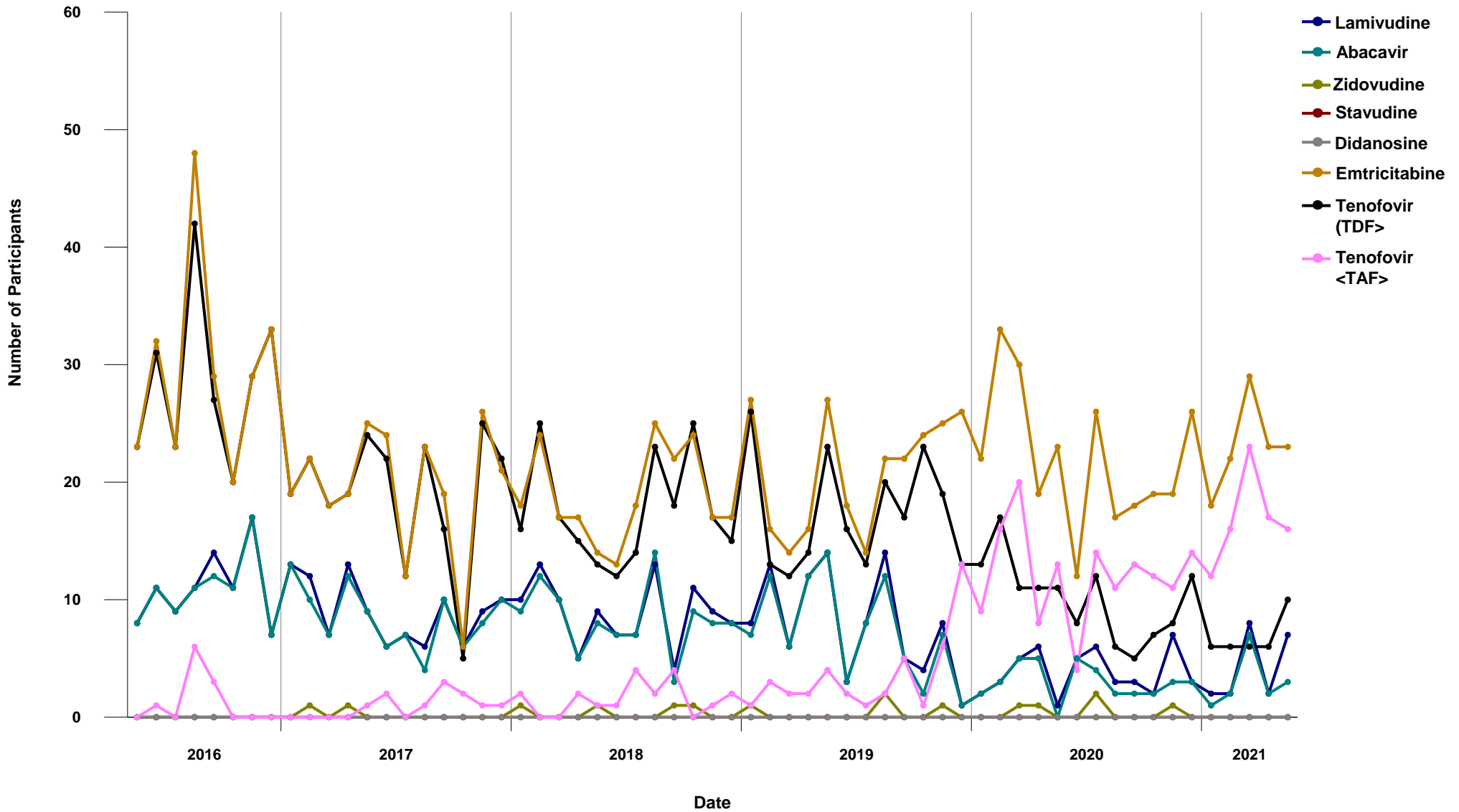
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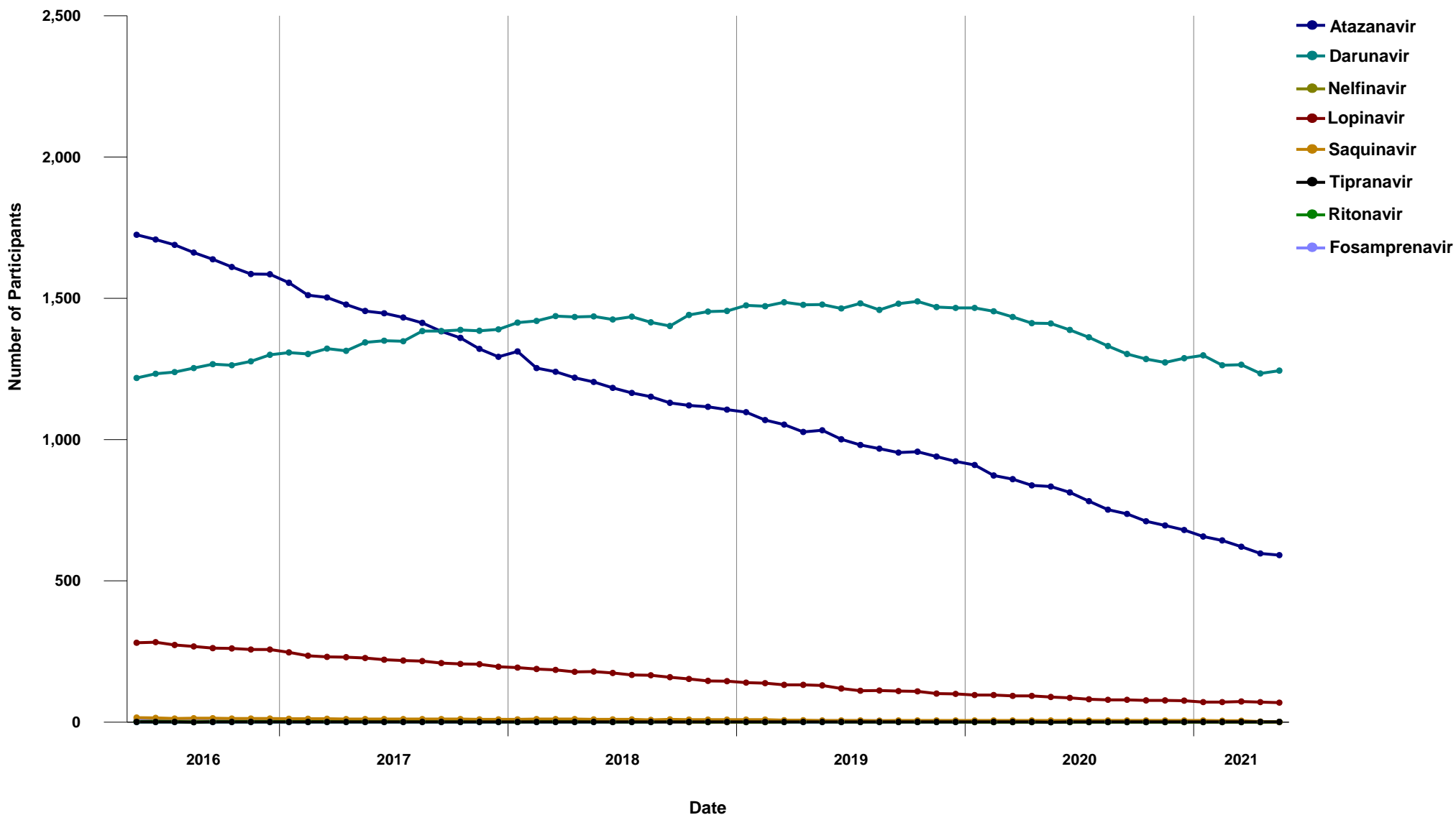
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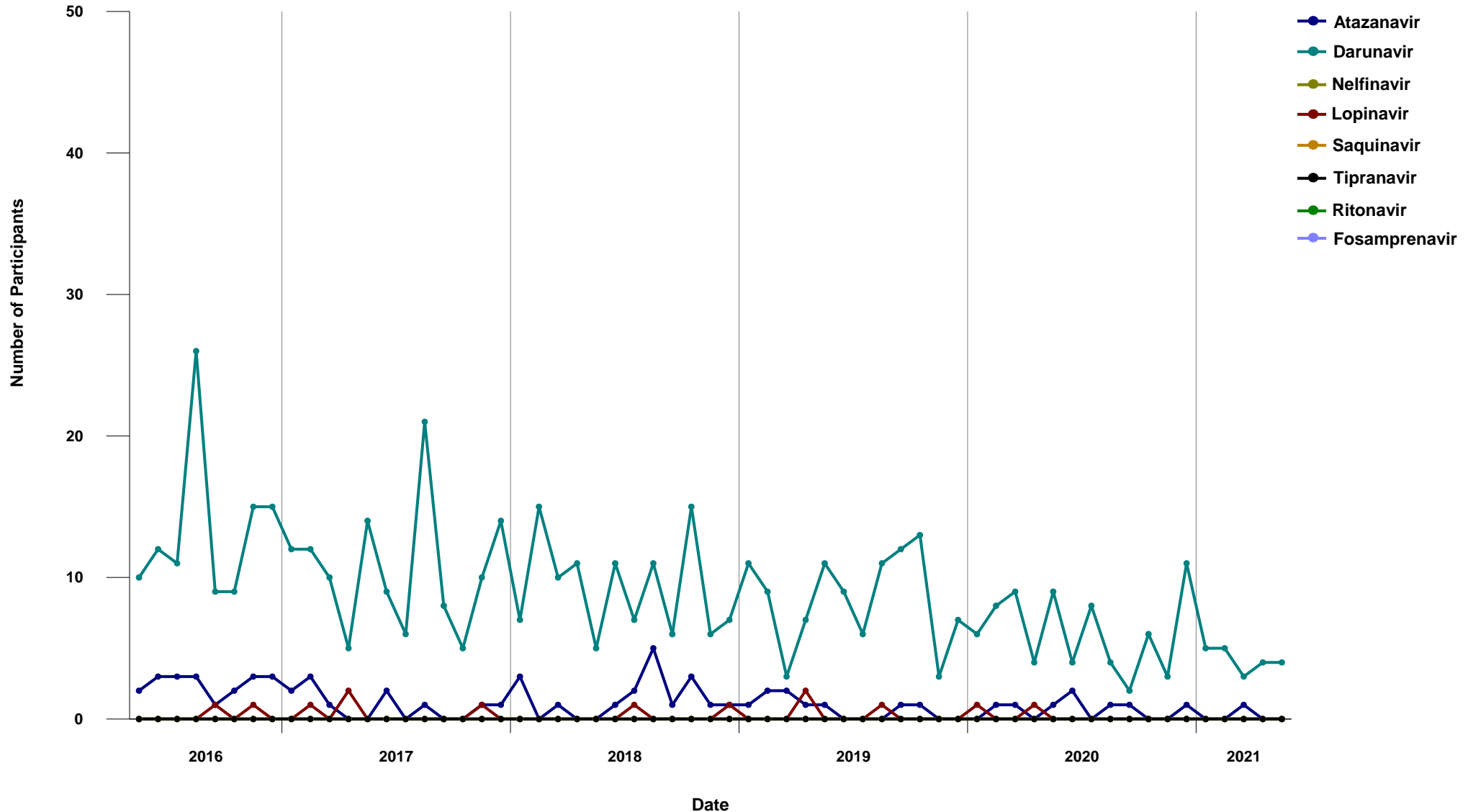
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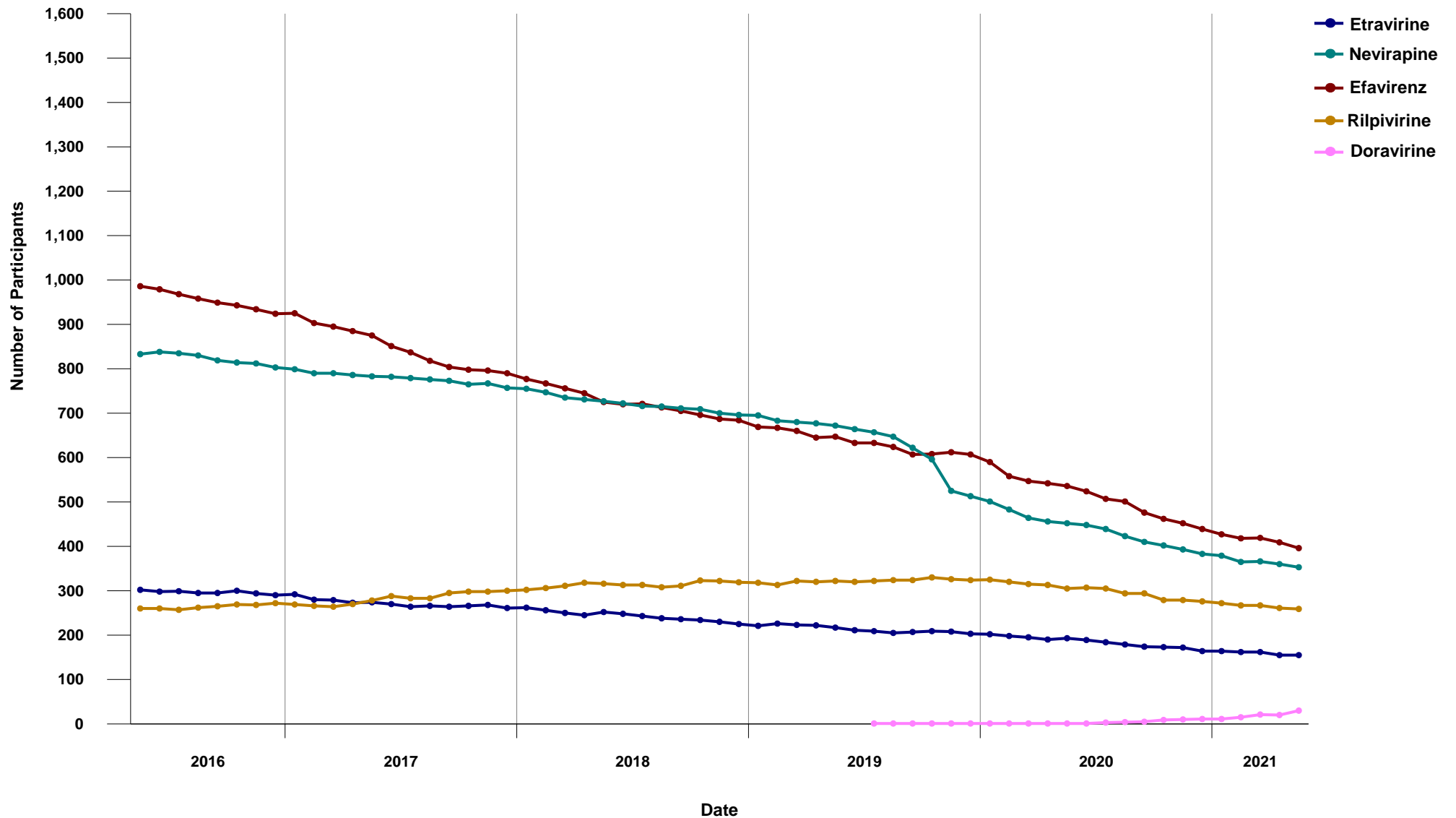
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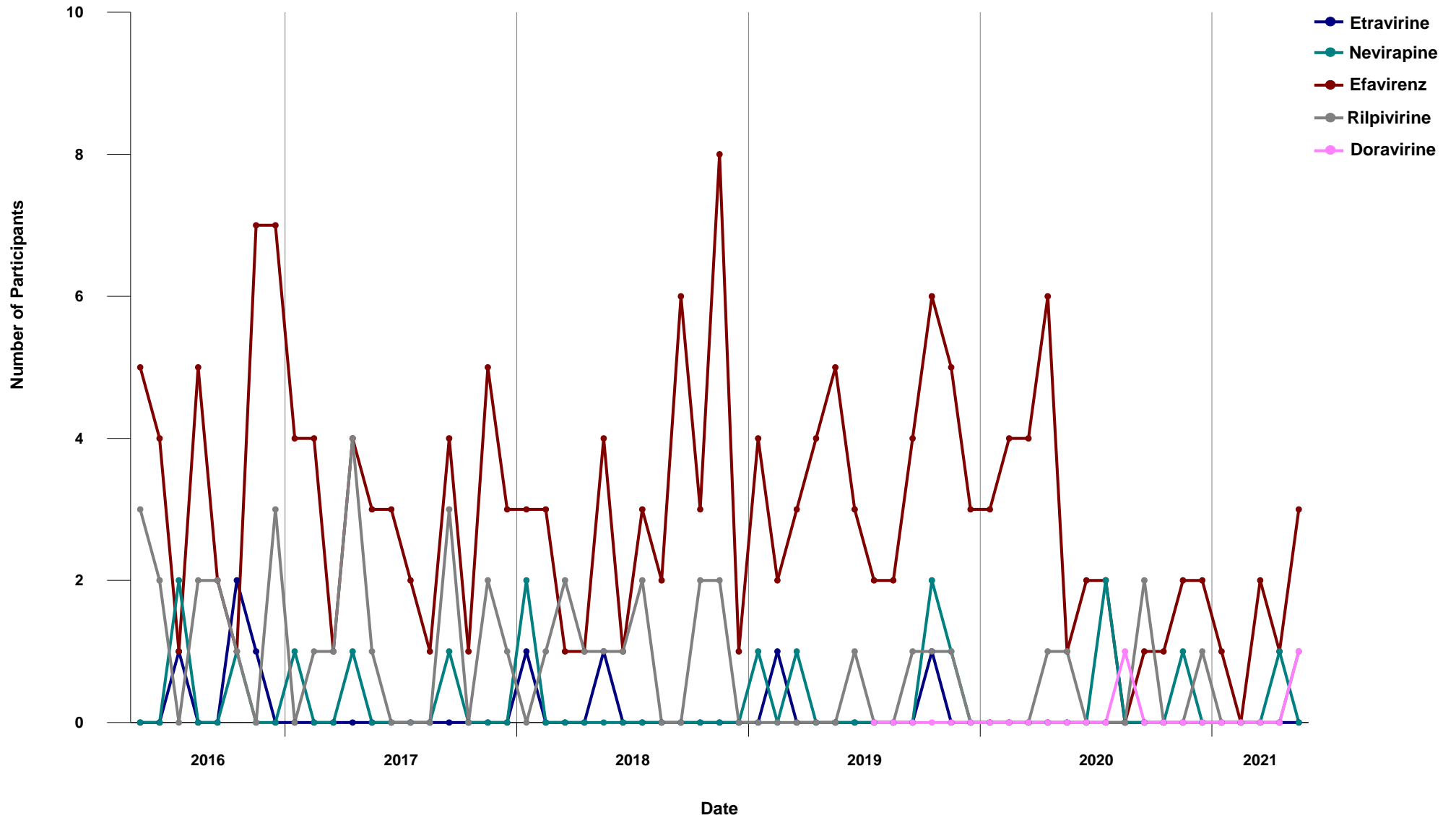
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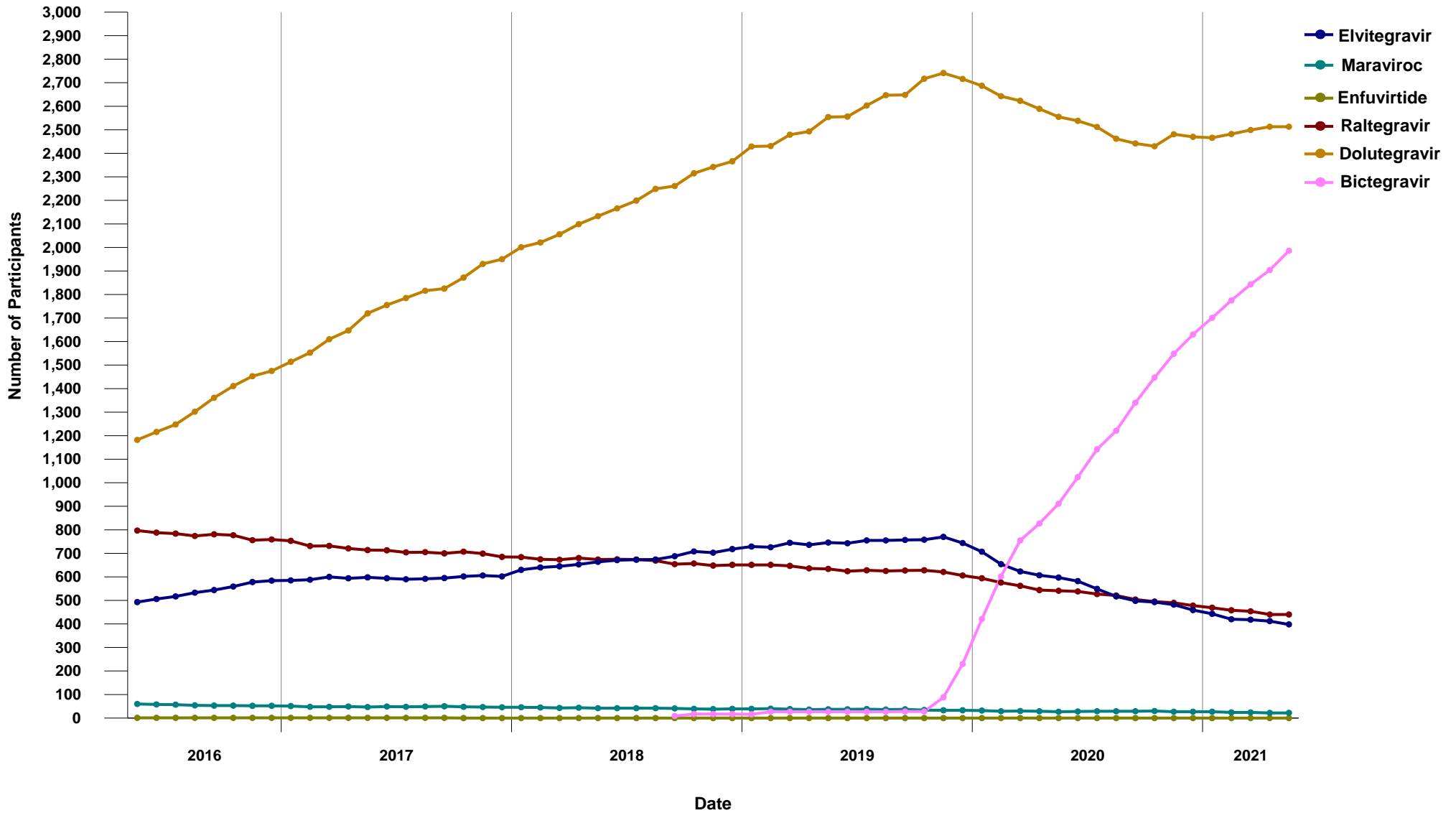
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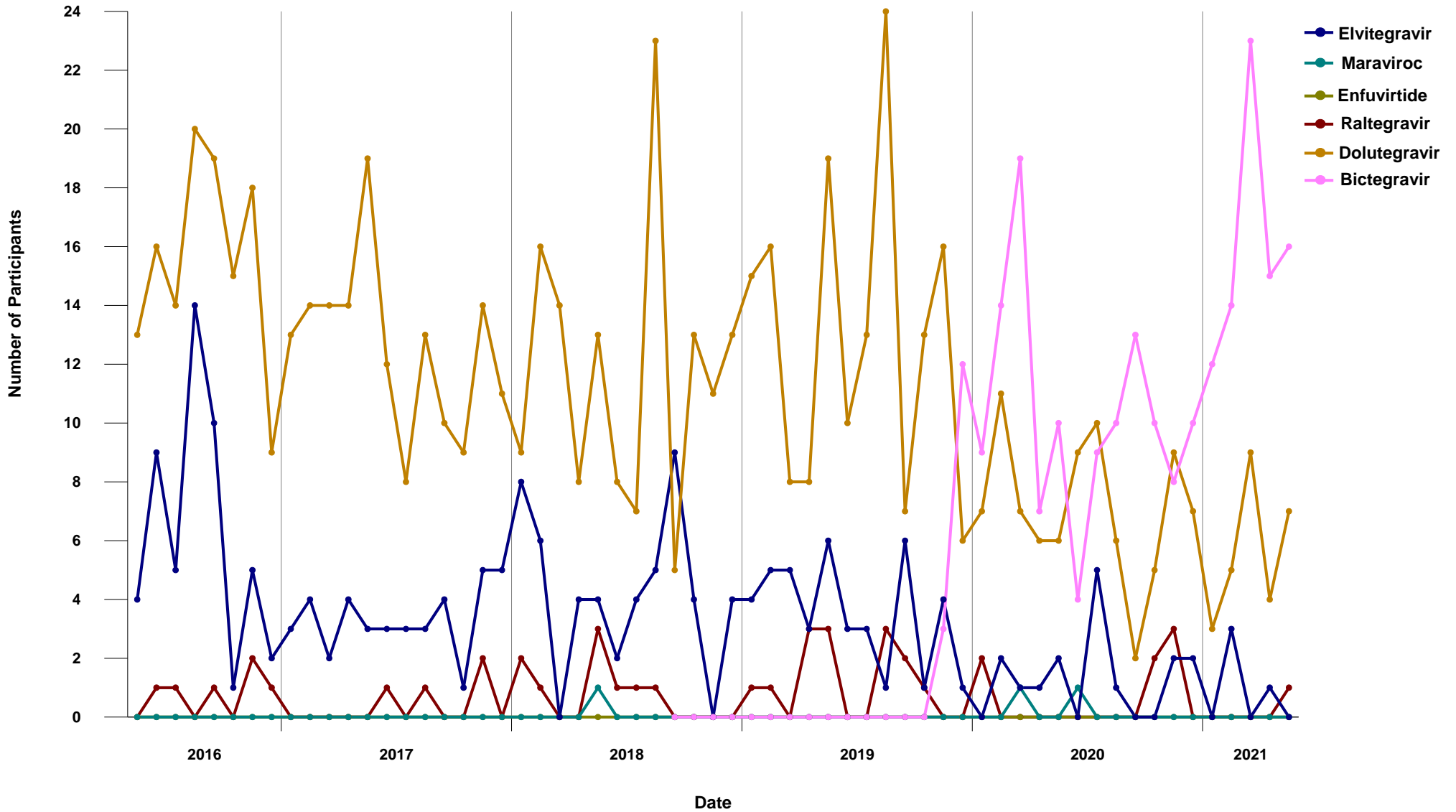
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(May 2016 - May 2021)





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

(May 2016 - May 2021)



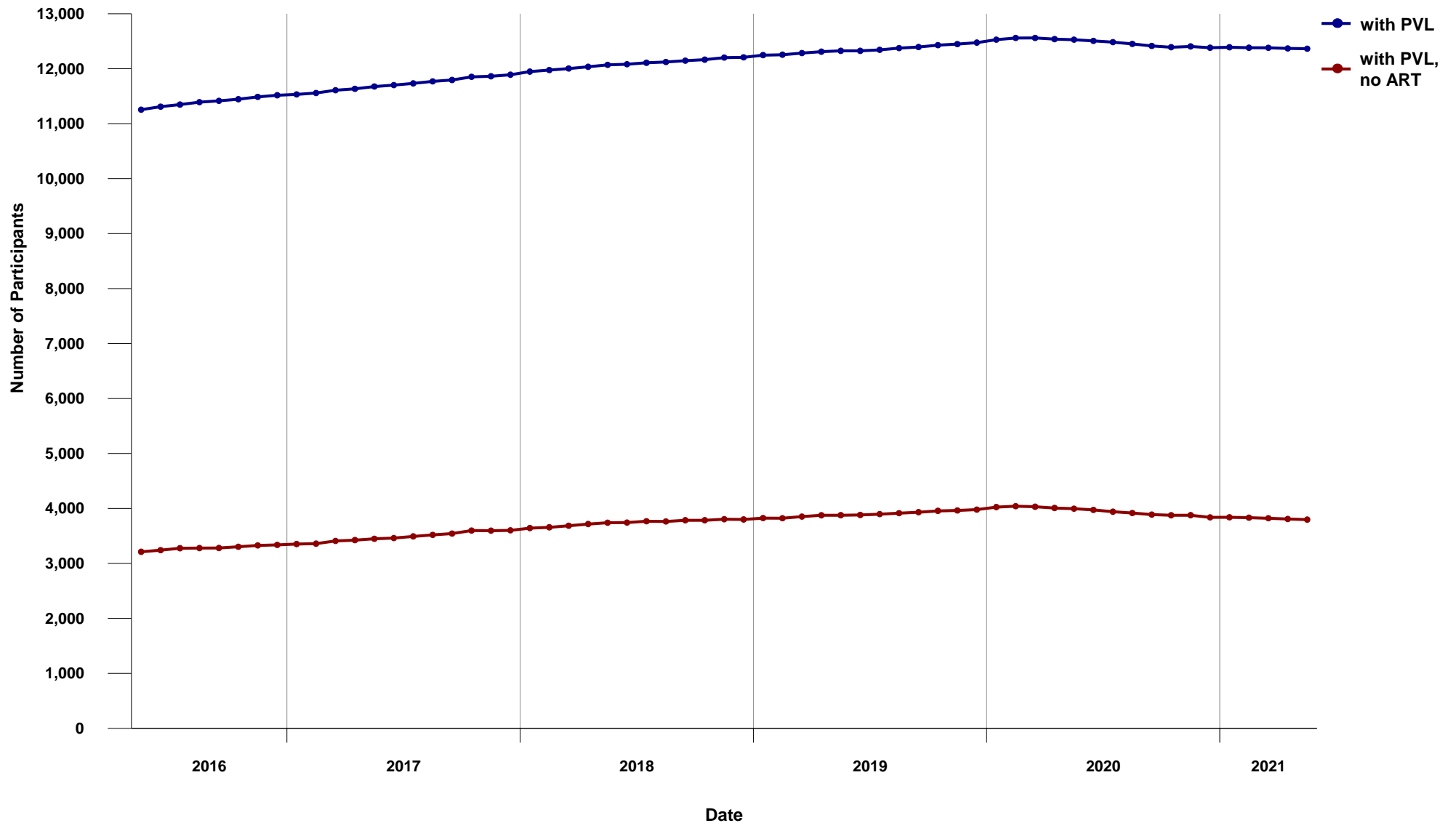


1.18 Baseline CD4 for Antiretroviral First Starts
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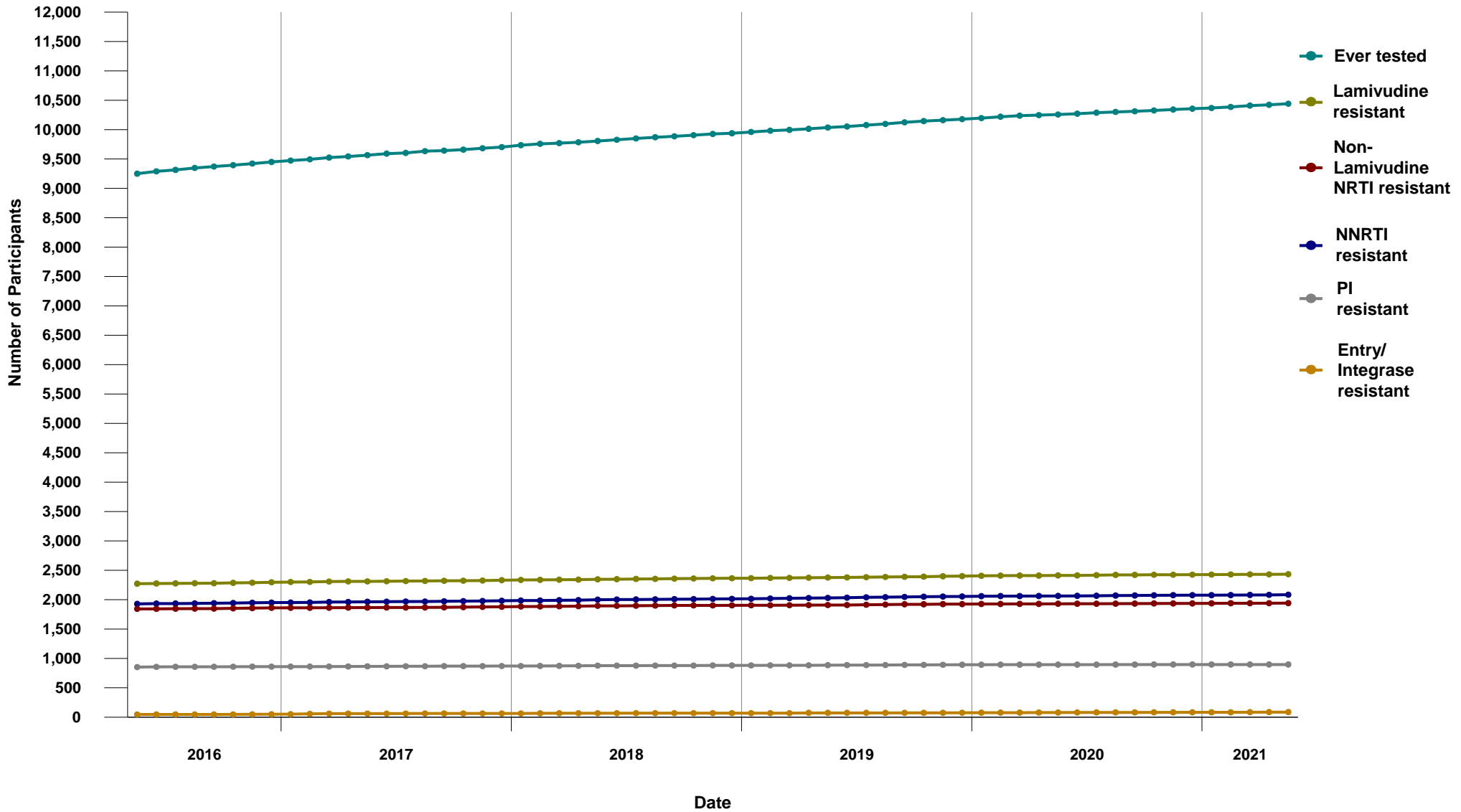


**1.19 DTP Participants with PVL Measurement within previous five years, and never on ART
(May 2016 - May 2021)**



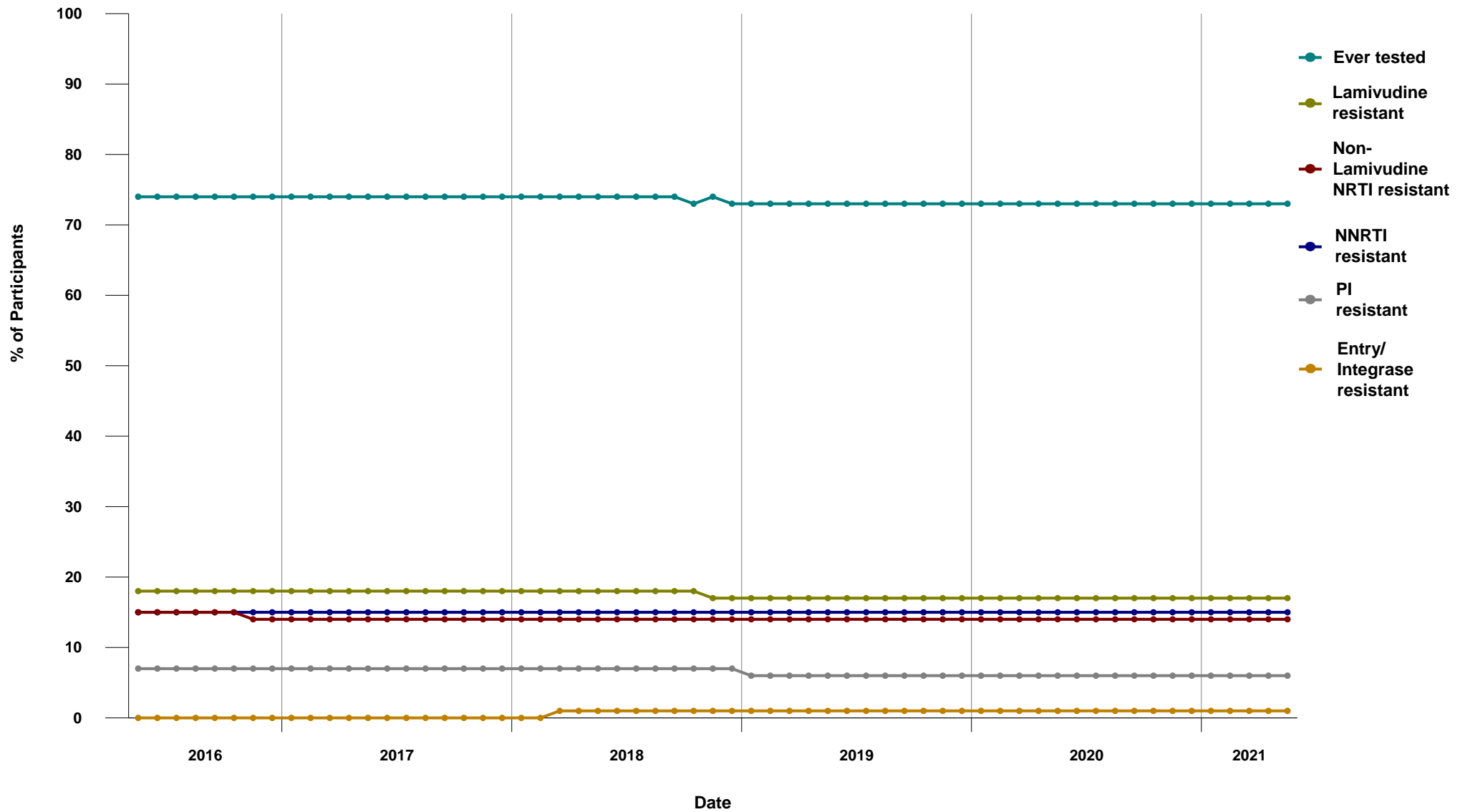


1.20 Cumulative Resistance Testing Results by Resistance Category (May 2016 - May 2021)





1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (May 2016 - May 2021)





**2.1 Duration of ARV treatment in the Province of BC, 1987-2021
(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	29	4	0	4	1	750	4	<40	4
1988	30	5	0	5	3	650	5	<40	3
1989	28	53	1	54	25	550	51	<40	3
1990	27	53	1	54	31	550	52	<40	3
1991	27	38	3	41	23	560	40	<40	3
1992	27	60	5	65	32	555	60	<40	3
1993	26	123	14	137	86	515	130	<40	3
1994	24	76	12	88	57	610	83	<40	3
1995	24	129	18	147	101	550	139	<40	3
1996	22	319	44	363	223	610	340	<40	3
1997	20	272	33	305	203	610	278	<40	3
1998	20	193	42	235	156	565	214	<40	3
1999	19	158	39	197	130	570	176	<40	3
2000	20	122	33	155	106	615	140	<40	3
2001	19	119	29	148	100	590	134	<40	3
2002	18	123	25	148	103	600	139	<40	3
2003	18	140	25	165	108	620	154	<40	3
2004	17	152	38	190	120	590	164	<40	3
2005	16	182	44	226	150	630	202	<40	3
2006	15	173	39	212	141	610	189	<40	3
2007	14	235	49	284	185	610	253	<40	3
2008	13	278	66	344	248	660	314	<40	3
2009	12	303	64	367	240	620	333	<40	3
2010	11	260	66	326	223	670	284	<40	3
2011	10	325	71	396	255	680	338	<40	3
2012	9	270	63	333	210	705	293	<40	3
2013	8	255	65	320	211	720	278	<40	3
2014	7	278	55	333	199	700	292	<40	3
2015	6	279	47	326	234	735	304	<40	3
2016	5	256	52	308	196	670	260	<40	3
2017	4	219	34	253	182	680	237	<40	3
2018	3	188	55	243	169	710	228	<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, 1987-2021
(for HIV+ persons currently on treatment)**

Start Year	Duration (years) Median	Male	Female	All	Current CD4 (n)	Median	Current PVL (n)	Median	Current ARV Median
2019	2	232	40	272	202	645	250	<40	3
2020	1	196	55	251	189	660	233	<40	3
2021	0	110	22	132	117	510	123	<40	3
Total:		6178	1249	7427					

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-2020	7358	774	2227	<40	1728	610
FEB-2020	7330	776	1882	<40	1417	620
MAR-2020	7387	768	1628	<40	1207	620
APR-2020	7408	770	767	<40	577	600
MAY-2020	7398	776	1186	<40	892	600
JUN-2020	7374	783	1558	<40	1147	620
JUL-2020	7344	794	1918	<40	1437	610
AUG-2020	7268	791	1848	<40	1331	630
SEP-2020	7248	784	1735	<40	1239	620
OCT-2020	7279	776	1782	<40	1306	630
NOV-2020	7361	764	1858	<40	1282	610
DEC-2020	7365	752	1542	<40	1082	630
JAN-2021	7398	741	1942	<40	1374	630
FEB-2021	7386	748	1786	<40	1242	630
MAR-2021	7448	743	2017	<40	1380	628
APR-2021	7436	746	1828	<40	1253	640
MAY-2021	7466	746	1869	<40	1194	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-2020	635	185	70	354	46	435
FEB-2020	675	173	71	<40	58	480
MAR-2020	632	188	50	<40	32	415
APR-2020	611	204	28	116	22	555
MAY-2020	630	187	42	<50	30	490
JUN-2020	662	181	56	<40	46	480
JUL-2020	729	161	72	<40	56	625
AUG-2020	820	142	75	<40	65	470
SEP-2020	872	137	93	<40	71	610
OCT-2020	866	178	87	<40	75	570
NOV-2020	794	192	78	<40	62	510
DEC-2020	797	187	65	<40	54	430
JAN-2021	781	204	73	<40	55	510
FEB-2021	797	199	70	<40	56	510
MAR-2021	779	252	88	<40	70	630
APR-2021	808	263	73	<40	57	610
MAY-2021	795	274	72	<40	62	540

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 Enrollment

MON-YYYY	Currently on ARV Therapy	Currently off ARV Therapy	Deceased	First Starts	Experienced Starts	New Inactive	Net Change	Cumulative Patients
JAN-2020	7328	635	10	12	183	155	18	13903
FEB-2020	7295	675	12	19	141	172	-33	13939
MAR-2020	7358	632	14	23	210	152	63	13975
APR-2020	7382	611	12	8	158	127	24	14000
MAY-2020	7375	630	10	15	130	135	-7	14025
JUN-2020	7346	662	8	9	125	149	-29	14042
JUL-2020	7309	729	15	12	160	189	-37	14074
AUG-2020	7222	820	18	11	168	241	-87	14094
SEP-2020	7193	872	19	9	228	241	-29	14115
OCT-2020	7227	866	20	13	223	175	34	14136
NOV-2020	7311	794	12	12	244	155	84	14162
DEC-2020	7327	797	10	13	205	189	16	14191
JAN-2021	7365	781	14	10	203	159	38	14211
FEB-2021	7355	797	15	14	184	192	-10	14235
MAR-2021	7413	779	15	24	203	153	58	14272
APR-2021	7404	808	13	9	166	169	-9	14297
MAY-2021	7427	795	14	15	177	151	23	14327

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-2020	60	6758	484	56	7358	0.82%	91.85%	6.58%	0.76%	100.00%
FEB-2020	59	6736	477	58	7330	0.80%	91.90%	6.51%	0.79%	100.00%
MAR-2020	60	6790	487	50	7387	0.81%	91.92%	6.59%	0.68%	100.00%
APR-2020	61	6814	483	50	7408	0.82%	91.98%	6.52%	0.67%	100.00%
MAY-2020	60	6807	481	50	7398	0.81%	92.01%	6.50%	0.68%	100.00%
JUN-2020	59	6779	485	51	7374	0.80%	91.93%	6.58%	0.69%	100.00%
JUL-2020	62	6762	472	48	7344	0.84%	92.08%	6.43%	0.65%	100.00%
AUG-2020	71	6688	458	51	7268	0.98%	92.02%	6.30%	0.70%	100.00%
SEP-2020	86	6653	457	52	7248	1.19%	91.79%	6.31%	0.72%	100.00%
OCT-2020	107	6659	462	51	7279	1.47%	91.48%	6.35%	0.70%	100.00%
NOV-2020	162	6693	457	49	7361	2.20%	90.93%	6.21%	0.67%	100.00%
DEC-2020	180	6675	461	49	7365	2.44%	90.63%	6.26%	0.67%	100.00%
JAN-2021	205	6695	452	46	7398	2.77%	90.50%	6.11%	0.62%	100.00%
FEB-2021	226	6661	448	51	7386	3.06%	90.18%	6.07%	0.69%	100.00%
MAR-2021	250	6683	464	51	7448	3.36%	89.73%	6.23%	0.68%	100.00%
APR-2021	275	6661	456	44	7436	3.70%	89.58%	6.13%	0.59%	100.00%
MAY-2021	298	6652	467	49	7466	3.99%	89.10%	6.26%	0.66%	100.00%

Definitions:

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





2.6 Number of Participants on Nucleoside/Nucleotide Analogues by INGREDIENT

	lamivudine		abacavir		zidovudine		stavudine		tenofovir <TAF>		tenofovir <TDF>		emtricitabine	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2020	2 8%	3402 47%	2 8%	3226 45%	0 0%	34 0%	0 0%	1 0%	9 38%	1024 14%	13 54%	2963 41%	22 92%	3763 52%
FEB-2020	3 8%	3352 47%	3 8%	3180 45%	0 0%	33 0%	0 0%	1 0%	16 44%	1169 16%	17 47%	2825 40%	33 92%	3781 53%
MAR-2020	5 14%	3325 46%	5 14%	3160 44%	1 3%	34 0%	0 0%	1 0%	20 56%	1326 18%	11 31%	2719 38%	30 83%	3855 54%
APR-2020	6 24%	3298 46%	5 20%	3137 43%	1 4%	35 0%	0 0%	0 0%	8 32%	1402 19%	11 44%	2637 37%	19 76%	3888 54%
MAY-2020	1 4%	3273 45%	0 0%	3112 43%	0 0%	36 0%	0 0%	0 0%	13 54%	1481 21%	11 46%	2595 36%	23 96%	3914 54%
JUN-2020	5 29%	3244 45%	5 29%	3082 43%	0 0%	33 0%	0 0%	0 0%	4 24%	1587 22%	8 47%	2519 35%	12 71%	3925 55%
JUL-2020	6 19%	3205 45%	4 13%	3045 43%	2 6%	32 0%	0 0%	0 0%	14 44%	1697 24%	12 38%	2422 34%	26 81%	3946 55%
AUG-2020	3 15%	3154 45%	2 10%	2995 42%	0 0%	31 0%	0 0%	0 0%	11 55%	1763 25%	6 30%	2317 33%	17 85%	3921 55%
SEP-2020	3 14%	3127 44%	2 10%	2966 42%	0 0%	31 0%	0 0%	0 0%	13 62%	1873 26%	5 24%	2227 32%	18 86%	3935 56%
OCT-2020	2 10%	3127 44%	2 10%	2950 42%	0 0%	29 0%	0 0%	0 0%	12 57%	1975 28%	7 33%	2137 30%	19 90%	3967 56%
NOV-2020	7 27%	3170 44%	3 12%	2940 41%	1 4%	30 0%	0 0%	0 0%	11 42%	2073 29%	8 31%	2081 29%	19 73%	4004 56%
DEC-2020	3 10%	3158 44%	3 10%	2902 40%	0 0%	29 0%	0 0%	0 0%	14 48%	2151 30%	12 41%	2023 28%	26 90%	4021 56%
JAN-2021	2 10%	3159 44%	1 5%	2886 40%	0 0%	28 0%	0 0%	0 0%	12 60%	2225 31%	6 30%	1965 27%	18 90%	4053 56%
FEB-2021	2 8%	3141 44%	2 8%	2848 39%	0 0%	27 0%	0 0%	0 0%	16 67%	2300 32%	6 25%	1900 26%	22 92%	4064 56%
MAR-2021	8 22%	3146 43%	7 19%	2837 39%	0 0%	25 0%	0 0%	0 0%	23 62%	2374 33%	6 16%	1861 26%	29 78%	4120 57%
APR-2021	2 8%	3147 43%	2 8%	2811 39%	0 0%	26 0%	0 0%	0 0%	17 68%	2428 33%	6 24%	1794 25%	23 92%	4113 57%
MAY-2021	7 23%	3153 43%	3 10%	2787 38%	0 0%	22 0%	0 0%	0 0%	16 53%	2505 34%	10 33%	1763 24%	23 77%	4142 57%

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-2020	0 0%	2 0%	0 0%	910 37%	6 86%	1466 59%	1 14%	96 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
FEB-2020	0 0%	2 0%	1 11%	873 36%	8 89%	1454 60%	0 0%	96 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
MAR-2020	0 0%	2 0%	1 10%	860 36%	9 90%	1434 60%	0 0%	93 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
APR-2020	0 0%	2 0%	0 0%	838 36%	4 80%	1412 60%	1 20%	93 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
MAY-2020	0 0%	2 0%	1 10%	834 36%	9 90%	1411 60%	0 0%	89 4%	0 0%	0 0%	0 0%	6 0%	0 0%	0 0%
JUN-2020	0 0%	2 0%	2 33%	813 35%	4 67%	1388 61%	0 0%	86 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
JUL-2020	0 0%	1 0%	0 0%	782 35%	8 100%	1362 61%	0 0%	81 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
AUG-2020	0 0%	1 0%	1 20%	752 35%	4 80%	1331 62%	0 0%	79 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
SEP-2020	0 0%	0 0%	1 33%	737 35%	2 67%	1303 61%	0 0%	79 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
OCT-2020	0 0%	0 0%	0 0%	711 34%	6 100%	1285 62%	0 0%	77 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
NOV-2020	0 0%	1 0%	0 0%	696 34%	3 100%	1273 62%	0 0%	77 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
DEC-2020	0 0%	1 0%	1 8%	680 33%	11 92%	1288 63%	0 0%	76 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
JAN-2021	0 0%	1 0%	0 0%	657 32%	5 100%	1298 64%	0 0%	71 3%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
FEB-2021	0 0%	1 0%	0 0%	643 33%	5 100%	1263 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%	621 32%	3 75%	1265 65%	0 0%	73 4%	0 0%	1 0%	0 0%	5 0%	0 0%	1 0%
APR-2021	0 0%	1 0%	0 0%	597 31%	4 100%	1234 65%	0 0%	71 4%	0 0%	1 0%	0 0%	2 0%	0 0%	1 0%
MAY-2021	0 0%	1 0%	0 0%	591 31%	4 100%	1244 65%	0 0%	69 4%	0 0%	1 0%	0 0%	1 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-2020	0 0%	1 0%	3 100%	590 36%	0 0%	202 12%	0 0%	501 31%	0 0%	325 20%
FEB-2020	0 0%	1 0%	4 100%	558 36%	0 0%	198 13%	0 0%	483 31%	0 0%	320 21%
MAR-2020	0 0%	1 0%	4 100%	547 36%	0 0%	195 13%	0 0%	464 31%	0 0%	315 21%
APR-2020	0 0%	1 0%	6 86%	542 36%	0 0%	190 13%	0 0%	456 30%	1 14%	313 21%
MAY-2020	0 0%	1 0%	1 50%	536 36%	0 0%	193 13%	0 0%	452 30%	1 50%	305 21%
JUN-2020	0 0%	1 0%	2 100%	524 36%	0 0%	189 13%	0 0%	448 30%	0 0%	307 21%
JUL-2020	0 0%	3 0%	2 50%	507 35%	0 0%	184 13%	2 50%	439 31%	0 0%	305 21%
AUG-2020	1 100%	4 0%	0 0%	501 36%	0 0%	179 13%	0 0%	423 30%	0 0%	294 21%
SEP-2020	0 0%	5 0%	1 33%	476 35%	0 0%	174 13%	0 0%	410 30%	2 67%	294 22%
OCT-2020	0 0%	9 1%	1 100%	462 35%	0 0%	173 13%	0 0%	402 30%	0 0%	279 21%
NOV-2020	0 0%	10 1%	2 67%	452 35%	0 0%	172 13%	1 33%	393 30%	0 0%	279 21%
DEC-2020	0 0%	11 1%	2 67%	439 35%	0 0%	164 13%	0 0%	383 30%	1 33%	276 22%
JAN-2021	0 0%	11 1%	1 100%	427 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%	162 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%	366 30%	0 0%	267 22%
APR-2021	0 0%	20 2%	1 50%	409 34%	0 0%	155 13%	1 50%	360 30%	0 0%	261 22%
MAY-2021	1 20%	30 3%	3 60%	396 33%	0 0%	155 13%	0 0%	353 30%	1 20%	259 22%

Definitions:

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

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

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

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

Doravirine not currently available on BC-CfE Formulary





2.9 Number of Participants on Entry/Integrase Inhibitors by INGREDIENT

	bictegravir		dolutegravir		elvitegravir		maraviroc		raltegravir	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2020	9 50%	421 10%	7 39%	2687 62%	0 0%	707 16%	0 0%	32 1%	2 11%	594 14%
FEB-2020	14 52%	602 14%	11 41%	2643 60%	2 7%	654 15%	0 0%	29 1%	0 0%	576 13%
MAR-2020	19 68%	755 17%	7 25%	2623 58%	1 4%	623 14%	1 4%	30 1%	0 0%	562 12%
APR-2020	7 50%	827 18%	6 43%	2589 57%	1 7%	607 13%	0 0%	29 1%	0 0%	544 12%
MAY-2020	10 56%	911 20%	6 33%	2555 56%	2 11%	597 13%	0 0%	27 1%	0 0%	541 12%
JUN-2020	4 31%	1024 22%	9 69%	2538 55%	0 0%	582 13%	1 8%	28 1%	0 0%	538 12%
JUL-2020	9 38%	1142 24%	10 42%	2512 54%	5 21%	549 12%	0 0%	29 1%	0 0%	527 11%
AUG-2020	10 59%	1221 26%	6 35%	2462 52%	1 6%	517 11%	0 0%	29 1%	0 0%	521 11%
SEP-2020	13 87%	1340 28%	2 13%	2442 51%	0 0%	498 10%	0 0%	29 1%	0 0%	504 11%
OCT-2020	10 59%	1447 30%	5 29%	2430 50%	0 0%	493 10%	0 0%	30 1%	2 12%	495 10%
NOV-2020	8 36%	1548 31%	9 41%	2481 50%	2 9%	482 10%	0 0%	27 1%	3 14%	490 10%
DEC-2020	10 53%	1630 33%	7 37%	2470 49%	2 11%	459 9%	0 0%	27 1%	0 0%	478 10%
JAN-2021	12 80%	1701 34%	3 20%	2466 49%	0 0%	443 9%	0 0%	27 1%	0 0%	469 9%
FEB-2021	14 64%	1775 35%	5 23%	2482 49%	3 14%	420 8%	0 0%	24 0%	0 0%	458 9%
MAR-2021	23 72%	1843 35%	9 28%	2499 48%	0 0%	418 8%	0 0%	24 0%	0 0%	454 9%
APR-2021	15 75%	1904 36%	4 20%	2513 48%	1 5%	412 8%	0 0%	22 0%	0 0%	440 8%
MAY-2021	16 67%	1986 37%	7 29%	2513 47%	0 0%	398 7%	0 0%	22 0%	1 4%	440 8%

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 Class

MON-YYYY	Boosted PI + 2 NRTIs		NNRTI + 2 NRTIs		Integrase + 2 NRTIs		Un-boosted PI + 2 NRTIs		MDRT		Other	
	n	%	n	%	n	%	n	%	n	%	n	%
JAN-2020	1617	21.98	1210	16.44	3562	48.41	87	1.18	56	0.76	826	11.23
FEB-2020	1573	21.46	1154	15.74	3644	49.71	85	1.16	58	0.79	816	11.13
MAR-2020	1540	20.85	1134	15.35	3755	50.83	85	1.15	50	0.68	823	11.14
APR-2020	1522	20.55	1129	15.24	3807	51.39	85	1.15	50	0.67	815	11.00
MAY-2020	1512	20.44	1111	15.02	3831	51.78	83	1.12	50	0.68	811	10.96
JUN-2020	1460	19.80	1085	14.71	3883	52.66	83	1.13	51	0.69	812	11.01
JUL-2020	1424	19.39	1059	14.42	3939	53.64	79	1.08	48	0.65	795	10.83
AUG-2020	1380	18.99	1028	14.14	3948	54.32	78	1.07	51	0.70	783	10.77
SEP-2020	1342	18.52	982	13.55	4003	55.23	76	1.05	52	0.72	793	10.94
OCT-2020	1310	18.00	965	13.26	4067	55.87	76	1.04	51	0.70	810	11.13
NOV-2020	1290	17.52	947	12.87	4143	56.28	75	1.02	49	0.67	857	11.64
DEC-2020	1275	17.31	926	12.57	4164	56.54	71	0.96	49	0.67	880	11.95
JAN-2021	1275	17.23	913	12.34	4201	56.79	68	0.92	46	0.62	895	12.10
FEB-2021	1233	16.69	894	12.10	4233	57.31	66	0.89	51	0.69	909	12.31
MAR-2021	1212	16.27	892	11.98	4284	57.52	64	0.86	51	0.68	945	12.69
APR-2021	1170	15.73	869	11.69	4331	58.24	62	0.83	44	0.59	960	12.91
MAY-2021	1149	15.39	857	11.48	4358	58.37	62	0.83	49	0.66	991	13.27

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





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-2020	12	0	2	1	4	4	490
FEB-2020	19	5	1	5	3	5	320
MAR-2020	23	4	0	3	1	10	550
APR-2020	8	0	0	3	0	5	686
MAY-2020	15	1	0	3	4	7	400
JUN-2020	9	1	0	3	4	1	380
JUL-2020	12	3	0	0	2	4	500
AUG-2020	11	3	1	3	2	1	225
SEP-2020	9	3	2	1	0	0	71
OCT-2020	13	2	1	1	3	3	381
NOV-2020	12	0	1	0	2	6	710
DEC-2020	13	3	3	3	0	4	260
JAN-2021	10	1	4	0	1	2	170
FEB-2021	14	0	2	3	4	5	365
MAR-2021	24	4	5	3	5	5	280
APR-2021	9	2	1	1	1	4	370
MAY-2021	15	1	1	3	2	4	480

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-2020	12529	4025
FEB-2020	12559	4041
MAR-2020	12560	4032
APR-2020	12538	4008
MAY-2020	12528	3996
JUN-2020	12506	3974
JUL-2020	12483	3941
AUG-2020	12451	3917
SEP-2020	12414	3889
OCT-2020	12391	3876
NOV-2020	12405	3877
DEC-2020	12382	3838
JAN-2021	12390	3839
FEB-2021	12382	3833
MAR-2021	12380	3822
APR-2021	12369	3809
MAY-2021	12364	3797

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

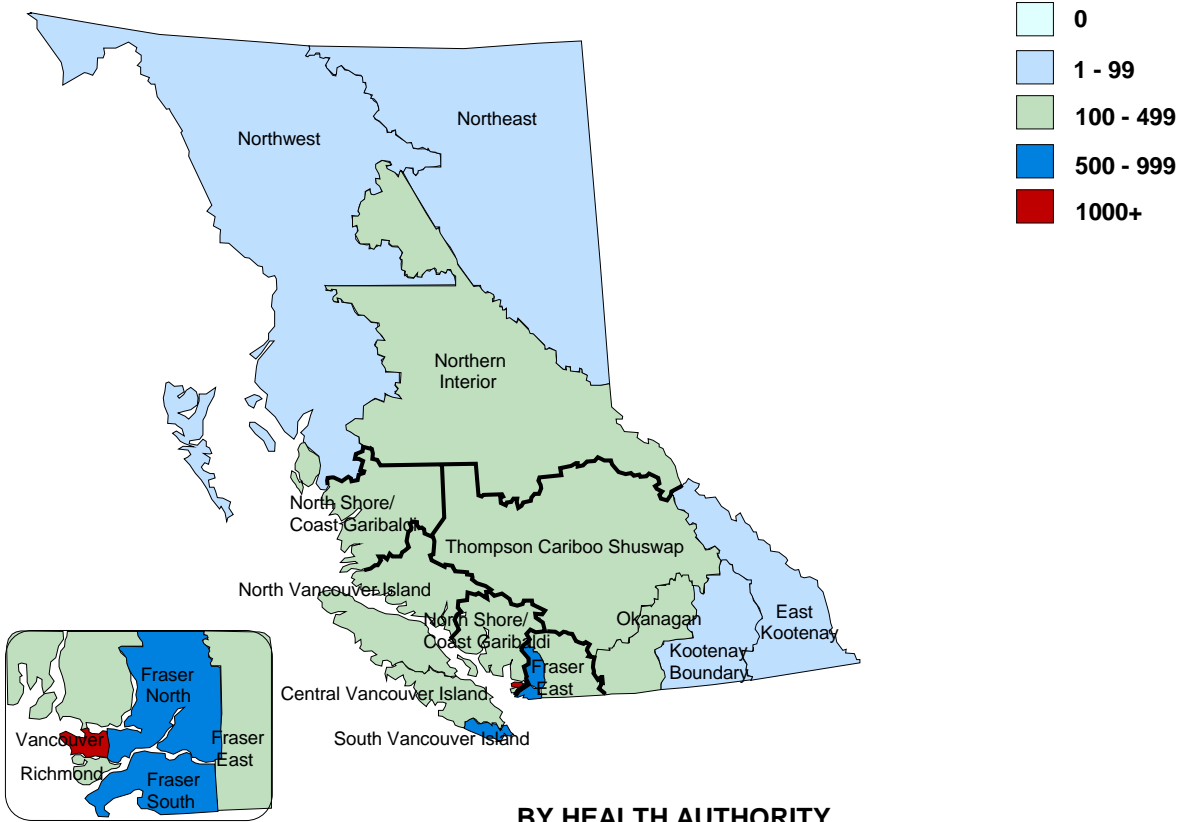




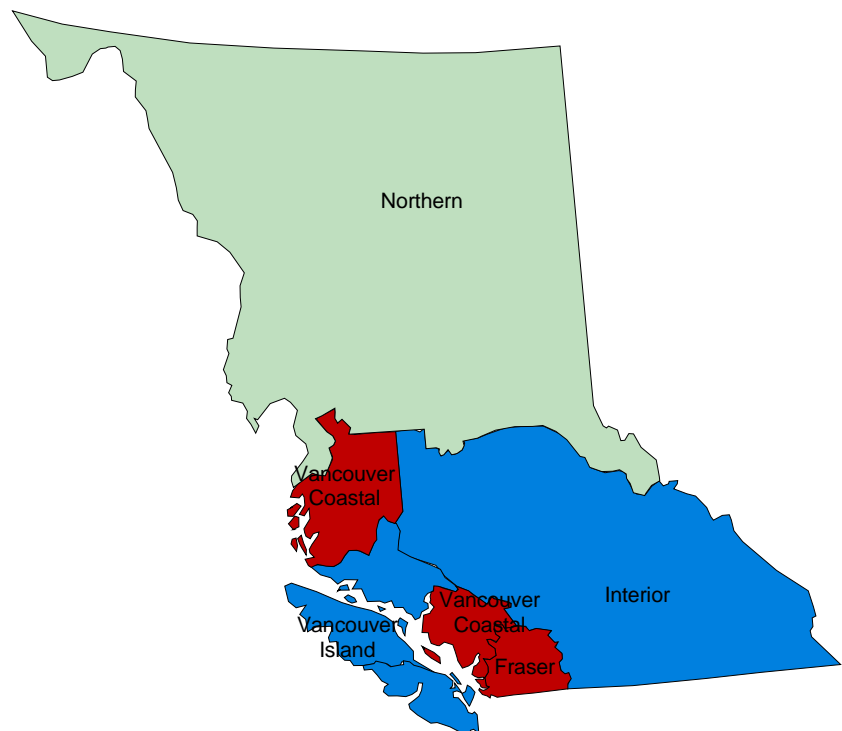
3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants
May 2021

N = 7466

BY HEALTH SERVICES DELIVERY AREA



BY HEALTH AUTHORITY

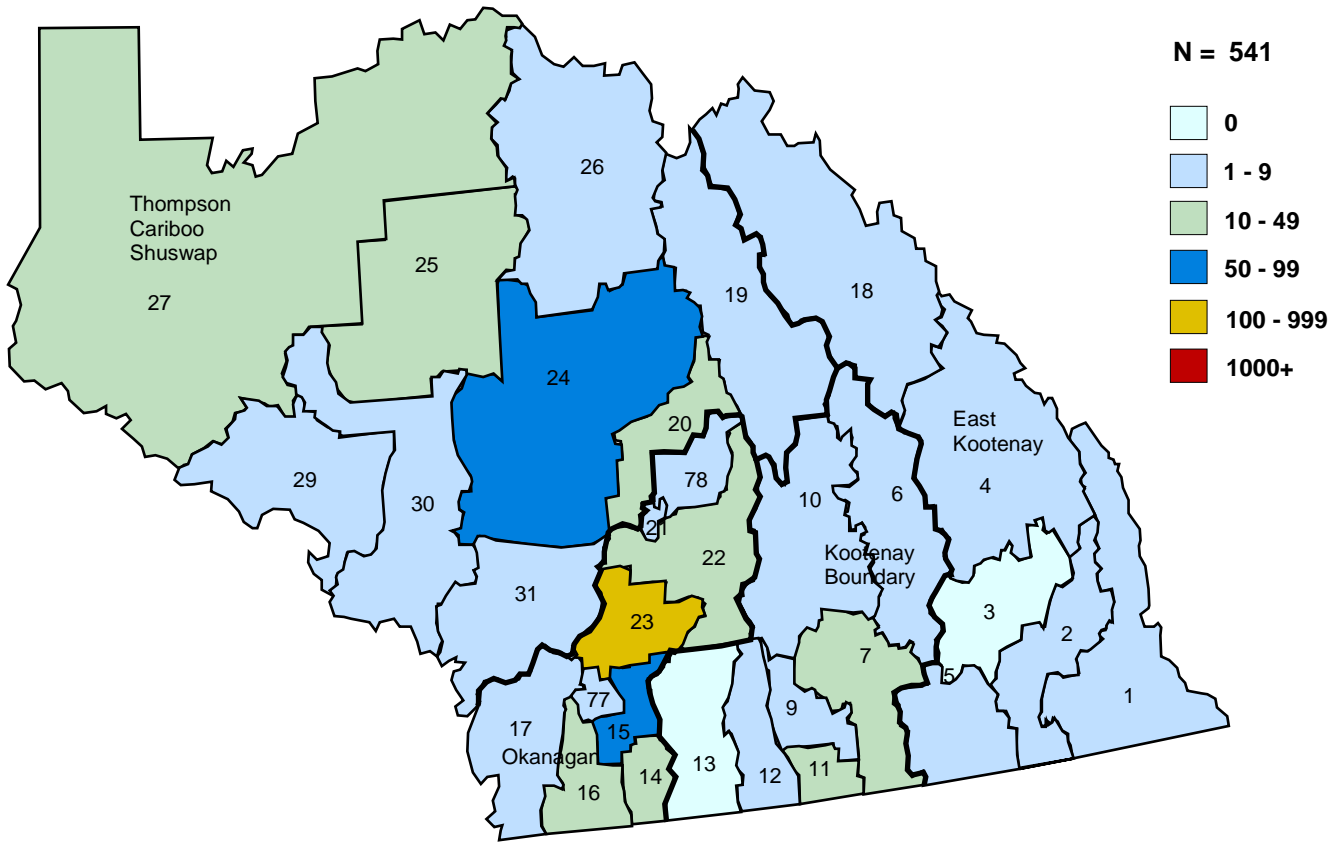




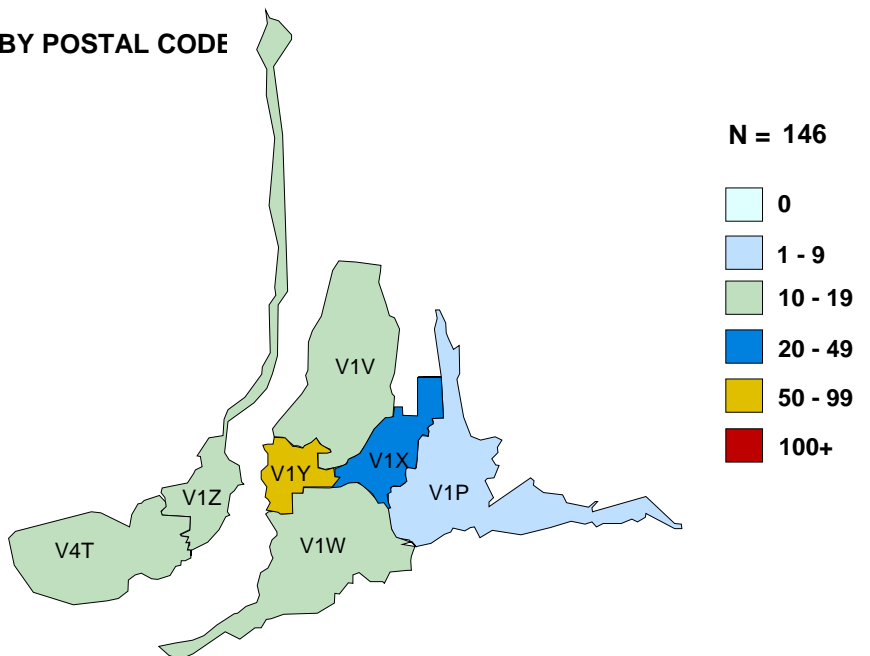
3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participants

May 2021

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



KELOWNA BY POSTAL CODE

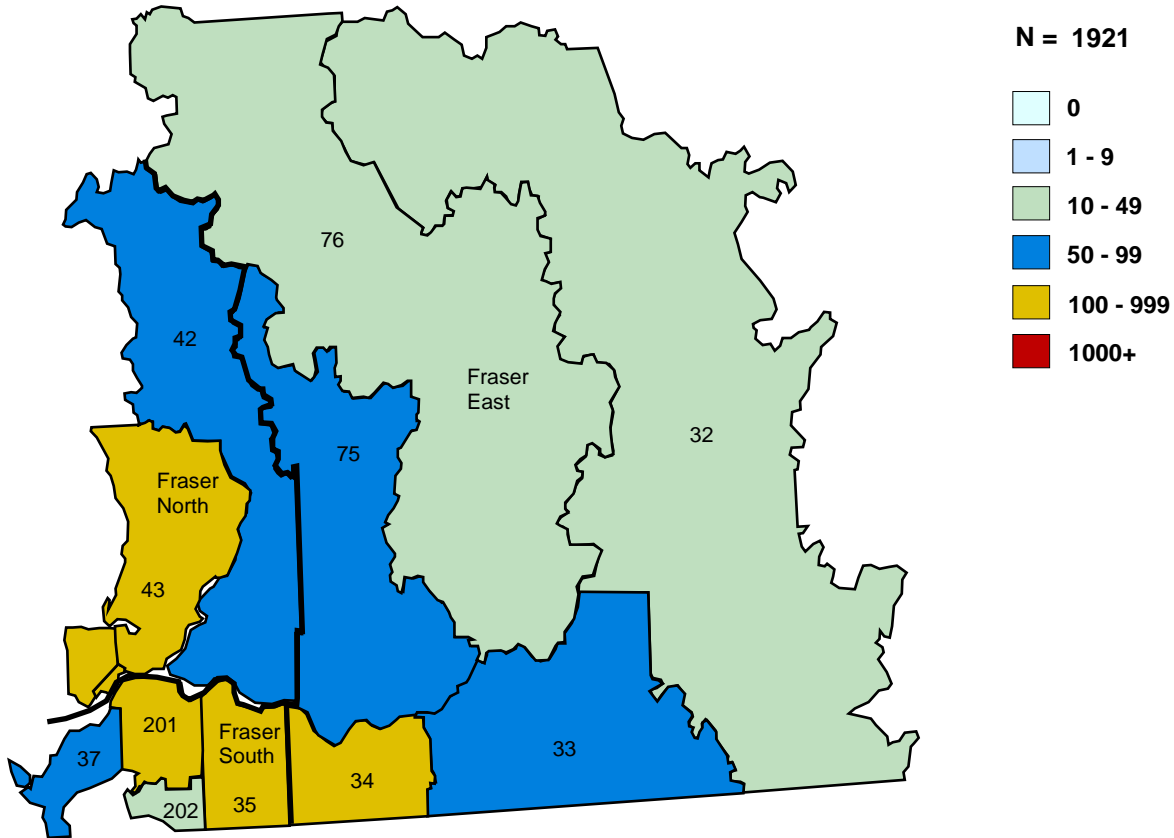




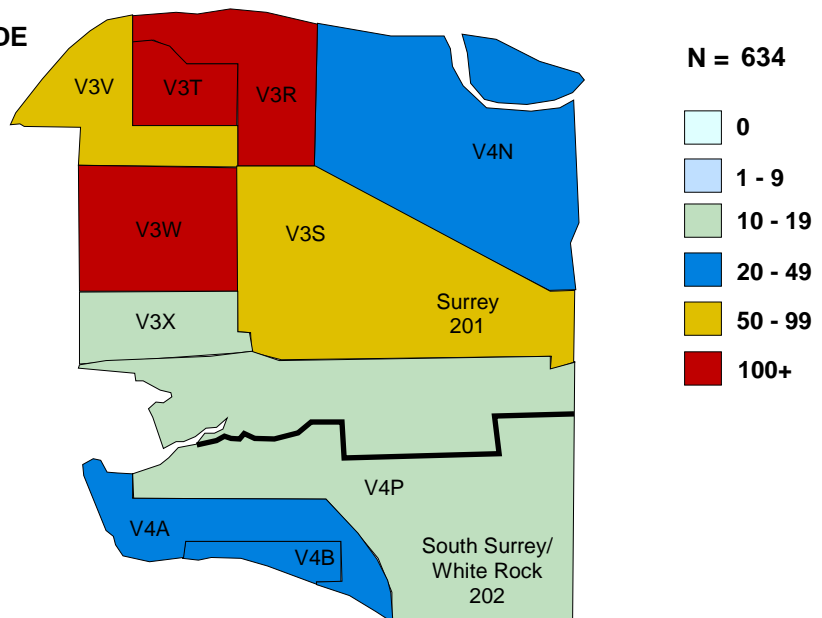
3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participants

May 2021

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



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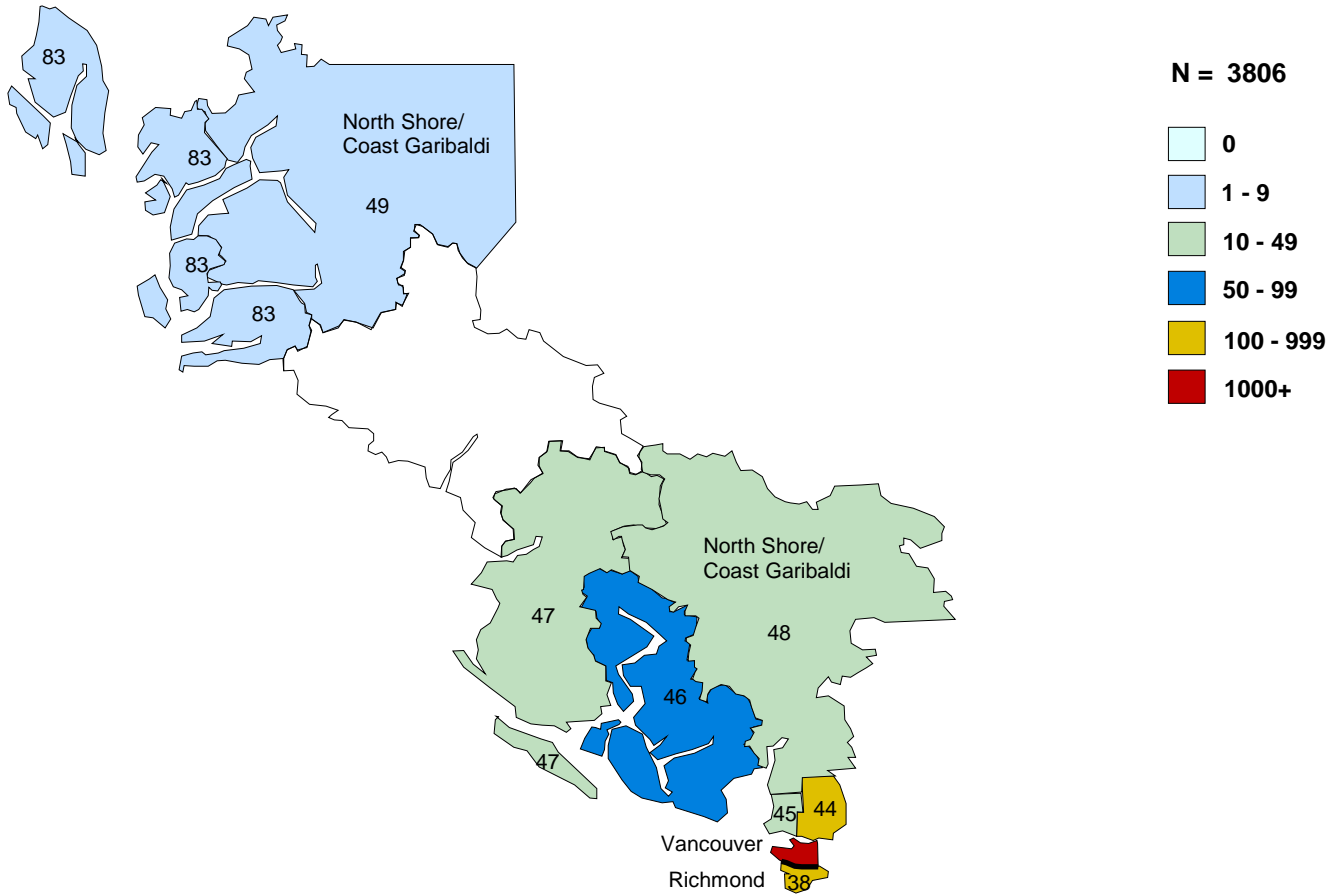




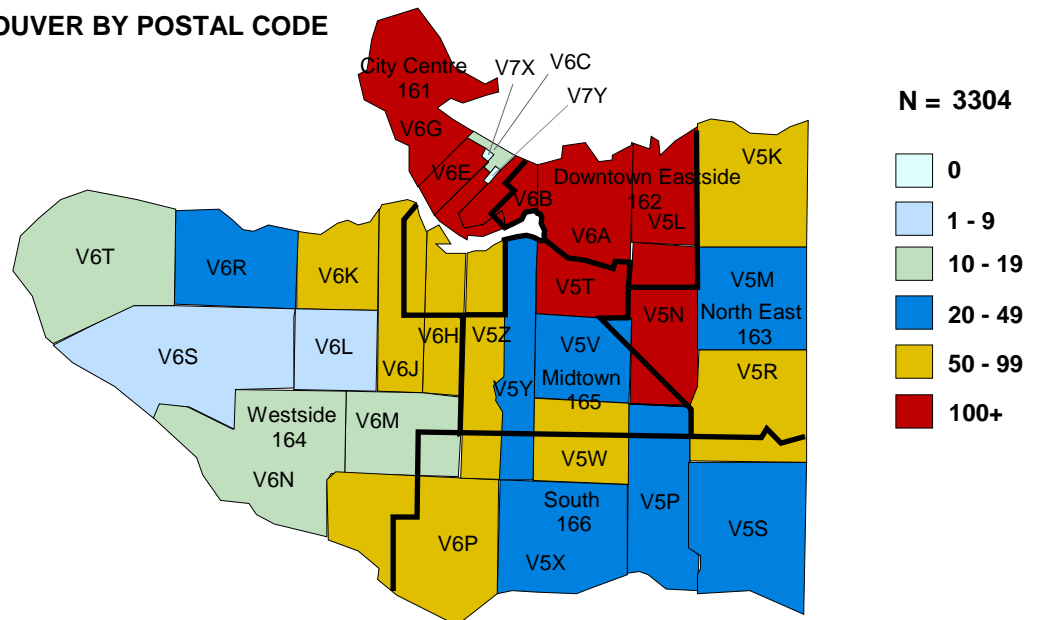
3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participants

May 2021

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



VANCOUVER BY POSTAL CODE

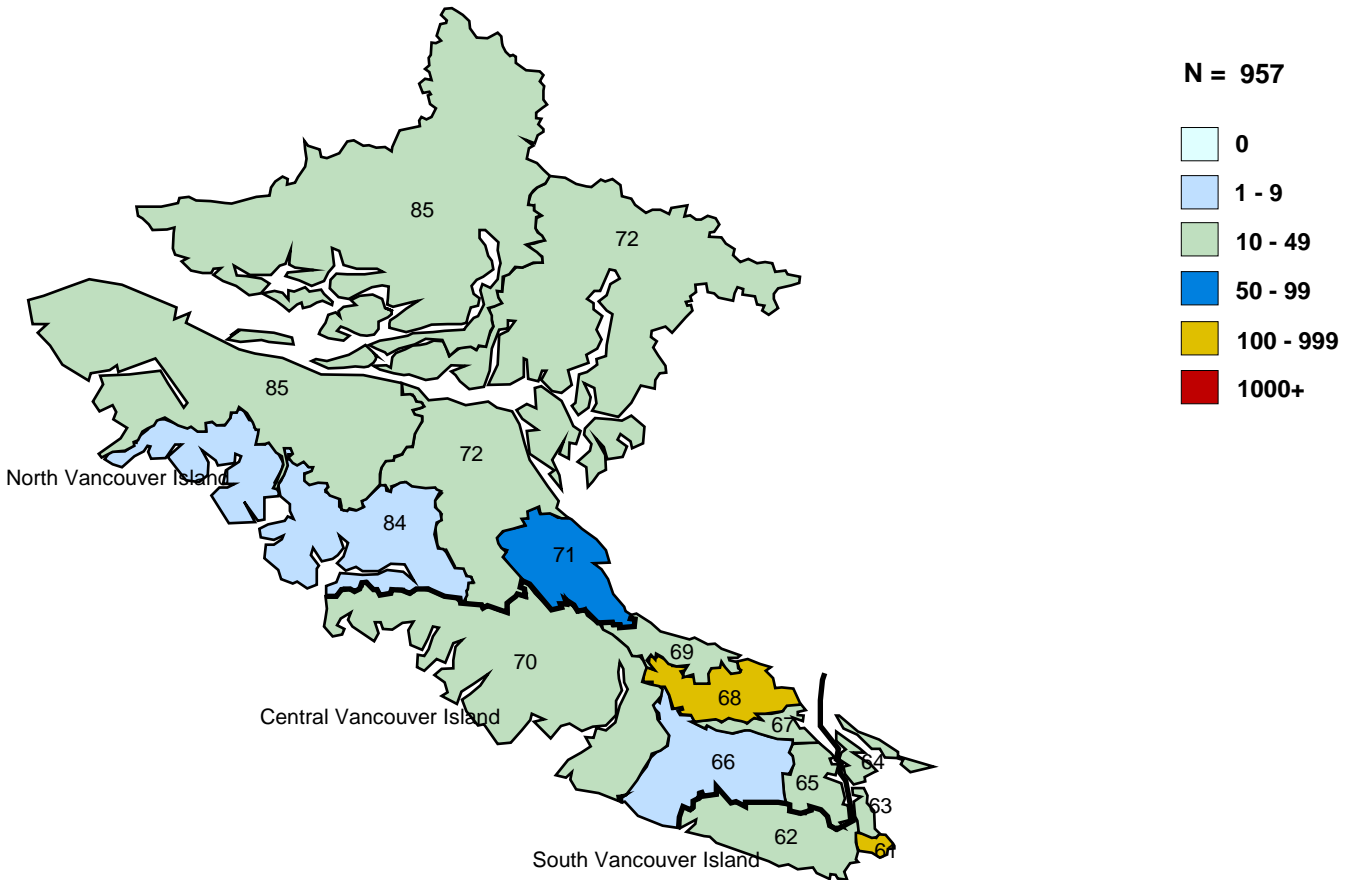




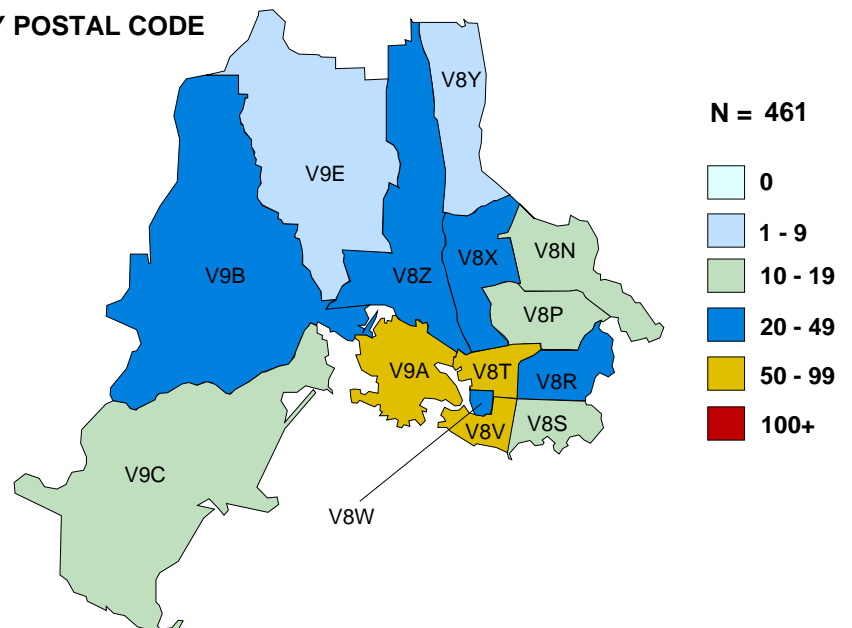
3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participants

May 2021

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



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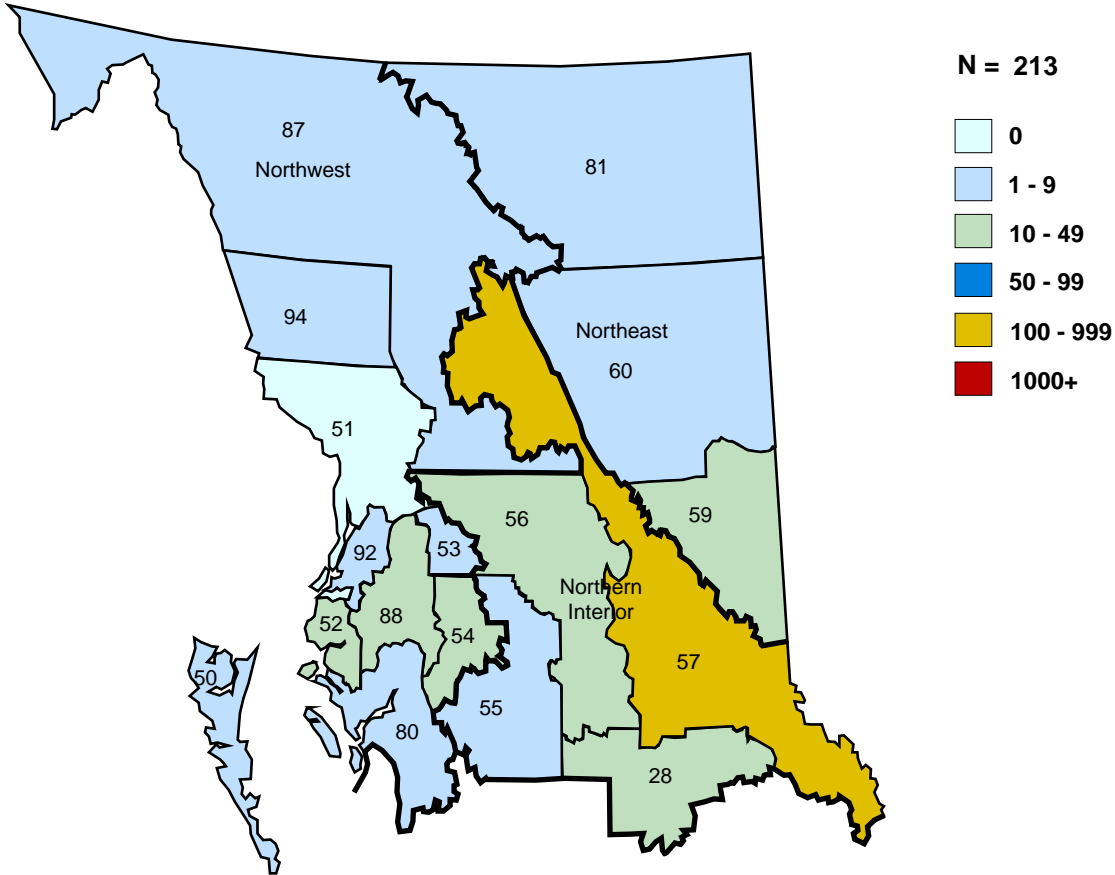




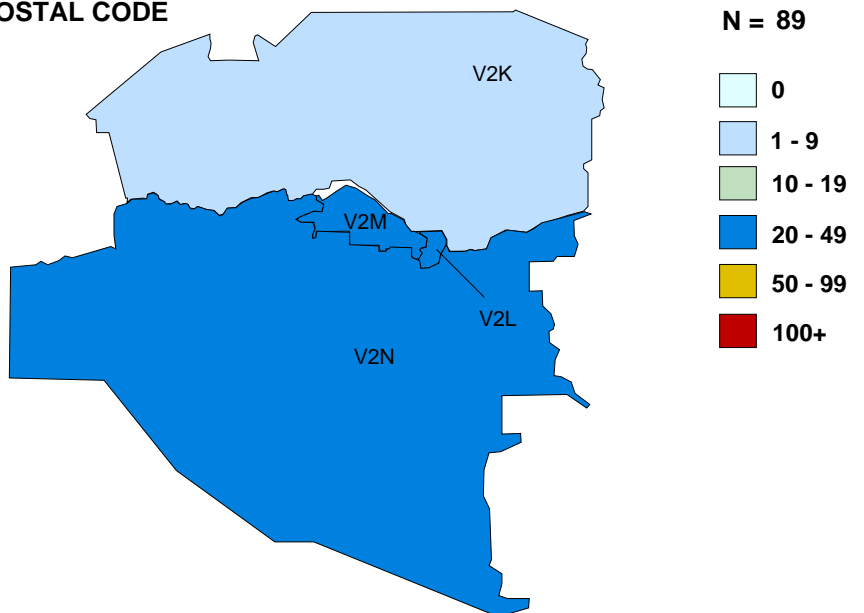
3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participants

May 2021

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 Gender INTERIOR Health Authority

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
EAST KOOTENAY	20-34	6	6	5
	35-49	10	11	6
	50+	28	40	19
	Total HSDA:	44	57	30
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	73	98	57	
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	401	540	308	
THOMPSON/CARIBOO/ SHUSWAP	20-34	19	19	12
	35-49	67	73	43
	50+	113	185	91
	Total HSDA:	199	277	146
Total HA:		717	972	541

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		717	972	541

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	577	781	437
Female	140	191	104

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	541	56	620	35

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

Definitions:

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

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

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

HSDA	Treatment Duration	Alive	Currently treated with ARVs
EAST KOOTENAY	10 years or more	22	12
	5 years or more	11	8
	<5 years	11	10
	Total HSDA:	44	30
KOOTENAY BOUNDARY	10 years or more	48	36
	5 years or more	15	11
	<5 years	10	10
	Total HSDA:	73	57
OKANAGAN	10 years or more	252	184
	5 years or more	90	74
	<5 years	59	50
	Total HSDA:	401	308
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	117	88
	5 years or more	46	36
	<5 years	36	22
	Total HSDA:	199	146
Total HA:		717	541

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	439	320
5 years or more	162	129
<5 years	116	92
Total HA:	717	541

* 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 Prescribing Physicians in BC-CfE Registries INTERIOR Health Authority

HSDA of Physician Residency	# of Physicians ever prescribed ARVs	# of Patients ever treated by Physicians	# of Physicians currently prescribing ARVs	# of Patients currently treated by Physicians
EAST KOOTENAY	51	68	16	27
KOOTENAY BOUNDARY	76	126	26	47
OKANAGAN	226	964	55	293
THOMPSON/CARIBOO/SHUSWAP	141	530	37	128
Total:	494	1688	134	495

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
EAST KOOTENAY	*
KOOTENAY BOUNDARY	*
OKANAGAN	*
THOMPSON/CARIBOO/SHUSWAP	*
Total:	107

* 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 Physician out of HA is defined as patients residing in specified HSDA, but their follow-up physician(s) reside in another HA



4.4 Distribution of Participants in BC-CfE Registries by Age and Gender FRASER Health Authority

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
FRASER EAST	0-19	6	6	6
	20-34	32	34	26
	35-49	96	102	62
	50+	242	332	187
	Total HSDA:	376	474	281
FRASER NORTH	20-34	120	120	77
	35-49	340	365	256
	50+	607	962	478
	Total HSDA:	1067	1447	811
FRASER SOUTH	0-19	5	5	5
	20-34	115	117	85
	35-49	315	352	256
	50+	582	868	483
	Total HSDA:	1017	1342	829
Total HA:		2460	3263	1921

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	11	11	11
	20-34	267	271	188
	35-49	751	819	574
	50+	1431	2162	1148
Total HA:		2460	3263	1921

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	1853	2490	1469
Female	607	773	452

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	1921	52	640	35

* 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	228	175
	5 years or more	84	58
	<5 years	64	48
	Total HSDA:	376	281
FRASER NORTH	10 years or more	632	459
	5 years or more	242	197
	<5 years	193	155
	Total HSDA:	1067	811
FRASER SOUTH	10 years or more	615	495
	5 years or more	211	168
	<5 years	191	166
	Total HSDA:	1017	829
Total HA:		2460	1921

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1475	1129
	5 years or more	537	423
	<5 years	448	369
Total HA:		2460	1921

* 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 Prescribing Physicians in BC-CfE Registries FRASER Health Authority

HSDA of Physician Residency	# of Physicians ever prescribed ARVs	# of Patients ever treated by Physicians	# of Physicians currently prescribing ARVs	# of Patients currently treated by Physicians
FRASER EAST	141	509	29	58
FRASER NORTH	255	1596	48	217
FRASER SOUTH	223	1640	52	496
Total:	619	3745	129	771

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
FRASER EAST	186
FRASER NORTH	662
FRASER SOUTH	453
Total:	1301

* 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 Physician out of HA is defined as patients residing in specified HSDA, but their follow-up physician(s) reside in another HA



4.7 Distribution of Participants in BC-CfE Registries by Age and Gender 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:		345	500
RICHMOND	20-34	35	36	22
	35-49	44	46	35
	50+	113	162	90
	Total HSDA:	192	244	147
VANCOUVER	0-19	10	10	8
	20-34	437	454	287
	35-49	1324	1476	944
	50+	2923	5069	2136
	Total HSDA:	4694	7009	3375
Total HA:		5231	7753	3806

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	11	11	9
	20-34	497	515	326
	35-49	1450	1613	1044
	50+	3273	5614	2427
Total HA:		5231	7753	3806

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Unknown	2	2	0
Male	4621	6805	3360
Female	608	946	446

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3806	54	650	35

* 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	201	164
	5 years or more	79	66
	<5 years	65	54
	Total HSDA:	345	284
RICHMOND	10 years or more	113	85
	5 years or more	36	26
	<5 years	43	36
	Total HSDA:	192	147
VANCOUVER	10 years or more	3018	2090
	5 years or more	983	731
	<5 years	693	554
	Total HSDA:	4694	3375
Total HA:		5231	3806

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	3332	2339
	5 years or more	1098	823
	<5 years	801	644
Total HA:		5231	3806

* 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 Prescribing Physicians in BC-CfE Registries VANCOUVER COASTAL Health Authority

HSDA of Physician Residency	# of Physicians ever prescribed ARVs	# of Patients ever treated by Physicians	# of Physicians currently prescribing ARVs	# of Patients currently treated by Physicians
NORTH SHORE/COAST GARIBALDI	179	406	53	82
RICHMOND	43	294	8	92
VANCOUVER	644	11126	215	5325
Total:	866	11826	276	5499

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
NORTH SHORE/COAST GARIBALDI	*
RICHMOND	*
VANCOUVER	*
Total:	79

* 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 Physician out of HA is defined as patients residing in specified HSDA, but their follow-up physician(s) reside in another HA

4.10 Distribution of Participants in BC-CfE Registries by Age and Gender 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:		338	488
NORTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		127	173
SOUTH VANCOUVER ISLAND	20-34	77	81	55
	35-49	188	216	147
	50+	497	791	376
	Total HSDA:	762	1088	578
Total HA:		1227	1749	957

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		1227	1749	957

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	1013	1443	793
Female	214	306	164

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	957	55	570	35

* 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	198	162
	5 years or more	74	56
	<5 years	66	56
	Total HSDA:	338	274
NORTH VANCOUVER ISLAND	10 years or more	81	69
	5 years or more	30	21
	<5 years	16	15
	Total HSDA:	127	105
SOUTH VANCOUVER ISLAND	10 years or more	445	308
	5 years or more	156	137
	<5 years	161	133
	Total HSDA:	762	578
Total HA:		1227	957

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	724	539
	5 years or more	260	214
	<5 years	243	204
Total HA:		1227	957

* 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 Prescribing Physicians in BC-CfE Registries
VANCOUVER ISLAND Health Authority**

HSDA of Physician Residency	# of Physicians ever prescribed ARVs	# of Patients ever treated by Physicians	# of Physicians currently prescribing ARVs	# of Patients currently treated by Physicians
CENTRAL VANCOUVER ISLAND	203	898	76	198
NORTH VANCOUVER ISLAND	152	273	46	73
SOUTH VANCOUVER ISLAND	217	1855	43	559
Total:	572	3026	165	830

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
CENTRAL VANCOUVER ISLAND	55
NORTH VANCOUVER ISLAND	40
SOUTH VANCOUVER ISLAND	117
Total:	212

* 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 Physician out of HA is defined as patients residing in specified HSDA, but their follow-up physician(s) reside in another HA



4.13 Distribution of Participants in BC-CfE Registries by Age and Gender NORTHERN Health Authority

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
NORTH EAST	20-34	*	*	0
	35-49	*	*	10
	50+	*	*	12
	Total HSDA:	41	52	22
NORTH WEST	20-34	*	6	0
	35-49	*	40	20
	50+	*	69	33
	Total HSDA:	71	115	53
NORTHERN INTERIOR	0-19	6	6	*
	20-34	22	24	*
	35-49	62	78	*
	50+	101	172	*
	Total HSDA:	191	280	138
Total HA:		303	447	213

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	*
	20-34	29	33	*
	35-49	104	138	*
	50+	164	270	*
Total HA:		303	447	213

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	187	277	131
Female	116	170	82

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	213	51	560	35

* 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	25	*
	5 years or more	10	*
	<5 years	6	*
	Total HSDA:	41	22
NORTH WEST	10 years or more	42	32
	5 years or more	18	12
	<5 years	11	9
	Total HSDA:	71	53
NORTHERN INTERIOR	10 years or more	88	68
	5 years or more	63	46
	<5 years	40	24
	Total HSDA:	191	138
Total HA:		303	213

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	155	112
	5 years or more	91	65
	<5 years	57	36
Total HA:		303	213

* 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 Prescribing Physicians in BC-CfE Registries
NORTHERN Health Authority**

HSDA of Physician Residency	# of Physicians ever prescribed ARVs	# of Patients ever treated by Physicians	# of Physicians currently prescribing ARVs	# of Patients currently treated by Physicians
NORTH EAST	40	62	4	5
NORTH WEST	80	166	16	35
NORTHERN INTERIOR	118	470	17	186
Total:	238	698	37	226

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
NORTH EAST	7
NORTH WEST	19
NORTHERN INTERIOR	13
Total:	39

* 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 Physician out of HA is defined as patients residing in specified HSDA, but their follow-up physician(s) reside in another HA



4.16 Distribution of Aboriginal Participants in BC-CfE Registries by Health Service Delivery Area and Gender

HA	HSDA	Alive	Ever treated with ARVs	Currently treated with ARVs
INTERIOR	EAST KOOTENAY	6	10	5
	KOOTENAY BOUNDARY	6	9	6
	OKANAGAN	27	43	16
	THOMPSON/CARIBOO/SHUSWAP	24	48	17
	Total HA:	63	110	44
FRASER	FRASER EAST	38	50	28
	FRASER NORTH	51	88	39
	FRASER SOUTH	80	113	59
	Total HA:	169	251	126
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	26	49	22
	RICHMOND	8	13	5
	VANCOUVER	485	894	381
	Total HA:	519	956	408
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	49	82	40
	NORTH VANCOUVER ISLAND	17	27	14
	SOUTH VANCOUVER ISLAND	39	83	27
	Total HA:	105	192	81
NORTHERN	NORTH EAST	10	14	7
	NORTH WEST	30	63	23
	NORTHERN INTERIOR	72	113	60
	Total HA:	112	190	90
Total:		968	1699	749

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	608	1089	470
Female	360	610	279

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	749	52	510	35

* 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 (Ziagen, ABC): 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

Amphotericin B (Fungilin): a drug used for treatment of candidiasis and other fungal infections.

Amprenavir (Agenerase, APV): a PROTEASE INHIBITOR from ViiV Healthcare. No longer marketed in Canada.

Antiretroviral (ARV): 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, ATV): a PROTEASE INHIBITOR from Bristol-Myers Squibb.

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

Atripla (ATP): 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.

Combivir (CBV): the ViiV Healthcare trade name for a tablet containing both ZIDOVUDINE and LAMIVUDINE.

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

Darunavir (Prezista, DRV): 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.





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

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

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

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

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

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

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

Enfuvirtide (Fuzeon, T20): 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, ETV): a NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR from Janssen that has activity against HIV in treatment-experienced patients.

Ethambutol (Myambutol): an antibiotic used in COMBINATION THERAPY for treatment of mycobacterial infections such as tuberculosis and mycobacterium avium complex (MAC).

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

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

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

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

Granulocyte Colony Stimulating Factor (GCSF, Neupogen): a natural hormone that stimulates production of granulocytes, a type of white blood cell (leukocyte).

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

Lamivudine (3TC): a NUCLEOSIDE ANALOG from ViiV Healthcare with activity against HIV and hepatitis B.

Lopinavir (Kaletra, LPV/r): 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.





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Maraviroc (Celsentri, MVC): 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.

Moxifloxacin: a fluoroquinolone antibiotic that is used for treatment of mycobacterium avium complex which is resistant to clarithromycin.

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, NFV): 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, NVP): 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.

NRTI: see NUCLEOSIDE 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.

Octreotide Acetate (Sandostatin): a drug used to treat chronic refractory diarrhea.

Odefsey (ODF): 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).

Paromomycin (Humatin): an antibiotic used to treat infections caused by intestinal parasites, including AIDS-related cryptosporidiosis.





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

PI: see PROTEASE INHIBITOR.

Prezcobix (PZC): 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 (RGV, 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, RPV): a NON-NUCELOSIDE REVERSE TRANSCRIPTASE INHIBITOR (NNRTI) from Janssen.

Ritonavir (Norvir, RTV): 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, SQV): a PROTEASE INHIBITOR from Hoffman-La Roche.

Stavudine (Zerit, d4T): 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 (STR): 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, TPV): 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 (TRQ): the ViiV Healthcare’s trade name for a tablet containing DOLUTEGRAVIR, ABACAVIR and LAMIVUDINE.

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

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





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

