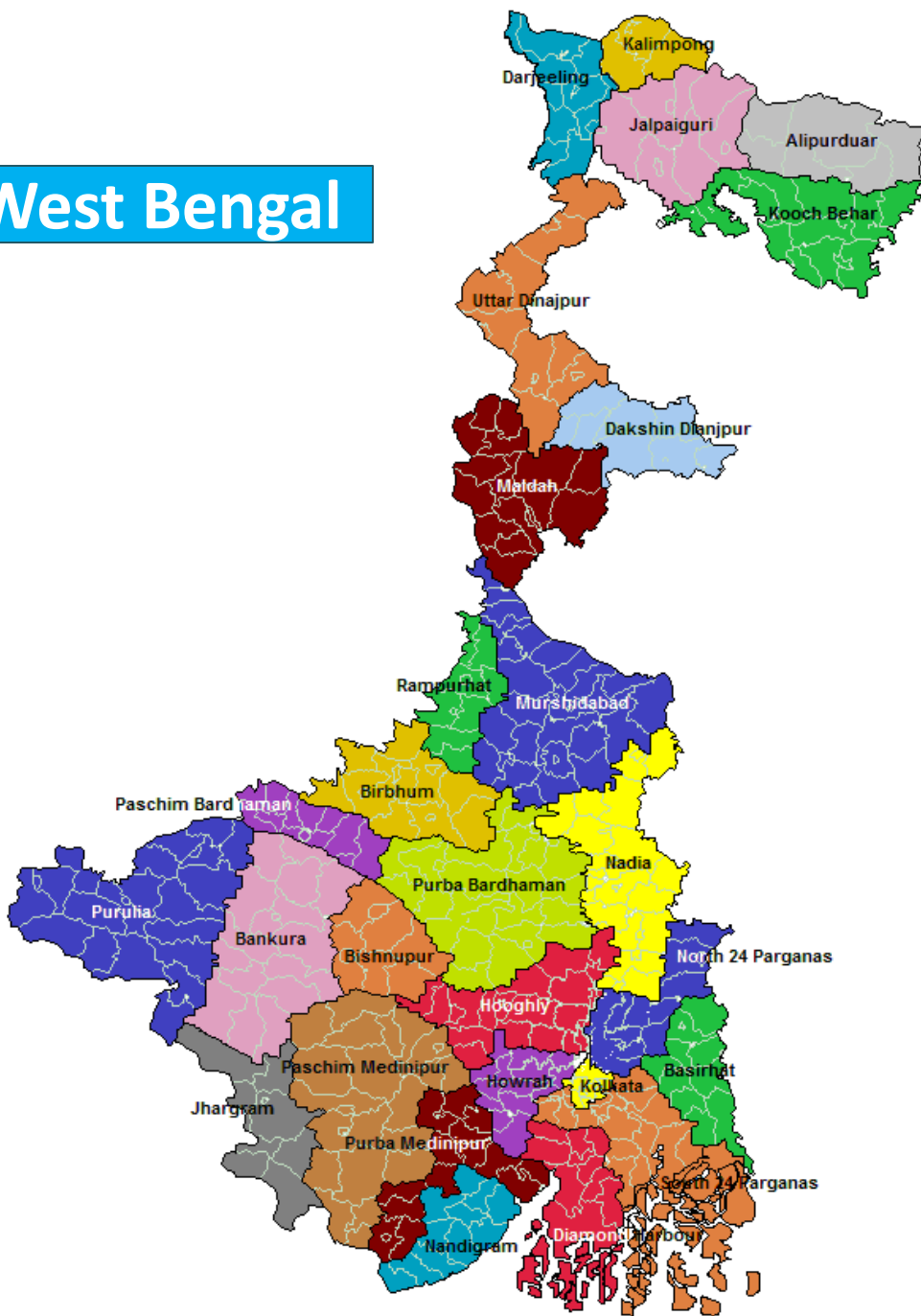


The Current Status of VL Elimination in West Bengal and the Programmatic Challenges

Dr Dilip Kumar Mandal
SPO, NVBDCP & DDHS (Malaria)
West Bengal

West Bengal



Demographical Profile

Area (Sq. Km)	88,752
Census Population (2011)	9,12,76,115
Percentage of Rural Population	68.13
Percentage of Urban Population	31.87
Percentage of SC Population	23.51
Percentage of ST Population	5.80

Administrative Profile

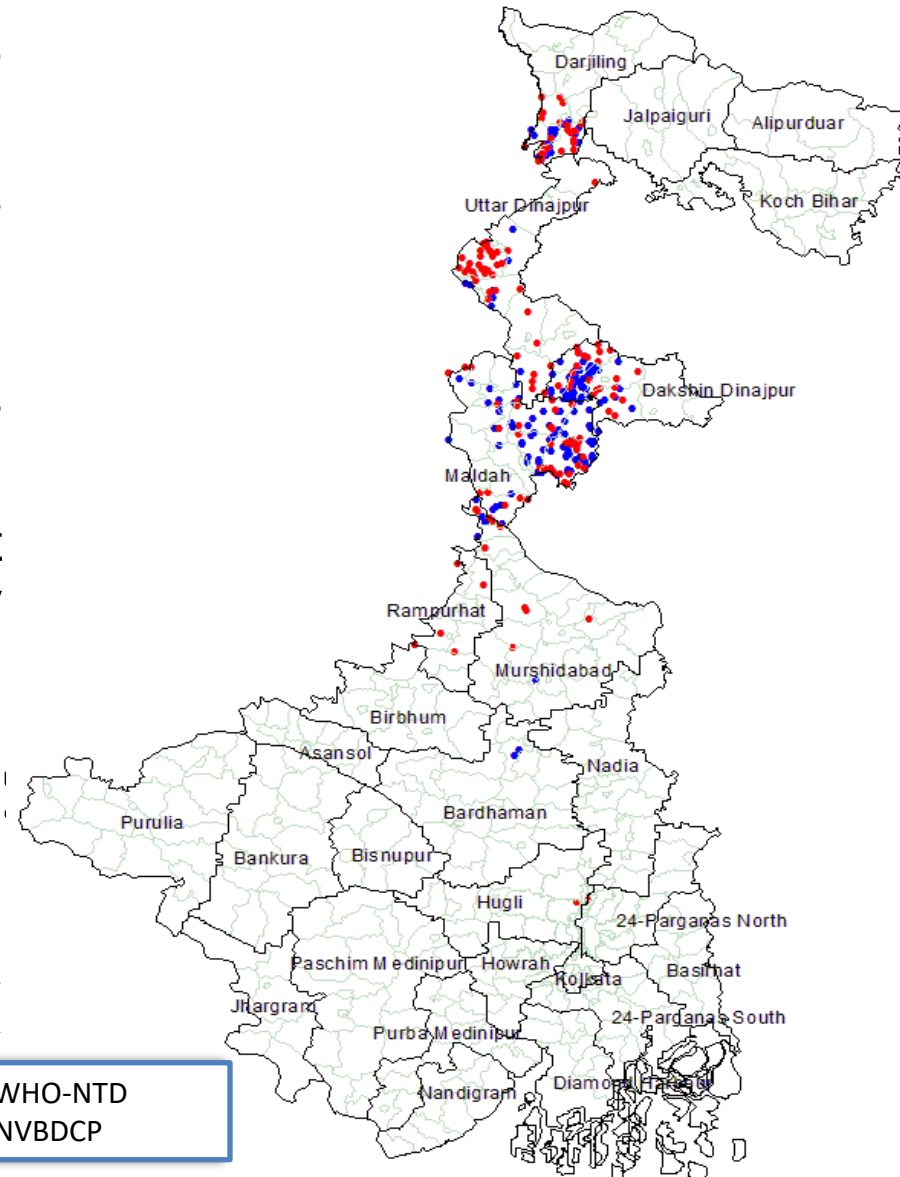
District	23
Health District	5
Sub Division	69
C D Block	342
Municipal Corporation	7
Municipality	118
Zila Parishad	21
Gram Panchayet	3342

Health Facility Profile

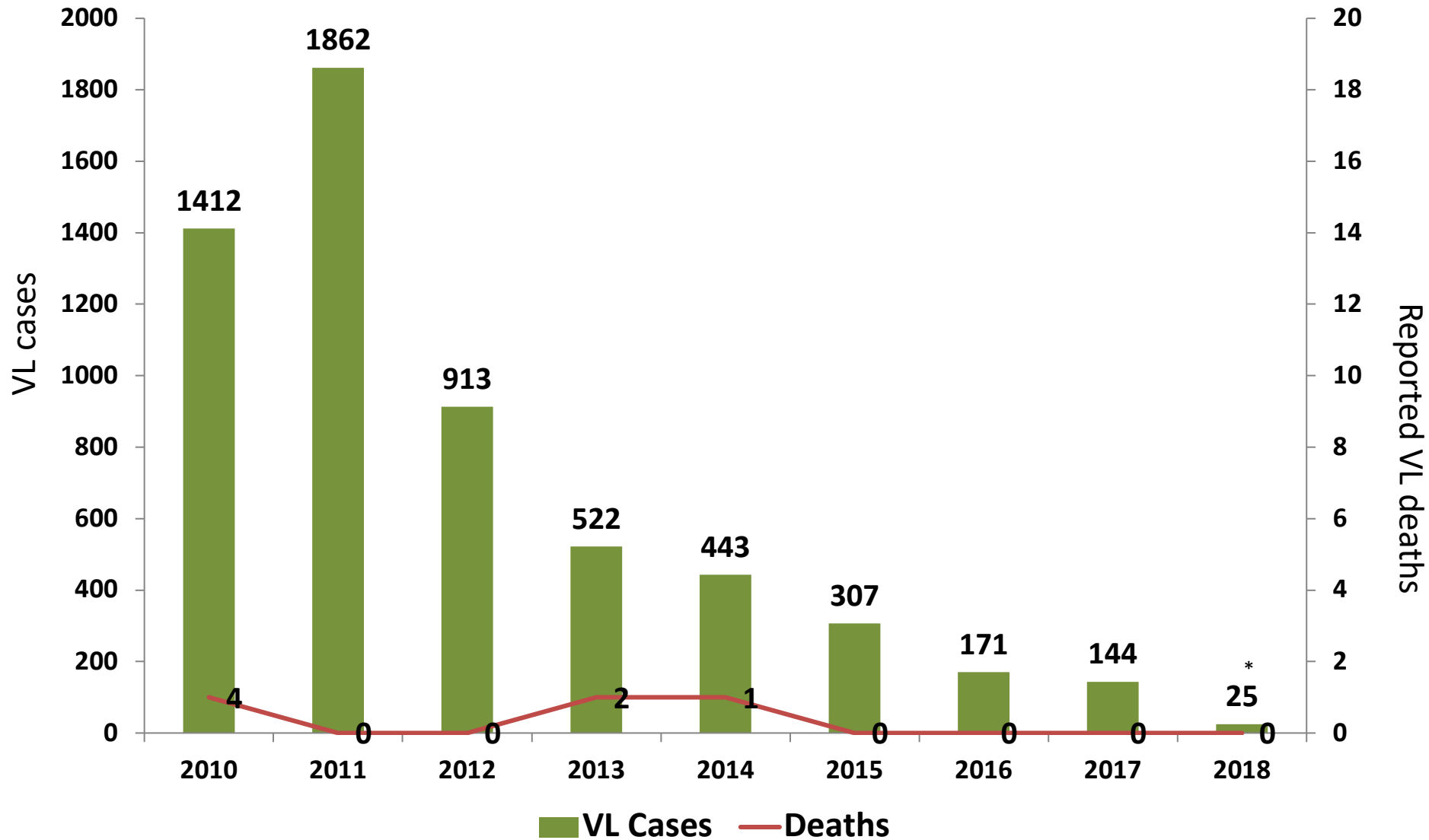
Medical College & Hospital	13
Super Speciality Hospital	39
District Hospital	20
Sub-divisional Hospital	37
State General Hospital	29
Rural Hospital	68
Block Primary Health Center	76
Primary Health Center	914
Sub-Center	10,369

West Bengal

- In West Bengal, 11 districts are 'Kala-azar districts'.
- 120 of 214 blocks in these districts are endemic. 39 blocks reported cases in 2017.
- **144 VL** cases & **164 PKDL** cases reported in 2017.
- Maximum VL cases reported last year from Malda (38) followed by Uttar Dinajpur (37) and maximum PKDL cases reported from Malda (75) & Dakshin Dinajpur (50).
- IR of all the blocks are below 1.
- IR of Goalpokher-II (0.79), Habibpur (0.79), Phansidewa (0.69).

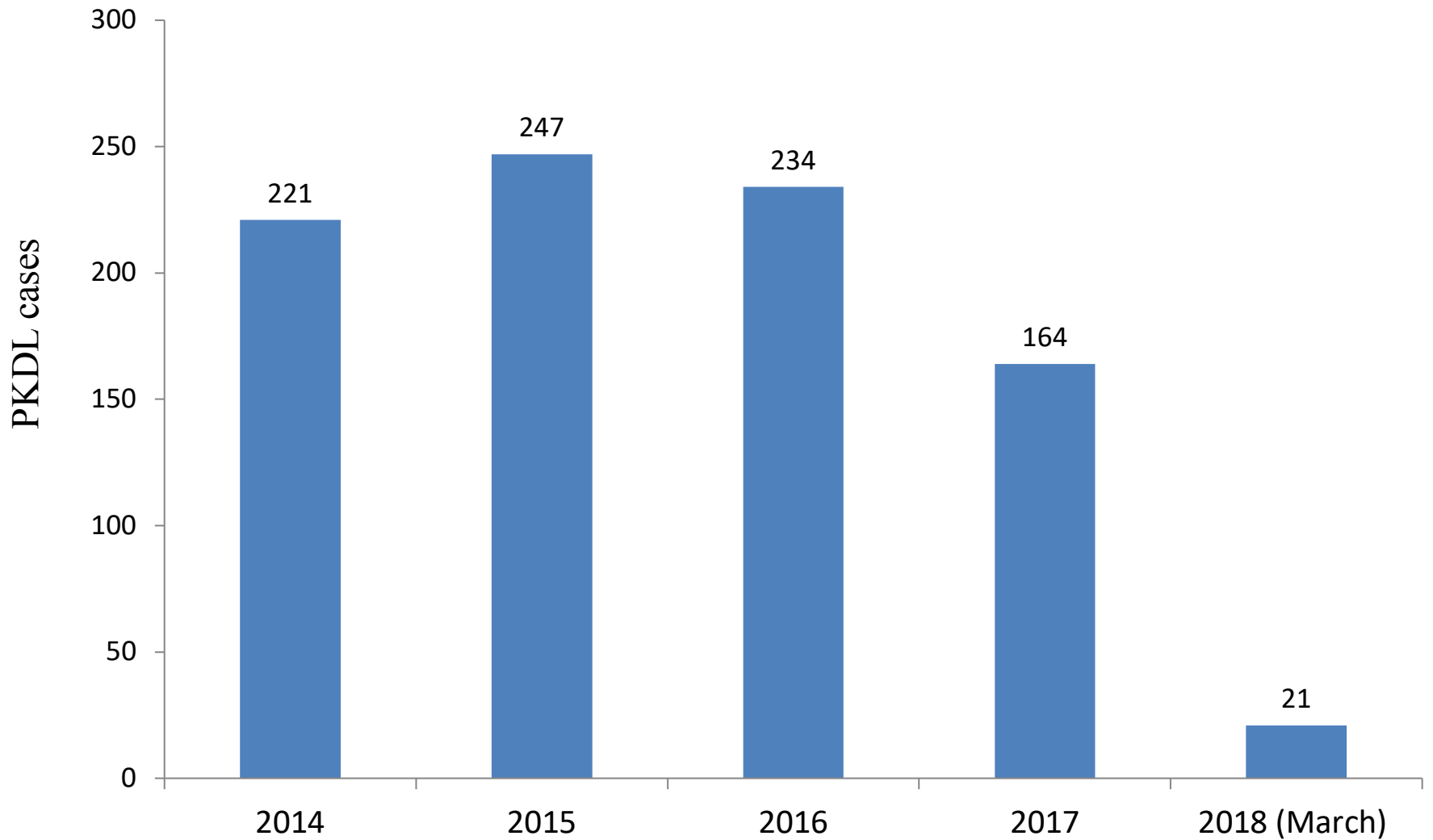


Year Wise Status of VL Cases and reported VL deaths: WB



*Data as on 31 March 2018

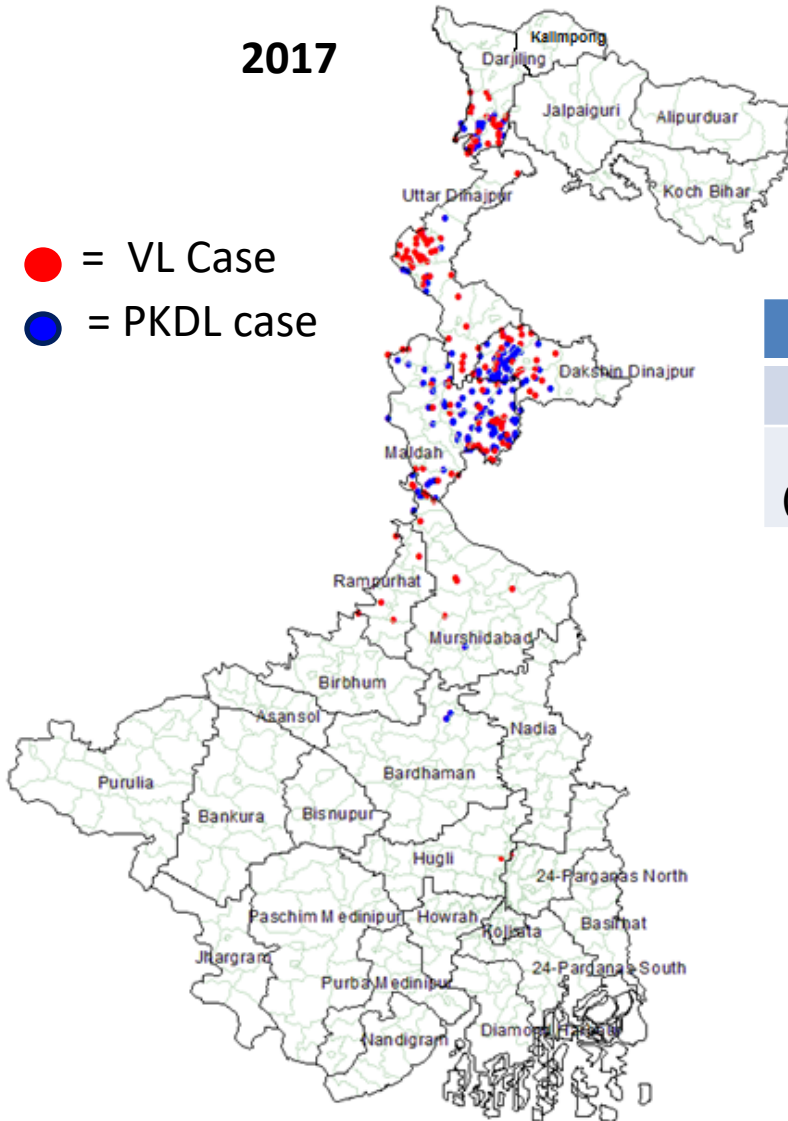
Year Wise Status of PKDL Cases : WB



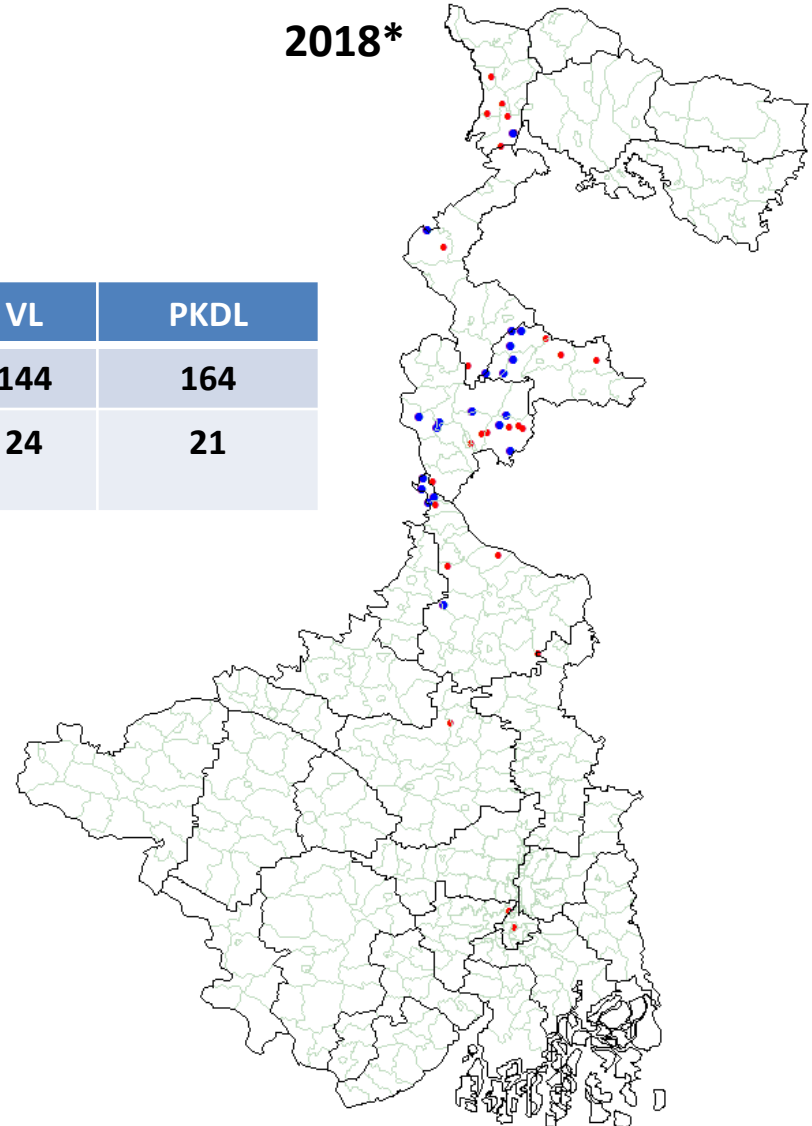
Kala-Azar situation in West Bengal

2017

- = VL Case
- = PKDL case

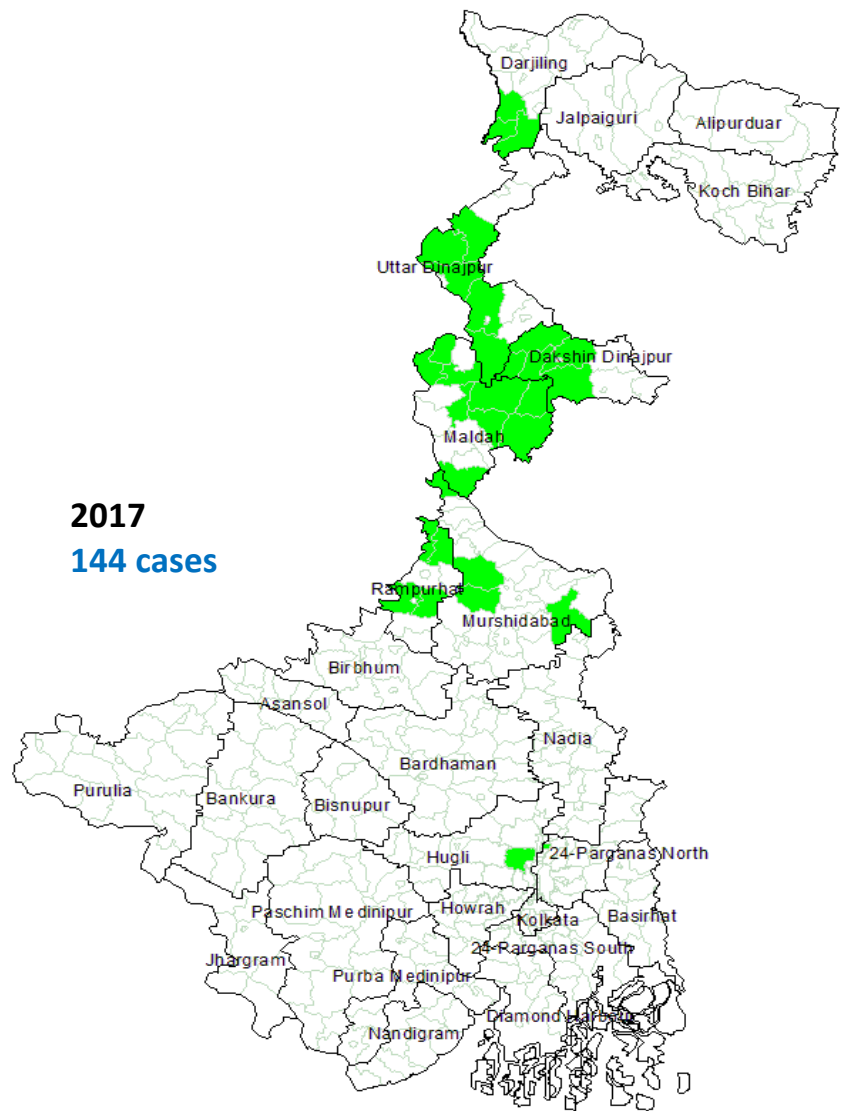


2018*

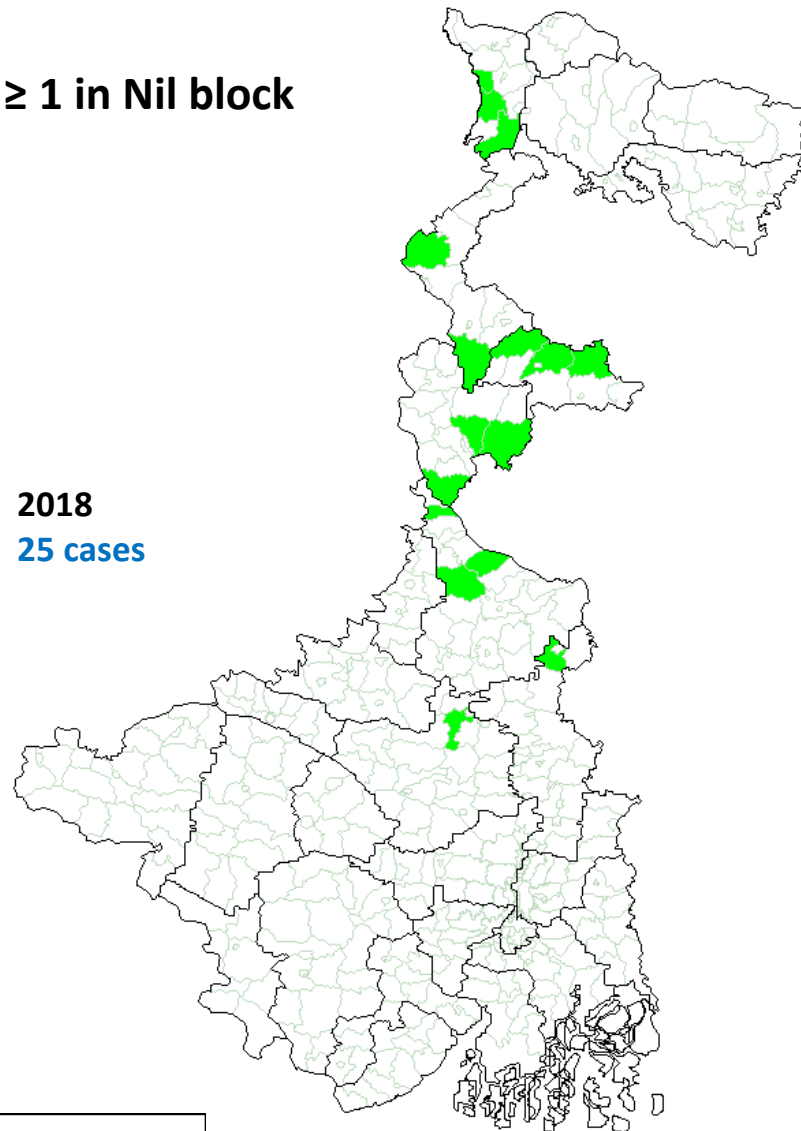


Year	VL	PKDL
2017	144	164
2018 (March)	24	21

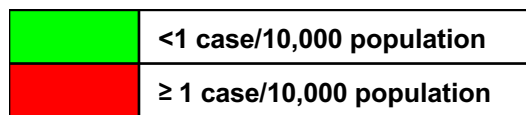
Incidence of VL cases: 2017 & 2018*



IR ≥ 1 in Nil block

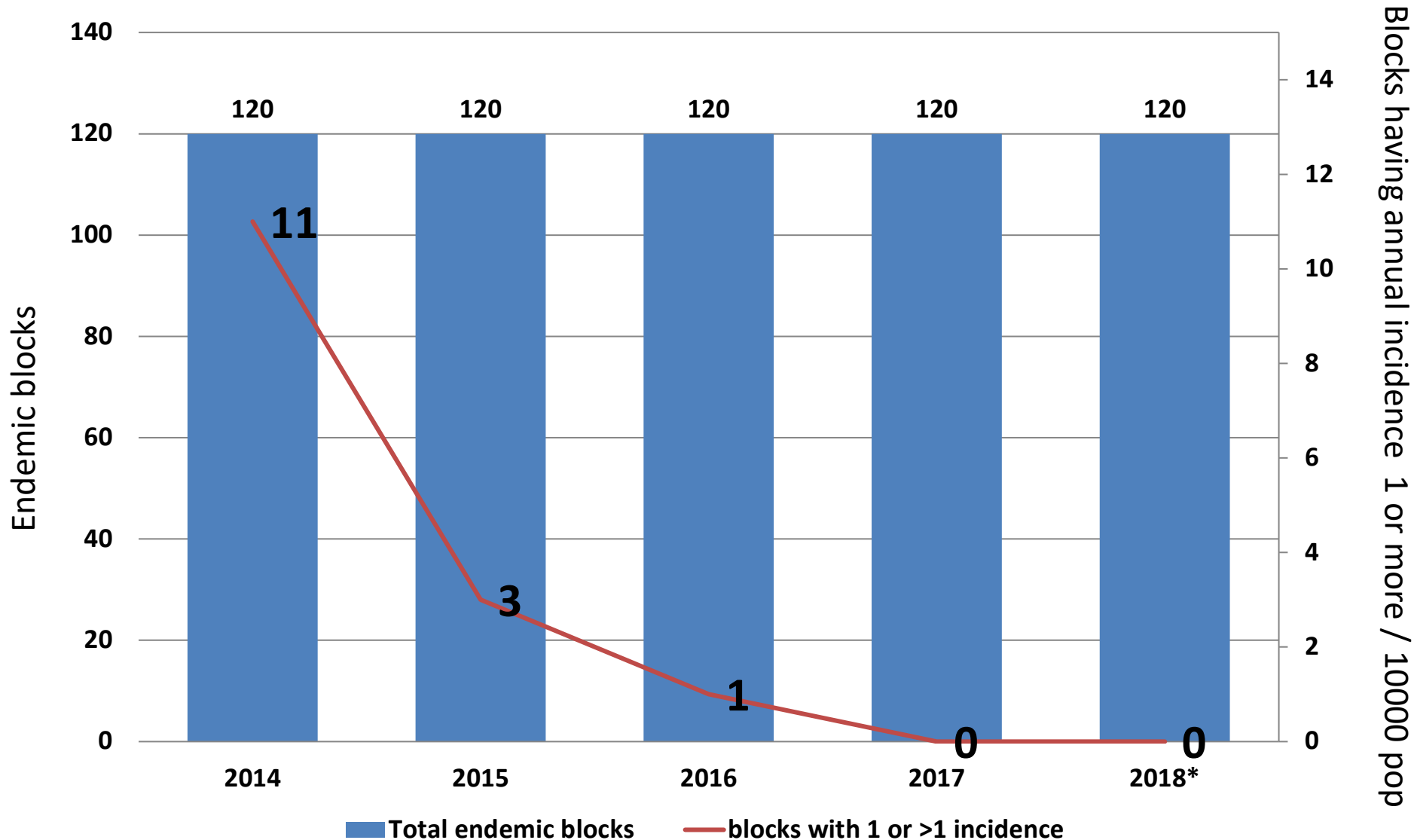


Map@ WHO-NTD
Data@ NVBDCP



As on 31 March 2018

Kala-Azar Endemic blocks having Incidence 1 or >1/10000



Data as on 31 March 2018

**For the first time in 2017,
the State has reached the elimination
target of < 1 Annual Incidence
in all endemic block**

**The challenge is now
in sustenance of
the gains already achieved**

Factors contributing the success

Availability of RDT-KA in field;
Uninterrupted supply of Liposomal
Amphotericin B

High Political & Administrative
commitment

All endemic blocks
< 1 AI

Reviews, monitoring, training and
innovation undertaken by State
and District level Programme
Officers;
Involvement of BPHNs/ ANMs/ KTS

Support of WHO NTD team
&
other partners

Challenges foreseen in sustenance of Elimination status



Surveillance

- Availability of RDTs in large number
- A set of indicators to quantify / objectively justify surveillance is optimal

Vector control

- IRS to continue----?? Where & what frequency
- Entomological monitoring--- indicators to record

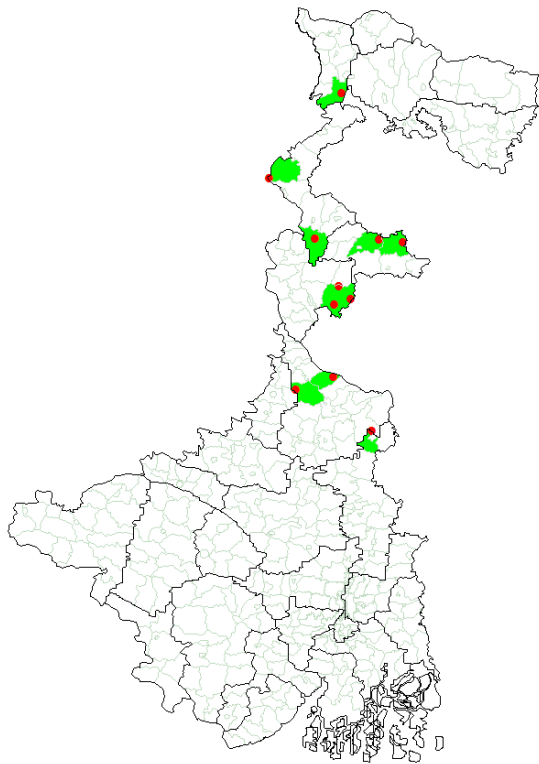
Health system strengthening

Training and re-sensitization; Fund allocation; support of partners
Finding PKDL, Follow up of patient beyond 6 months; late relapse

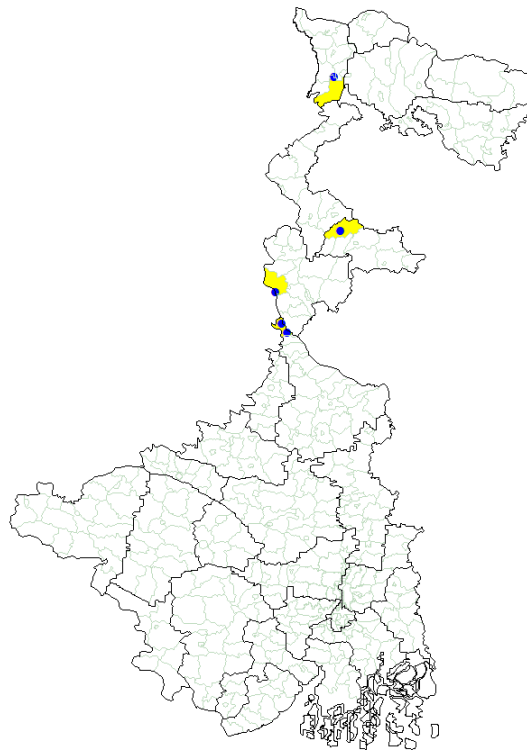
Shifting pattern of reported cases from different villages

- Where to focus; Predict new focus- how?
- How to be sure that there is no active transmission going on

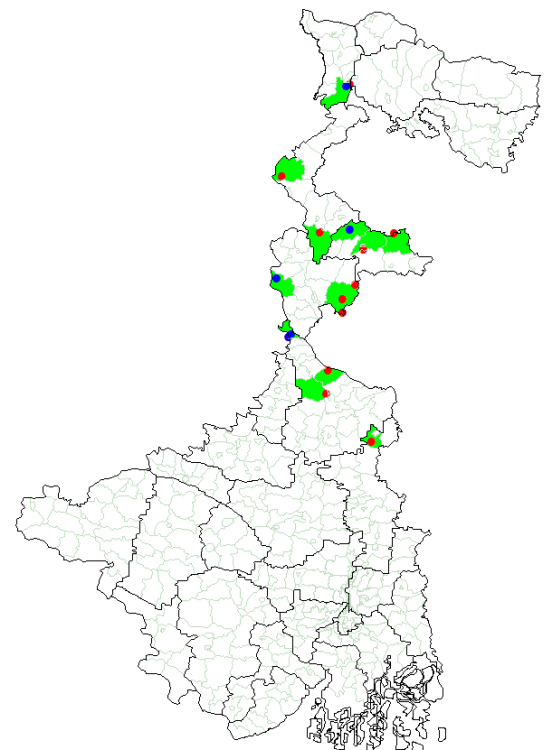
NEW FOCI VILLAGE: 2018*



FOCI Village with VL Cases

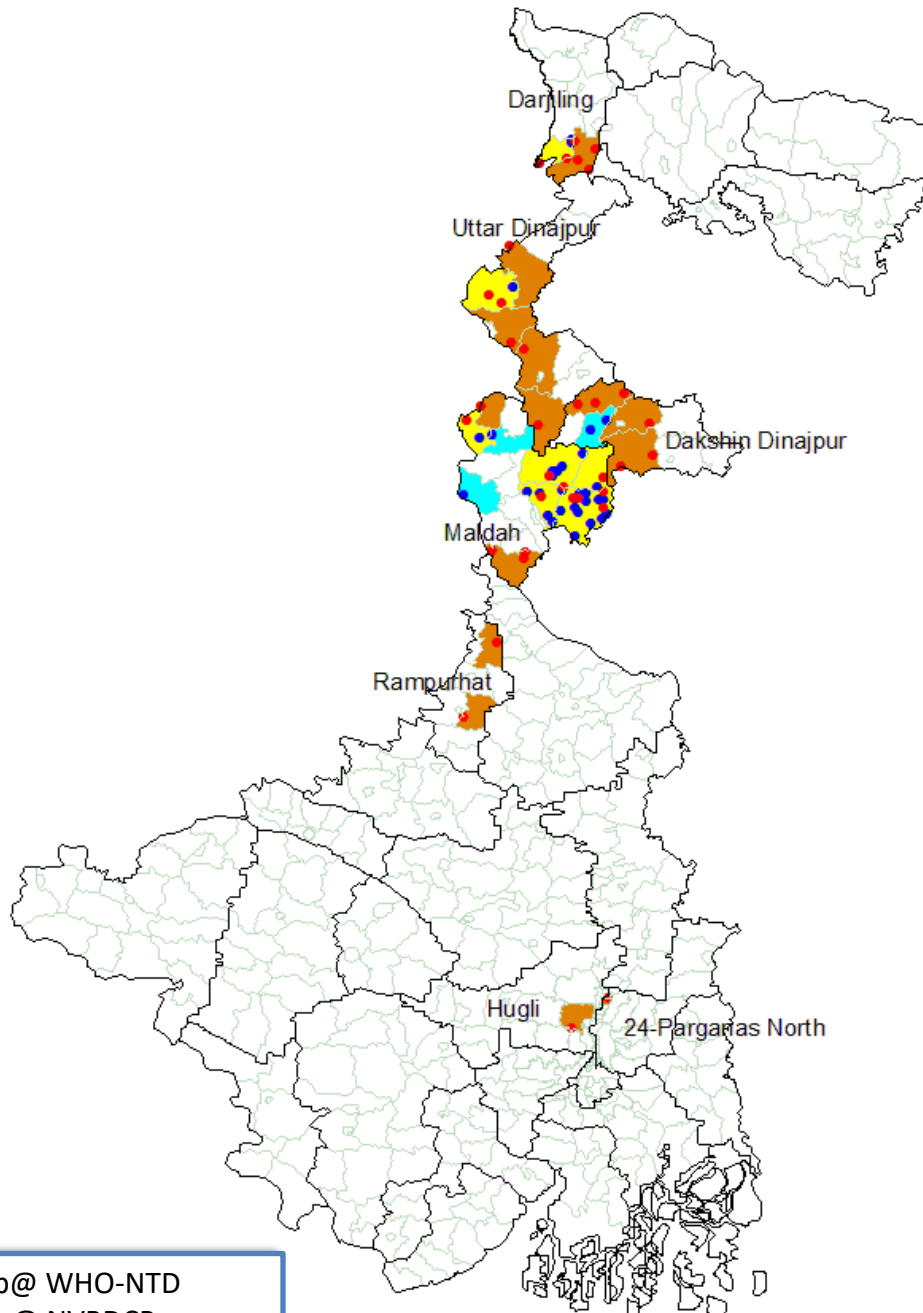


FOCI Village with PKDL Cases



FOCI Village All KA Cases

NEW FOCI VILLAGES : WEST BENGAL 2017*



District	# of Block		# of Vill.	
	VL	PKDL	VL	PKDL
Darjeeling	2	1	6	2
Uttar Dinajpur	5	1	6	1
Dakshin Dinajpur	3	1	6	2
Maldah	7	7	13	26
Rampurhat	2	---	2	---
North 24 Parganas	1	---	1	---
Hooghly	1	---	1	---
Total (7 District)	21	10	35	31
Overall	25		65	

● VL Cases	● PKDL Cases
---	--

Block with New FOCI Village - VL Cases only

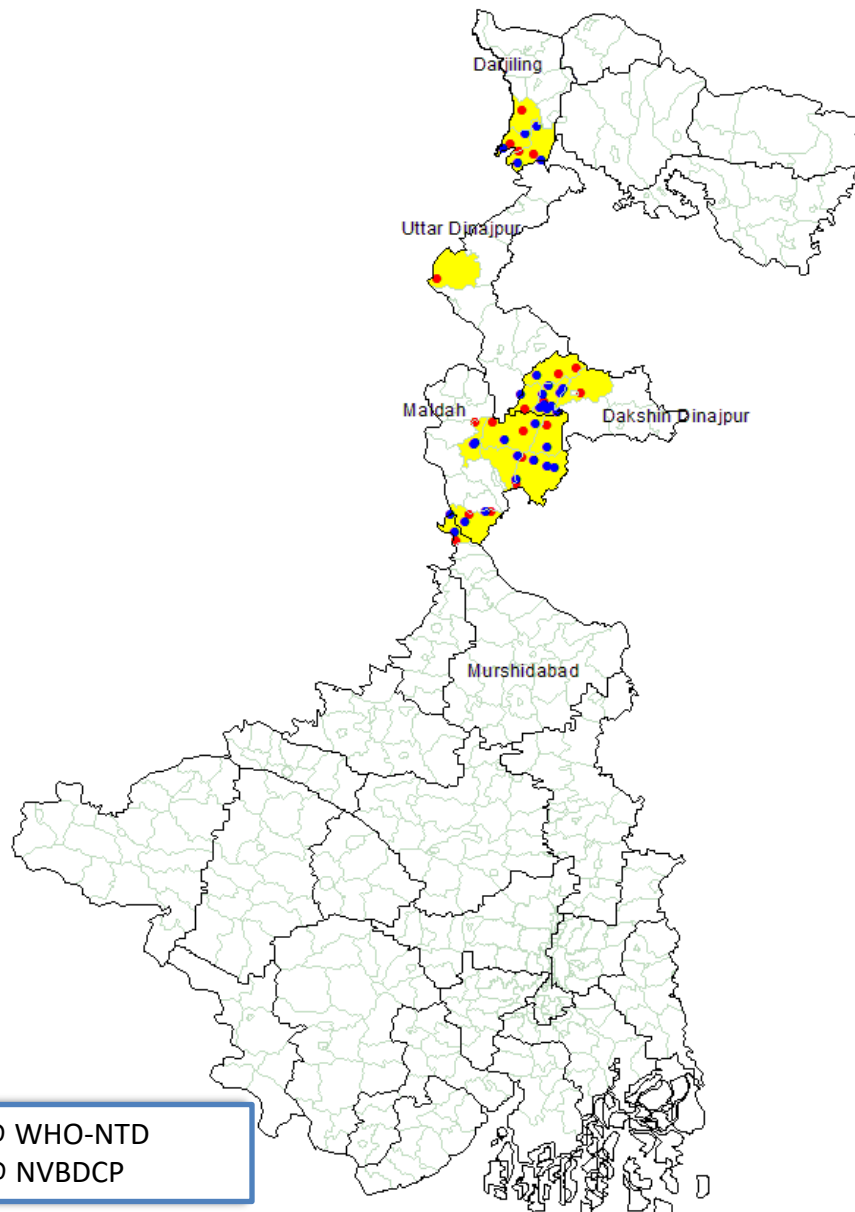
Block with New FOCI Village - PKDL Cases only

Block with New FOCI Village - Mixed (VL+PKDL) Cases

Map@ WHO-NTD
Data@ NVBDCP

Map@ WHO-NTD
Data@ NVBDCP

New Hotspot (2 or more VL/PKDL cases): West Bengal 2017



- No. of Villages having VL Cases (20)
- No. of Villages having PKDL Cases (31)

District	# of Block	# of Vill.
DARJEELING	3	7
UTTAR DINAJPUR	1	1
DAKSHIN DINAJPUR	4	14
MALDAH	6	16
MURSHIDABAD	1	2
5 DISTRICT	15	40

Challenges foreseen in sustenance of Elimination status



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- Where to focus; Predict new focus- how?
- How to be sure that there is no active transmission going on

Thank You

If you want to go far, GO TOGETHER

