Adjustments report

HIV Platform

05 September 2022, 17:07:13

Contents

Introduction

Input data:

- File name: HEAT_202205_1_no_prevpos_random_id.csv

Adjustments:

- Multiple Imputation using Chained Equations - MICE
  - Number of imputations: 5

- Number of mice iterations: 5
- Number of degrees of freedom for spline of diagnosis calendar year: 4
- Impute reporting delays inputs: FALSE

Report options:

- Correction of count of cases for reporting delay.
- Original calendar time.
- CD4 plots without inter-quartile range.

Comparison of data by Gender

Number of diagnoses per year

Data stratified by *gender* is shown only for unadjusted data since there were no missing data on *gender* after pre-processing, which takes place before adjustments.

Before and after adjustments
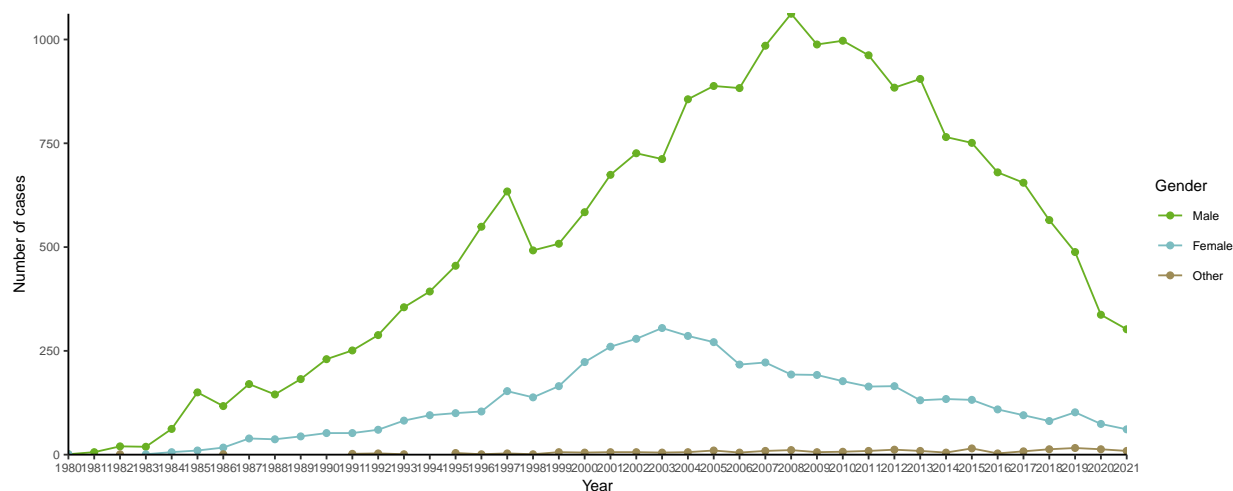
Year of diagnosis	Male [N (%)]	Female [N (%)]	Other [N (%)]	Total [N (%)]
1980	1 (50)	1 (50)	- (-)	2 (100)
1981	6 (100)	- (-)	- (-)	6 (100)
1982	20 (95)	- (-)	1 (5)	21 (100)
1983	19 (95)	1 (5)	- (-)	20 (100)
1984	62 (91)	6 (9)	- (-)	68 (100)
1985	150 (94)	10 (6)	- (-)	160 (100)
1986	117 (87)	17 (13)	1 (1)	135 (100)
1987	170 (81)	39 (19)	- (-)	209 (100)
1988	145 (80)	37 (20)	- (-)	182 (100)
1989	182 (81)	44 (19)	- (-)	226 (100)
1990	230 (82)	52 (18)	- (-)	282 (100)

| Year of diagnosis	Male [N (%)]	Female [N (%)]	Other [N (%)]	Total [N (%)]
1991	251 (82)	52 (17)	2 (1)	305 (100)
1992	288 (82)	60 (17)	3 (1)	351 (100)
1993	355 (81)	82 (19)	1 (0)	438 (100)
1994	393 (81)	95 (19)	- (-)	488 (100)
1995	455 (81)	100 (18)	4 (1)	559 (100)
1996	549 (84)	104 (16)	1 (0)	654 (100)
1997	634 (80)	153 (19)	3 (0)	790 (100)
1998	492 (78)	138 (22)	1 (0)	631 (100)
1999	508 (75)	165 (24)	6 (1)	679 (100)
2000	584 (72)	223 (27)	5 (1)	812 (100)
2001	674 (72)	260 (28)	6 (1)	940 (100)
2002	726 (72)	279 (28)	6 (1)	1011 (100)
2003	712 (70)	305 (30)	5 (0)	1022 (100)
2004	856 (75)	286 (25)	6 (1)	1148 (100)
2005	888 (76)	271 (23)	10 (1)	1169 (100)
2006	883 (80)	217 (20)	5 (0)	1105 (100)
2007	985 (81)	222 (18)	9 (1)	1216 (100)
2008	1062 (84)	193 (15)	11 (1)	1266 (100)
2009	988 (83)	192 (16)	6 (1)	1186 (100)
2010	997 (84)	177 (15)	7 (1)	1181 (100)
2011	962 (85)	164 (14)	9 (1)	1135 (100)
2012	884 (83)	165 (16)	12 (1)	1061 (100)
2013	905 (87)	131 (13)	9 (1)	1045 (100)
2014	765 (85)	134 (15)	5 (1)	904 (100)
2015	751 (84)	132 (15)	15 (2)	898 (100)
2016	680 (86)	109 (14)	3 (0)	792 (100)
2017	655 (86)	95 (13)	8 (1)	758 (100)
2018	565 (86)	81 (12)	13 (2)	659 (100)
2019	488 (81)	102 (17)	16 (3)	606 (100)
2020	337 (79)	74 (17)	13 (3)	424 (100)
2021	302 (81)	61 (16)	9 (2)	372 (100)
Total	21676 (81)	5029 (19)	211 (1)	26916 (100)

Median CD4 cell count (cells/µL)

Before adjustments

Year of diagnosis	Male [Median (IQR)]	Female [Median (IQR)]	Other [Median (IQR)]	Overall [Median (IQR)]
1980	- (-, -)	- (-, -)	- (-, -)	- (-, -)
1981	- (-, -)	- (-, -)	- (-, -)	- (-, -)
1982	50 (50, 50)	- (-, -)	- (-, -)	50 (50, 50)
1983	- (-, -)	- (-, -)	- (-, -)	- (-, -)
1984	300 (265, 335)	- (-, -)	- (-, -)	300 (265, 335)
1985	625 (422, 805)	- (-, -)	- (-, -)	625 (422, 805)
1986	720 (530, 950)	- (-, -)	- (-, -)	720 (530, 950)
1987	590 (385, 950)	700 (700, 700)	- (-, -)	645 (392, 925)
1988	490 (376, 600)	340 (340, 340)	- (-, -)	450 (348, 600)
1989	550 (400, 700)	677 (425, 827)	- (-, -)	560 (400, 708)
1990	520 (387, 705)	580 (370, 1030)	- (-, -)	530 (380, 750)
1991	484 (318, 645)	505 (331, 678)	- (-, -)	484 (318, 652)
1992	440 (280, 615)	540 (332, 647)	504 (504, 504)	440 (280, 622)
1993	355 (176, 571)	512 (298, 792)	- (-, -)	367 (190, 598)
1994	240 (100, 432)	305 (154, 625)	- (-, -)	260 (110, 445)
1995	180 (60, 370)	330 (140, 480)	700 (700, 700)	200 (62, 396)
1996	230 (70, 410)	260 (120, 440)	- (-, -)	240 (80, 410)
1997	230 (60, 416)	240 (90, 460)	1170 (775, 1565)	230 (70, 420)
1998	204 (60, 440)	290 (100, 460)	- (-, -)	220 (70, 450)
1999	240 (86, 448)	358 (132, 557)	240 (120, 260)	260 (100, 480)
2000	240 (70, 460)	305 (110, 482)	295 (110, 498)	260 (80, 469)
2001	290 (100, 490)	280 (130, 510)	362 (266, 556)	290 (110, 490)
2002	300 (106, 540)	306 (150, 510)	385 (155, 668)	306 (110, 530)
2003	290 (120, 500)	290 (130, 502)	400 (370, 400)	290 (120, 500)
2004	330 (120, 530)	300 (130, 490)	530 (440, 590)	320 (130, 520)
2005	350 (140, 550)	257 (120, 518)	60 (48, 192)	330 (122, 550)
2006	380 (190, 600)	320 (148, 489)	480 (330, 540)	368 (180, 580)
2007	380 (174, 570)	280 (118, 506)	320 (180, 440)	360 (160, 560)
2008	390 (210, 560)	315 (100, 482)	270 (100, 690)	380 (190, 560)
2009	380 (200, 542)	290 (120, 552)	260 (200, 370)	370 (190, 543)
2010	360 (190, 558)	330 (90, 598)	595 (483, 768)	360 (170, 560)

| Year of diagnosis	Male [Median (IQR)]	Female [Median (IQR)]	Other [Median (IQR)]	Overall [Median (IQR)]
2011	390 (220, 570)	335 (145, 500)	380 (100, 400)	380 (209, 560)
2012	400 (212, 580)	330 (92, 535)	475 (318, 618)	390 (200, 570)
2013	420 (200, 610)	338 (181, 608)	660 (493, 820)	412 (200, 610)
2014	390 (210, 580)	340 (153, 518)	280 (126, 400)	383 (200, 570)
2015	370 (168, 560)	375 (156, 600)	270 (130, 540)	370 (160, 560)
2016	382 (210, 570)	320 (90, 527)	294 (268, 319)	380 (190, 558)
2017	390 (201, 570)	236 (80, 479)	395 (295, 483)	374 (180, 558)
2018	390 (180, 592)	330 (120, 475)	490 (170, 580)	386 (170, 580)
2019	361 (163, 554)	296 (152, 476)	520 (242, 645)	352 (160, 550)
2020	340 (172, 560)	187 (64, 470)	590 (366, 610)	322 (150, 560)
2021	312 (120, 552)	225 (113, 449)	186 (78, 330)	309 (120, 518)
Overall	351 (150, 550)	300 (124, 520)	386 (193, 591)	346 (149, 550)

After adjustments
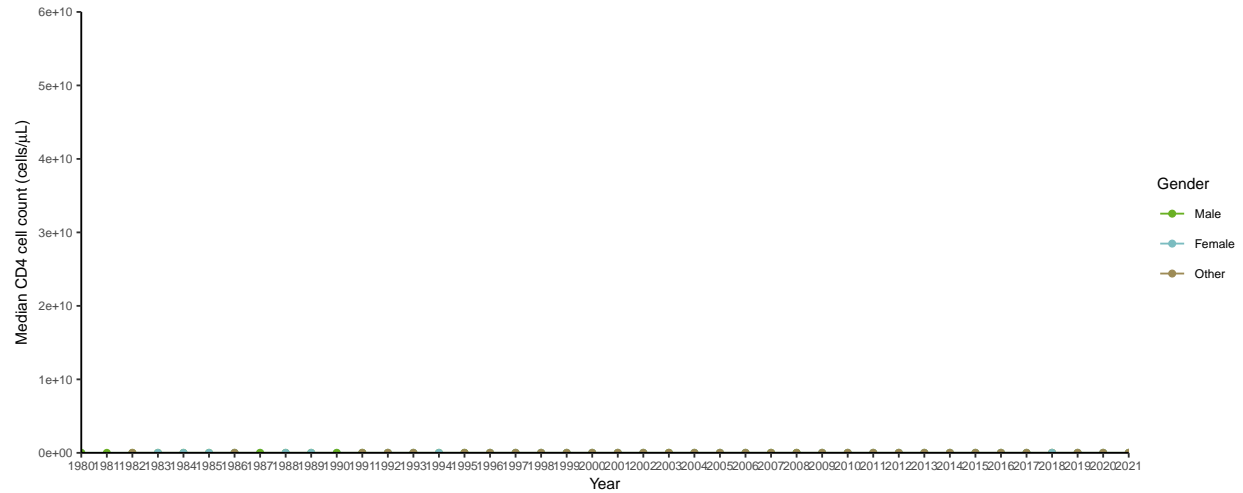
Year of diagnosis	Male [Median (IQR)]	Female [Median (IQR)]	Other [Median (IQR)]
1980	1391 (1391, 1391)	2026 (2026, 2026)	- (-, -)
1981	858 (858, 858)	- (-, -)	- (-, -)
1982	751 (751, 751)	- (-, -)	233 (233, 233)
1983	645 (645, 645)	663 (663, 663)	- (-, -)
1984	534 (534, 534)	890 (890, 890)	- (-, -)
1985	575 (575, 575)	886 (886, 886)	- (-, -)
1986	582 (582, 582)	735 (735, 735)	379 (379, 379)
1987	564 (564, 564)	639 (639, 639)	- (-, -)
1988	513 (513, 513)	529 (529, 529)	- (-, -)
1989	480 (480, 480)	647 (647, 647)	- (-, -)
1990	470 (470, 470)	558 (558, 558)	- (-, -)
1991	420 (420, 420)	520 (520, 520)	385 (385, 385)
1992	411 (411, 411)	498 (498, 498)	396 (396, 396)
1993	362 (362, 362)	450 (450, 450)	424 (424, 424)
1994	273 (273, 273)	411 (411, 411)	- (-, -)
1995	241 (241, 241)	311 (311, 311)	444 (444, 444)
1996	240 (240, 240)	278 (278, 278)	622 (622, 622)

| Year of diagnosis	Male [Median (IQR)]	Female [Median (IQR)]	Other [Median (IQR)]
1997	234 (234, 234)	274 (274, 274)	788 (788, 788)
1998	233 (233, 233)	264 (264, 264)	465 (465, 465)
1999	248 (248, 248)	314 (314, 314)	254 (254, 254)
2000	248 (248, 248)	291 (291, 291)	248 (248, 248)
2001	271 (271, 271)	302 (302, 302)	314 (314, 314)
2002	286 (286, 286)	284 (284, 284)	332 (332, 332)
2003	281 (281, 281)	278 (278, 278)	357 (357, 357)
2004	298 (298, 298)	288 (288, 288)	331 (331, 331)
2005	311 (311, 311)	287 (287, 287)	197 (197, 197)
2006	348 (348, 348)	304 (304, 304)	382 (382, 382)
2007	340 (340, 340)	296 (296, 296)	331 (331, 331)
2008	356 (356, 356)	286 (286, 286)	338 (338, 338)
2009	338 (338, 338)	323 (323, 323)	274 (274, 274)
2010	341 (341, 341)	333 (333, 333)	565 (565, 565)
2011	364 (364, 364)	308 (308, 308)	300 (300, 300)
2012	369 (369, 369)	300 (300, 300)	419 (419, 419)
2013	374 (374, 374)	343 (343, 343)	528 (528, 528)
2014	364 (364, 364)	322 (322, 322)	255 (255, 255)
2015	336 (336, 336)	352 (352, 352)	320 (320, 320)
2016	350 (350, 350)	284 (284, 284)	352 (352, 352)
2017	352 (352, 352)	246 (246, 246)	407 (407, 407)
2018	347 (347, 347)	287 (287, 287)	354 (354, 354)
2019	331 (331, 331)	292 (292, 292)	410 (410, 410)
2020	329 (329, 329)	223 (223, 223)	465 (465, 465)
2021	288 (288, 288)	263 (263, 263)	212 (212, 212)

Comparison of data by Transmission

Number of diagnoses per year

Before adjustments
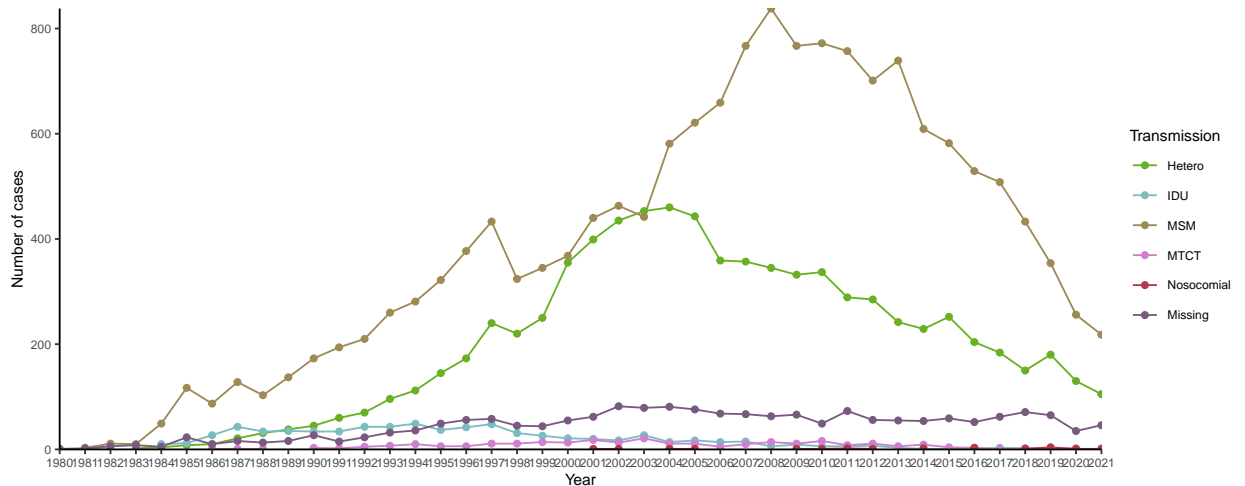
Year of diagnosis	Hetero [N (%)]	IDU [N (%)]	MSM [N (%)]	MTCT [N (%)]	Nosocomial [N (%)]	Missing [N (%)]	Overall [N (%)]
1980	- (-)	1 (50)	- (-)	- (-)	- (-)	1 (50)	2 (100)
1981	- (-)	1 (17)	3 (50)	- (-)	- (-)	2 (33)	6 (100)
1982	- (-)	4 (19)	11 (52)	- (-)	- (-)	6 (29)	21 (100)
1983	2 (10)	- (-)	10 (50)	- (-)	- (-)	8 (40)	20 (100)
1984	4 (6)	10 (15)	49 (72)	- (-)	- (-)	5 (7)	68 (100)
1985	8 (5)	12 (8)	117 (73)	- (-)	- (-)	23 (14)	160 (100)
1986	10 (7)	27 (20)	87 (64)	1 (1)	- (-)	10 (7)	135 (100)
1987	21 (10)	43 (21)	128 (61)	1 (0)	- (-)	16 (8)	209 (100)
1988	31 (17)	34 (19)	103 (57)	1 (1)	- (-)	13 (7)	182 (100)
1989	38 (17)	35 (15)	137 (61)	- (-)	- (-)	16 (7)	226 (100)
1990	45 (16)	34 (12)	173 (61)	3 (1)	- (-)	27 (10)	282 (100)
1991	60 (20)	34 (11)	194 (64)	2 (1)	- (-)	15 (5)	305 (100)
1992	70 (20)	43 (12)	210 (60)	5 (1)	- (-)	23 (7)	351 (100)
1993	96 (22)	43 (10)	260 (59)	7 (2)	- (-)	32 (7)	438 (100)
1994	112 (23)	49 (10)	281 (58)	10 (2)	- (-)	36 (7)	488 (100)
1995	145 (26)	37 (7)	322 (58)	6 (1)	- (-)	49 (9)	559 (100)
1996	173 (26)	42 (6)	377 (58)	6 (1)	- (-)	56 (9)	654 (100)
1997	240 (30)	48 (6)	433 (55)	11 (1)	- (-)	58 (7)	790 (100)
1998	220 (35)	31 (5)	324 (51)	11 (2)	- (-)	45 (7)	631 (100)
1999	250 (37)	26 (4)	345 (51)	14 (2)	- (-)	44 (6)	679 (100)
2000	355 (44)	21 (3)	368 (45)	13 (2)	- (-)	55 (7)	812 (100)
2001	399 (42)	20 (2)	440 (47)	18 (2)	1 (0)	62 (7)	940 (100)
2002	435 (43)	17 (2)	463 (46)	13 (1)	1 (0)	82 (8)	1011 (100)
2003	453 (44)	27 (3)	442 (43)	21 (2)	- (-)	79 (8)	1022 (100)
2004	460 (40)	14 (1)	581 (51)	11 (1)	1 (0)	81 (7)	1148 (100)
2005	443 (38)	17 (1)	621 (53)	11 (1)	1 (0)	76 (7)	1169 (100)
2006	359 (32)	14 (1)	659 (60)	5 (0)	- (-)	68 (6)	1105 (100)
2007	357 (29)	15 (1)	767 (63)	10 (1)	- (-)	67 (6)	1216 (100)
2008	345 (27)	6 (0)	838 (66)	14 (1)	- (-)	63 (5)	1266 (100)
2009	332 (28)	9 (1)	767 (65)	11 (1)	1 (0)	66 (6)	1186 (100)
2010	337 (29)	6 (1)	772 (65)	16 (1)	1 (0)	49 (4)	1181 (100)
2011	289 (25)	6 (1)	757 (67)	8 (1)	2 (0)	73 (6)	1135 (100)
2012	285 (27)	7 (1)	701 (66)	11 (1)	1 (0)	56 (5)	1061 (100)
2013	242 (23)	3 (0)	739 (71)	6 (1)	- (-)	55 (5)	1045 (100)
2014	229 (25)	1 (0)	609 (67)	9 (1)	2 (0)	54 (6)	904 (100)
2015	252 (28)	1 (0)	582 (65)	4 (0)	- (-)	59 (7)	898 (100)
2016	204 (26)	1 (0)	529 (67)	3 (0)	3 (0)	52 (7)	792 (100)
2017	184 (24)	3 (0)	508 (67)	1 (0)	- (-)	62 (8)	758 (100)
2018	150 (23)	2 (0)	433 (66)	2 (0)	1 (0)	71 (11)	659 (100)
2019	180 (30)	2 (0)	354 (58)	1 (0)	4 (1)	65 (11)	606 (100)
2020	130 (31)	- (-)	256 (60)	2 (0)	1 (0)	35 (8)	424 (100)
2021	105 (28)	2 (1)	218 (59)	- (-)	1 (0)	46 (12)	372 (100)
Overall	8050 (30)	748 (3)	15968 (59)	268 (1)	21 (0)	1861 (7)	26916 (100)

After adjustments
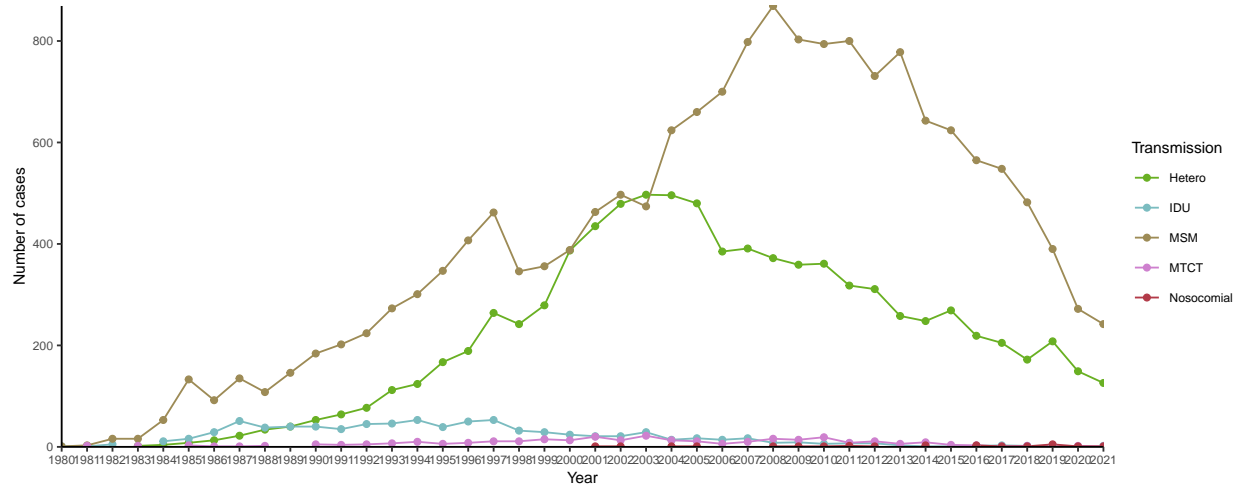
Year of diagnosis	Hetero [N (%)]	IDU [N (%)]	MSM [N (%)]	MTCT [N (%)]	Nosocomial [N (%)]	Overall [N (%)]
1980	- (-)	1 (50)	1 (50)	- (-)	- (-)	2 (100)
1981	- (-)	1 (17)	3 (50)	2 (33)	- (-)	6 (100)
1982	- (-)	5 (24)	16 (76)	- (-)	- (-)	21 (100)
1983	2 (10)	- (-)	16 (80)	2 (10)	- (-)	20 (100)
1984	4 (6)	11 (16)	53 (78)	- (-)	- (-)	68 (100)
1985	8 (5)	16 (10)	133 (83)	3 (2)	- (-)	160 (100)
1986	13 (10)	29 (21)	92 (68)	1 (1)	- (-)	135 (100)
1987	22 (11)	51 (24)	135 (65)	1 (0)	- (-)	209 (100)
1988	34 (19)	38 (21)	108 (59)	2 (1)	- (-)	182 (100)
1989	40 (18)	40 (18)	146 (65)	- (-)	- (-)	226 (100)
1990	53 (19)	40 (14)	184 (65)	5 (2)	- (-)	282 (100)
1991	64 (21)	35 (11)	202 (66)	4 (1)	- (-)	305 (100)
1992	77 (22)	45 (13)	224 (64)	5 (1)	- (-)	351 (100)
1993	112 (26)	46 (11)	273 (62)	7 (2)	- (-)	438 (100)
1994	124 (25)	53 (11)	301 (62)	10 (2)	- (-)	488 (100)
1995	167 (30)	39 (7)	347 (62)	6 (1)	- (-)	559 (100)
1996	189 (29)	50 (8)	407 (62)	8 (1)	- (-)	654 (100)
1997	264 (33)	53 (7)	462 (58)	11 (1)	- (-)	790 (100)
1998	242 (38)	32 (5)	346 (55)	11 (2)	- (-)	631 (100)
1999	279 (41)	29 (4)	356 (52)	15 (2)	- (-)	679 (100)
2000	387 (48)	24 (3)	388 (48)	13 (2)	- (-)	812 (100)
2001	435 (46)	21 (2)	463 (49)	20 (2)	1 (0)	940 (100)
2002	479 (47)	21 (2)	497 (49)	13 (1)	1 (0)	1011 (100)
2003	497 (49)	29 (3)	474 (46)	22 (2)	- (-)	1022 (100)
2004	496 (43)	14 (1)	624 (54)	13 (1)	1 (0)	1148 (100)
2005	480 (41)	17 (1)	660 (56)	11 (1)	1 (0)	1169 (100)
2006	385 (35)	14 (1)	700 (63)	6 (1)	- (-)	1105 (100)
2007	391 (32)	17 (1)	798 (66)	10 (1)	- (-)	1216 (100)
2008	372 (29)	8 (1)	869 (69)	16 (1)	1 (0)	1266 (100)
2009	359 (30)	9 (1)	803 (68)	14 (1)	1 (0)	1186 (100)
2010	361 (31)	6 (1)	794 (67)	19 (2)	1 (0)	1181 (100)
2011	318 (28)	7 (1)	800 (70)	8 (1)	2 (0)	1135 (100)
2012	311 (29)	7 (1)	731 (69)	11 (1)	1 (0)	1061 (100)

Year of diagnosis	Hetero [N (%)]	IDU [N (%)]	MSM [N (%)]	MTCT [N (%)]	Nosocomial [N (%)]	Overall [N (%)]
2013	258 (25)	3 (0)	778 (74)	6 (1)	- (-)	1045 (100)
2014	248 (27)	1 (0)	643 (71)	9 (1)	3 (0)	904 (100)
2015	269 (30)	1 (0)	624 (69)	4 (0)	- (-)	898 (100)
2016	219 (28)	2 (0)	565 (71)	3 (0)	3 (0)	792 (100)
2017	205 (27)	3 (0)	548 (72)	1 (0)	1 (0)	758 (100)
2018	172 (26)	2 (0)	482 (73)	2 (0)	1 (0)	659 (100)
2019	208 (34)	2 (0)	390 (64)	1 (0)	5 (1)	606 (100)
2020	149 (35)	- (-)	272 (64)	2 (0)	1 (0)	424 (100)
2021	126 (34)	2 (1)	242 (65)	1 (0)	1 (0)	372 (100)
Overall	8819 (33)	824 (3)	16950 (63)	298 (1)	25 (0)	26916 (100)

Median CD4 cell count (cells/µL)
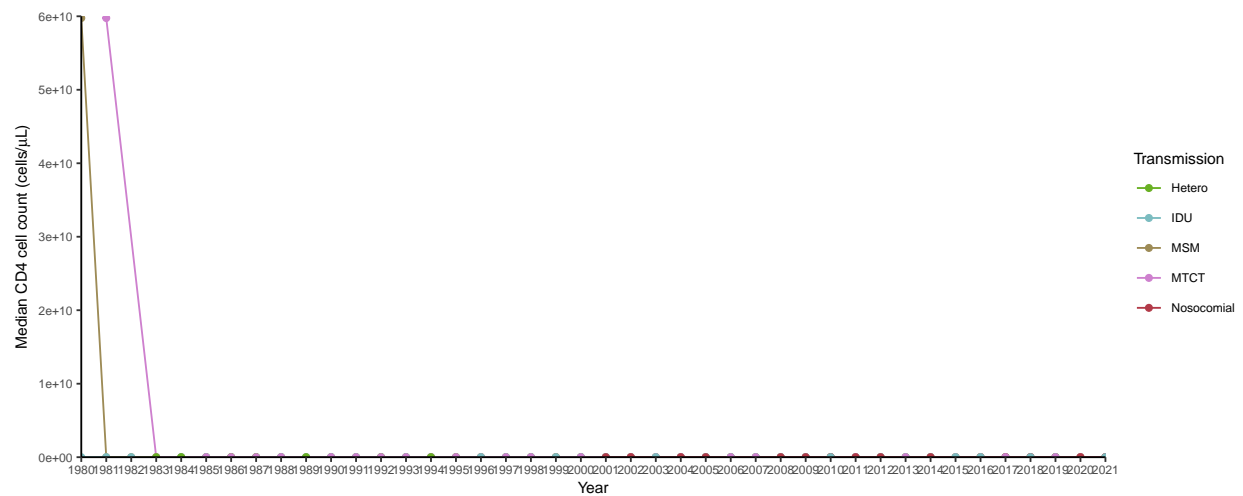
Before adjustments

Year of diagnosis	Hetero [Median (IQR)]	IDU [Median (IQR)]	MSM [Median (IQR)]	MTCT [Median (IQR)]	Nosocomial [Median (IQR)]	Missing [Median (IQR)]	Overall [Median (IQR)]
1980	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)
1981	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)
1982	- (-, -)	50 (50, 50)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	50 (50, 50)
1983	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)
1984	- (-, -)	- (-, -)	300 (265, 335)	- (-, -)	- (-, -)	- (-, -)	300 (265, 335)
1985	- (-, -)	- (-, -)	690 (460, 810)	- (-, -)	- (-, -)	370 (370, 370)	625 (422, 805)
1986	- (-, -)	- (-, -)	725 (562, 915)	- (-, -)	- (-, -)	700 (586, 850)	720 (530, 950)
1987	- (-, -)	700 (700, 700)	590 (385, 950)	- (-, -)	- (-, -)	- (-, -)	645 (392, 925)

Year of diagnosis	Hetero [Median (IQR)]	IDU [Median (IQR)]	MSM [Median (IQR)]	MTCT [Median (IQR)]	Nosocomial [Median (IQR)]	Missing [Median (IQR)]	Overall [Median (IQR)]
1988	315 (303, 328)	- (-, -)	495 (402, 600)	- (-, -)	- (-, -)	- (-, -)	450 (348, 600)
1989	660 (395, 778)	485 (350, 597)	540 (400, 700)	- (-, -)	- (-, -)	1016 (1016, 1016)	560 (400, 708)
1990	500 (320, 645)	240 (240, 280)	550 (417, 763)	1733 (869, 2596)	- (-, -)	1050 (1050, 1050)	530 (380, 750)
1991	500 (324, 636)	375 (308, 878)	480 (320, 650)	1120 (1120, 1120)	- (-, -)	440 (440, 440)	484 (318, 652)
1992	356 (285, 630)	455 (252, 548)	425 (292, 618)	- (-, -)	- (-, -)	600 (460, 1415)	440 (280, 622)
1993	499 (283, 728)	150 (30, 490)	350 (189, 540)	1620 (1085, 2250)	- (-, -)	370 (95, 630)	367 (190, 598)
1994	280 (156, 470)	422 (208, 670)	220 (98, 425)	680 (610, 2300)	- (-, -)	210 (80, 360)	260 (110, 445)
1995	210 (70, 380)	460 (320, 745)	190 (63, 369)	1725 (1172, 2277)	- (-, -)	155 (30, 548)	200 (62, 396)
1996	211 (60, 400)	250 (90, 400)	240 (80, 415)	373 (283, 516)	- (-, -)	260 (133, 443)	240 (80, 410)
1997	209 (50, 400)	230 (140, 340)	250 (70, 430)	1280 (910, 2150)	- (-, -)	200 (50, 380)	230 (70, 420)
1998	200 (60, 420)	85 (13, 175)	258 (72, 466)	771 (660, 996)	- (-, -)	193 (60, 338)	220 (70, 450)
1999	271 (108, 503)	287 (116, 515)	260 (93, 480)	410 (194, 720)	- (-, -)	138 (88, 210)	260 (100, 480)
2000	220 (70, 420)	250 (58, 363)	300 (102, 495)	500 (335, 975)	- (-, -)	155 (68, 402)	260 (80, 469)
2001	270 (100, 450)	150 (80, 290)	332 (158, 510)	660 (116, 1940)	20 (20, 20)	140 (58, 350)	290 (110, 490)
2002	230 (94, 470)	410 (30, 509)	370 (160, 590)	1185 (790, 2100)	10 (10, 10)	135 (51, 348)	306 (110, 530)
2003	266 (100, 430)	520 (352, 600)	340 (160, 530)	570 (75, 1220)	- (-, -)	148 (56, 308)	290 (120, 500)
2004	270 (110, 470)	365 (220, 500)	380 (200, 570)	300 (232, 805)	660 (660, 660)	120 (33, 326)	320 (130, 520)
2005	220 (80, 478)	230 (110, 486)	400 (240, 590)	565 (377, 1155)	280 (280, 280)	146 (40, 315)	330 (122, 550)
2006	301 (102, 476)	265 (185, 388)	420 (230, 620)	1050 (708, 1808)	- (-, -)	130 (42, 400)	368 (180, 580)
2007	260 (80, 468)	214 (90, 300)	420 (223, 590)	781 (720, 1173)	- (-, -)	139 (46, 295)	360 (160, 560)
2008	275 (80, 460)	170 (164, 720)	420 (260, 583)	480 (358, 1063)	- (-, -)	218 (36, 440)	380 (190, 560)
2009	250 (90, 448)	347 (186, 585)	410 (262, 570)	240 (190, 402)	- (-, -)	166 (32, 393)	370 (190, 543)
2010	250 (78, 537)	180 (41, 810)	390 (230, 570)	1810 (1140, 2116)	- (-, -)	220 (40, 419)	360 (170, 560)

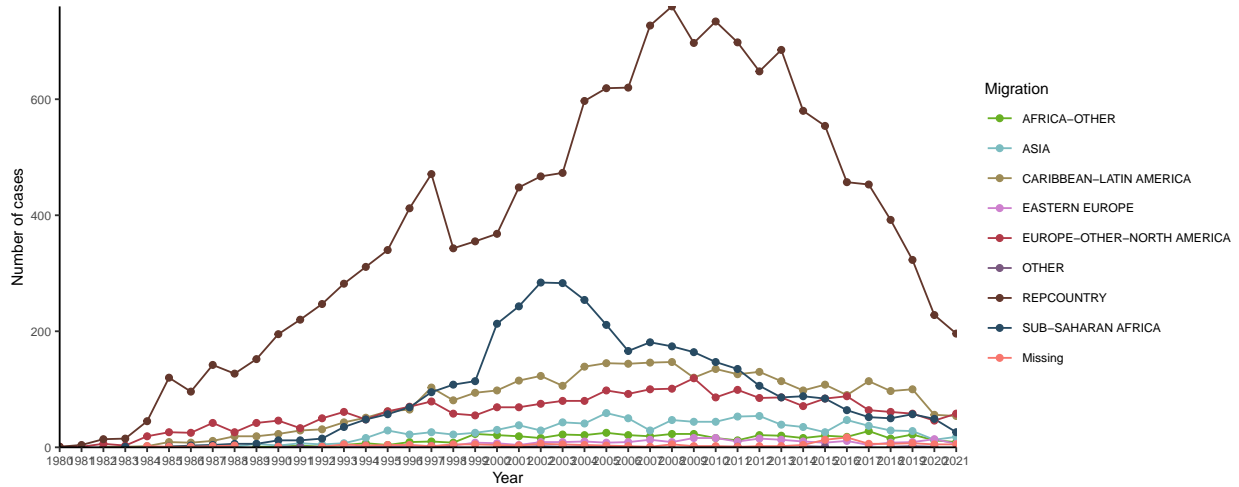| Year of diagnosis	Hetero [Median (IQR)]	IDU [Median (IQR)]	MSM [Median (IQR)]	MTCT [Median (IQR)]	Nosocomial [Median (IQR)]	Missing [Median (IQR)]	Overall [Median (IQR)]
2011	280 (110, 461)	30 (20, 340)	420 (270, 592)	1903 (1448, 2597)	60 (60, 60)	150 (42, 405)	380 (209, 560)
2012	310 (74, 508)	380 (190, 430)	430 (266, 600)	992 (549, 1628)	- (-, -)	130 (50, 310)	390 (200, 570)
2013	270 (72, 470)	235 (132, 338)	460 (280, 640)	2170 (1178, 3110)	- (-, -)	190 (50, 327)	412 (200, 610)
2014	270 (82, 480)	- (-, -)	430 (260, 610)	460 (202, 944)	66 (48, 85)	214 (60, 365)	383 (200, 570)
2015	289 (110, 500)	263 (263, 263)	410 (237, 590)	470 (470, 470)	- (-, -)	250 (40, 467)	370 (160, 560)
2016	296 (108, 492)	320 (320, 320)	420 (250, 590)	498 (394, 602)	84 (56, 358)	145 (35, 362)	380 (190, 558)
2017	240 (90, 470)	397 (206, 588)	414 (260, 590)	20 (20, 20)	- (-, -)	238 (79, 392)	374 (180, 558)
2018	312 (105, 478)	475 (268, 683)	430 (230, 610)	1225 (742, 1708)	40 (40, 40)	260 (72, 468)	386 (170, 580)
2019	280 (121, 472)	432 (416, 449)	418 (230, 600)	2680 (2680, 2680)	135 (62, 275)	180 (70, 330)	352 (160, 550)
2020	241 (67, 500)	- (-, -)	380 (236, 584)	410 (230, 590)	1 (1, 1)	90 (50, 277)	322 (150, 560)
2021	232 (114, 453)	1740 (1090, 2390)	346 (160, 573)	- (-, -)	170 (170, 170)	130 (30, 380)	309 (120, 518)
Overall	260 (90, 470)	288 (130, 506)	390 (210, 580)	703 (352, 1735)	70 (30, 200)	160 (50, 380)	346 (149, 550)

After adjustments

Year of diagnosis	Hetero [Median (IQR)]	IDU [Median (IQR)]	MSM [Median (IQR)]	MTCT [Median (IQR)]	Nosocomial [Median (IQR)]
1980	- (-, -)	1770 (1770, 1770)	59756218443 (59756218443, 59756218443)	- (-, -)	- (-, -)
1981	- (-, -)	643 (643, 643)	605 (605, 605)	59760427109 (59760427109, 59760427109)	- (-, -)
1982	- (-, -)	444 (444, 444)	808 (808, 808)	- (-, -)	- (-, -)
1983	585 (585, 585)	- (-, -)	637 (637, 637)	916 (916, 916)	- (-, -)
1984	863 (863, 863)	589 (589, 589)	536 (536, 536)	- (-, -)	- (-, -)
1985	721 (721, 721)	541 (541, 541)	577 (577, 577)	1424 (1424, 1424)	- (-, -)
1986	564 (564, 564)	630 (630, 630)	590 (590, 590)	823 (823, 823)	- (-, -)
1987	501 (501, 501)	584 (584, 584)	579 (579, 579)	2613 (2613, 2613)	- (-, -)
1988	439 (439, 439)	538 (538, 538)	532 (532, 532)	811 (811, 811)	- (-, -)
1989	498 (498, 498)	561 (561, 561)	501 (501, 501)	- (-, -)	- (-, -)
1990	472 (472, 472)	443 (443, 443)	494 (494, 494)	669 (669, 669)	- (-, -)
1991	446 (446, 446)	374 (374, 374)	436 (436, 436)	1105 (1105, 1105)	- (-, -)
1992	430 (430, 430)	380 (380, 380)	425 (425, 425)	823 (823, 823)	- (-, -)
1993	369 (369, 369)	353 (353, 353)	373 (373, 373)	1040 (1040, 1040)	- (-, -)
1994	297 (297, 297)	343 (343, 343)	275 (275, 275)	974 (974, 974)	- (-, -)
1995	239 (239, 239)	346 (346, 346)	244 (244, 244)	842 (842, 842)	- (-, -)
1996	220 (220, 220)	252 (252, 252)	253 (253, 253)	522 (522, 522)	- (-, -)
1997	215 (215, 215)	244 (244, 244)	244 (244, 244)	1422 (1422, 1422)	- (-, -)
1998	210 (210, 210)	244 (244, 244)	248 (248, 248)	870 (870, 870)	- (-, -)
1999	247 (247, 247)	291 (291, 291)	262 (262, 262)	609 (609, 609)	- (-, -)
2000	230 (230, 230)	266 (266, 266)	282 (282, 282)	532 (532, 532)	- (-, -)
2001	244 (244, 244)	249 (249, 249)	301 (301, 301)	773 (773, 773)	20 (20, 20)
2002	230 (230, 230)	229 (229, 229)	331 (331, 331)	1147 (1147, 1147)	10 (10, 10)
2003	235 (235, 235)	383 (383, 383)	313 (313, 313)	581 (581, 581)	- (-, -)

Year of diagnosis	Hetero [Median (IQR)]	IDU [Median (IQR)]	MSM [Median (IQR)]	MTCT [Median (IQR)]	Nosocomial [Median (IQR)]
2004	248 (248, 248)	317 (317, 317)	334 (334, 334)	377 (377, 377)	660 (660, 660)
2005	234 (234, 234)	246 (246, 246)	358 (358, 358)	610 (610, 610)	280 (280, 280)
2006	257 (257, 257)	302 (302, 302)	387 (387, 387)	843 (843, 843)	- (-, -)
2007	247 (247, 247)	265 (265, 265)	374 (374, 374)	891 (891, 891)	- (-, -)
2008	245 (245, 245)	305 (305, 305)	387 (387, 387)	648 (648, 648)	640 (640, 640)
2009	259 (259, 259)	314 (314, 314)	373 (373, 373)	375 (375, 375)	82 (82, 82)
2010	258 (258, 258)	335 (335, 335)	367 (367, 367)	1295 (1295, 1295)	202 (202, 202)
2011	260 (260, 260)	151 (151, 151)	394 (394, 394)	1067 (1067, 1067)	117 (117, 117)
2012	267 (267, 267)	381 (381, 381)	393 (393, 393)	1037 (1037, 1037)	152 (152, 152)
2013	253 (253, 253)	260 (260, 260)	410 (410, 410)	1395 (1395, 1395)	- (-, -)
2014	265 (265, 265)	454 (454, 454)	392 (392, 392)	867 (867, 867)	57 (57, 57)
2015	274 (274, 274)	263 (263, 263)	365 (365, 365)	1066 (1066, 1066)	- (-, -)
2016	259 (259, 259)	262 (262, 262)	377 (377, 377)	421 (421, 421)	152 (152, 152)
2017	248 (248, 248)	293 (293, 293)	378 (378, 378)	34 (34, 34)	136 (136, 136)
2018	249 (249, 249)	360 (360, 360)	375 (375, 375)	887 (887, 887)	43 (43, 43)
2019	253 (253, 253)	432 (432, 432)	367 (367, 367)	2029 (2029, 2029)	177 (177, 177)
2020	224 (224, 224)	- (-, -)	370 (370, 370)	303 (303, 303)	1 (1, 1)
2021	224 (224, 224)	1317 (1317, 1317)	309 (309, 309)	410 (410, 410)	122 (122, 122)

Comparison of data by Migration

Number of diagnoses per year
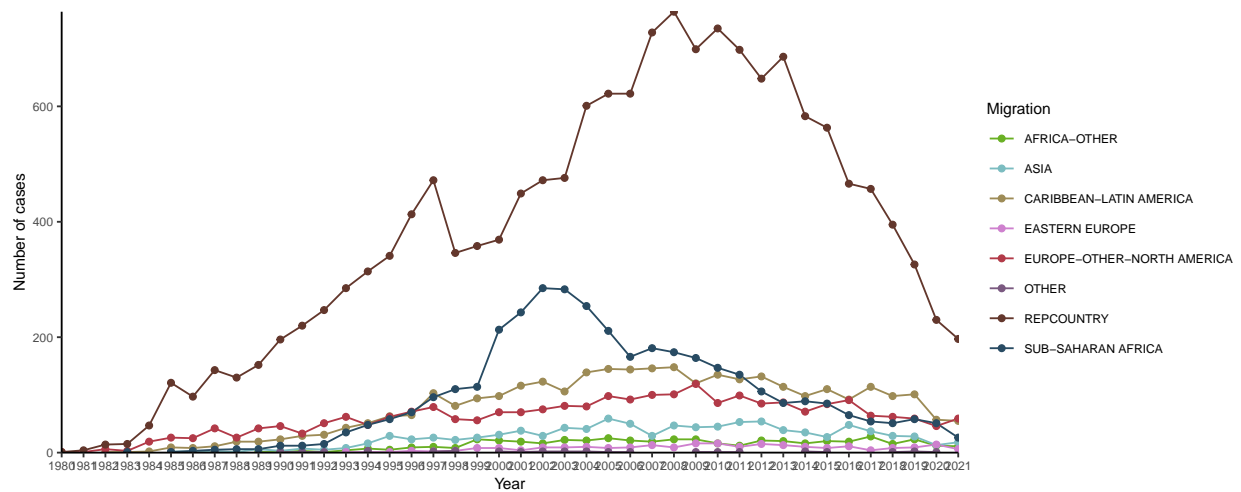
Before adjustments

Year of diagnosis	AFRICA-OTHER [N (%)]	ASIA [N (%)]	CARIBBEAN-LATIN AMER-ICA [N (%)]	EASTERN EU-ROPE [N (%)]	EUROPE-OTHER-NORTH AMERICA [N (%)]	OTHER [N (%)]	REPCOUNTRY [N (%)]	SUB-SAHARAN AFRICA [N (%)]	Missing [N (%)]	Overall [N (%)]
1980	- (-)	- (-)	- (-)	- (-)	1 (50)	- (-)	1 (50)	- (-)	- (-)	2 (100)
1981	- (-)	- (-)	- (-)	1 (17)	1 (17)	- (-)	4 (67)	- (-)	- (-)	6 (100)
1982	- (-)	- (-)	1 (5)	- (-)	6 (29)	- (-)	14 (67)	- (-)	- (-)	21 (100)
1983	- (-)	- (-)	1 (5)	- (-)	3 (15)	- (-)	15 (75)	1 (5)	- (-)	20 (100)
1984	- (-)	- (-)	2 (3)	- (-)	19 (28)	- (-)	45 (66)	- (-)	2 (3)	68 (100)
1985	- (-)	2 (1)	9 (6)	- (-)	26 (16)	1 (1)	120 (75)	1 (1)	1 (1)	160 (100)
1986	- (-)	2 (1)	8 (6)	- (-)	25 (19)	- (-)	96 (71)	3 (2)	1 (1)	135 (100)
1987	2 (1)	3 (1)	11 (5)	- (-)	42 (20)	3 (1)	142 (68)	4 (2)	2 (1)	209 (100)
1988	- (-)	1 (1)	19 (10)	- (-)	26 (14)	- (-)	127 (70)	6 (3)	3 (2)	182 (100)
1989	1 (0)	6 (3)	19 (8)	- (-)	42 (19)	- (-)	152 (67)	6 (3)	- (-)	226 (100)
1990	1 (0)	3 (1)	23 (8)	- (-)	46 (16)	1 (0)	195 (69)	12 (4)	1 (0)	282 (100)
1991	3 (1)	7 (2)	29 (10)	- (-)	33 (11)	1 (0)	220 (72)	12 (4)	- (-)	305 (100)

14

Year of diagnosis	AFRICA-OTHER [N (%)]	ASIA [N (%)]	CARIBBEAN-LATIN AMERICA [N (%)]	EASTERN EUROPE [N (%)]	EUROPE-OTHER-NORTH AMERICA [N (%)]	OTHER [N (%)]	REP.COUNTRY [N (%)]	SUB-SAHARAN AFRICA [N (%)]	Missing [N (%)]	Overall [N (%)]
1992	1 (0)	5 (1)	31 (9)	- (-)	50 (14)	1 (0)	247 (70)	15 (4)	1 (0)	351 (100)
1993	4 (1)	7 (2)	43 (10)	1 (0)	61 (14)	- (-)	282 (64)	35 (8)	5 (1)	438 (100)
1994	7 (1)	16 (3)	51 (10)	1 (0)	48 (10)	3 (1)	311 (64)	48 (10)	3 (1)	488 (100)
1995	4 (1)	29 (5)	62 (11)	1 (0)	62 (11)	- (-)	340 (61)	57 (10)	4 (1)	559 (100)
1996	9 (1)	22 (3)	65 (10)	3 (0)	70 (11)	- (-)	412 (63)	69 (11)	4 (1)	654 (100)
1997	10 (1)	26 (3)	103 (13)	2 (0)	79 (10)	2 (0)	471 (60)	95 (12)	2 (0)	790 (100)
1998	8 (1)	22 (3)	81 (13)	3 (0)	58 (9)	3 (0)	343 (54)	108 (17)	5 (1)	631 (100)
1999	23 (3)	25 (4)	94 (14)	8 (1)	55 (8)	- (-)	355 (52)	114 (17)	5 (1)	679 (100)
2000	21 (3)	30 (4)	98 (12)	7 (1)	69 (8)	2 (0)	368 (45)	213 (26)	4 (0)	812 (100)
2001	19 (2)	38 (4)	115 (12)	4 (0)	69 (7)	1 (0)	448 (48)	243 (26)	3 (0)	940 (100)
2002	16 (2)	29 (3)	123 (12)	9 (1)	75 (7)	2 (0)	467 (46)	284 (28)	6 (1)	1011 (100)
2003	22 (2)	43 (4)	106 (10)	9 (1)	80 (8)	1 (0)	473 (46)	283 (28)	5 (0)	1022 (100)
2004	21 (2)	41 (4)	139 (12)	10 (1)	80 (7)	2 (0)	597 (52)	254 (22)	4 (0)	1148 (100)
2005	25 (2)	59 (5)	145 (12)	8 (1)	98 (8)	1 (0)	619 (53)	211 (18)	3 (0)	1169 (100)
2006	21 (2)	50 (5)	144 (13)	9 (1)	92 (8)	1 (0)	620 (56)	166 (15)	2 (0)	1105 (100)
2007	19 (2)	29 (2)	146 (12)	13 (1)	100 (8)	- (-)	727 (60)	181 (15)	1 (0)	1216 (100)
2008	23 (2)	47 (4)	147 (12)	9 (1)	101 (8)	- (-)	760 (60)	174 (14)	5 (0)	1266 (100)
2009	23 (2)	44 (4)	120 (10)	16 (1)	119 (10)	1 (0)	697 (59)	164 (14)	2 (0)	1186 (100)
2010	16 (1)	44 (4)	135 (11)	16 (1)	86 (7)	1 (0)	734 (62)	147 (12)	2 (0)	1181 (100)
2011	12 (1)	53 (5)	126 (11)	10 (1)	99 (9)	1 (0)	698 (61)	135 (12)	1 (0)	1135 (100)
2012	21 (2)	54 (5)	130 (12)	15 (1)	85 (8)	- (-)	648 (61)	106 (10)	2 (0)	1061 (100)
2013	20 (2)	39 (4)	114 (11)	13 (1)	86 (8)	- (-)	685 (66)	86 (8)	2 (0)	1045 (100)
2014	16 (2)	35 (4)	98 (11)	10 (1)	71 (8)	2 (0)	580 (64)	88 (10)	4 (0)	904 (100)
2015	20 (2)	26 (3)	108 (12)	8 (1)	84 (9)	1 (0)	554 (62)	84 (9)	13 (1)	898 (100)

Year of diag- nosis	AFRICA- OTHER [N (%)]	ASIA [N (%)]	CARIBBEAN- LATIN AMER- ICA [N (%)]	EASTERN EU- ROPE [N (%)]	EUROPE- OTHER- NORTH AMERICA [N (%)]	OTHER [N (%)]	REPCOUNTRY [N (%)]	SUB- SAHARAN AFRICA [N (%)]	Missing [N (%)]	Overall [N (%)]
2016	18 (2)	47 (6)	90 (11)	11 (1)	88 (11)	- (-)	457 (58)	64 (8)	17 (2)	792 (100)
2017	28 (4)	37 (5)	114 (15)	4 (1)	64 (8)	- (-)	453 (60)	52 (7)	6 (1)	758 (100)
2018	15 (2)	29 (4)	97 (15)	8 (1)	61 (9)	1 (0)	392 (59)	50 (8)	6 (1)	659 (100)
2019	22 (4)	28 (5)	100 (17)	9 (1)	58 (10)	2 (0)	323 (53)	57 (9)	7 (1)	606 (100)
2020	12 (3)	13 (3)	56 (13)	14 (3)	46 (11)	1 (0)	228 (54)	49 (12)	5 (1)	424 (100)
2021	9 (2)	18 (5)	54 (15)	6 (2)	58 (16)	- (-)	196 (53)	26 (7)	5 (1)	372 (100)
Overall	492 (2)	1009 (4)	3157 (12)	238 (1)	2522 (9)	35 (0)	15616 (58)	3703 (14)	144 (1)	26916 (100)

After adjustments

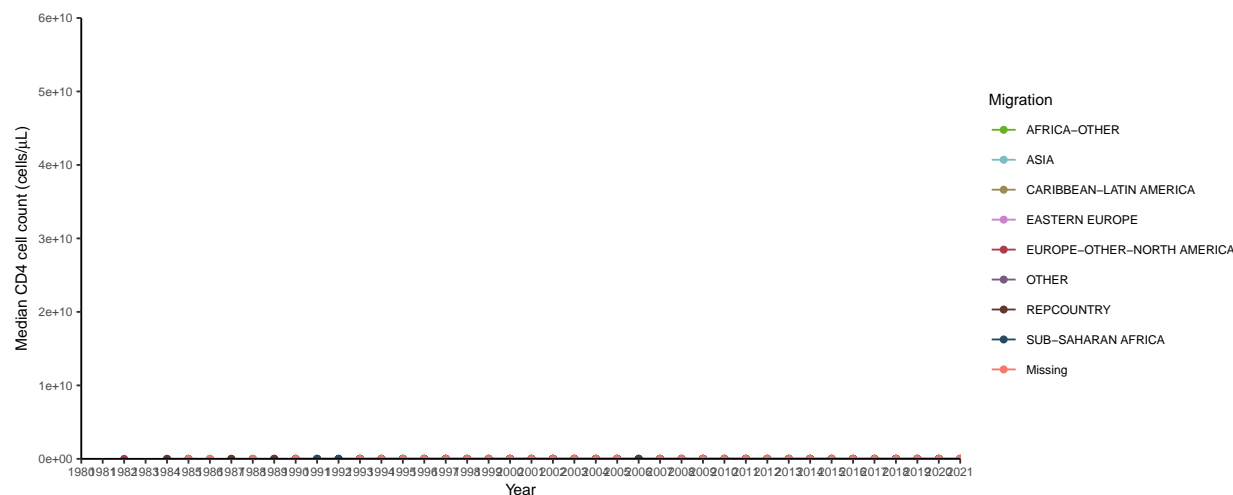| Year of diag- nosis	AFRICA- OTHER [N (%)]	ASIA [N (%)]	CARIBBEAN- LATIN AMERICA [N (%)]	EASTERN EU- ROPE [N (%)]	EUROPE- OTHER- NORTH AMERICA [N (%)]	OTHER [N (%)]	REPCOUNTRY [N (%)]	SUB- SAHARAN AFRICA [N (%)]	Overall [N (%)]
1980	- (-)	- (-)	- (-)	- (-)	1 (50)	- (-)	1 (50)	- (-)	2 (100)
1981	- (-)	- (-)	- (-)	1 (17)	1 (17)	- (-)	4 (67)	- (-)	6 (100)
1982	- (-)	- (-)	1 (5)	- (-)	6 (29)	- (-)	14 (67)	- (-)	21 (100)
1983	- (-)	- (-)	1 (5)	- (-)	3 (15)	- (-)	15 (75)	1 (5)	20 (100)

Year of diagnosis	AFRICA-OTHER [N (%)]	ASIA [N (%)]	CARIBBEAN-LATIN AMERICA [N (%)]	EASTERN EUROPE [N (%)]	EUROPE-OTHER-NORTH AMERICA [N (%)]	OTHER [N (%)]	REPCOUNTRY [N (%)]	SUB-SAHARAN AFRICA [N (%)]	Overall [N (%)]
1984	- (-)	- (-)	2 (3)	- (-)	19 (28)	- (-)	47 (69)	- (-)	68 (100)
1985	- (-)	2 (1)	9 (6)	- (-)	26 (16)	1 (1)	121 (76)	1 (1)	160 (100)
1986	- (-)	2 (1)	8 (6)	- (-)	25 (19)	- (-)	97 (72)	3 (2)	135 (100)
1987	2 (1)	3 (1)	11 (5)	- (-)	42 (20)	3 (1)	143 (68)	5 (2)	209 (100)
1988	- (-)	1 (1)	19 (10)	- (-)	26 (14)	- (-)	130 (71)	6 (3)	182 (100)
1989	1 (0)	6 (3)	19 (8)	- (-)	42 (19)	- (-)	152 (67)	6 (3)	226 (100)
1990	1 (0)	3 (1)	23 (8)	- (-)	46 (16)	1 (0)	196 (70)	12 (4)	282 (100)
1991	3 (1)	7 (2)	29 (10)	- (-)	33 (11)	1 (0)	220 (72)	12 (4)	305 (100)
1992	1 (0)	5 (1)	31 (9)	- (-)	51 (15)	1 (0)	247 (70)	15 (4)	351 (100)
1993	4 (1)	8 (2)	43 (10)	1 (0)	62 (14)	- (-)	285 (65)	35 (8)	438 (100)
1994	7 (1)	16 (3)	51 (10)	1 (0)	48 (10)	3 (1)	314 (64)	48 (10)	488 (100)
1995	5 (1)	29 (5)	63 (11)	1 (0)	62 (11)	- (-)	341 (61)	58 (10)	559 (100)
1996	9 (1)	23 (4)	65 (10)	3 (0)	71 (11)	- (-)	413 (63)	70 (11)	654 (100)
1997	10 (1)	26 (3)	103 (13)	2 (0)	79 (10)	2 (0)	472 (60)	96 (12)	790 (100)
1998	8 (1)	22 (3)	81 (13)	3 (0)	58 (9)	3 (0)	346 (55)	110 (17)	631 (100)
1999	23 (3)	26 (4)	94 (14)	8 (1)	56 (8)	- (-)	358 (53)	114 (17)	679 (100)
2000	21 (3)	31 (4)	98 (12)	8 (1)	70 (9)	2 (0)	369 (45)	213 (26)	812 (100)
2001	19 (2)	38 (4)	116 (12)	4 (0)	70 (7)	1 (0)	449 (48)	243 (26)	940 (100)
2002	16 (2)	29 (3)	123 (12)	9 (1)	75 (7)	2 (0)	472 (47)	285 (28)	1011 (100)
2003	22 (2)	43 (4)	106 (10)	9 (1)	81 (8)	2 (0)	476 (47)	283 (28)	1022 (100)
2004	21 (2)	41 (4)	139 (12)	10 (1)	80 (7)	2 (0)	601 (52)	254 (22)	1148 (100)
2005	25 (2)	59 (5)	145 (12)	8 (1)	98 (8)	1 (0)	622 (53)	211 (18)	1169 (100)
2006	21 (2)	50 (5)	144 (13)	9 (1)	92 (8)	1 (0)	622 (56)	166 (15)	1105 (100)
2007	19 (2)	29 (2)	146 (12)	13 (1)	100 (8)	- (-)	728 (60)	181 (15)	1216 (100)

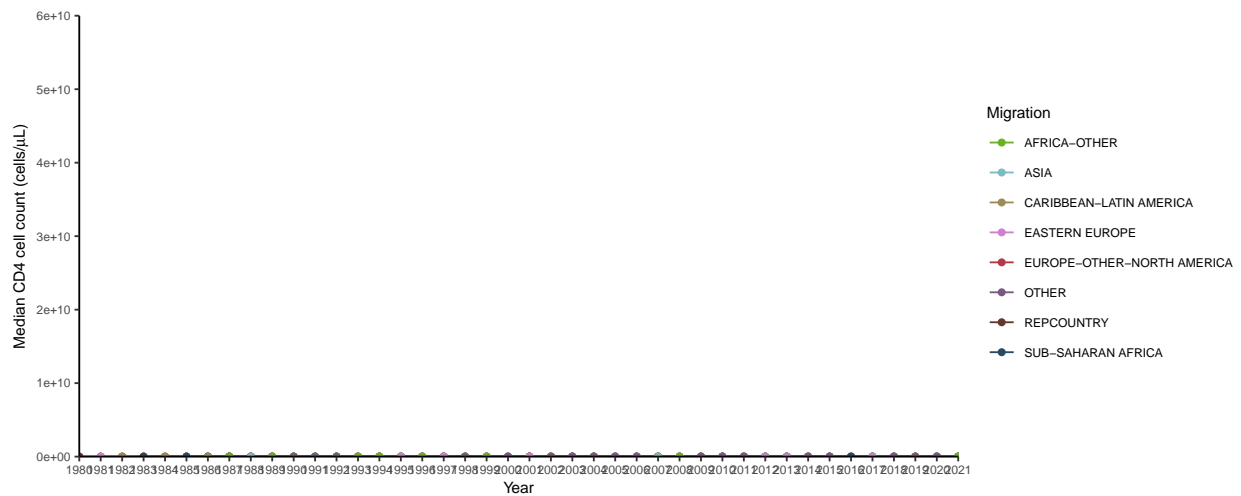| Year of diag-nosis	AFRICA-OTHER [N (%)]	ASIA [N (%)]	CARIBBEAN-LATIN AMERICA [N (%)]	EASTERN EUROPE [N (%)]	EUROPE-OTHER-NORTH AMERICA [N (%)]	OTHER [N (%)]	REPCOUNTRY [N (%)]	SUB-SAHARAN AFRICA [N (%)]	Overall [N (%)]
2008	23 (2)	47 (4)	148 (12)	9 (1)	101 (8)	- (-)	764 (60)	174 (14)	1266 (100)
2009	23 (2)	44 (4)	120 (10)	16 (1)	119 (10)	1 (0)	699 (59)	164 (14)	1186 (100)
2010	16 (1)	45 (4)	135 (11)	16 (1)	86 (7)	1 (0)	735 (62)	147 (12)	1181 (100)
2011	12 (1)	53 (5)	127 (11)	10 (1)	99 (9)	1 (0)	698 (61)	135 (12)	1135 (100)
2012	21 (2)	54 (5)	132 (12)	15 (1)	85 (8)	- (-)	648 (61)	106 (10)	1061 (100)
2013	20 (2)	39 (4)	114 (11)	13 (1)	87 (8)	- (-)	686 (66)	86 (8)	1045 (100)
2014	16 (2)	35 (4)	98 (11)	10 (1)	71 (8)	2 (0)	583 (64)	89 (10)	904 (100)
2015	20 (2)	27 (3)	110 (12)	8 (1)	84 (9)	1 (0)	563 (63)	85 (9)	898 (100)
2016	19 (2)	48 (6)	92 (12)	11 (1)	91 (11)	- (-)	466 (59)	65 (8)	792 (100)
2017	28 (4)	37 (5)	114 (15)	4 (1)	64 (8)	- (-)	457 (60)	54 (7)	758 (100)
2018	15 (2)	29 (4)	98 (15)	8 (1)	62 (9)	1 (0)	395 (60)	51 (8)	659 (100)
2019	23 (4)	28 (5)	101 (17)	9 (1)	59 (10)	2 (0)	326 (54)	58 (10)	606 (100)
2020	12 (3)	13 (3)	57 (13)	14 (3)	46 (11)	1 (0)	230 (54)	51 (12)	424 (100)
2021	11 (3)	18 (5)	55 (15)	6 (2)	59 (16)	- (-)	197 (53)	26 (7)	372 (100)
Overall	497 (2)	1016 (4)	3171 (12)	239 (1)	2536 (9)	36 (0)	15702 (58)	3719 (14)	26916 (100)

Median CD4 cell count (cells/μL)

Before adjustments

Year of diagnosis	AFRICA-OTHER [Median (IQR)]	ASIA [Median (IQR)]	CARIBBEAN-LATIN AMERICA [Median (IQR)]	EASTERN EUROPE [Median (IQR)]	EUROPE-OTHER-NORTH AMERICA [Median (IQR)]	OTHER [Median (IQR)]	REPCOUNTRY [Median (IQR)]	SUB-SAHARAN AFRICA [Median (IQR)]	Missing [Median (IQR)]	Overall [Median (IQR)]
1980	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)
1981	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)
1982	- (-, -)	- (-, -)	- (-, -)	- (-, -)	50 (50, 50)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	50 (50, 50)
1983	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)
1984	- (-, -)	- (-, -)	- (-, -)	- (-, -)	230 (230, 230)	- (-, -)	370 (370, 370)	- (-, -)	- (-, -)	300 (265, 335)
1985	- (-, -)	- (-, -)	1200 (1200, 1200)	- (-, -)	590 (500, 680)	- (-, -)	625 (467, 805)	- (-, -)	370 (370, 370)	625 (422, 805)
1986	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	- (-, -)	715 (516, 950)	- (-, -)	720 (720, 720)	720 (530, 950)
1987	- (-, -)	- (-, -)	795 (692, 898)	- (-, -)	870 (455, 1285)	- (-, -)	635 (392, 802)	- (-, -)	- (-, -)	645 (392, 925)
1988	- (-, -)	- (-, -)	490 (390, 545)	- (-, -)	- (-, -)	- (-, -)	455 (348, 625)	- (-, -)	410 (410, 410)	450 (348, 600)

Year of diagnosis	AFRICA-OTHER [Median (IQR)]	ASIA [Median (IQR)]	CARIBBEAN LATIN AMERICA [Median (IQR)]	EASTERN EUROPE [Median (IQR)]	EUROPE-OTHER-NORTH AMERICA [Median (IQR)]	OTHER [Median (IQR)]	REPCOUNTRY [Median (IQR)]	SUB-SAHARAN AFRICA [Median (IQR)]	Missing [Median (IQR)]	Overall [Median (IQR)]
1989	- (-, -)	630 (415, 845)	550 (425, 595)	- (-, -)	600 (566, 688)	- (-, -)	535 (394, 778)	- (-, -)	- (-, -)	560 (400, 708)
1990	410 (410, 410)	- (-, -)	320 (240, 875)	- (-, -)	475 (375, 635)	- (-, -)	550 (405, 810)	395 (302, 488)	620 (620, 620)	530 (380, 750)
1991	- (-, -)	389 (287, 505)	500 (310, 570)	- (-, -)	320 (230, 672)	- (-, -)	493 (345, 658)	160 (160, 160)	- (-, -)	484 (318, 652)
1992	- (-, -)	20 (20, 20)	405 (303, 495)	- (-, -)	480 (385, 630)	- (-, -)	440 (280, 620)	320 (290, 640)	- (-, -)	440 (280, 622)
1993	1685 (1258, 2112)	155 (128, 182)	363 (198, 579)	350 (350, 350)	635 (272, 888)	- (-, -)	360 (163, 507)	535 (374, 735)	260 (260, 260)	367 (190, 598)
1994	570 (390, 640)	114 (40, 358)	365 (235, 592)	- (-, -)	204 (50, 490)	- (-, -)	270 (110, 438)	200 (118, 335)	220 (220, 220)	260 (110, 445)
1995	380 (205, 390)	140 (90, 260)	140 (55, 320)	- (-, -)	220 (110, 330)	- (-, -)	210 (60, 450)	270 (72, 365)	165 (108, 222)	200 (62, 396)
1996	152 (80, 268)	210 (170, 370)	120 (30, 350)	260 (225, 295)	305 (90, 455)	- (-, -)	260 (90, 460)	160 (50, 300)	80 (55, 192)	240 (80, 410)
1997	288 (230, 395)	260 (173, 371)	170 (40, 368)	230 (230, 230)	310 (96, 420)	130 (130, 130)	250 (70, 458)	200 (70, 315)	2150 (2150, 2150)	230 (70, 420)
1998	140 (34, 251)	145 (28, 305)	195 (30, 350)	710 (510, 756)	255 (60, 482)	- (-, -)	260 (80, 480)	185 (83, 336)	315 (202, 428)	220 (70, 450)
1999	165 (81, 425)	230 (65, 380)	265 (75, 473)	245 (130, 365)	160 (80, 485)	- (-, -)	288 (111, 510)	230 (110, 425)	145 (71, 260)	260 (100, 480)
2000	345 (130, 515)	150 (55, 325)	255 (70, 495)	250 (170, 320)	320 (60, 500)	340 (180, 500)	290 (100, 500)	210 (82, 400)	70 (55, 345)	260 (80, 469)
2001	265 (58, 320)	225 (48, 488)	270 (100, 447)	600 (600, 600)	272 (115, 429)	380 (380, 380)	330 (120, 545)	230 (113, 400)	160 (110, 210)	290 (110, 490)
2002	253 (131, 426)	200 (80, 300)	318 (92, 490)	606 (531, 654)	350 (101, 525)	560 (540, 580)	350 (140, 591)	215 (100, 430)	100 (60, 160)	306 (110, 530)
2003	360 (180, 542)	155 (48, 291)	310 (146, 431)	306 (230, 528)	325 (119, 453)	340 (340, 340)	360 (158, 570)	210 (83, 358)	343 (195, 449)	290 (120, 500)

Year of diagnosis	AFRICA-OTHER [Median (IQR)]	ASIA [Median (IQR)]	CARIBBEAN LATIN AMERICA [Median (IQR)]	EASTERN EUROPE [Median (IQR)]	EUROPE-OTHER-NORTH AMERICA [Median (IQR)]	OTHER [Median (IQR)]	REPCOUNTRY [Median (IQR)]	SUB-SAHARAN AFRICA [Median (IQR)]	Missing [Median (IQR)]	Overall [Median (IQR)]
2004	312 (50, 478)	310 (80, 380)	310 (150, 475)	505 (455, 575)	292 (170, 533)	49 (28, 70)	379 (130, 570)	245 (120, 400)	399 (370, 709)	320 (130, 520)
2005	360 (166, 540)	203 (60, 490)	260 (115, 495)	465 (290, 588)	299 (94, 595)	420 (420, 420)	410 (190, 590)	190 (82, 340)	305 (173, 438)	330 (122, 550)
2006	180 (76, 408)	320 (210, 485)	297 (70, 560)	412 (290, 630)	390 (192, 590)	630 (630, 630)	414 (230, 620)	230 (86, 367)	- (-, -)	368 (180, 580)
2007	360 (90, 510)	230 (90, 390)	330 (153, 528)	590 (240, 635)	380 (125, 525)	- (-, -)	400 (198, 582)	260 (120, 470)	80 (80, 80)	360 (160, 560)
2008	365 (168, 632)	164 (45, 410)	390 (142, 561)	630 (590, 710)	375 (192, 550)	- (-, -)	410 (244, 580)	230 (70, 420)	175 (103, 248)	380 (190, 560)
2009	295 (91, 458)	260 (98, 500)	320 (190, 470)	530 (400, 635)	390 (230, 510)	600 (600, 600)	400 (234, 570)	220 (90, 387)	450 (450, 450)	370 (190, 543)
2010	380 (188, 410)	238 (88, 445)	360 (165, 578)	240 (220, 450)	340 (180, 445)	120 (120, 120)	390 (220, 590)	228 (88, 410)	105 (98, 112)	360 (170, 560)
2011	300 (97, 508)	210 (38, 380)	315 (170, 473)	550 (392, 710)	410 (183, 630)	270 (270, 270)	416 (250, 597)	294 (140, 448)	1280 (1280, 1280)	380 (209, 560)
2012	385 (94, 468)	150 (45, 370)	370 (210, 540)	460 (193, 518)	442 (285, 612)	- (-, -)	426 (230, 620)	291 (114, 515)	311 (185, 436)	390 (200, 570)
2013	381 (140, 473)	305 (108, 484)	395 (179, 556)	380 (210, 580)	460 (268, 612)	- (-, -)	438 (232, 640)	250 (70, 375)	670 (520, 820)	412 (200, 610)
2014	310 (92, 600)	244 (130, 535)	354 (249, 523)	435 (390, 458)	440 (230, 632)	630 (630, 630)	400 (212, 590)	200 (68, 437)	640 (513, 738)	383 (200, 570)
2015	356 (236, 524)	220 (102, 368)	340 (150, 521)	292 (246, 425)	420 (195, 590)	730 (730, 730)	400 (170, 582)	302 (130, 473)	500 (196, 575)	370 (160, 560)
2016	437 (250, 600)	242 (54, 460)	420 (210, 550)	320 (274, 560)	440 (328, 561)	- (-, -)	380 (200, 570)	260 (114, 430)	400 (169, 495)	380 (190, 558)
2017	335 (185, 535)	290 (82, 454)	405 (226, 555)	530 (430, 624)	450 (270, 586)	- (-, -)	380 (200, 560)	220 (90, 522)	135 (75, 435)	374 (180, 558)
2018	459 (215, 577)	205 (105, 485)	435 (222, 600)	430 (314, 565)	350 (200, 600)	630 (630, 630)	402 (181, 594)	248 (108, 402)	465 (142, 698)	386 (170, 580)

Year of diagnosis	AFRICA-OTHER [Median (IQR)]	ASIA [Median (IQR)]	CARIBBEAN-LATIN AMERICA [Median (IQR)]	EASTERN EUROPE [Median (IQR)]	EUROPE-OTHER-NORTH AMERICA [Median (IQR)]	OTHER [Median (IQR)]	REPCOUNTRY [Median (IQR)]	SUB-SAHARAN AFRICA [Median (IQR)]	Missing [Median (IQR)]	Overall [Median (IQR)]
2019	398 (193, 553)	347 (147, 500)	390 (215, 560)	300 (220, 465)	300 (88, 440)	400 (340, 460)	367 (180, 590)	210 (88, 440)	520 (372, 548)	352 (160, 550)
2020	329 (169, 432)	300 (140, 360)	375 (218, 568)	263 (150, 470)	300 (73, 480)	415 (415, 415)	364 (175, 589)	150 (40, 360)	120 (90, 390)	322 (150, 560)
2021	346 (270, 486)	294 (120, 422)	350 (112, 503)	400 (230, 634)	363 (171, 578)	- (-, -)	276 (90, 507)	188 (53, 412)	495 (311, 647)	309 (120, 518)
Overall	330 (102, 510)	240 (70, 410)	330 (140, 530)	420 (240, 598)	370 (170, 552)	417 (235, 608)	380 (180, 580)	230 (94, 410)	340 (95, 548)	346 (149, 550)

After adjustments

Year of diagnosis	AFRICA-OTHER [Median (IQR)]	ASIA [Median (IQR)]	CARIBBEAN-LATIN AMERICA [Median (IQR)]	EASTERN EUROPE [Median (IQR)]	EUROPE-OTHER-NORTH AMERICA [Median (IQR)]	OTHER [Median (IQR)]	REPCOUNTRY [Median (IQR)]	SUB-SAHARAN AFRICA [Median (IQR)]
1980	- (-, -)	- (-, -)	- (-, -)	- (-, -)	2026 (2026, 2026)	- (-, -)	1391 (1391, 1391)	- (-, -)
1981	- (-, -)	- (-, -)	- (-, -)	668 (668, 668)	415 (415, 415)	- (-, -)	1049 (1049, 1049)	- (-, -)

Year of diagnosis	AFRICA-OTHER [Median (IQR)]	ASIA [Median (IQR)]	CARIBBEAN-LATIN AMERICA [Median (IQR)]	EASTERN EUROPE [Median (IQR)]	EUROPE-OTHER-NORTH AMERICA [Median (IQR)]	OTHER [Median (IQR)]	REPCOUNTRY [Median (IQR)]	SUB-SAHARAN AFRICA [Median (IQR)]
1982	- (-, -)	- (-, -)	602 (602, 602)	- (-, -)	919 (919, 919)	- (-, -)	649 (649, 649)	- (-, -)
1983	- (-, -)	- (-, -)	409 (409, 409)	- (-, -)	488 (488, 488)	- (-, -)	702 (702, 702)	588 (588, 588)
1984	- (-, -)	- (-, -)	621 (621, 621)	- (-, -)	546 (546, 546)	- (-, -)	566 (566, 566)	- (-, -)
1985	- (-, -)	569 (569, 569)	569 (569, 569)	- (-, -)	566 (566, 566)	520 (520, 520)	597 (597, 597)	1195 (1195, 1195)
1986	- (-, -)	345 (345, 345)	560 (560, 560)	- (-, -)	650 (650, 650)	- (-, -)	596 (596, 596)	533 (533, 533)
1987	449 (449, 449)	470 (470, 470)	489 (489, 489)	- (-, -)	594 (594, 594)	618 (618, 618)	580 (580, 580)	699 (699, 699)
1988	- (-, -)	202 (202, 202)	466 (466, 466)	- (-, -)	503 (503, 503)	- (-, -)	533 (533, 533)	447 (447, 447)
1989	437 (437, 437)	423 (423, 423)	459 (459, 459)	- (-, -)	554 (554, 554)	- (-, -)	517 (517, 517)	350 (350, 350)
1990	410 (410, 410)	263 (263, 263)	437 (437, 437)	- (-, -)	478 (478, 478)	724 (724, 724)	503 (503, 503)	388 (388, 388)
1991	257 (257, 257)	281 (281, 281)	415 (415, 415)	- (-, -)	416 (416, 416)	357 (357, 357)	456 (456, 456)	340 (340, 340)
1992	370 (370, 370)	209 (209, 209)	367 (367, 367)	- (-, -)	428 (428, 428)	134 (134, 134)	448 (448, 448)	293 (293, 293)
1993	791 (791, 791)	275 (275, 275)	344 (344, 344)	350 (350, 350)	401 (401, 401)	- (-, -)	382 (382, 382)	331 (331, 331)
1994	346 (346, 346)	190 (190, 190)	321 (321, 321)	533 (533, 533)	270 (270, 270)	335 (335, 335)	312 (312, 312)	241 (241, 241)
1995	243 (243, 243)	229 (229, 229)	233 (233, 233)	425 (425, 425)	285 (285, 285)	- (-, -)	256 (256, 256)	244 (244, 244)
1996	166 (166, 166)	230 (230, 230)	207 (207, 207)	199 (199, 199)	288 (288, 288)	- (-, -)	262 (262, 262)	172 (172, 172)
1997	300 (300, 300)	239 (239, 239)	217 (217, 217)	260 (260, 260)	268 (268, 268)	234 (234, 234)	255 (255, 255)	193 (193, 193)

Year of diagnosis	AFRICA-OTHER [Median (IQR)]	ASIA [Median (IQR)]	CARIBBEAN-LATIN AMERICA [Median (IQR)]	EASTERN EUROPE [Median (IQR)]	EUROPE-OTHER-NORTH AMERICA [Median (IQR)]	OTHER [Median (IQR)]	REPCOUNTRY [Median (IQR)]	SUB-SAHARAN AFRICA [Median (IQR)]
1998	175 (175, 175)	161 (161, 161)	207 (207, 207)	563 (563, 563)	263 (263, 263)	158 (158, 158)	262 (262, 262)	205 (205, 205)
1999	238 (238, 238)	209 (209, 209)	258 (258, 258)	271 (271, 271)	247 (247, 247)	- (-, -)	286 (286, 286)	225 (225, 225)
2000	308 (308, 308)	168 (168, 168)	276 (276, 276)	313 (313, 313)	290 (290, 290)	227 (227, 227)	279 (279, 279)	219 (219, 219)
2001	189 (189, 189)	217 (217, 217)	259 (259, 259)	387 (387, 387)	262 (262, 262)	380 (380, 380)	324 (324, 324)	234 (234, 234)
2002	252 (252, 252)	190 (190, 190)	278 (278, 278)	508 (508, 508)	281 (281, 281)	559 (559, 559)	332 (332, 332)	226 (226, 226)
2003	304 (304, 304)	167 (167, 167)	274 (274, 274)	349 (349, 349)	276 (276, 276)	340 (340, 340)	339 (339, 339)	210 (210, 210)
2004	258 (258, 258)	224 (224, 224)	281 (281, 281)	485 (485, 485)	313 (313, 313)	38 (38, 38)	327 (327, 327)	240 (240, 240)
2005	299 (299, 299)	215 (215, 215)	287 (287, 287)	443 (443, 443)	321 (321, 321)	420 (420, 420)	354 (354, 354)	201 (201, 201)
2006	215 (215, 215)	304 (304, 304)	286 (286, 286)	432 (432, 432)	382 (382, 382)	630 (630, 630)	391 (391, 391)	213 (213, 213)
2007	278 (278, 278)	221 (221, 221)	323 (323, 323)	427 (427, 427)	316 (316, 316)	- (-, -)	358 (358, 358)	267 (267, 267)
2008	321 (321, 321)	213 (213, 213)	329 (329, 329)	624 (624, 624)	349 (349, 349)	- (-, -)	381 (381, 381)	241 (241, 241)
2009	281 (281, 281)	286 (286, 286)	316 (316, 316)	417 (417, 417)	371 (371, 371)	526 (526, 526)	360 (360, 360)	242 (242, 242)
2010	308 (308, 308)	243 (243, 243)	341 (341, 341)	368 (368, 368)	312 (312, 312)	120 (120, 120)	370 (370, 370)	258 (258, 258)
2011	315 (315, 315)	209 (209, 209)	310 (310, 310)	482 (482, 482)	376 (376, 376)	270 (270, 270)	385 (385, 385)	293 (293, 293)
2012	333 (333, 333)	187 (187, 187)	343 (343, 343)	334 (334, 334)	411 (411, 411)	- (-, -)	384 (384, 384)	297 (297, 297)
2013	277 (277, 277)	263 (263, 263)	334 (334, 334)	358 (358, 358)	397 (397, 397)	- (-, -)	402 (402, 402)	247 (247, 247)

Year of diagnosis	AFRICA-OTHER [Median (IQR)]	ASIA [Median (IQR)]	CARIBBEAN-LATIN AMERICA [Median (IQR)]	EASTERN EUROPE [Median (IQR)]	EUROPE-OTHER-NORTH AMERICA [Median (IQR)]	OTHER [Median (IQR)]	REPCOUNTRY [Median (IQR)]	SUB-SAHARAN AFRICA [Median (IQR)]
2014	325 (325, 325)	305 (305, 305)	342 (342, 342)	390 (390, 390)	430 (430, 430)	438 (438, 438)	372 (372, 372)	249 (249, 249)
2015	336 (336, 336)	227 (227, 227)	324 (324, 324)	323 (323, 323)	362 (362, 362)	730 (730, 730)	349 (349, 349)	297 (297, 297)
2016	370 (370, 370)	228 (228, 228)	364 (364, 364)	333 (333, 333)	402 (402, 402)	- (-, -)	351 (351, 351)	248 (248, 248)
2017	308 (308, 308)	250 (250, 250)	356 (356, 356)	432 (432, 432)	393 (393, 393)	- (-, -)	347 (347, 347)	255 (255, 255)
2018	383 (383, 383)	239 (239, 239)	361 (361, 361)	398 (398, 398)	345 (345, 345)	630 (630, 630)	353 (353, 353)	234 (234, 234)
2019	334 (334, 334)	318 (318, 318)	367 (367, 367)	347 (347, 347)	252 (252, 252)	391 (391, 391)	349 (349, 349)	219 (219, 219)
2020	279 (279, 279)	286 (286, 286)	362 (362, 362)	282 (282, 282)	277 (277, 277)	415 (415, 415)	344 (344, 344)	187 (187, 187)
2021	291 (291, 291)	272 (272, 272)	305 (305, 305)	371 (371, 371)	322 (322, 322)	- (-, -)	271 (271, 271)	214 (214, 214)