



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

February 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.

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





EXECUTIVE SUMMARY

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

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

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





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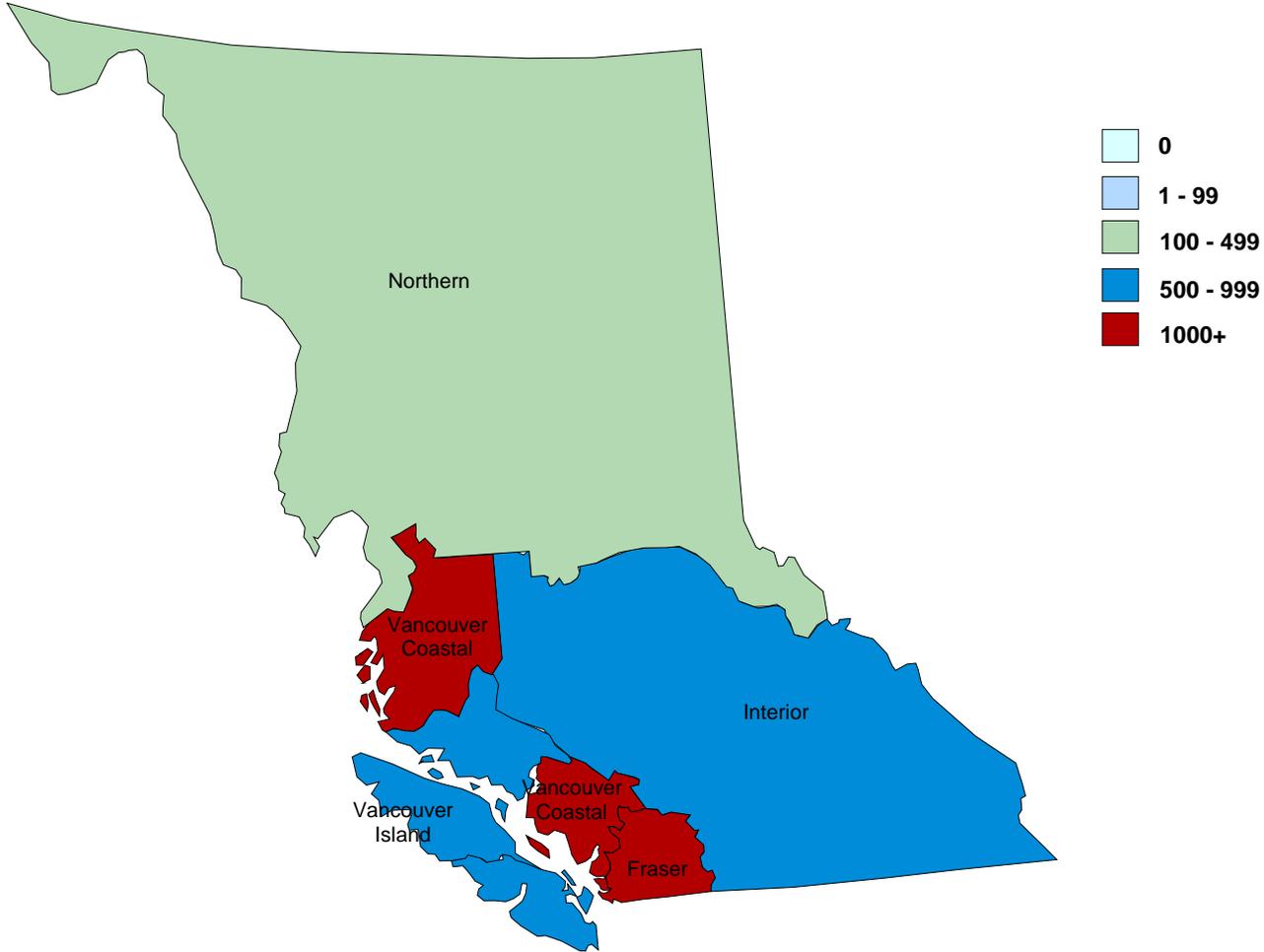




1.1 Distribution of men and women on antiretroviral therapy in British Columbia by Health Authority

February 2021

N = 7389



Health Authority	Male	Female	All
FRASER	1448	448	1896
INTERIOR	439	105	544
NORTHERN	140	81	221
VANCOUVER COASTAL	3334	436	3770
VANCOUVER ISLAND	772	160	932
	6133	1230	7363
		Unknown/not stated:	26
		Total:	7389

Definitions:

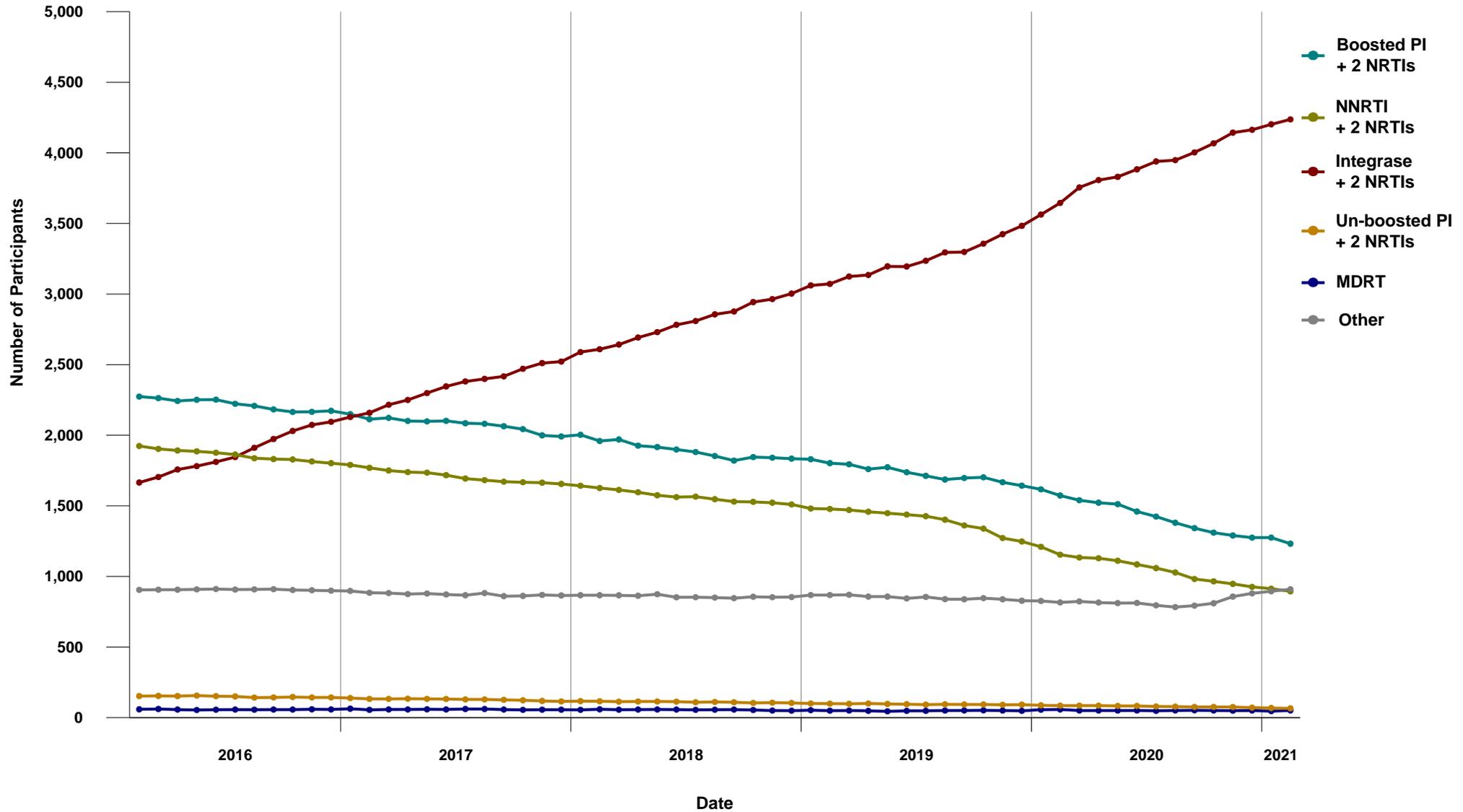
On antiretroviral therapy defined as being on treatment in the current month

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



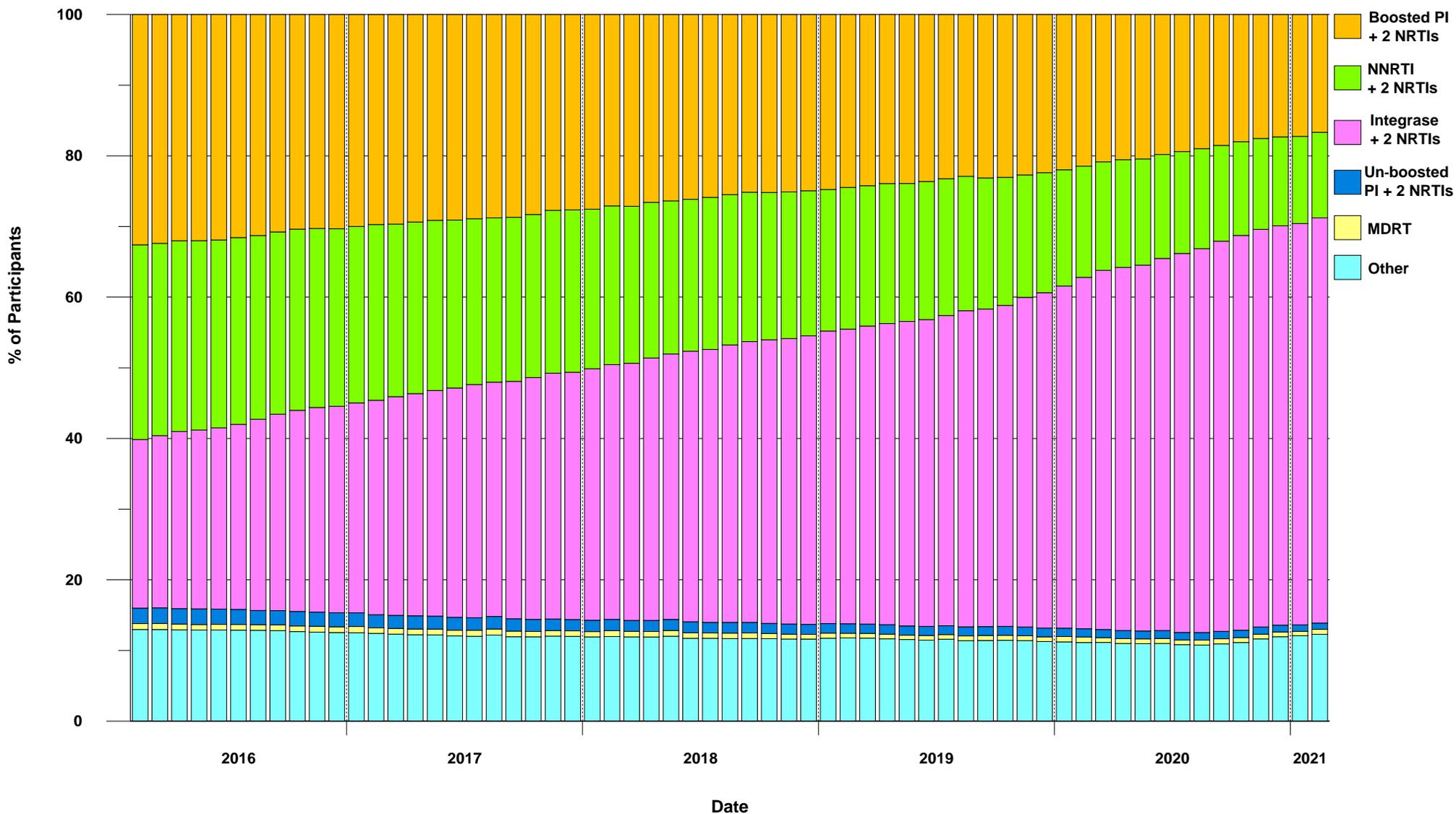


1.2 Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Class (February 2016 - February 2021)



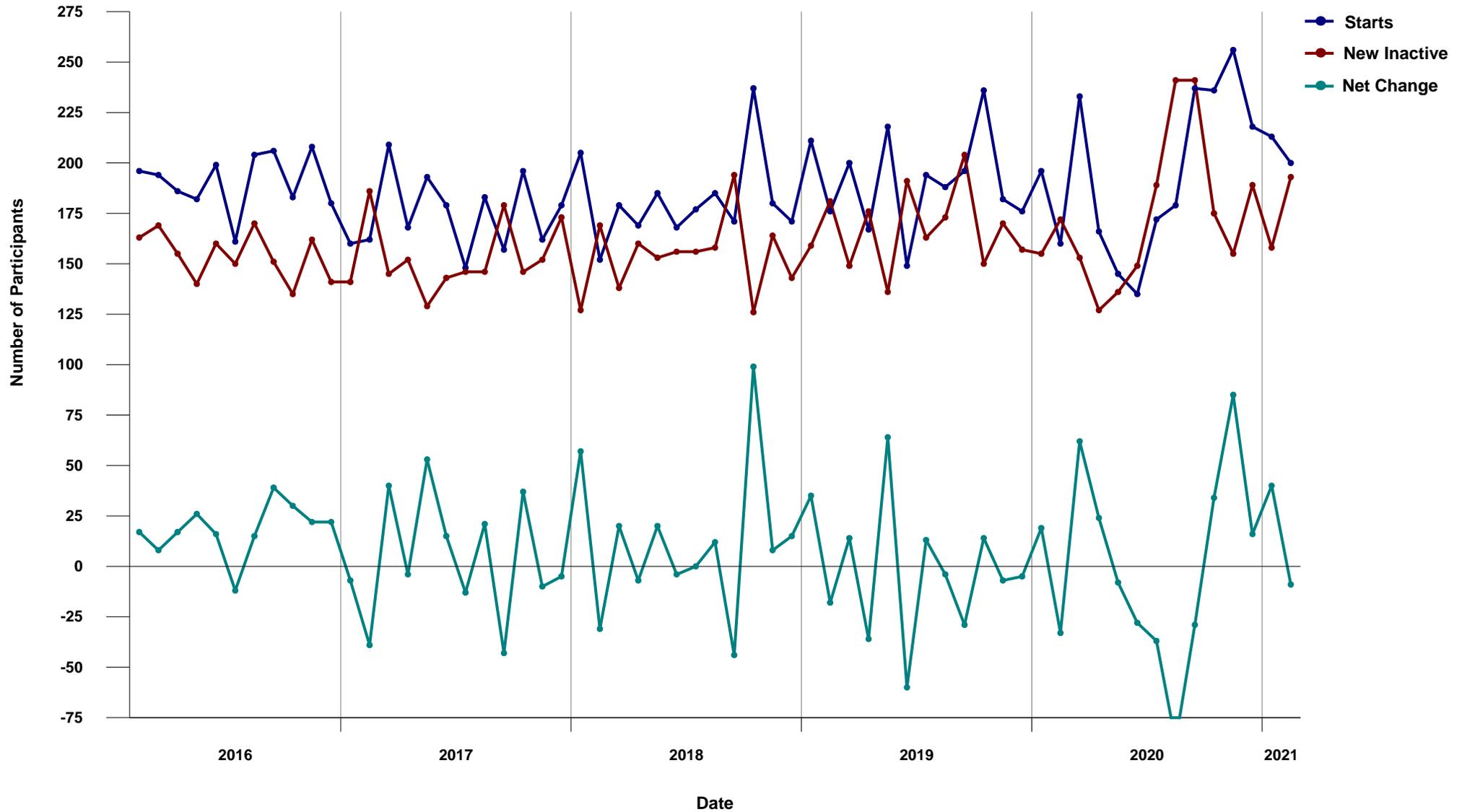


1.3 Percent Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Class (February 2016 - February 2021)



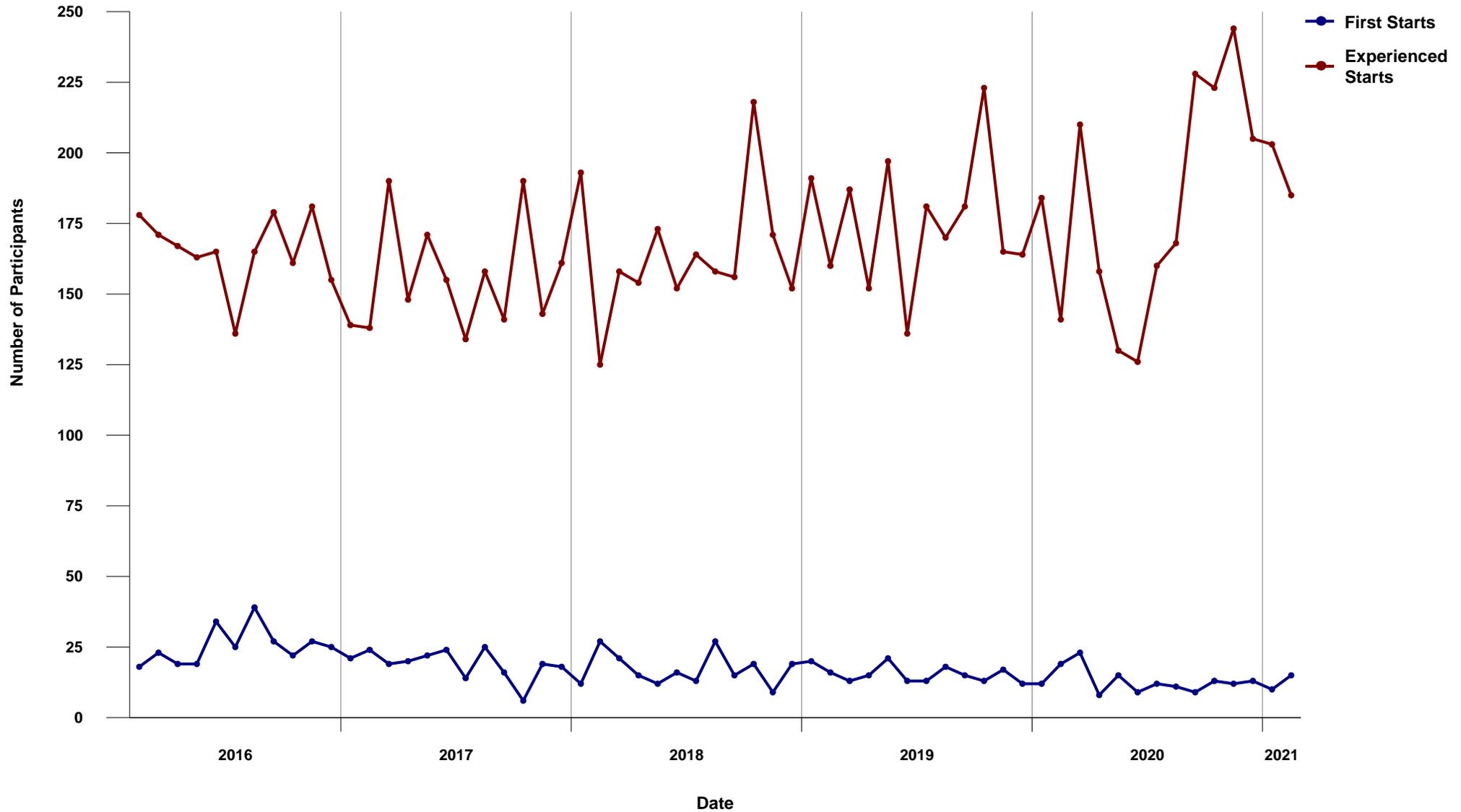


1.4 BC-CfE Enrollment: Net Number of New Antiretroviral Participants (February 2016 - February 2021)



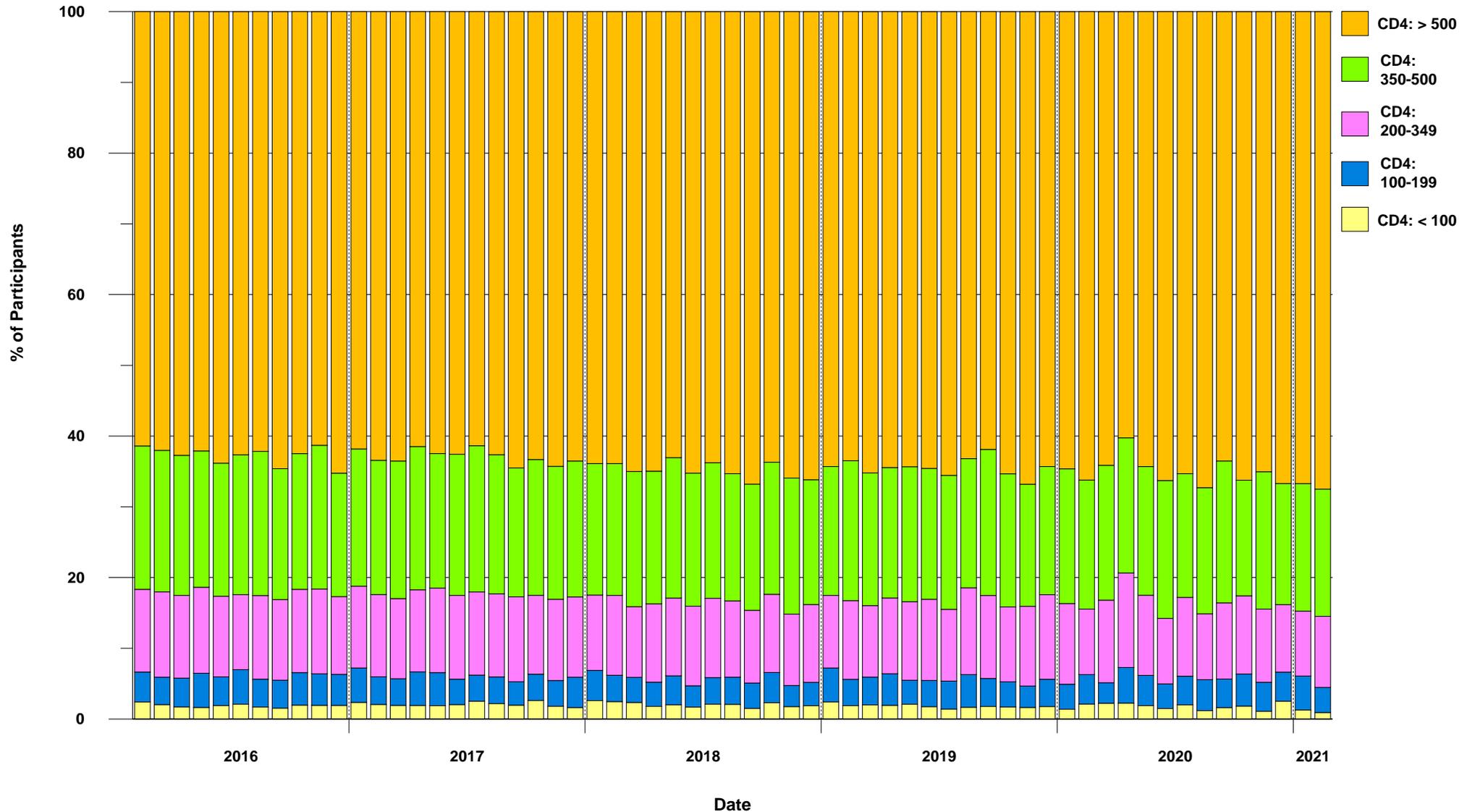


1.5 BC-CfE Enrollment: New Antiretroviral Participants (February 2016 - February 2021)



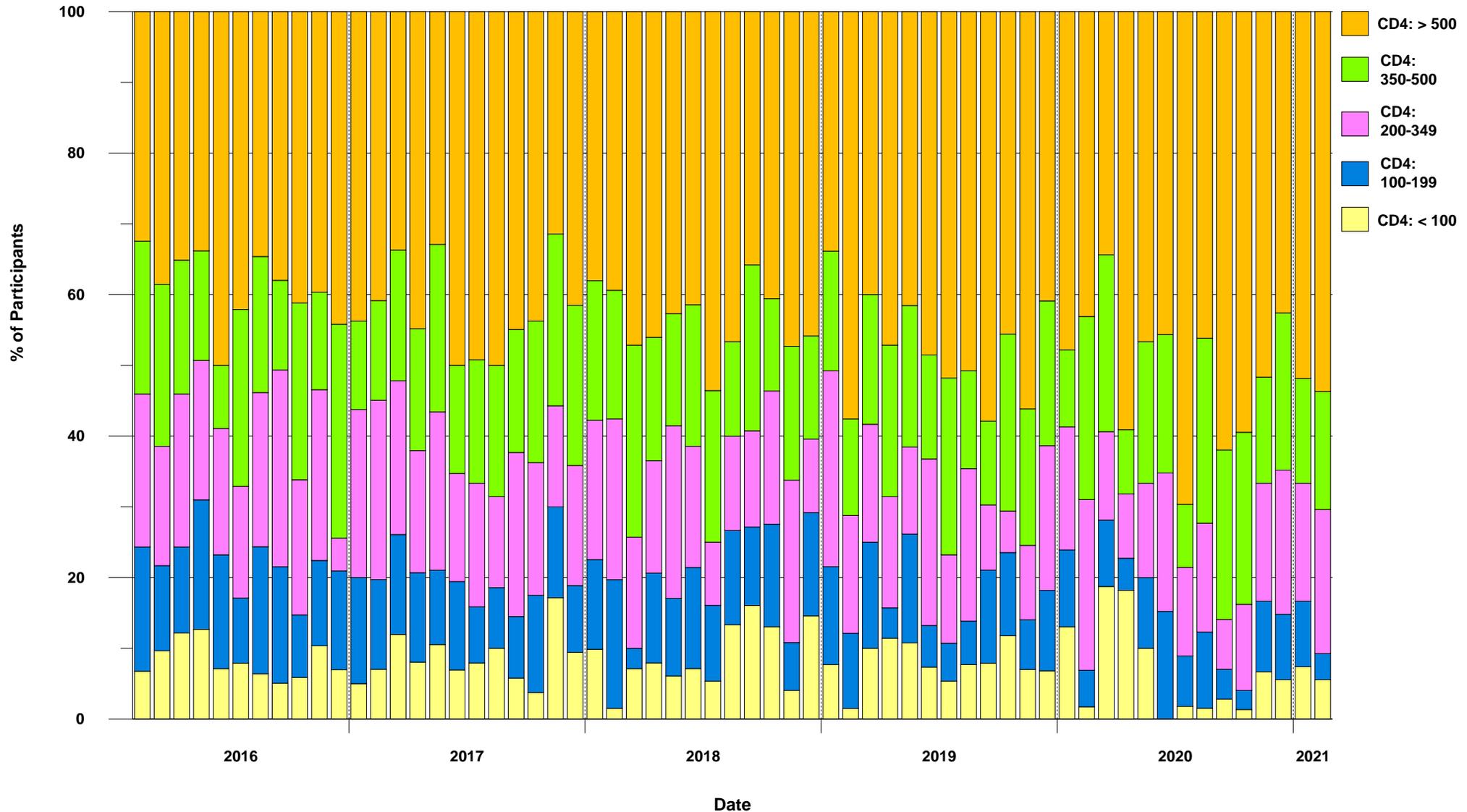


1.6 Percent Distribution of Active Participants by CD4 Count (February 2016 - February 2021)



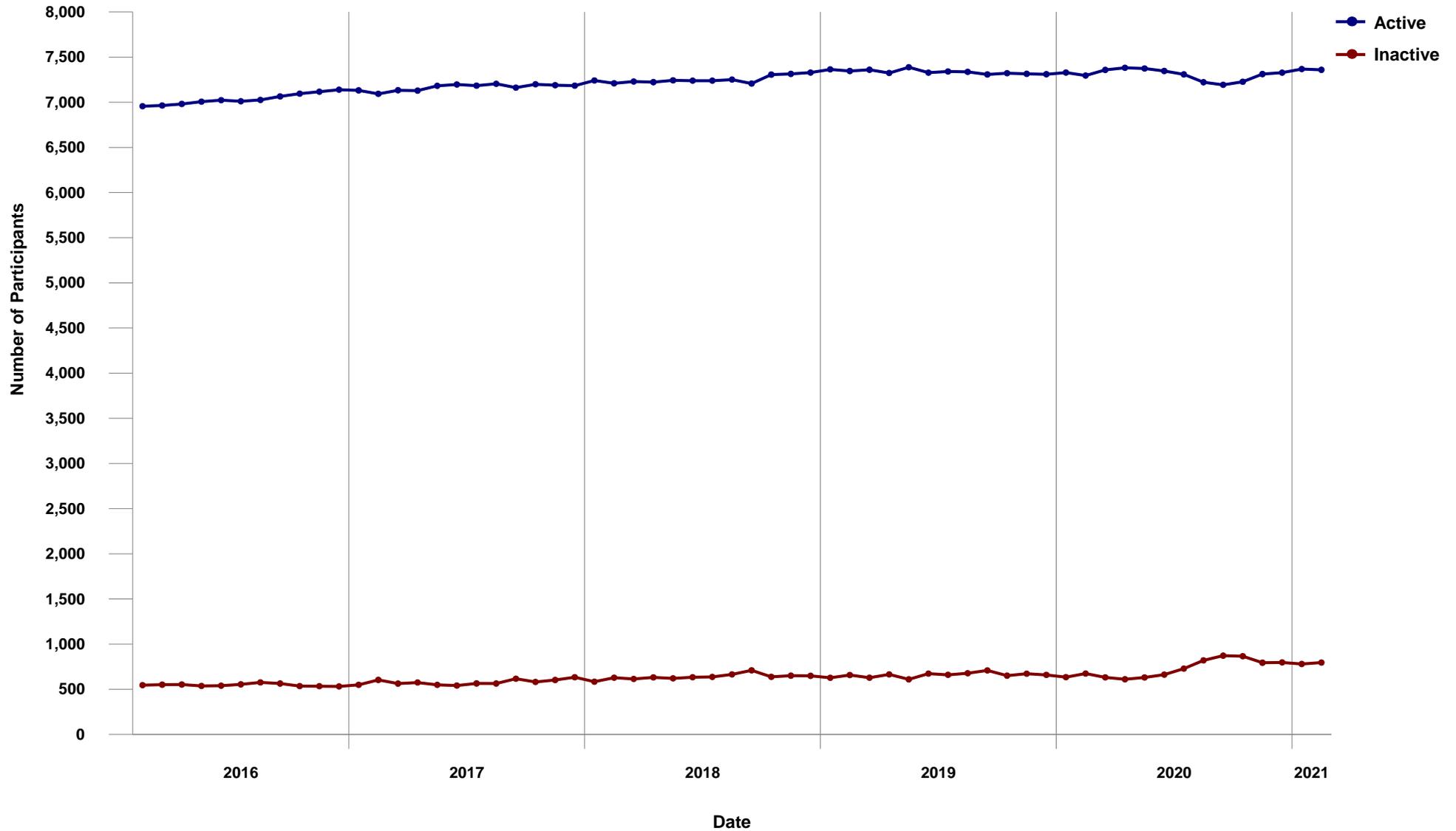


1.7 Percent Distribution of Inactive Participants by CD4 Count (February 2016 - February 2021)



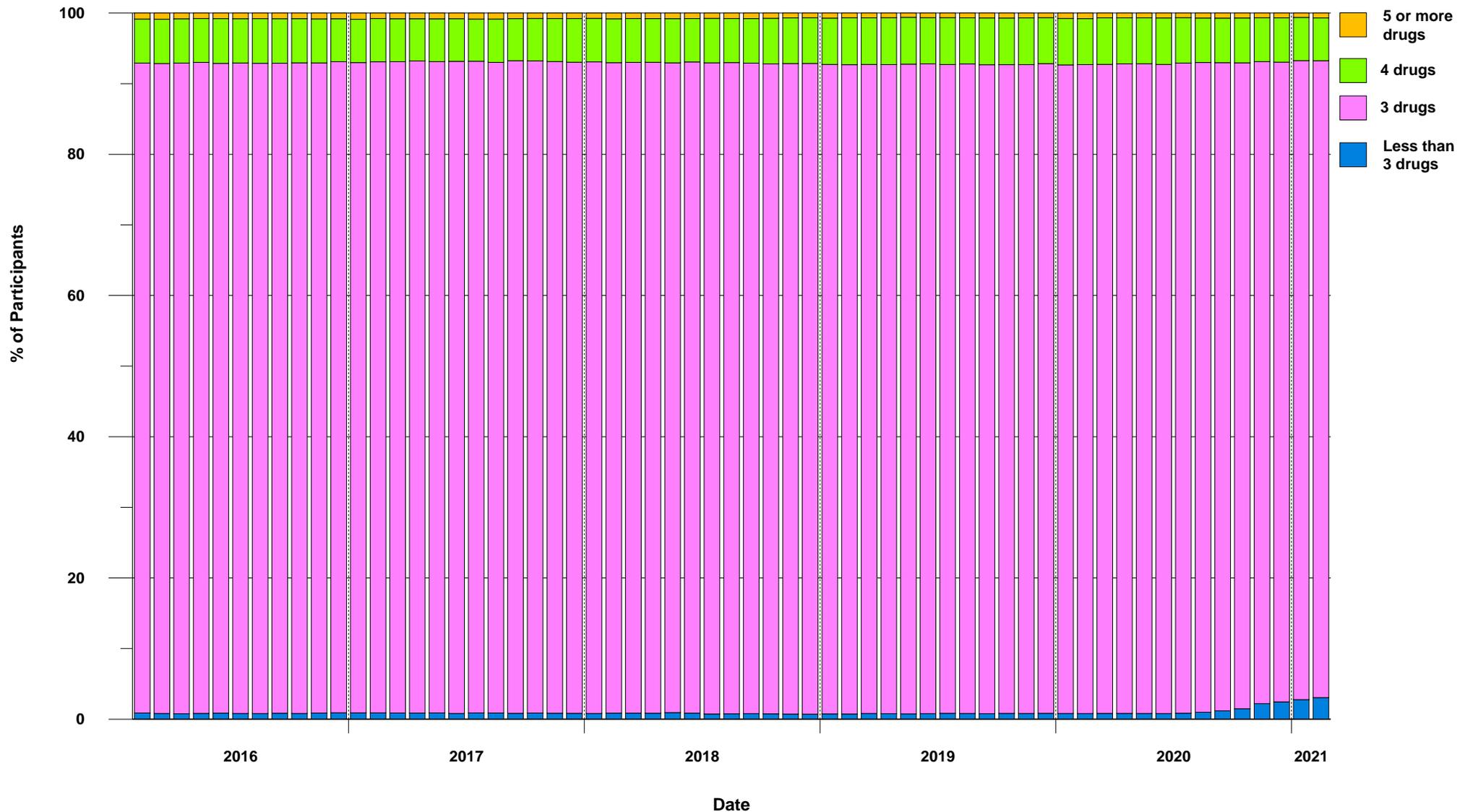


1.8 Active and Inactive Participants (February 2016 - February 2021)



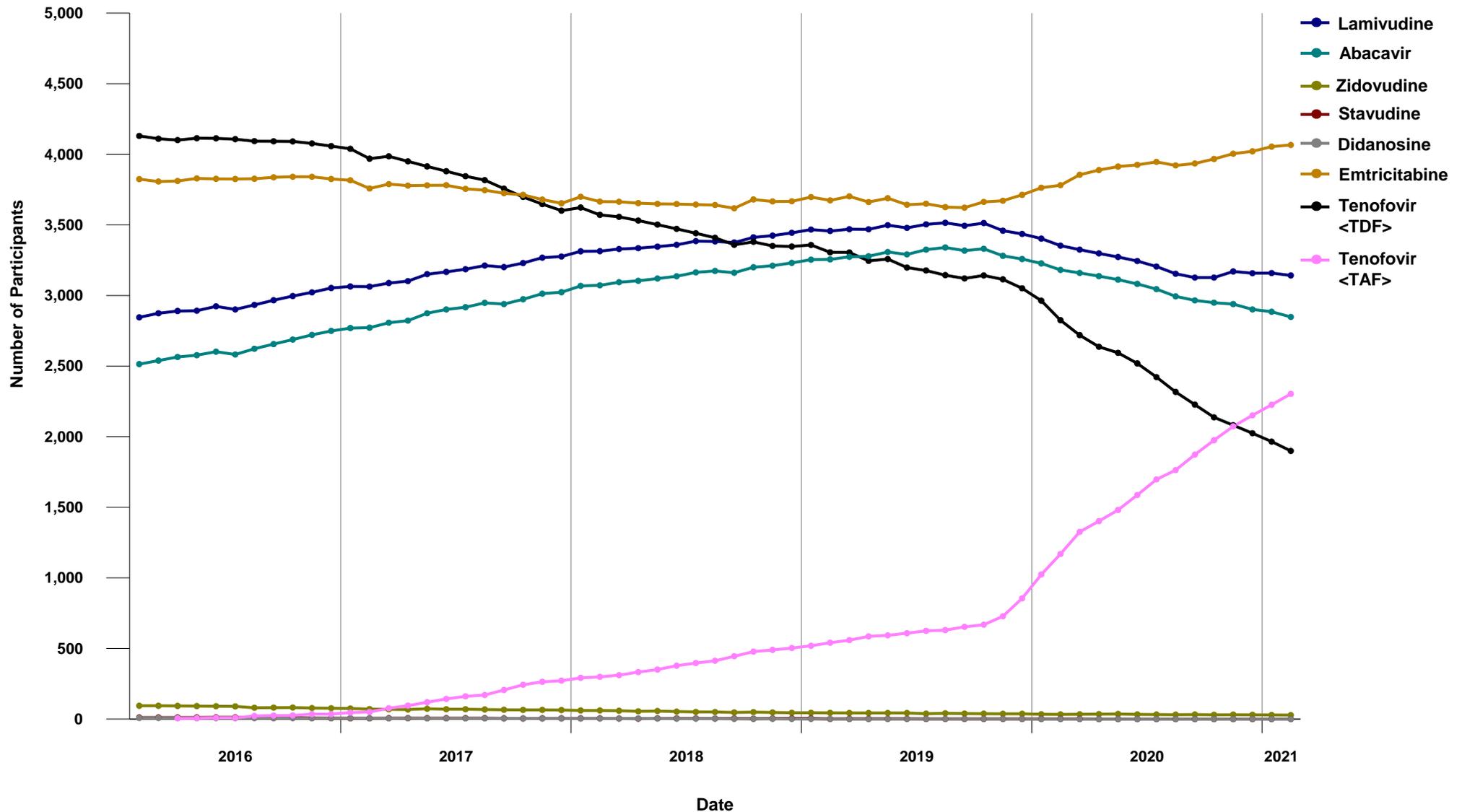


1.9 Percent Distribution of Participants on ARV Therapy by Number of Drugs (February 2016 - February 2021)



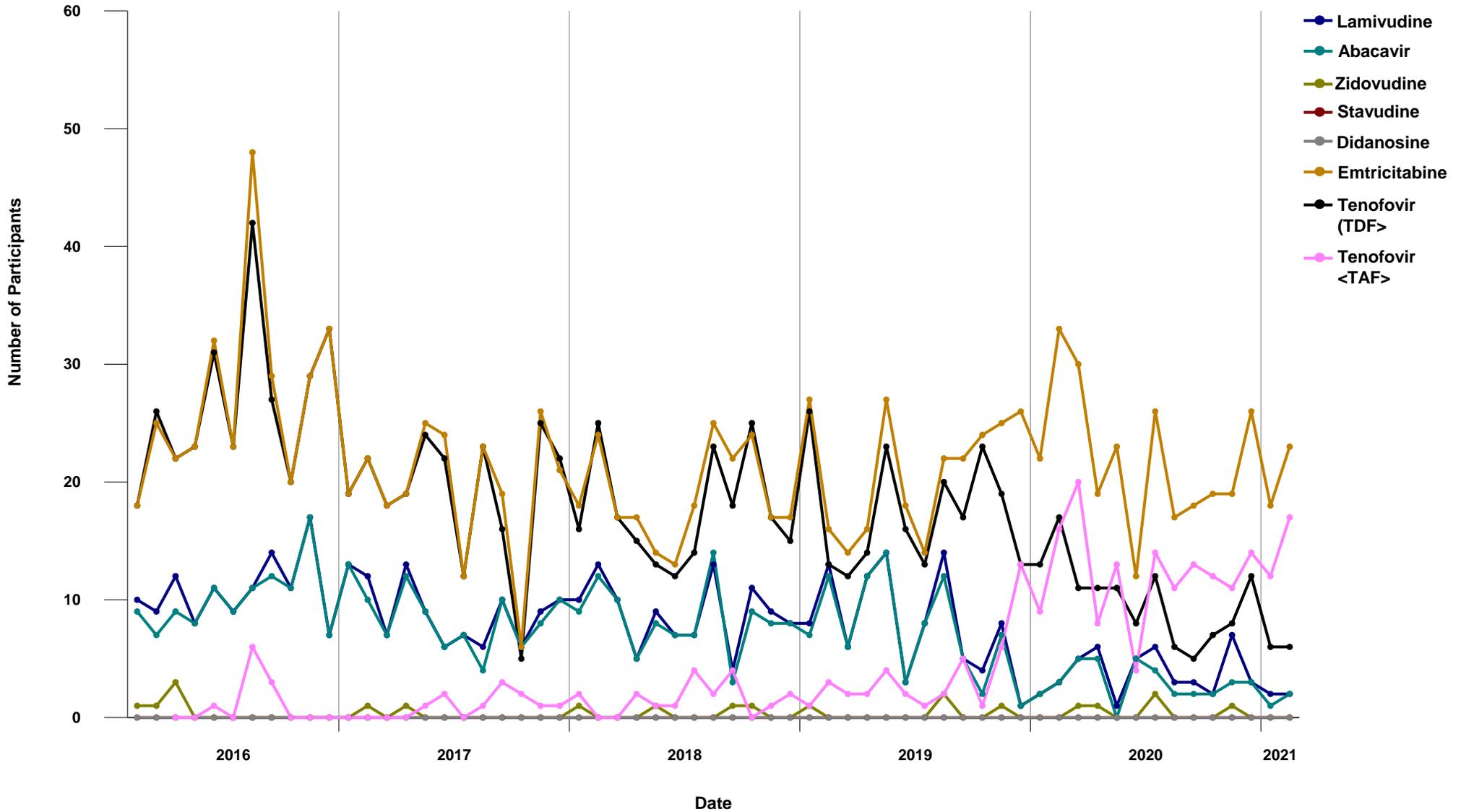


1.10 Distribution of Participants on Nucleoside/Nucleotide Analogues by INGREDIENT (February 2016 - February 2021)



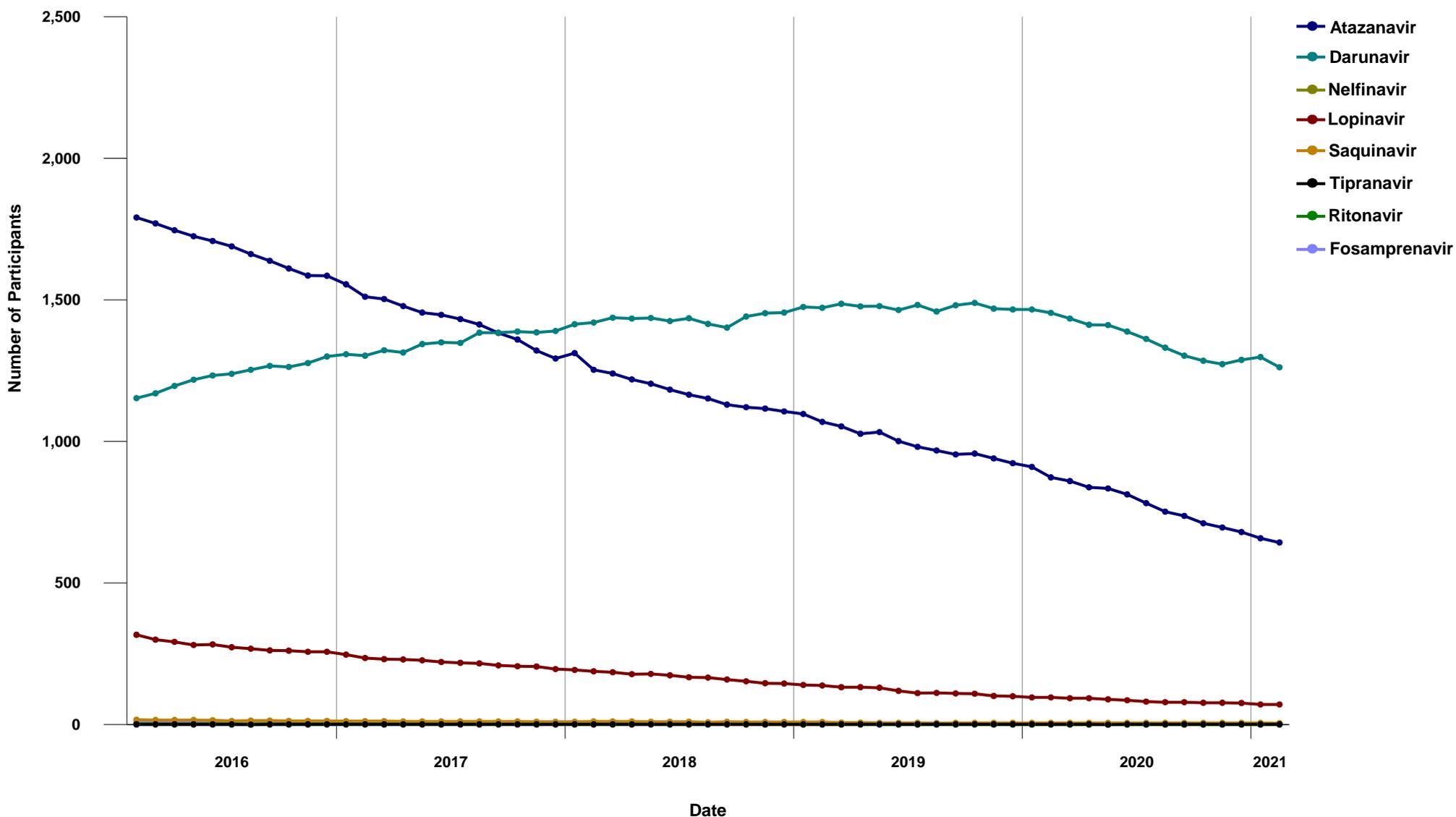


1.11 Distribution of Participants on Nucleoside/Nucleotide Analogues
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(February 2016 - February 2021)





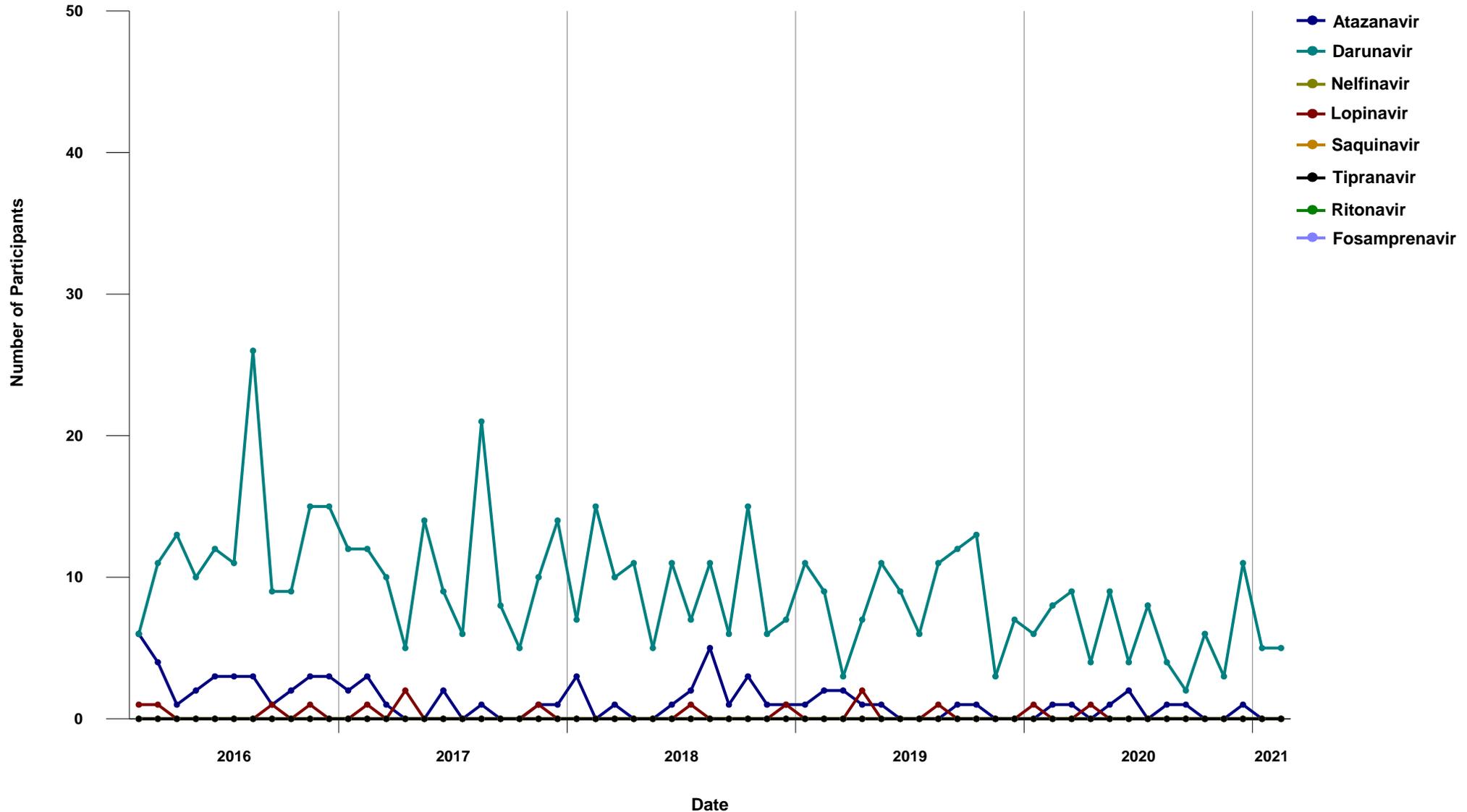
1.12 Distribution of Participants on Protease Inhibitor by INGREDIENT (February 2016 - February 2021)





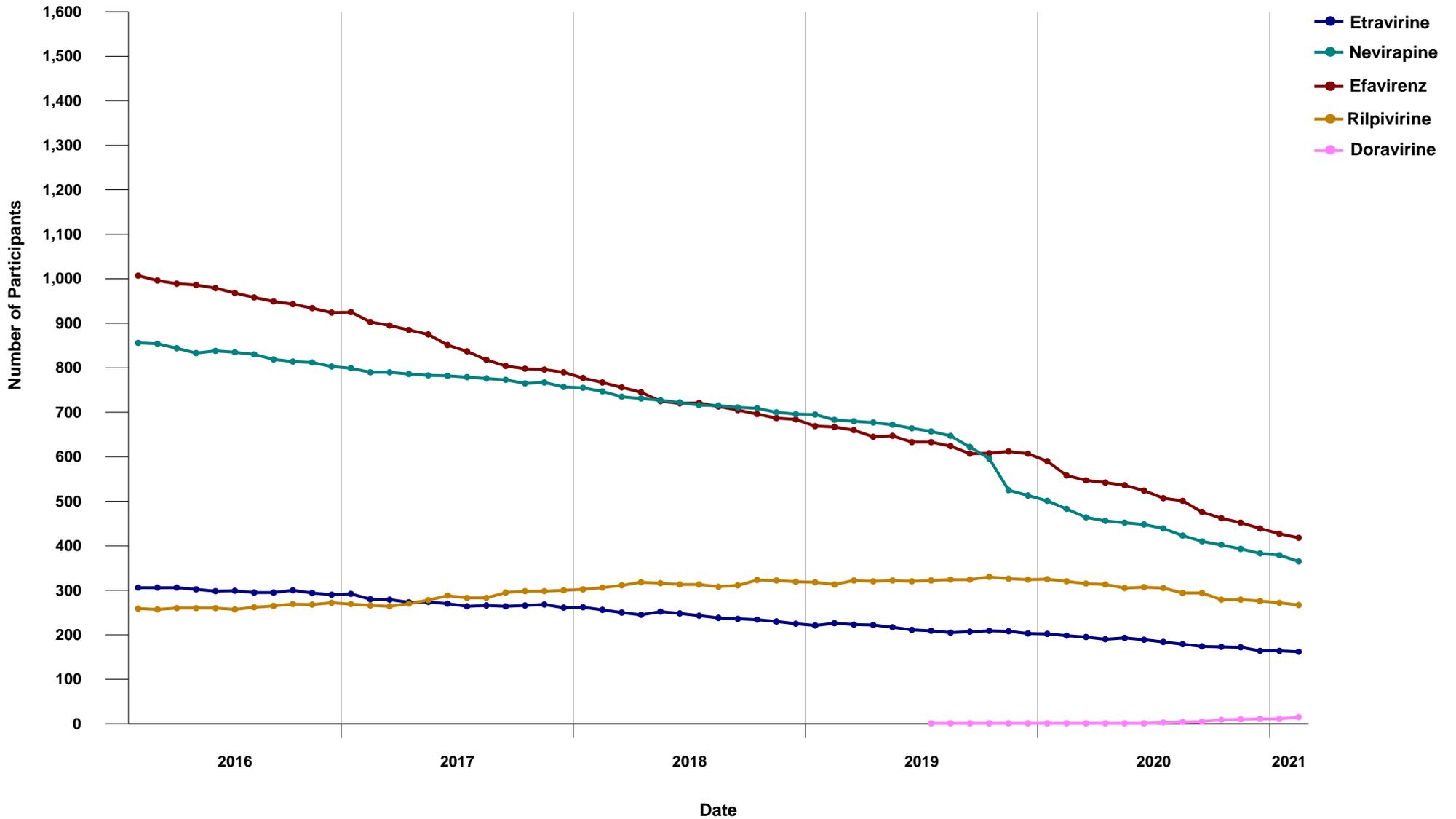
1.13 Distribution of Participants on Protease Inhibitor at the time of first start of ARV Therapy by INGREDIENT

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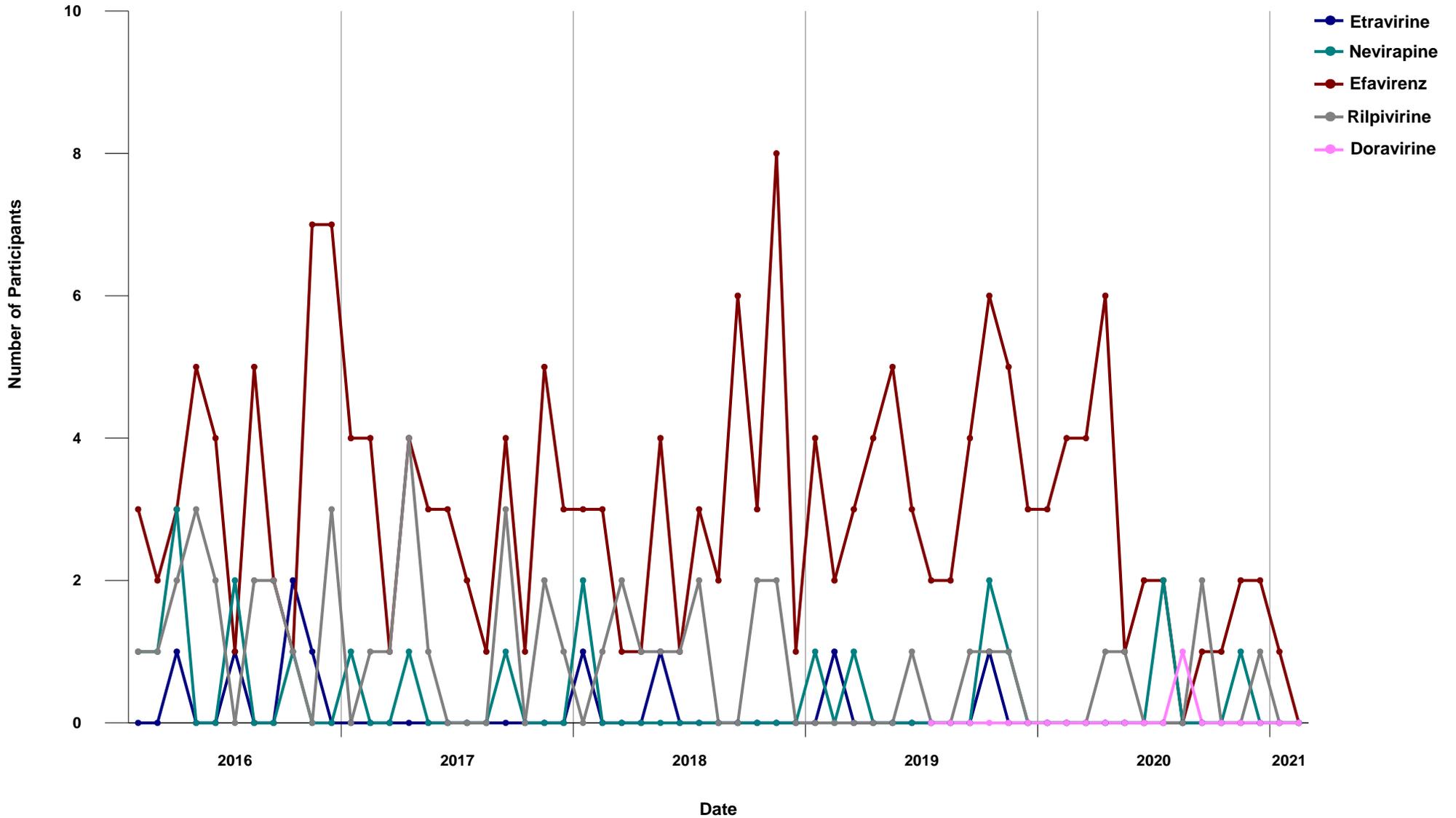


1.14 Distribution of Participants on Non-Nucleosides by INGREDIENT
(February 2016 - February 2021)



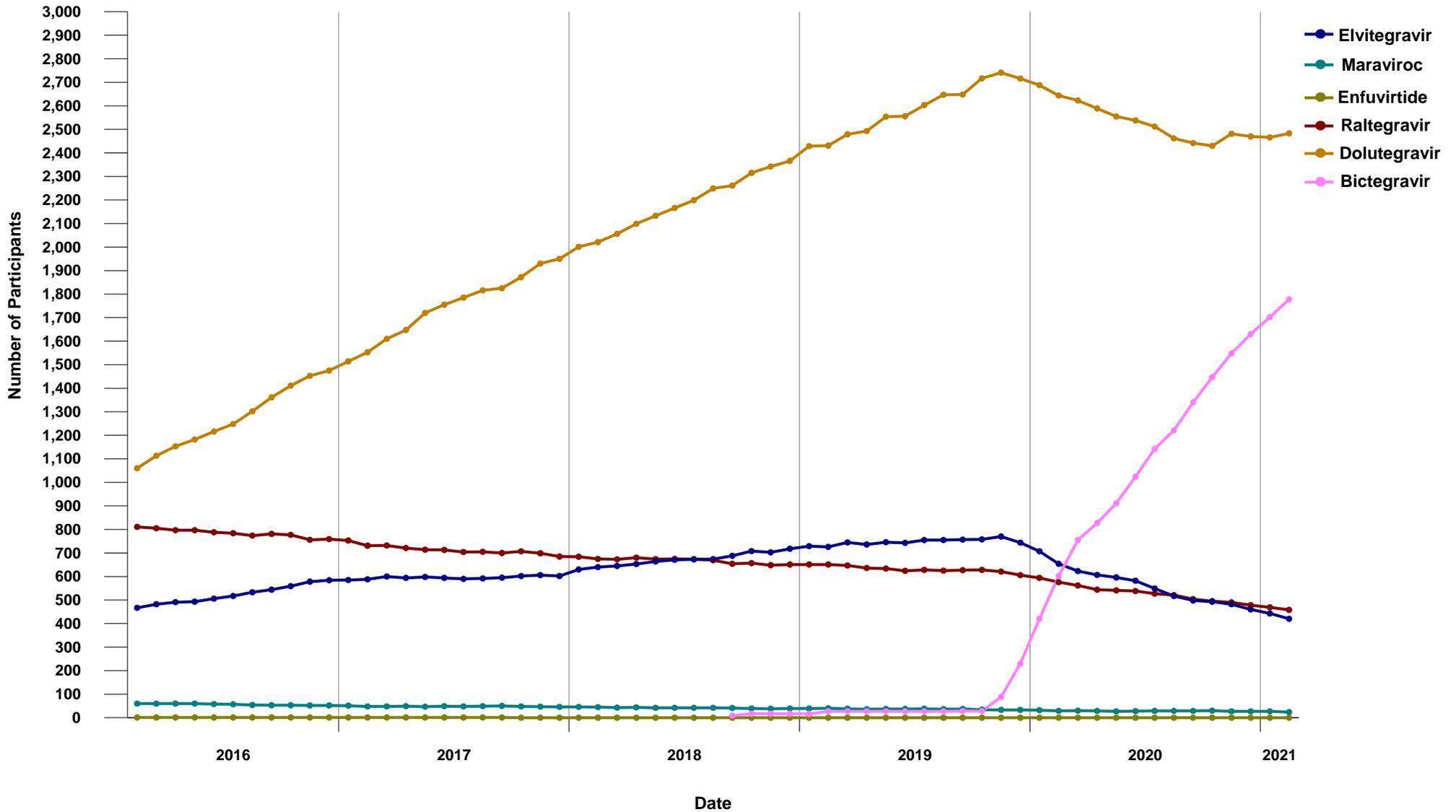


**1.15 Distribution of Participants on Non-Nucleosides
at the time of first start of ARV Therapy by INGREDIENT
(February 2016 - February 2021)**





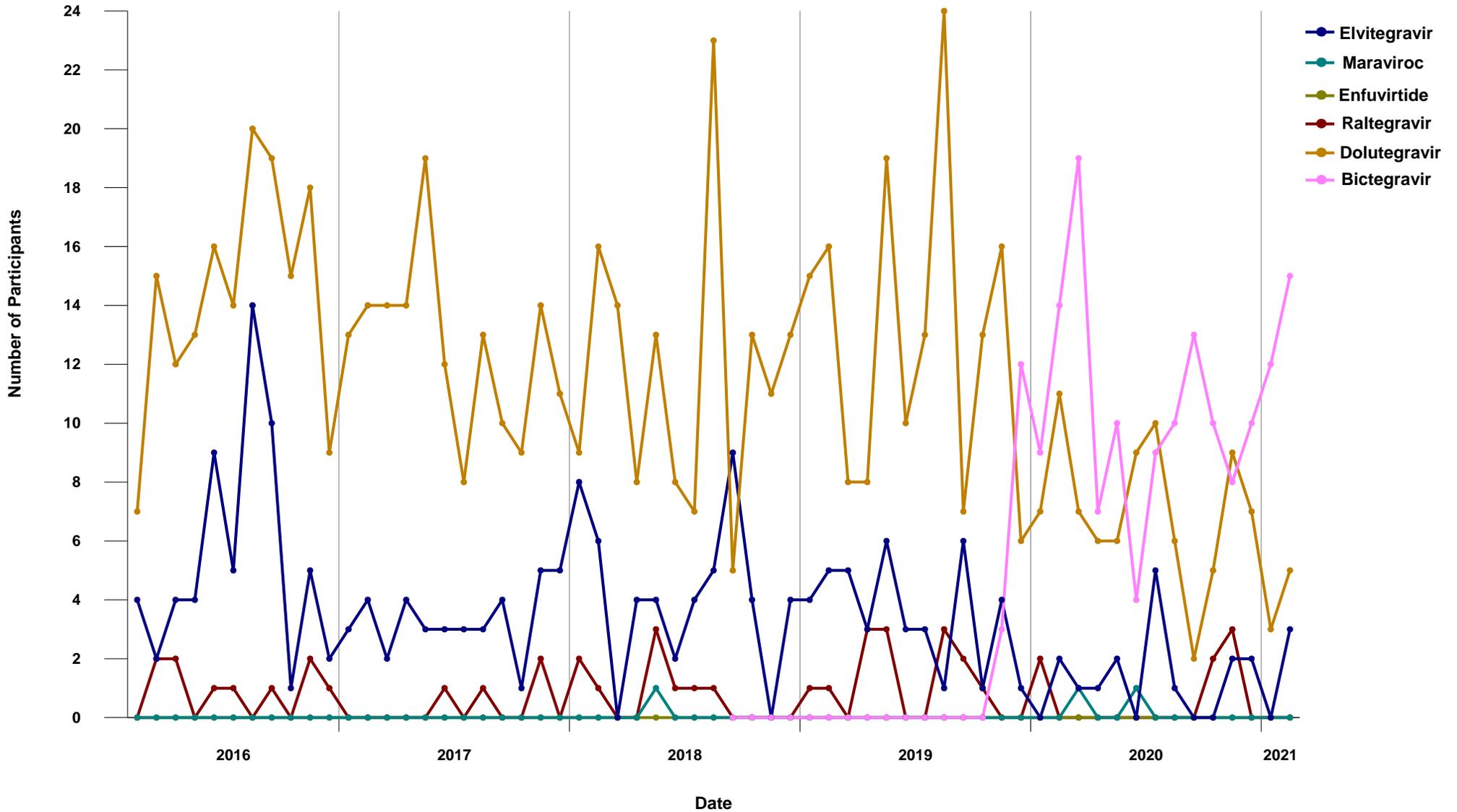
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1.17 Distribution of Participants on Entry/Integrase Inhibitors at the time of first start of ARV Therapy by INGREDIENT

(February 2016 - February 2021)



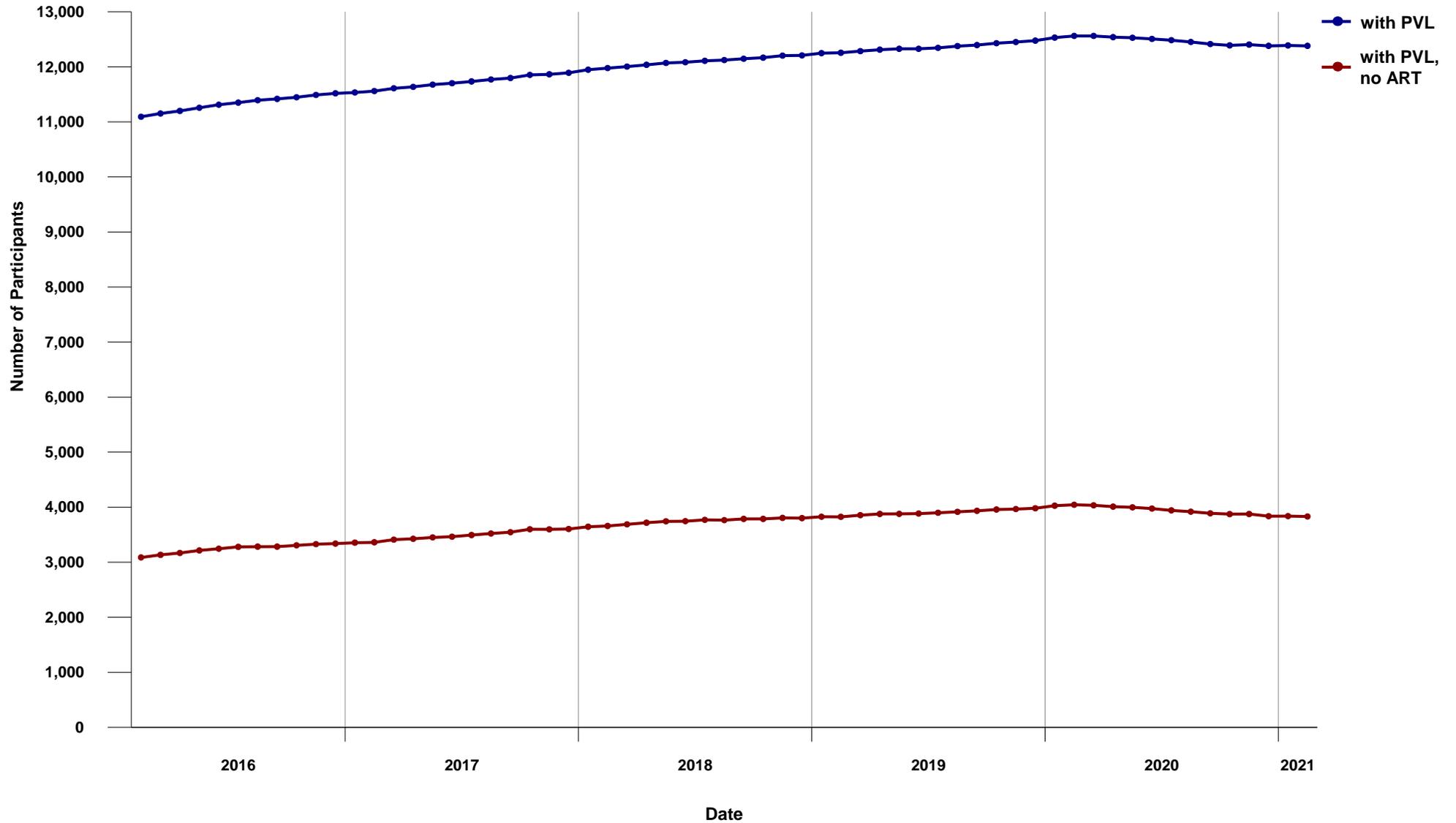


1.18 Baseline CD4 for Antiretroviral First Starts (February 2016 - February 2021)



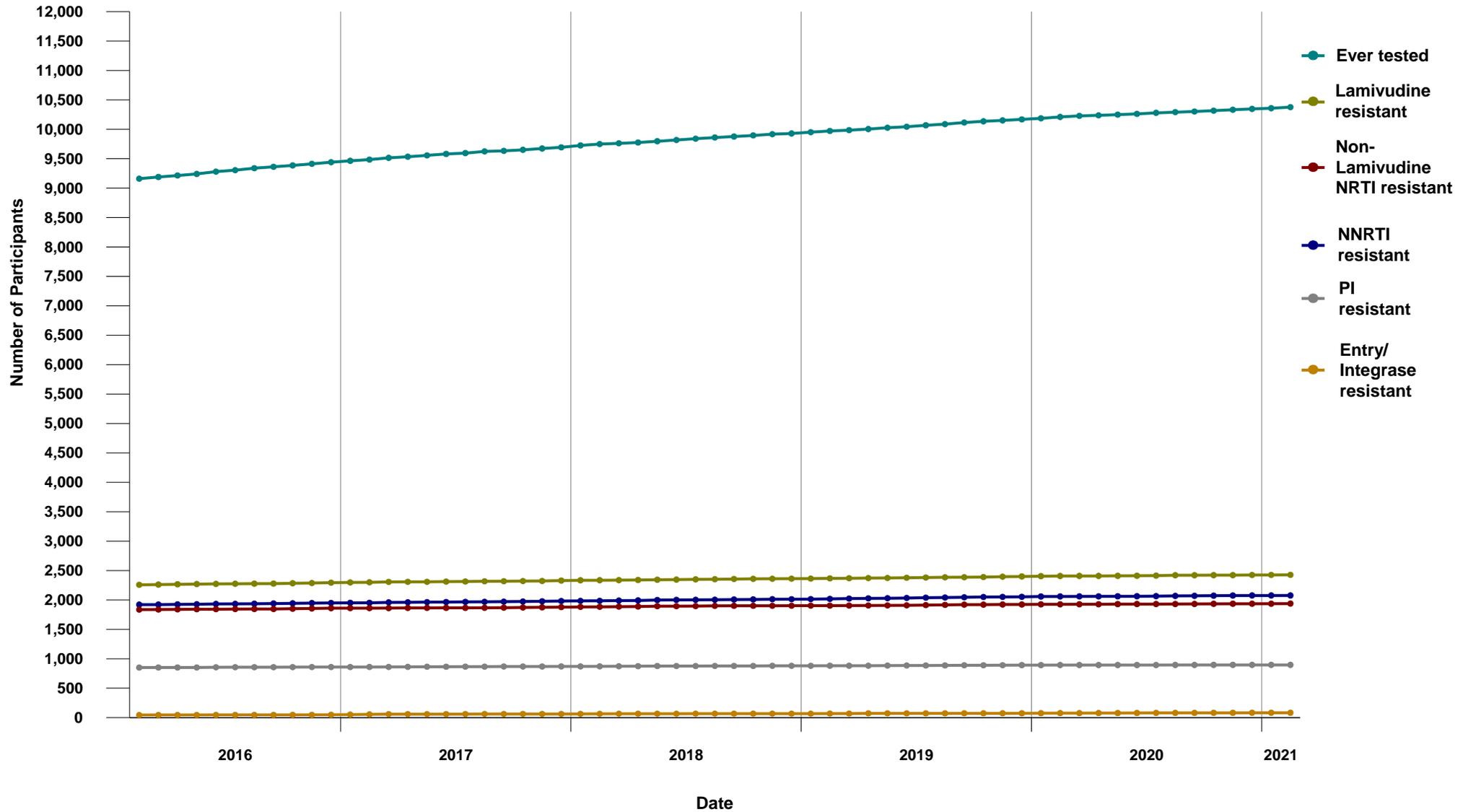


**1.19 DTP Participants with PVL Measurement within previous five years, and never on ART
(February 2016 - February 2021)**



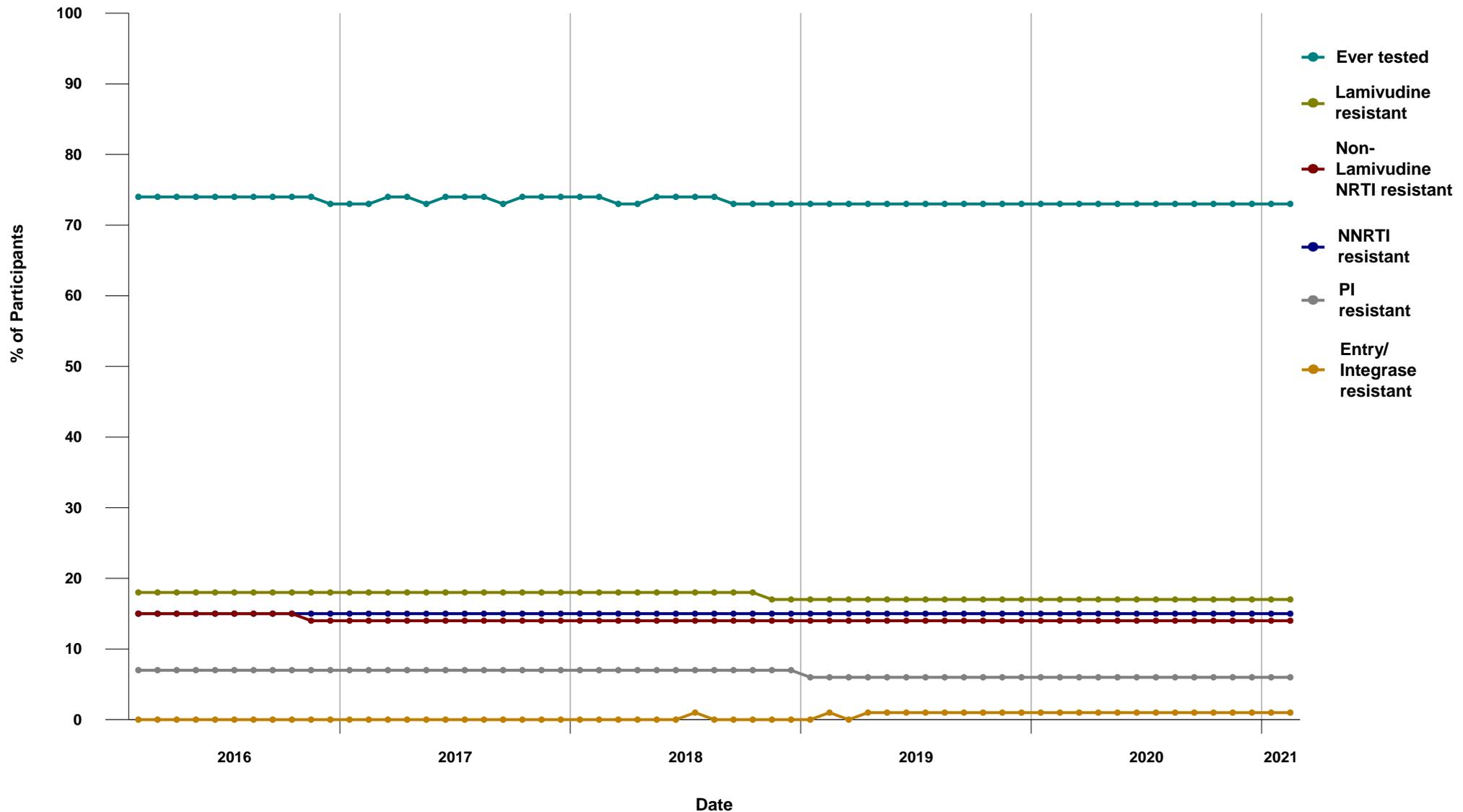


1.20 Cumulative Resistance Testing Results by Resistance Category (February 2016 - February 2021)





1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (February 2016 - February 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	780	4	<40	4
1988	30	5	0	5	3	650	5	<40	3
1989	28	52	1	53	27	510	48	<40	3
1990	26	51	1	52	31	510	49	<40	3
1991	26	37	3	40	24	645	38	<40	3
1992	26	61	3	64	35	560	61	<40	3
1993	25	124	15	139	96	550	131	<40	3
1994	24	78	13	91	60	585	81	<40	3
1995	24	129	18	147	101	560	141	<40	3
1996	22	319	44	363	227	580	341	<40	3
1997	20	275	34	309	210	610	279	<40	3
1998	19	197	43	240	166	560	215	<40	3
1999	19	156	36	192	124	585	168	<40	3
2000	20	116	31	147	107	590	137	<40	3
2001	19	114	27	141	91	620	127	<40	3
2002	18	125	25	150	93	580	129	<40	3
2003	17	141	27	168	111	610	155	<40	3
2004	16	154	40	194	130	630	175	<40	3
2005	15	186	41	227	163	640	205	<40	3
2006	14	172	37	209	133	620	186	<40	3
2007	13	238	47	285	186	635	248	<40	3
2008	12	280	65	345	249	670	307	<40	3
2009	11	306	62	368	243	630	328	<40	3
2010	10	270	69	339	235	660	298	<40	3
2011	9	317	73	390	264	700	342	<40	3
2012	9	266	60	326	210	715	282	<40	3
2013	8	258	69	327	211	680	286	<40	3
2014	7	273	56	329	206	690	293	<40	3
2015	6	278	47	325	208	700	288	<40	3
2016	5	261	54	315	195	690	272	<40	3
2017	4	211	32	243	164	655	216	<40	3
2018	3	196	52	248	157	700	222	<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)	Current CD4 Median	Current PVL (n)	Current PVL Median	Current ARV Median
2019	2	232	45	277	208	645	246	<40	3
2020	1	207	56	263	213	640	251	<40	3
2021	0	40	4	44	40	520	43	126	3
Total:		6129	1230	7359					

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	7359	774	2227	<40	1727	610
FEB-2020	7331	775	1882	<40	1415	620
MAR-2020	7387	768	1628	<40	1207	620
APR-2020	7408	770	767	<40	576	595
MAY-2020	7397	776	1186	<40	891	600
JUN-2020	7374	783	1558	<40	1145	620
JUL-2020	7344	794	1918	<40	1436	610
AUG-2020	7268	791	1848	<40	1330	630
SEP-2020	7248	784	1735	<40	1236	620
OCT-2020	7279	776	1782	<40	1303	630
NOV-2020	7361	763	1858	<40	1267	610
DEC-2020	7365	752	1542	<40	1069	640
JAN-2021	7399	741	1942	<40	1331	637
FEB-2021	7389	748	1788	<40	1184	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	634	184	70	354	46	435
FEB-2020	674	173	71	<40	58	480
MAR-2020	632	185	50	<40	32	415
APR-2020	611	204	28	116	22	555
MAY-2020	631	184	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	74	590
NOV-2020	794	192	78	<40	60	510
DEC-2020	797	187	65	<40	54	430
JAN-2021	780	206	73	<40	54	525
FEB-2021	796	199	69	<40	54	520

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	7329	634	10	12	184	155	19	13903
FEB-2020	7296	674	12	19	141	172	-33	13939
MAR-2020	7358	632	14	23	210	153	62	13975
APR-2020	7382	611	12	8	158	127	24	14000
MAY-2020	7374	631	10	15	130	136	-8	14025
JUN-2020	7346	662	8	9	126	149	-28	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	7312	794	12	12	244	155	85	14162
DEC-2020	7328	797	10	13	205	189	16	14191
JAN-2021	7368	780	14	10	203	158	40	14211
FEB-2021	7359	796	15	15	185	193	-9	14236

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	6759	484	56	7359	0.82%	91.85%	6.58%	0.76%	100.00%
FEB-2020	59	6737	477	58	7331	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	6806	481	50	7397	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	6674	461	50	7365	2.44%	90.62%	6.26%	0.68%	100.00%
JAN-2021	205	6696	452	46	7399	2.77%	90.50%	6.11%	0.62%	100.00%
FEB-2021	226	6664	448	51	7389	3.06%	90.19%	6.06%	0.69%	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%	3403 47%	2 8%	3227 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%	3353 47%	3 8%	3181 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%	2594 36%	23 96%	3913 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%	2994 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%	2965 42%	0 0%	32 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%	2949 42%	0 0%	30 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%	2939 41%	1 4%	31 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%	2901 40%	0 0%	30 0%	0 0%	0 0%	14 48%	2151 30%	12 41%	2024 28%	26 90%	4021 56%
JAN-2021	2 10%	3159 44%	1 5%	2885 40%	0 0%	29 0%	0 0%	0 0%	12 60%	2226 31%	6 30%	1965 27%	18 90%	4054 56%
FEB-2021	2 8%	3142 44%	2 8%	2848 39%	0 0%	28 0%	0 0%	0 0%	17 68%	2303 32%	6 24%	1899 26%	23 92%	4066 56%

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%	658 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%	1262 64%	0 0%	71 4%	0 0%	1 0%	0 0%	5 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%

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%	2688 62%	0 0%	707 16%	0 0%	32 1%	2 11%	594 14%
FEB-2020	14 52%	602 14%	11 41%	2644 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%	596 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%	460 9%	0 0%	27 1%	0 0%	478 10%
JAN-2021	12 80%	1702 34%	3 20%	2466 49%	0 0%	443 9%	0 0%	27 1%	0 0%	469 9%
FEB-2021	15 65%	1778 35%	5 22%	2483 49%	3 13%	420 8%	0 0%	24 0%	0 0%	458 9%

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	21.97	1210	16.44	3563	48.42	87	1.18	56	0.76	826	11.22
FEB-2020	1573	21.46	1154	15.74	3645	49.72	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	3830	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	4163	56.52	71	0.96	50	0.68	880	11.95
JAN-2021	1275	17.23	913	12.34	4202	56.79	68	0.92	46	0.62	895	12.10
FEB-2021	1232	16.67	894	12.10	4237	57.34	66	0.89	51	0.69	909	12.30

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	15	0	2	3	5	5	370

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	12531	4027
FEB-2020	12562	4044
MAR-2020	12562	4034
APR-2020	12540	4010
MAY-2020	12529	3997
JUN-2020	12507	3975
JUL-2020	12484	3942
AUG-2020	12452	3918
SEP-2020	12414	3889
OCT-2020	12390	3875
NOV-2020	12404	3876
DEC-2020	12381	3837
JAN-2021	12389	3838
FEB-2021	12381	3831

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

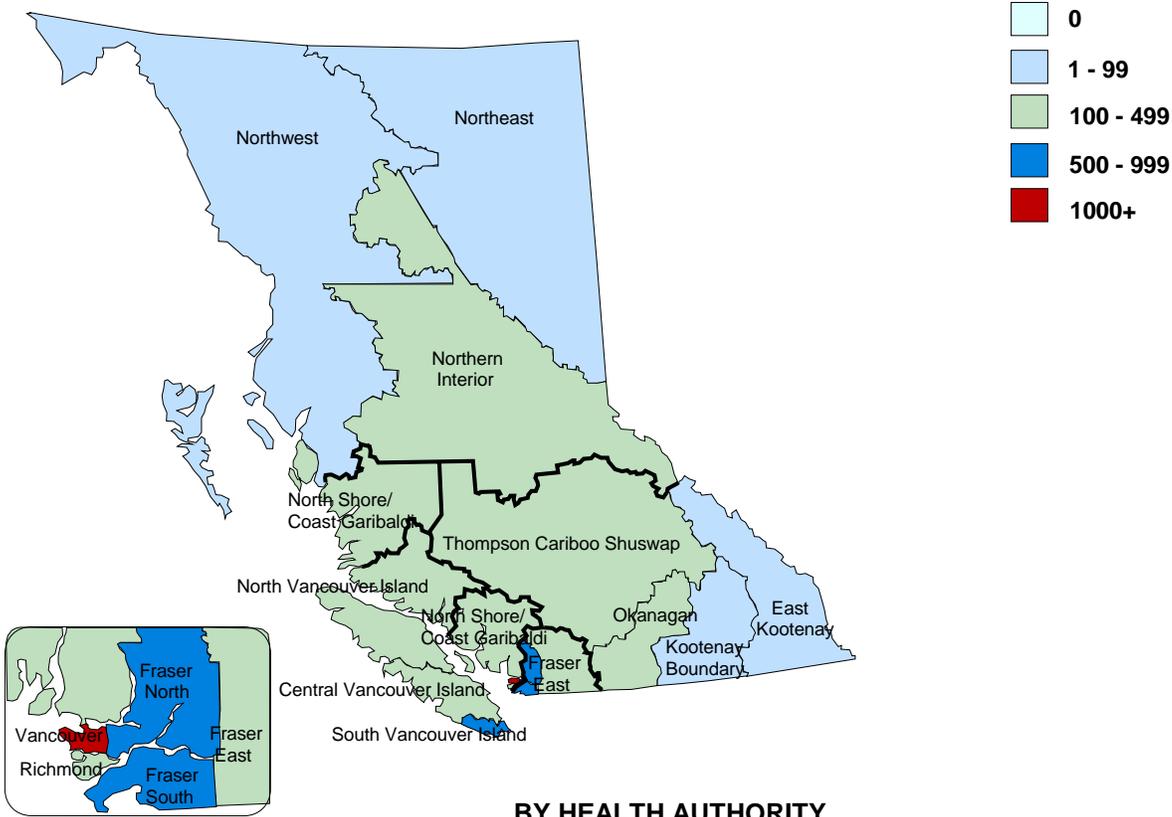




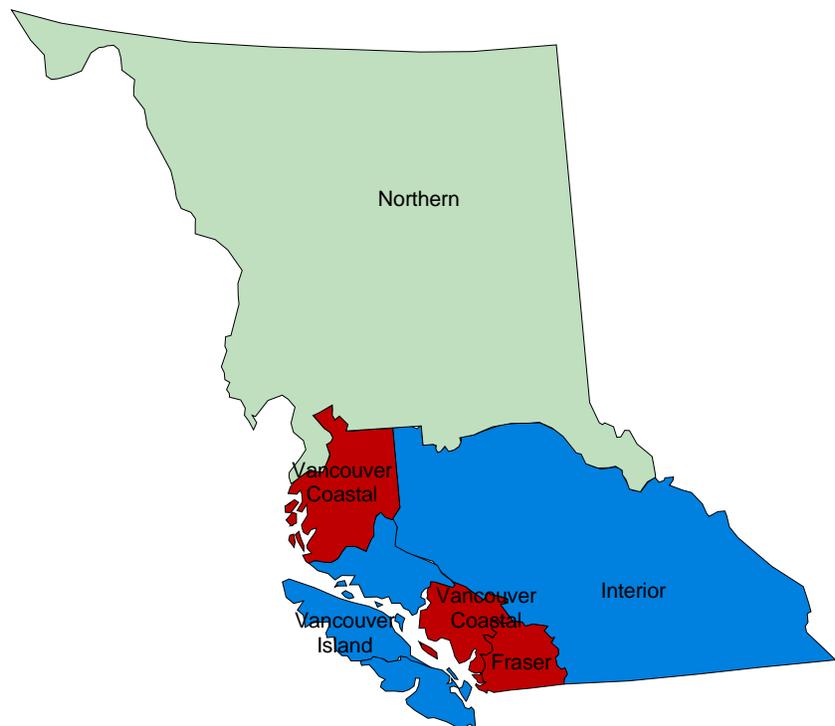
3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants
February 2021

N = 7389

BY HEALTH SERVICES DELIVERY AREA



BY HEALTH AUTHORITY

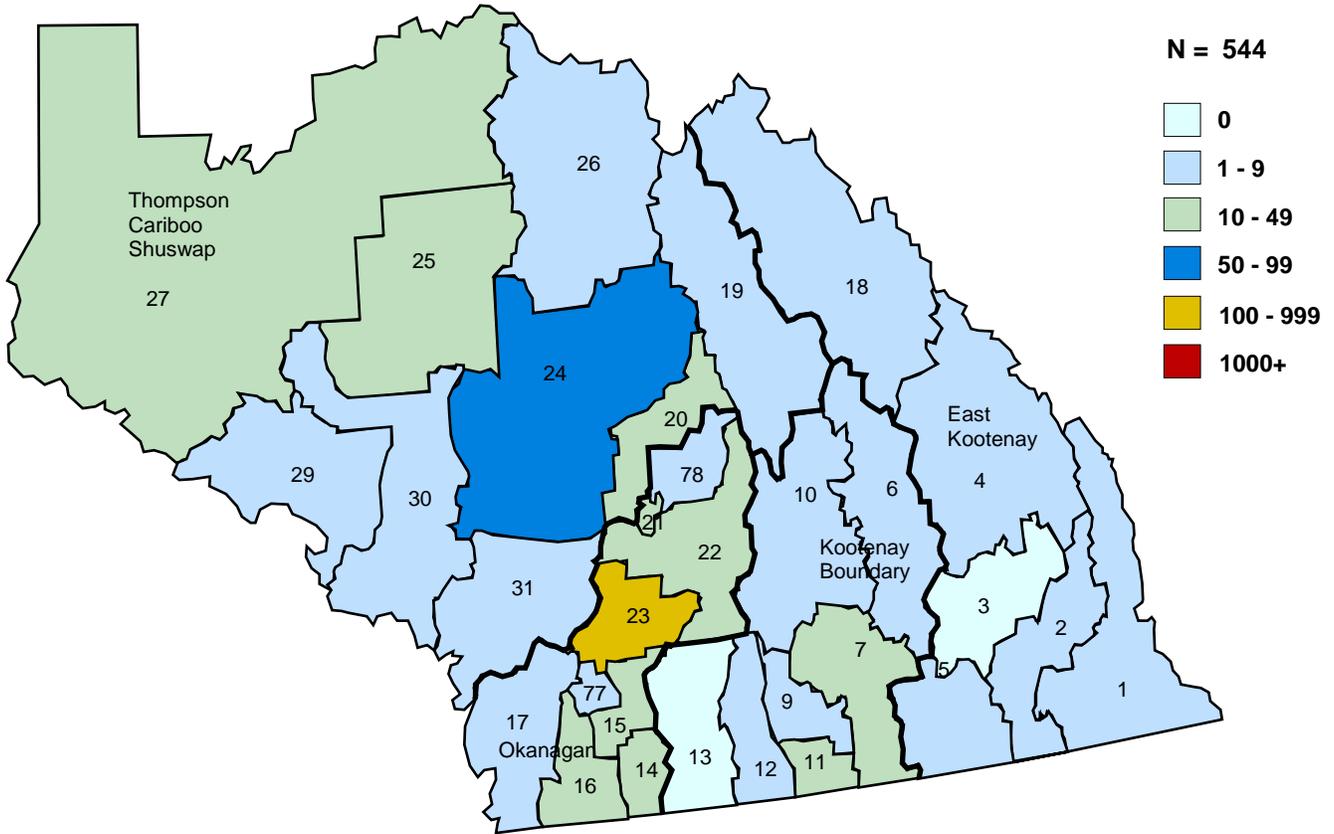




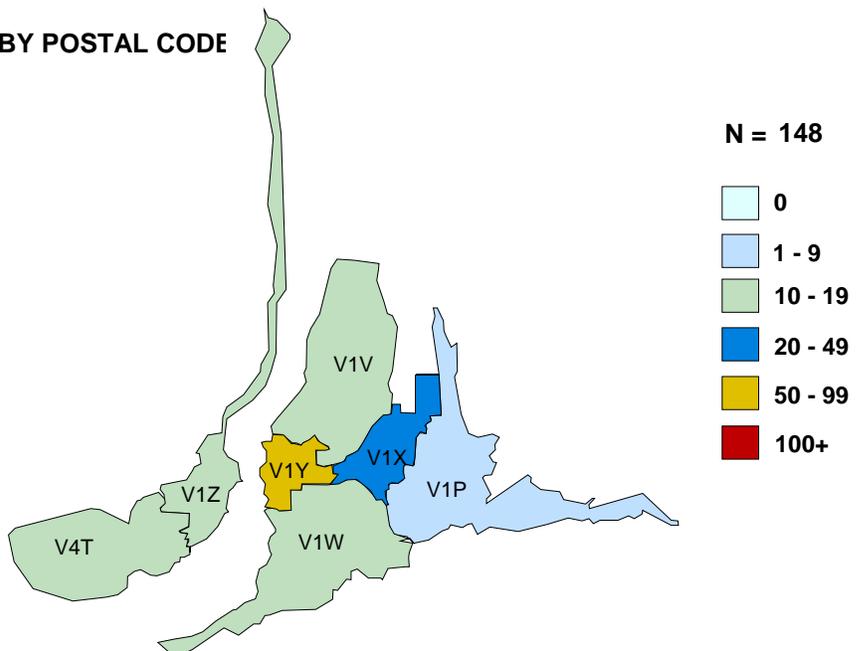
3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participants

February 2021

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



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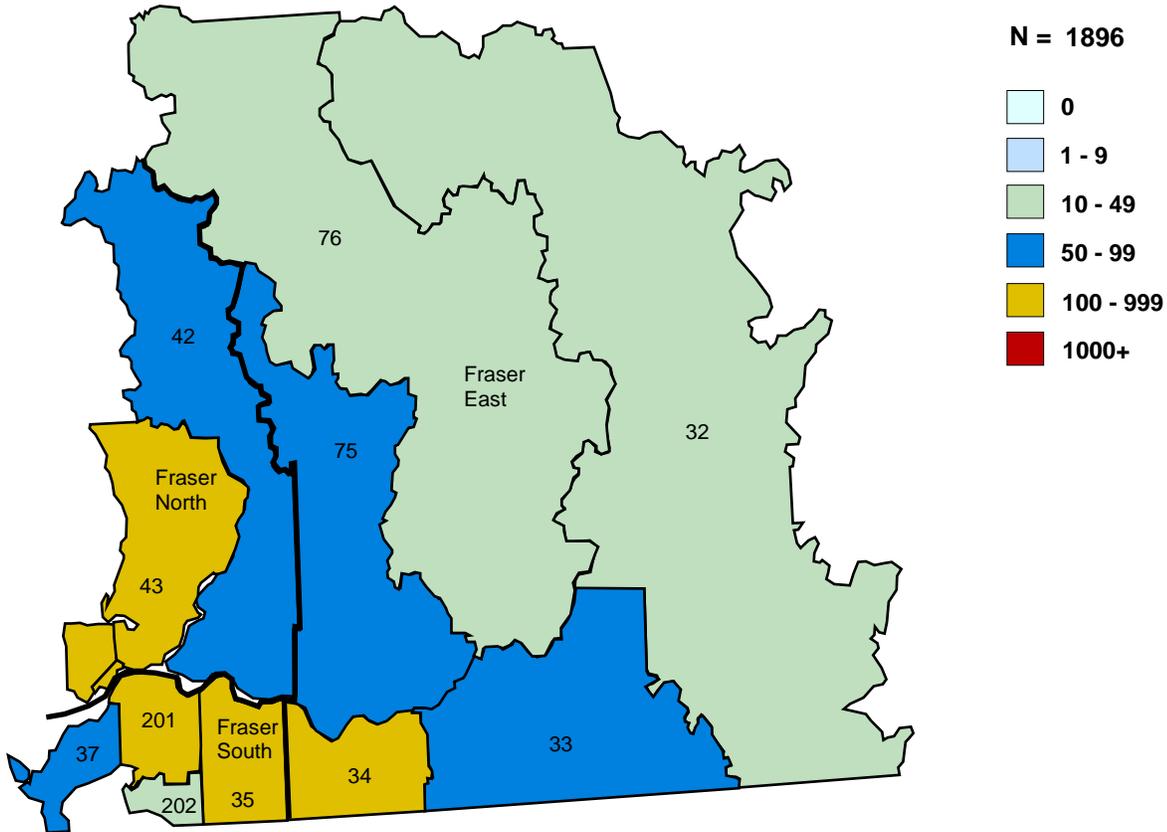




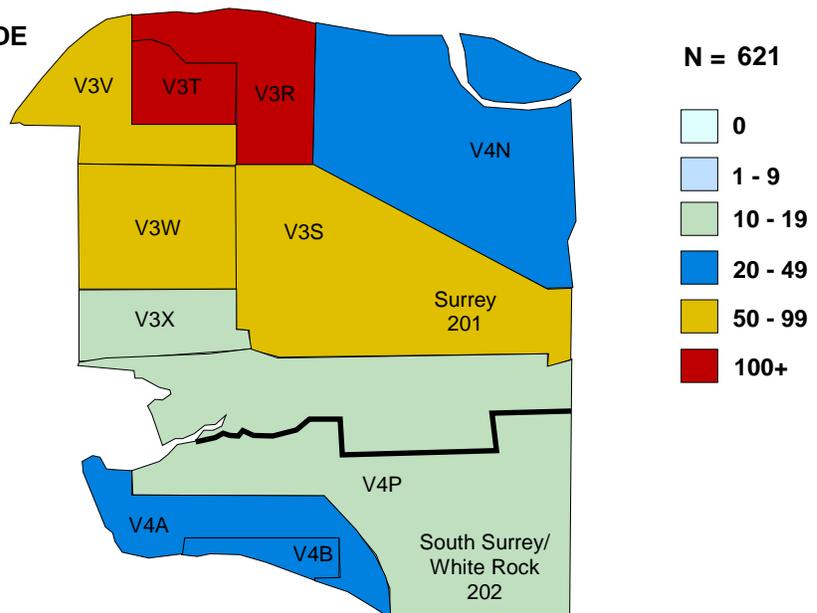
3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participants

February 2021

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



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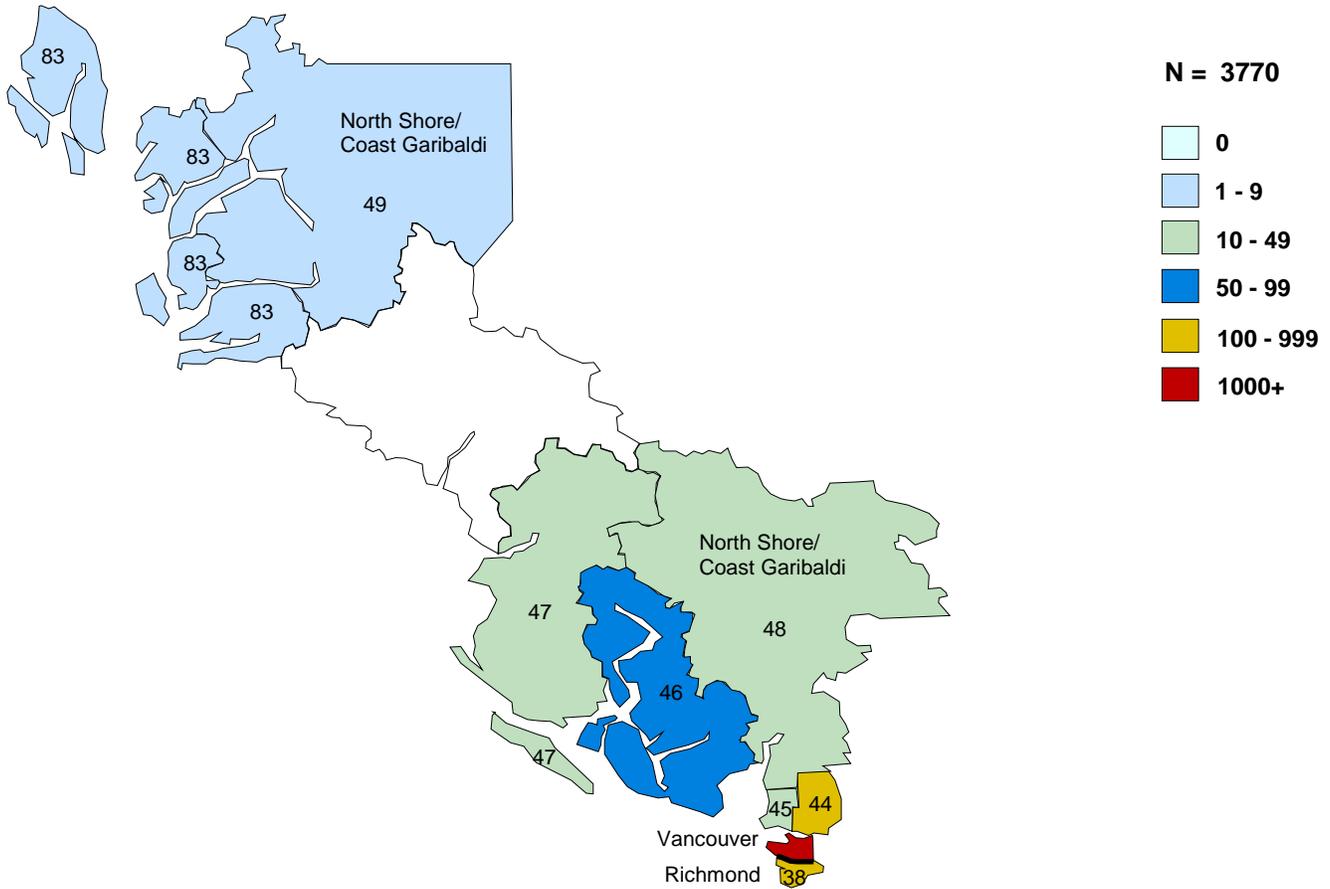




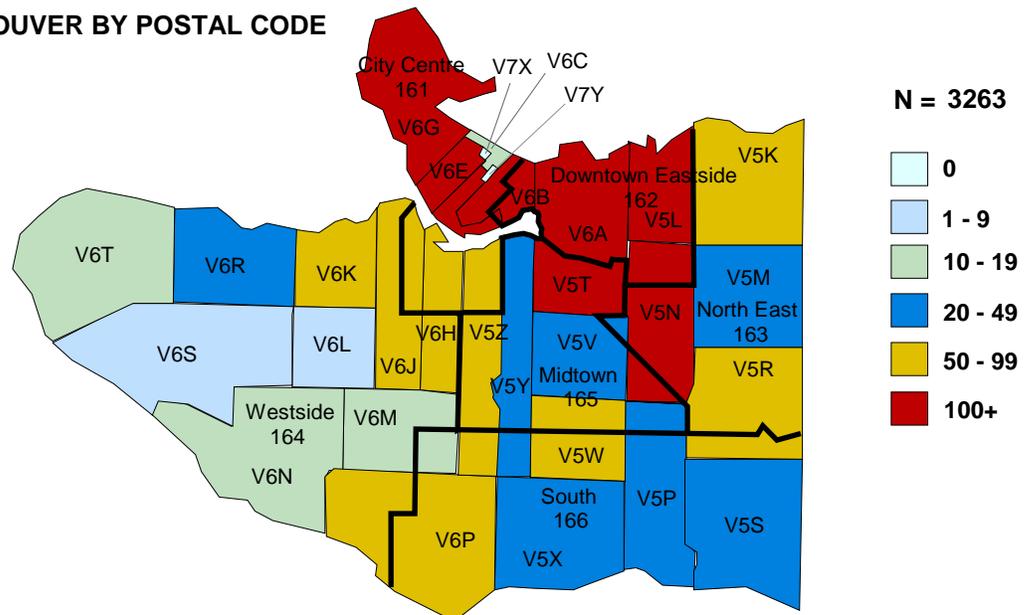
3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participants

February 2021

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



VANCOUVER BY POSTAL CODE

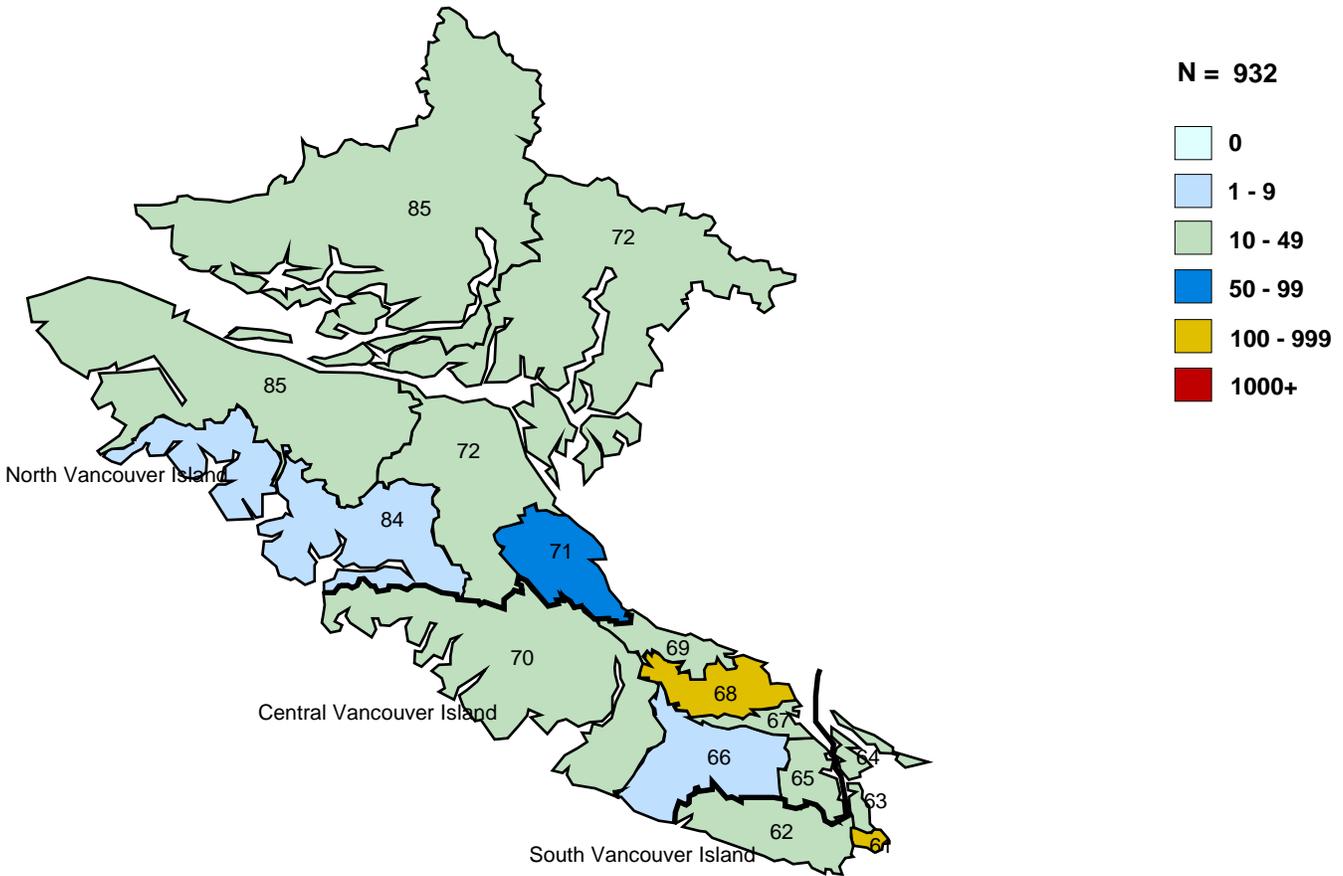




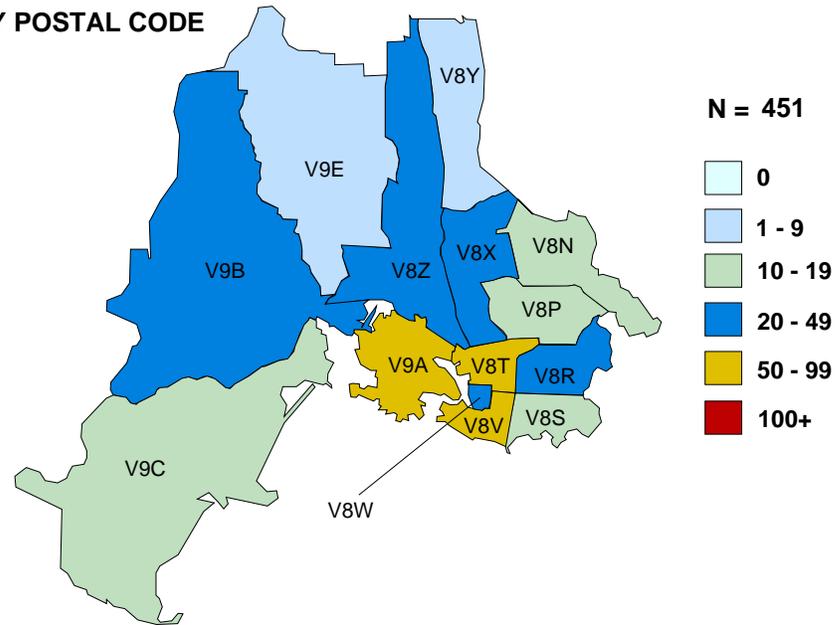
3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participants

February 2021

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



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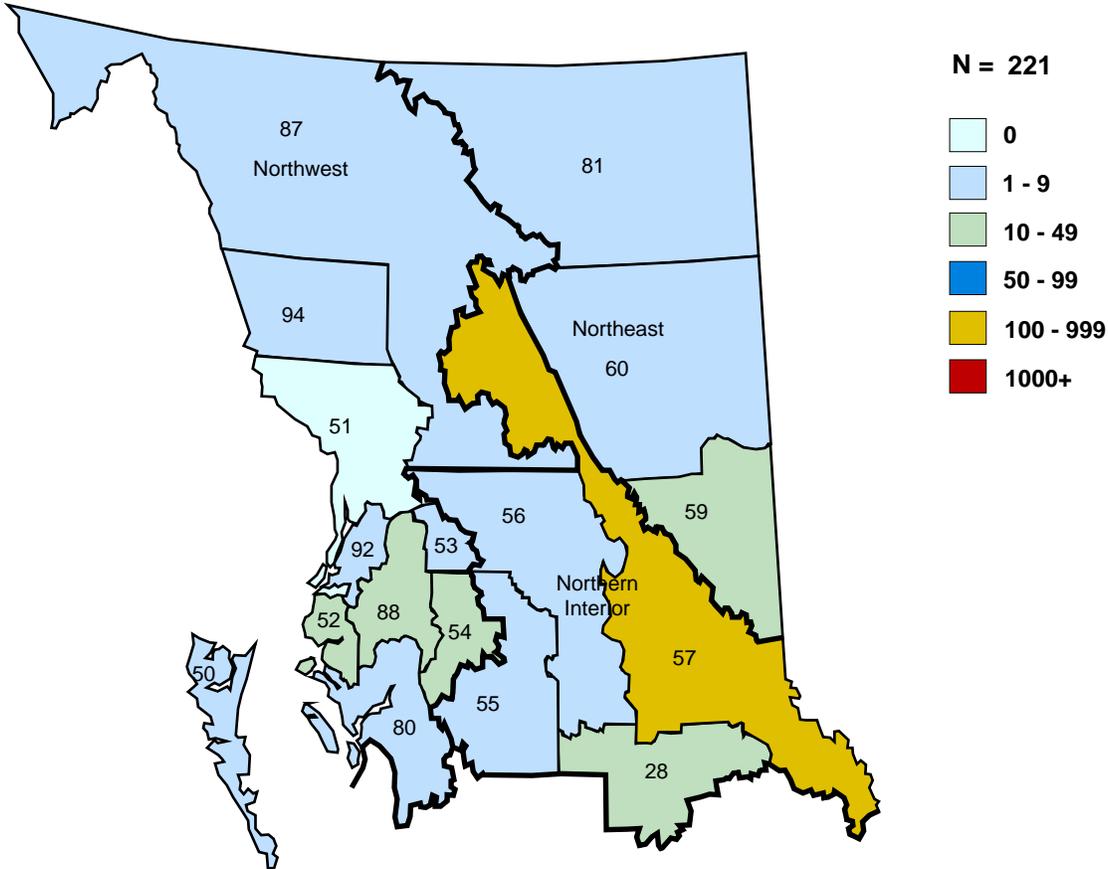




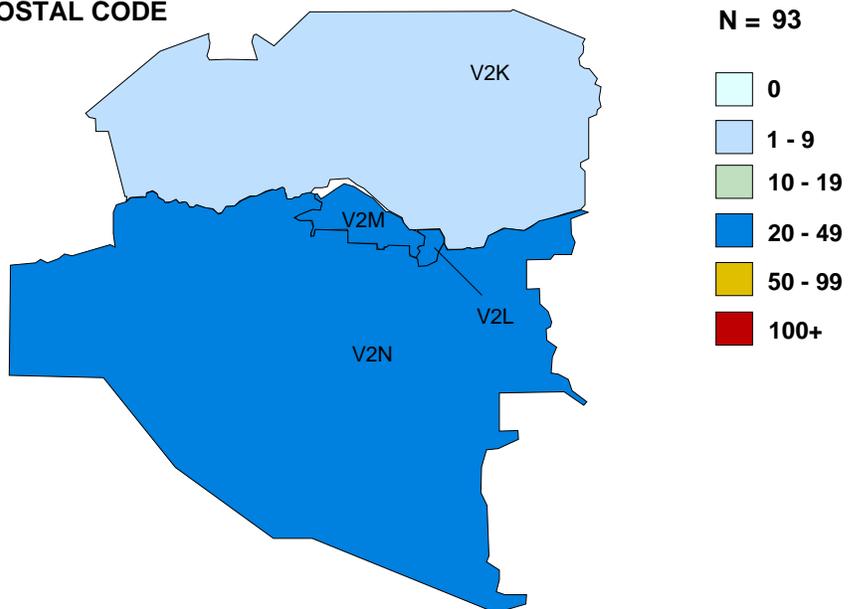
3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participants

February 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	5	5	*
	35-49	10	11	*
	50+	27	39	*
	Total HSDA:	42	55	28
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	73	98	57	
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	398	534	308	
THOMPSON/CARIBOO/ SHUSWAP	20-34	18	18	11
	35-49	66	72	46
	50+	115	186	94
	Total HSDA:	199	276	151
Total HA:		712	963	544

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		712	963	544

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	571	772	439
Female	141	191	105

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	544	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	21	11
	5 years or more	10	7
	<5 years	11	10
	Total HSDA:	42	28
KOOTENAY BOUNDARY	10 years or more	48	36
	5 years or more	14	10
	<5 years	11	11
	Total HSDA:	73	57
OKANAGAN	10 years or more	247	183
	5 years or more	91	77
	<5 years	60	48
	Total HSDA:	398	308
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	114	85
	5 years or more	43	39
	<5 years	42	27
	Total HSDA:	199	151
Total HA:		712	544

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	430	315
5 years or more	158	133
<5 years	124	96
Total HA:	712	544

* 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	47	64	15	25
KOOTENAY BOUNDARY	76	126	26	46
OKANAGAN	228	961	60	300
THOMPSON/CARIBOO/SHUSWAP	140	528	37	130
Total:	491	1679	138	501

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
EAST KOOTENAY	*
KOOTENAY BOUNDARY	*
OKANAGAN	*
THOMPSON/CARIBOO/SHUSWAP	*
Total:	103

* 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	98	107	70
	50+	242	326	184
	Total HSDA:	378	473	286
FRASER NORTH	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	1059	1435	793
FRASER SOUTH	0-19	5	5	5
	20-34	113	115	82
	35-49	322	359	259
	50+	574	856	471
	Total HSDA:	1014	1335	817
Total HA:		2451	3243	1896

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	12	12	12
	20-34	267	271	188
	35-49	750	821	577
	50+	1422	2139	1119
Total HA:		2451	3243	1896

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	1849	2476	1448
Female	602	767	448

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	1896	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	172
	5 years or more	82	60
	<5 years	68	54
	Total HSDA:	378	286
FRASER NORTH	10 years or more	627	448
	5 years or more	245	195
	<5 years	187	150
	Total HSDA:	1059	793
FRASER SOUTH	10 years or more	601	479
	5 years or more	214	162
	<5 years	199	176
	Total HSDA:	1014	817
Total HA:		2451	1896

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1456	1099
	5 years or more	541	417
	<5 years	454	380
Total HA:		2451	1896

* 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	140	507	28	56
FRASER NORTH	255	1590	48	218
FRASER SOUTH	221	1626	50	488
Total:	616	3723	126	762

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
FRASER EAST	193
FRASER NORTH	656
FRASER SOUTH	459
Total:	1308

* 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:		340	494
RICHMOND	20-34	34	35	23
	35-49	46	47	37
	50+	111	159	89
	Total HSDA:	191	241	149
VANCOUVER	0-19	12	12	10
	20-34	445	460	282
	35-49	1332	1489	957
	50+	2899	5020	2097
	Total HSDA:	4688	6981	3346
Total HA:		5219	7716	3770

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	13	13	11
	20-34	501	517	322
	35-49	1458	1626	1053
	50+	3247	5560	2384
Total HA:		5219	7716	3770

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Unknown	2	2	0
Male	4610	6773	3334
Female	607	941	436

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3770	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	197	157
	5 years or more	82	67
	<5 years	61	51
	Total HSDA:	340	275
RICHMOND	10 years or more	113	86
	5 years or more	33	27
	<5 years	45	36
	Total HSDA:	191	149
VANCOUVER	10 years or more	2967	2048
	5 years or more	1029	751
	<5 years	692	547
	Total HSDA:	4688	3346
Total HA:		5219	3770

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	3277	2291
5 years or more	1144	845
<5 years	798	634
Total HA:	5219	3770

* 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	180	405	53	80
RICHMOND	43	292	9	94
VANCOUVER	635	11073	210	5298
Total:	858	11770	272	5472

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
NORTH SHORE/COAST GARIBALDI	*
RICHMOND	*
VANCOUVER	*
Total:	78

* 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:		335	481
NORTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		126	170
SOUTH VANCOUVER ISLAND	20-34	75	79	51
	35-49	188	217	144
	50+	486	776	368
	Total HSDA:	749	1072	563
Total HA:		1210	1723	932

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		1210	1723	932

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	999	1421	772
Female	211	302	160

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	932	55	580	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	197	163
	5 years or more	70	53
	<5 years	68	51
	Total HSDA:	335	267
NORTH VANCOUVER ISLAND	10 years or more	78	63
	5 years or more	33	24
	<5 years	15	15
	Total HSDA:	126	102
SOUTH VANCOUVER ISLAND	10 years or more	441	310
	5 years or more	153	129
	<5 years	155	124
	Total HSDA:	749	563
Total HA:		1210	932

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	716	536
	5 years or more	256	206
	<5 years	238	190
Total HA:		1210	932

* 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	202	892	79	199
NORTH VANCOUVER ISLAND	151	270	47	75
SOUTH VANCOUVER ISLAND	214	1840	40	548
Total:	567	3002	166	822

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
CENTRAL VANCOUVER ISLAND	53
NORTH VANCOUVER ISLAND	42
SOUTH VANCOUVER ISLAND	112
Total:	207

* 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	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	43	53	24
NORTH WEST	20-34	5	7	*
	35-49	24	39	*
	50+	40	67	*
	Total HSDA:	69	113	57
NORTHERN INTERIOR	0-19	6	6	*
	20-34	22	24	*
	35-49	65	83	*
	50+	101	169	*
	Total HSDA:	194	282	140
Total HA:		306	448	221

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	*
	20-34	31	35	*
	35-49	106	142	*
	50+	163	265	*
Total HA:		306	448	221

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	192	281	140
Female	114	167	81

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	221	51	550	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	26	*
	5 years or more	11	*
	<5 years	6	*
	Total HSDA:	43	24
NORTH WEST	10 years or more	39	30
	5 years or more	19	16
	<5 years	11	11
	Total HSDA:	69	57
NORTHERN INTERIOR	10 years or more	87	66
	5 years or more	63	46
	<5 years	44	28
	Total HSDA:	194	140
Total HA:		306	221

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	152	109
	5 years or more	93	70
	<5 years	61	42
Total HA:		306	221

* 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	3	*
NORTH WEST	81	166	17	*
NORTHERN INTERIOR	118	466	18	*
Total:	239	694	38	227

HSDA of Patient Residency	# of Patients seeking Physician's care out of HA
NORTH EAST	8
NORTH WEST	20
NORTHERN INTERIOR	13
Total:	41

* 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	18
	THOMPSON/CARIBOO/SHUSWAP	25	48	19
	Total HA:	64	110	48
FRASER	FRASER EAST	37	48	26
	FRASER NORTH	54	91	45
	FRASER SOUTH	80	113	60
	Total HA:	171	252	131
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	25	48	19
	RICHMOND	8	13	5
	VANCOUVER	479	881	378
	Total HA:	512	942	402
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	51	83	43
	NORTH VANCOUVER ISLAND	18	27	15
	SOUTH VANCOUVER ISLAND	41	85	35
	Total HA:	110	195	93
NORTHERN	NORTH EAST	10	14	7
	NORTH WEST	26	59	22
	NORTHERN INTERIOR	77	117	58
	Total HA:	113	190	87
Total:		970	1689	761

Gender	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	613	1084	478
Female	357	605	283

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	761	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.





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-NUCLEOSIDE 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.

