

**NATIONAL VECTOR BORNE DISEASE CONTROL PROGRAMME
PUDUCHERRY**

STATISTICS ON VBDs 2010-2015*

In the state Malaria, Dengue & Chikungunya vector borne diseases are major public health problem.

- ❖ Malaria is endemic in 4 districts viz; Puducherry, Karaikal, Mahe & Yanam.
- ❖ Dengue is endemic in 4 districts viz; Puducherry, Karaikal, Mahe & Yanam.
- ❖ Chikungunya is endemic in 4 districts viz; Puducherry, Karaikal, Mahe & Yanam.
- ❖ Filaria is endemic in 4 districts viz; Puducherry, Mahe, Karaikal & Yanam.
- ❖ AES including JE is not endemic in the U.T.
- ❖ Kala azar is not reported in the U.T.

MALARIA

Malaria cases 2010-2015*

Year	Blood Smear Collection	Malaria Positive cases	Death due to Malaria	ABER	API	SPR	SFR	Pf%
2010	86009	175	0	7.98	0.16	0.20	0	0
2011	241778	196	1	21.59	0.18	0.08	0.002	3.06
2012	233078	143	0	18.73	0.12	0.06	0.001	1.39
2013	230814	127	0	17.29	0.10	0.06	0.001	1.58
2014	180922	79	0	14.03	0.06	0.04	0.002	3.79
2015*	61909	20	1	4.85	0.02	0.03	0.002	5.00

* data as on 31st May 2015

DENGUE/CHIKUNGUNYA

Dengue cases 2010-2015*

Year	Samples collected	Dengue +ve cases	Death due to Dengue
2010	617	45	0
2011	1906	232	3
2012	12046	1871	4
2013	11826	1063	0
2014	14978	1408	1
2015*	5270	194	0

* data as on 31st May 2015

Chikungunya cases 2010-2015*

Year	Samples collected	Chikungunya +ve cases	Death due to Chikungunya
2010	11	3	0
2011	42	2	0
2012	45	9	0
2013	146	9	0
2014	399	16	0
2015*	147	8	0

* data as on 31st May 2015

LYMPHATIC FILARIASIS

Entomological Data	2010	2011	2012	2013	2014	2015*
Ten Man Hour Density	76.05	80.03	83.01	81.05	82.00	60.90
Infection Rate (%)	0	0	0	0	0	0
Infectivity Rate (%)	0	0	0	0	0	0

Parasitological Data	2010	2011	2012	2013	2014	2015*
No. of persons examined	30724	10479	16700	25110	1612	689
MF Rate	0.01	0	0	0.001	0	0
Disease rate	0.009	0.02	0	0	0	0

Elimination of Lymphatic Filariasis through Mass Drug Administration With Dec & Albendazole in the UT of Puducherry

To achieve the national goal of Elimination of Lymphatic Filariasis(ELF) by 2015, seven rounds of Mass Drug Administration were conducted in the Union Territory of Puducherry since June 2004. The coverage of >65% and Mf rate of <1% in the sentinel and spot check sites were achieved.

Particulars	2004	2005	2007	2008	2009	2010	2012(2011)
Total Population	973214	1000947	1046597	1077424	1092080	1123825	1164635
Eligible Population	926927	947001	991239	1018835	1028939	1066757	1096525
Population Covered	878350	915130	954564	988334	987972	1033878	1065110
Coverage (%)	94.76	96.63	96.30	97.01	96.23	97.06	97.14
Compliance (%)	61.37	63.78	86.20	83.20	86.20	61.80	63.70

TRANSMISSION ASSESSMENT SURVEY

As envisaged by NVBDCP, the Transmission Assessment Survey (TAS) was conducted after Mf Survey in additional clusters. For TAS, UT of Puducherry was taken as one implementation unit and 4 evaluating units. Viz. Puducherry, Karaikal, Mahe and Yanam. All the 4 regions are qualified to stop MDA and permitted to go further towards Elimination of Lymphatic Filariasis.

TAS RESULTS IN ALL THE EVALUATING UNITS (EU)

Sl. No.	Name of the EU	Estimated number of children in 6-7 years	Number of students enrolled	Enrollment %	Number of Schools	Target Sample	Number of Schools targeted	Critical cut off to pass	Number of +ve	Result
1	Puducherry	34077	32436	95.2	422	1556	30	18	2	Pass
2	Karaikal	7420	6878	92.7	152	1524	38	18	2	Pass
3	Mahe	968	948	97.93	26	438	26	5	0	Pass
4	Yanam	2007	1640	81.71	25	594	25	7	5	Pass

JAPANESE ENCEPHALITIS & KALA-AZAR

So far no cases of JE & Kala-azar reported in the UT of Puducherry.