

## Republic of Mauritius

### Statistics on HIV/AIDS (as at end of December 2019)

During the month of December 2019, 28 new cases of HIV/AIDS were registered among the Mauritian population by the Virology Laboratory Services of the Ministry of Health and Quality of Life. The monthly average of new cases decreased from 46 in the period 2006 - 2010 to 26 in the period 2011 – 2016. However, for 2017 - 2019, the monthly average went up to 31.

The number of cases reported during the last 12 months is given in Table A.

**Table A**

MONTHLY NUMBER OF HIV/AIDS CASES REPORTED						
MONTH	MAURITIAN			NON-MAURITIAN		
	MAN	WOMAN	BOTH SEXES	MAN	WOMAN	BOTH SEXES
January 2019	18	9	27	1	1	2
February 2019	24	17	41	1	0	1
March 2019	16	15	31	1	0	1
April 2019	22	13	35	2	2	4
May 2019	13	16	29	0	0	0
June 2019	19	14	33	2	0	2
July 2019	14	9	23	0	2	2
August 2019	22	19	41	0	0	0
September 2019	22	6	28	0	3	3
October 2019	19	14	33	0	2	2
November 2019	12	13	25	1	2	3
December 2019	19	9	28	3	0	3

HIV tests carried out by the Virology Laboratory Services of the Ministry of Health and Quality of Life and positivity rates are as follows:

Year	No. of tests	Number of positive HIV cases detected including foreigners	HIV Positivity Rate(%)
2010	84,432	580	0.69
2011	85,858	417	0.49
2012	86,028	327	0.38
2013	88,151	271	0.31
2014	86,063	333	0.39
2015	83,133	269	0.32
2016	80,648	329	0.41
2017	82,715	384	0.46
2018	90,268	406	0.45
2019	96,713	397	0.41

The yearly average positivity rate of HIV tests carried out at the Virology Laboratory has followed an increasing trend from 0.32% in 2015 to 0.46% in 2017; However in 2019, it decreased to 0.41%. It has to be noted that the number of laboratory tests has significantly increased in both 2018 and 2019.

Distribution of new cases of HIV/AIDS among Mauritians by age-group – 2009-2019

Year of detection	Age-group				
	<15	15-24	25-39	40-54	55+
2009	6	86	297	140	19
2010	9	88	284	157	30
2011	3	59	197	115	27
2012	1	59	169	72	19
2013	3	55	121	71	10
2014	7	70	138	89	18
2015	8	51	120	71	12
2016	8	68	132	87	24
2017	10	80	159	86	33
2018	6	63	169	96	48
2019	6	68	153	109	38

The data for the year 2009-2018 given in the above table indicate an increasing trend in the incidence of the infection among those aged 25 years and above. However, in 2019, decreases have been noted in the age-group 25-39 years and in that of 55 years and above.

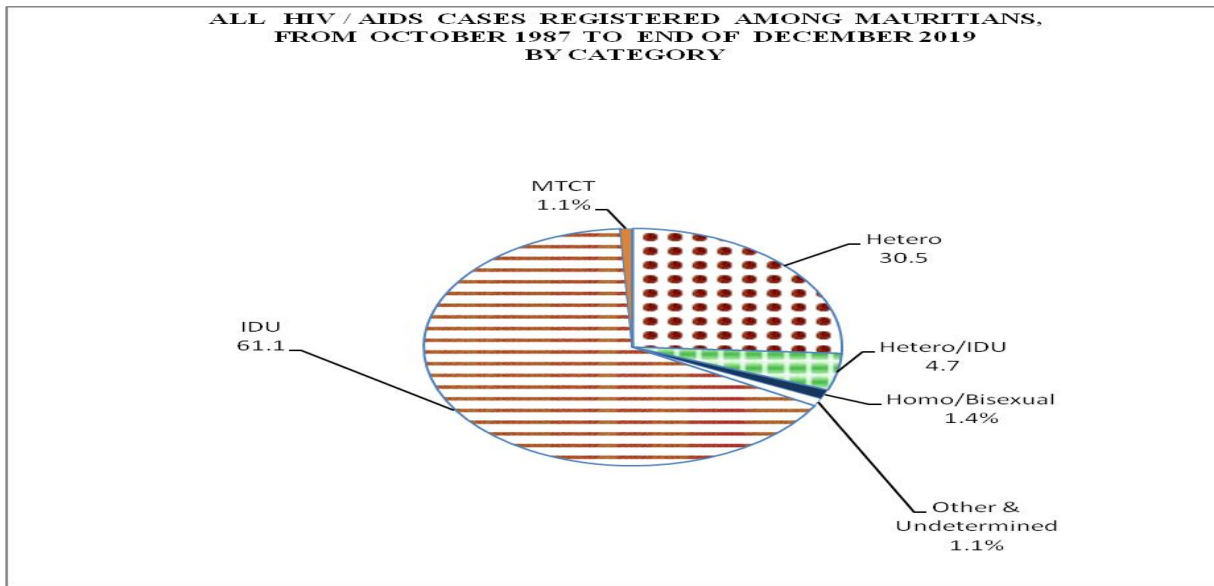
The yearly number of new cases reported among Mauritians since 2005 is given in Table B. A yearly average of 314 cases has been registered in the period 2011-2016. In 2018, 382 new cases have been reported compared to 368 in 2017. In 2019, 374 new cases have been registered. The cumulative total since October 1987, when the first case of HIV/AIDS was reported, to December 2019, stood at 7,795.

**Table B**

PERIOD	NEW CASES OF HIV / AIDS NOTIFIED								
	MAURITIAN			NON-MAURITIAN			TOTAL		
	MAN	WOMAN	B.Sexes	MAN	WOMAN	B.Sexes	MAN	WOMAN	B.Sexes
1987 - 2004	869	255	1124	87	22	109	956	277	1233
2005	815	106	921	5	2	7	820	108	928
2006	455	87	542	9	4	13	464	91	555
2007	452	94	546	16	6	22	468	100	568
2008	402	136	538	12	7	19	414	143	557
2009	436	112	548	6	1	7	442	113	555
2010	433	135	568	8	4	12	441	139	580
2011	298	103	401	10	6	16	308	109	417
2012	215	105	320	6	1	7	221	106	327
2013	151	109	260	7	4	11	158	113	271
2014	190	132	322	7	4	11	197	136	333
2015	155	107	262	4	3	7	159	110	269
2016	190	129	319	7	3	10	197	132	329
2017	224	144	368	11	5	16	235	149	384

2018	218	164	382	14	10	24	232	174	406
2019	220	154	374	11	12	23	231	166	397
<b>TOTAL</b>	<b>5723</b>	<b>2072</b>	<b>7795</b>	<b>220</b>	<b>94</b>	<b>314</b>	<b>5943</b>	<b>2166</b>	<b>8109</b>

Since 1987, of all Mauritian HIV/AIDS cases, 61.1% was detected among people who inject drug (PWID). In 2017, it was 38.6% compared to 32.6% in 2016 indicating an increase. In 2018, it has decreased to 31.2%. For 2019, it stood at 29.9%.



**DISTRIBUTION OF HIV/AIDS BY CATEGORY AND YEAR**

Year \ Category	2010		2011		2012		2013		2014		2015		2016		2017		2018		2019	
	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%
<b>Hetero</b>	122	21.5	105	26.2	149	46.6	130	50	173	53.7	137	52.3	187	58.6	193	52.4	233	61.0	230	61.5
<b>IDU</b>	414	72.9	273	68.1	151	47.2	99	38.1	100	31.1	92	35.1	104	32.6	142	38.6	119	31.2	112	29.9
<b>Hetero/IDU</b>	20	3.5	14	3.5	8	2.5	17	6.5	25	7.8	12	4.6	9	2.8	14	3.8	12	3.1	7	1.9
<b>Homo/Bi</b>	4	0.7	4	1.0	9	2.8	5	1.9	5	1.6	12	4.6	10	3.1	5	1.4	6	1.6	17	4.5

The above data indicates that the percentages of new cases detected among heterosexual are on the increase whereas those among IDU are on the decrease

DISTRIBUTION OF HIV/AIDS BY DISTRICT AND YEAR										
YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
DISTRICT										
PORT LOUIS	198	149	116	83	136	87	118	114	107	124
PAMPLEMOUSSES	72	57	46	36	44	39	46	58	69	49
R DU REMPART	15	13	13	14	10	11	25	27	23	24
FLACQ	32	20	16	15	21	16	21	27	31	18
GRAND PORT	36	21	13	12	9	14	13	20	10	20
SAVANNE	11	8	6	5	3	10	13	13	16	5
MOKA	5	9	5	3	6	1	1	10	6	7
PL WILHEMS	157	92	78	73	63	49	52	72	87	89
BLACK RIVER	34	23	22	15	27	24	23	19	20	23
RODRIGUES	8	9	5	4	3	11	7	8	13	15
TOTAL	568	401	320	260	322	262	319	368	382	374

Increases during the recent years have been noted mostly in the district of Port-Louis, Plaine Wilhems and Rodrigues.