

## Republic of Mauritius

### Statistics on HIV/AIDS (as at end of December 2020)

From October to December 2020, a total of 80 new cases of HIV/AIDS were registered among the Mauritian population by the Virology Laboratory Services of the Ministry of Health and Wellness. 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. For the year 2020, it was 27. A decrease in the number of tests, probably due to Covid-19 pandemic, may partly explain the significant decrease registered in 2020.

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 2020	14	11	25	2	0	2
February 2020	26	17	43	4	2	6
March 2020	16	6	22	1	2	3
April 2020	7	5	12	0	0	0
May 2020	13	7	20	1	1	2
June 2020	18	10	28	0	1	1
July 2020	19	11	30	1	0	1
August 2020	20	14	34	1	0	1
September 2020	19	5	24	0	1	1
October 2020	16	13	29	1	0	1
November 2020	22	12	34	1	0	1
December 2020	11	6	17	1	0	1

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

Year	No. of tests	Number of new 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
2020	80,370	338	0.42

The yearly average positivity rate of HIV tests carried out at the Virology Laboratory, which fluctuated between 0.41% and 0.46% in the period 2016-2019, was 0.42% for 2020. However, the number of tests carried in 2020 was 80,370, indicating a 17% decrease compared to the number of tests in 2019.

**Distribution of new cases of HIV/AIDS among Mauritians by age-group – 2010-2020**

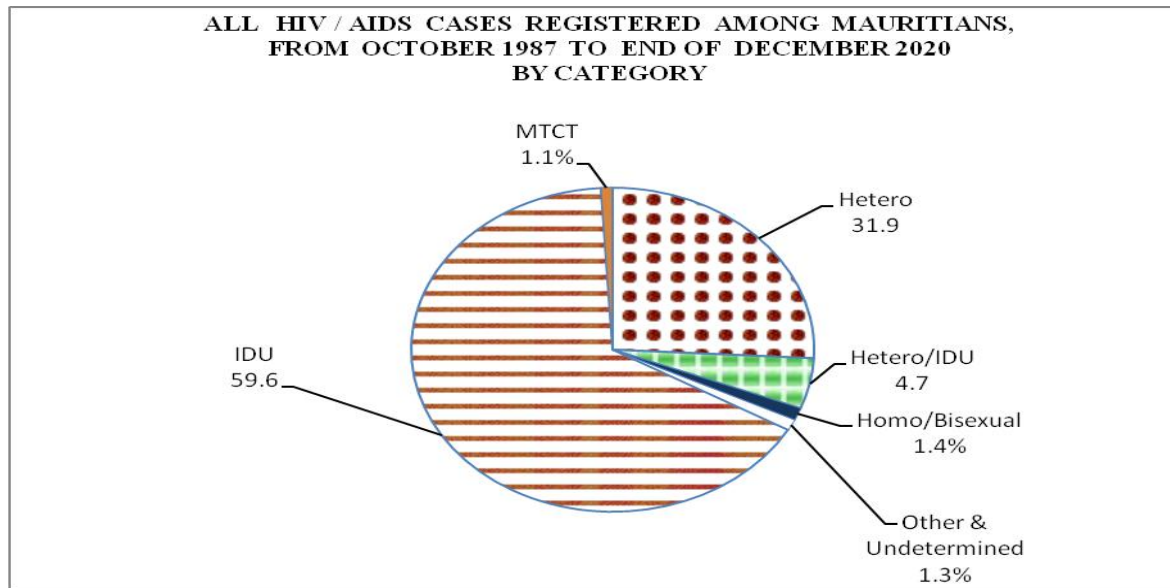
Year of detection	Age-group				
	<15	15-24	25-39	40-54	55+
2010	9	88	284	157	30
2011	3	59	197	115	27
2012	1	59	169	72	19
2013	3	55	121	71	10
2014	7	70	138	89	18
2015	8	51	120	71	12
2016	8	68	132	87	24
2017	10	80	159	86	33
2018	6	63	169	96	48
2019	6	68	153	109	38
2020	8	61	135	84	30

The yearly number of new cases reported among Mauritians since 2005 is given in Table B. The decreasing trend observed from 2011 to 2015 was reversed in 2016 whereby the number of new cases increased from 319 in 2016 to 368 and 382 in 2017 and 2018 respectively. However, in 2019, it slightly decreased to 374. The 2020 figure of 318 new cases cannot be used to determine the trend. The cumulative total since October 1987, when the first case of HIV/AIDS was reported, to December 2020 stood at 8,113.

**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
2020	201	117	318	13	7	20	214	124	338
<b>TOTAL</b>	<b>5924</b>	<b>2189</b>	<b>8113</b>	<b>233</b>	<b>101</b>	<b>334</b>	<b>6157</b>	<b>2290</b>	<b>8447</b>

Since 1987, of all Mauritian HIV/AIDS cases, 59.6% was detected among people who inject drug (PWID). In 2019, it was 29.9% compared to 35.1% in 2015. For the year 2020, it stood at 22%. On the other hand, the proportion of new cases detected among heterosexual, which had increased from 52.3% in 2015 to 61.5% in 2019, was 64.8% in 2020.



DISTRIBUTION OF MAURITIAN HIV/AIDS CASES BY CATEGORY AND YEAR

Year	2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Heterosexual	122	21.5	105	26.2	149	46.6	130	50	174	54.0	137	52.3	187	58.6	193	52.4	233	61.0	230	61.5	206	64.8
IDU	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	70	22.0
Hetero/IDU	20	3.5	14	3.5	9	2.8	17	6.5	25	7.8	12	4.6	9	2.8	14	3.8	12	3.1	7	1.9	9	2.8
Homosexual/Bisexual	4	0.7	3	0.7	8	2.5	4	1.5	5	1.6	13	5.0	10	3.1	5	1.4	6	1.6	17	4.5	7	2.2

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 MAURITIAN HIV/AIDS CASES BY DISTRICT AND YEAR

YEAR DISTRICT	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
PORT LOUIS	198	149	116	83	136	87	118	114	107	124	120
PAMPLEMOUSSES	72	57	46	36	44	39	46	58	69	49	33
RIV DU REMPART	15	13	13	14	10	11	25	27	23	24	17
FLACQ	32	20	16	15	21	16	21	27	31	18	23
GRAND PORT	36	21	13	12	9	14	13	20	10	20	11
SAVANNE	11	8	6	5	3	10	13	13	16	5	15
PL WILHEMS	157	92	78	73	63	49	52	72	87	89	68
MOKA	5	9	5	3	6	1	1	10	6	7	7
BLACK RIVER	34	23	22	15	27	24	23	19	20	23	14
RODRIGUES	8	9	5	4	3	11	7	8	13	15	10
Total	568	401	320	260	322	262	319	368	382	374	318