

Partners In Health

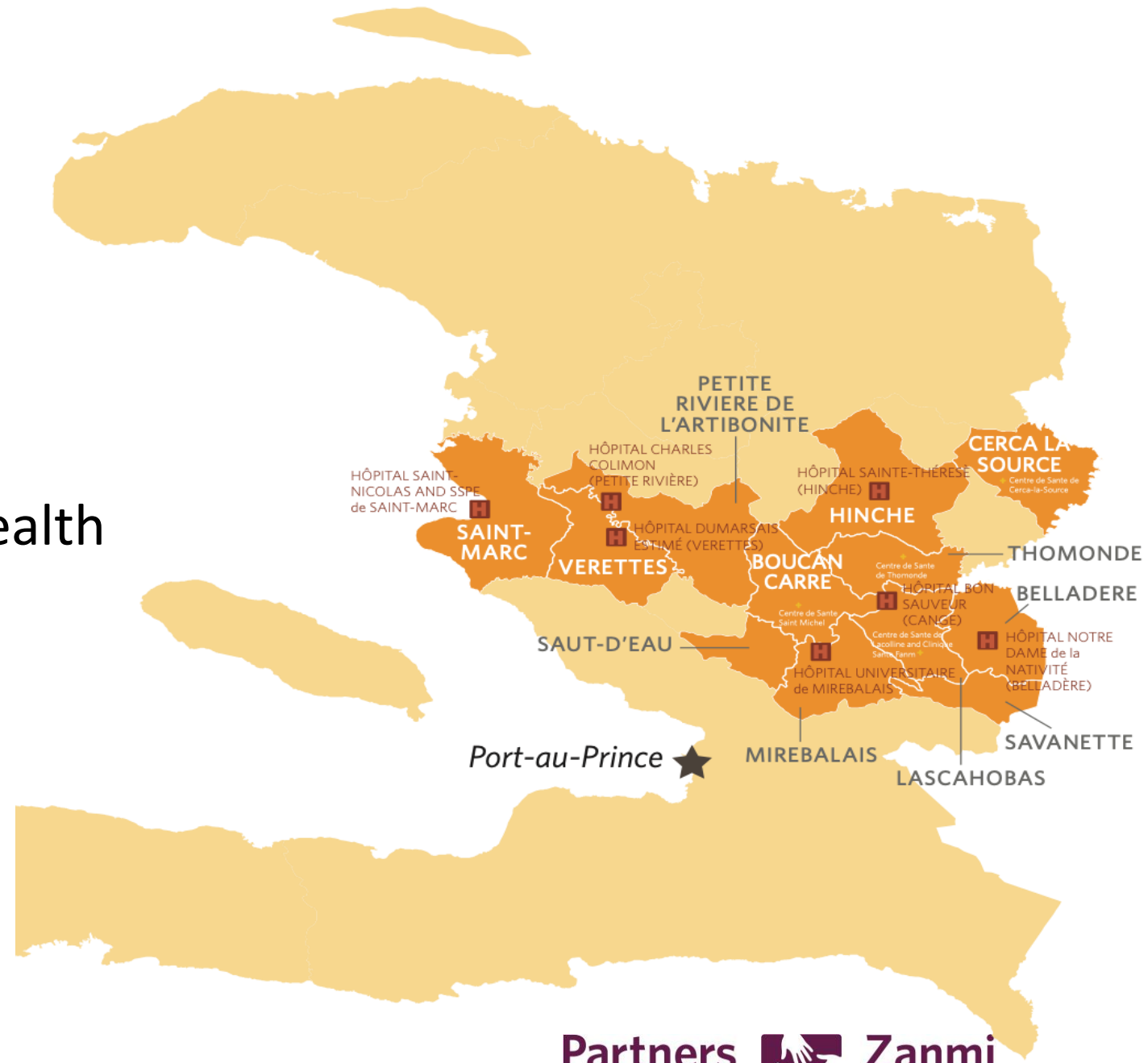
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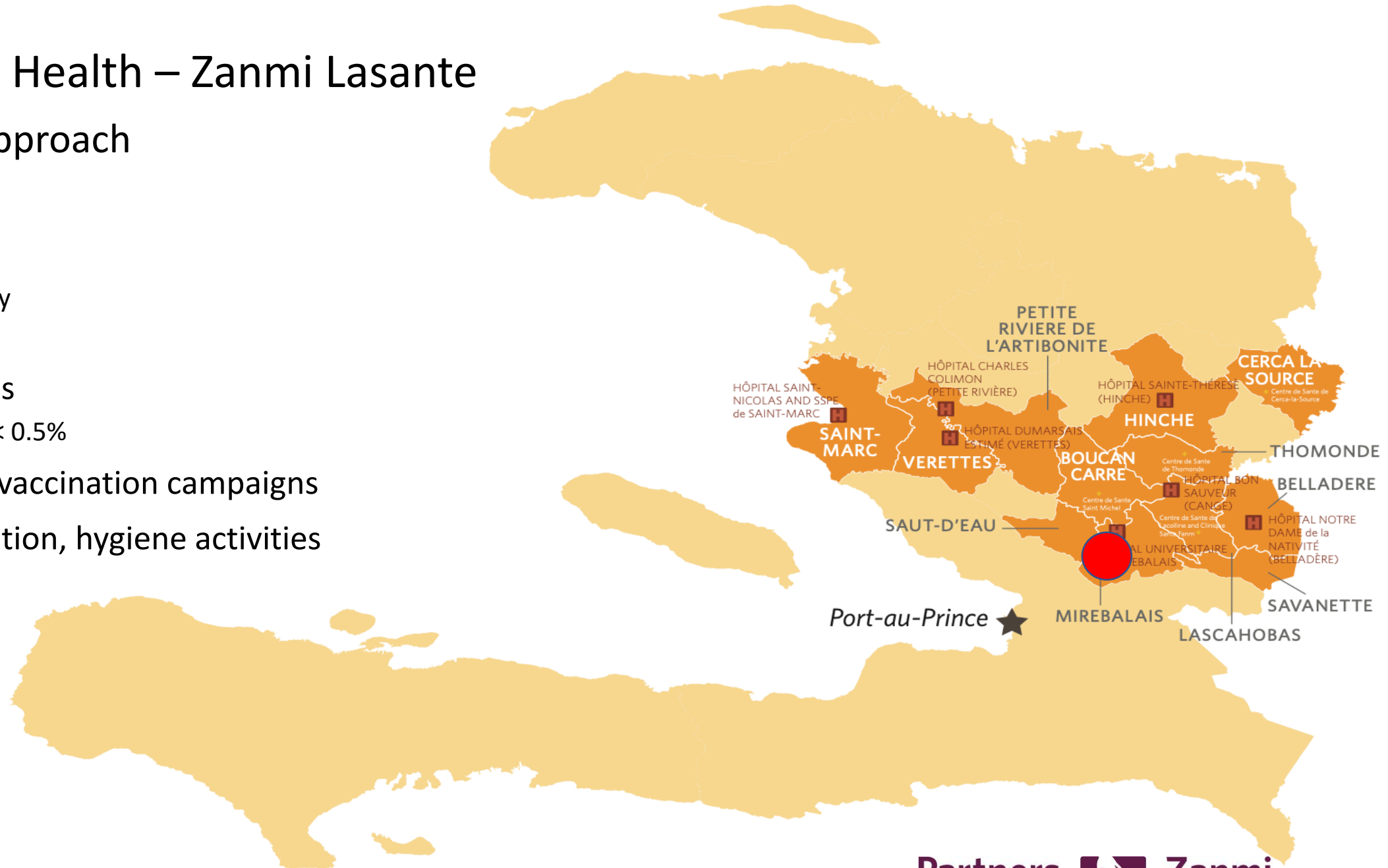
PLAN NATIONAL D'ELIMINATION DU CHOLERA
DEVELOPPEMENT DU PLAN LONG TERME 2018 - 2022



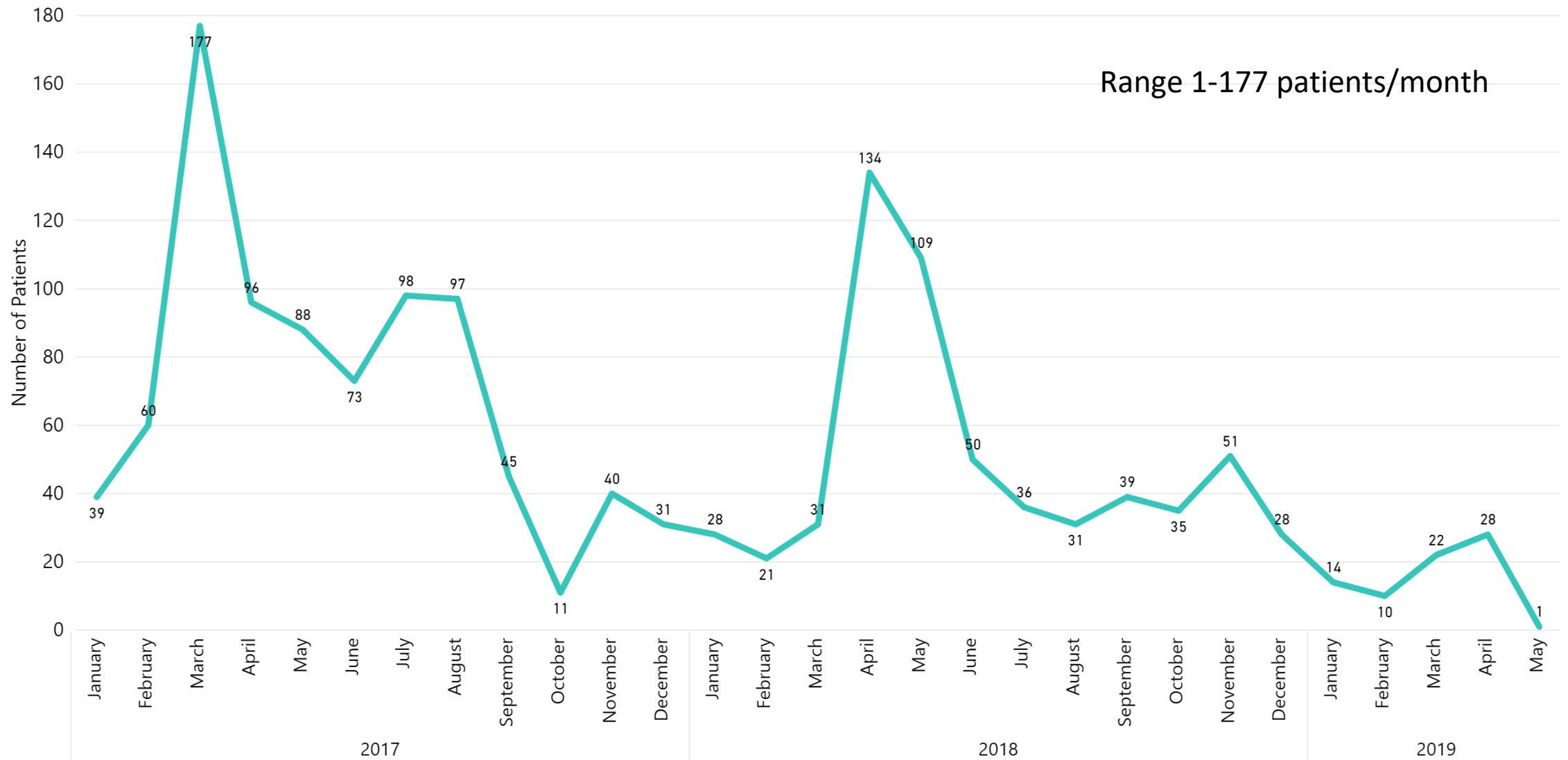
Partners In Health – Zanmi Lasante

Integrated approach

- Case finding
- Treatment
 - Community
 - Facility
- 160,000 cases
 - Mortality < 0.5%
- Oral cholera vaccination campaigns
- Water, sanitation, hygiene activities

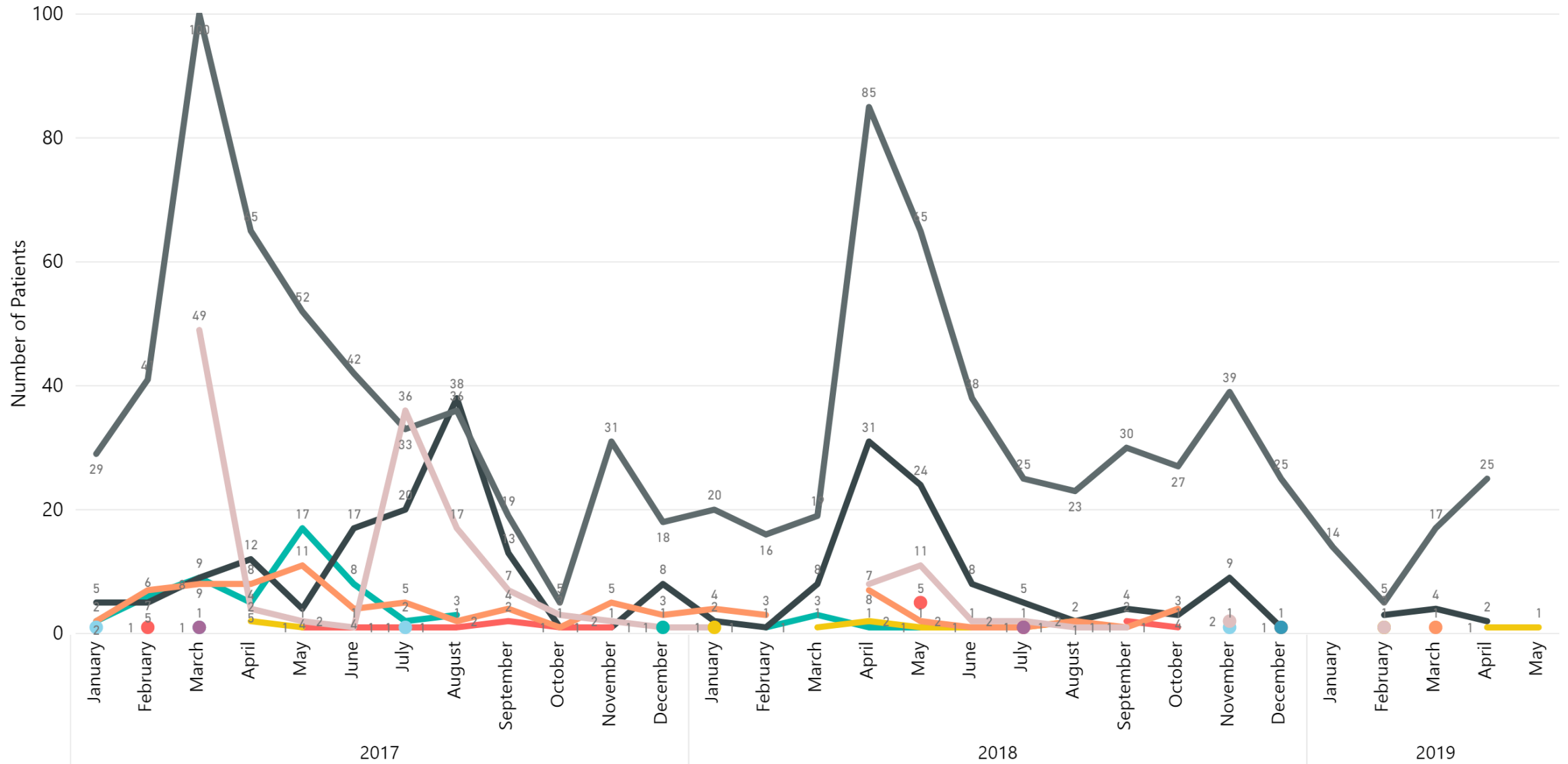


Cholera patients (clinical case definition), Mirebalais facility 2017-2019

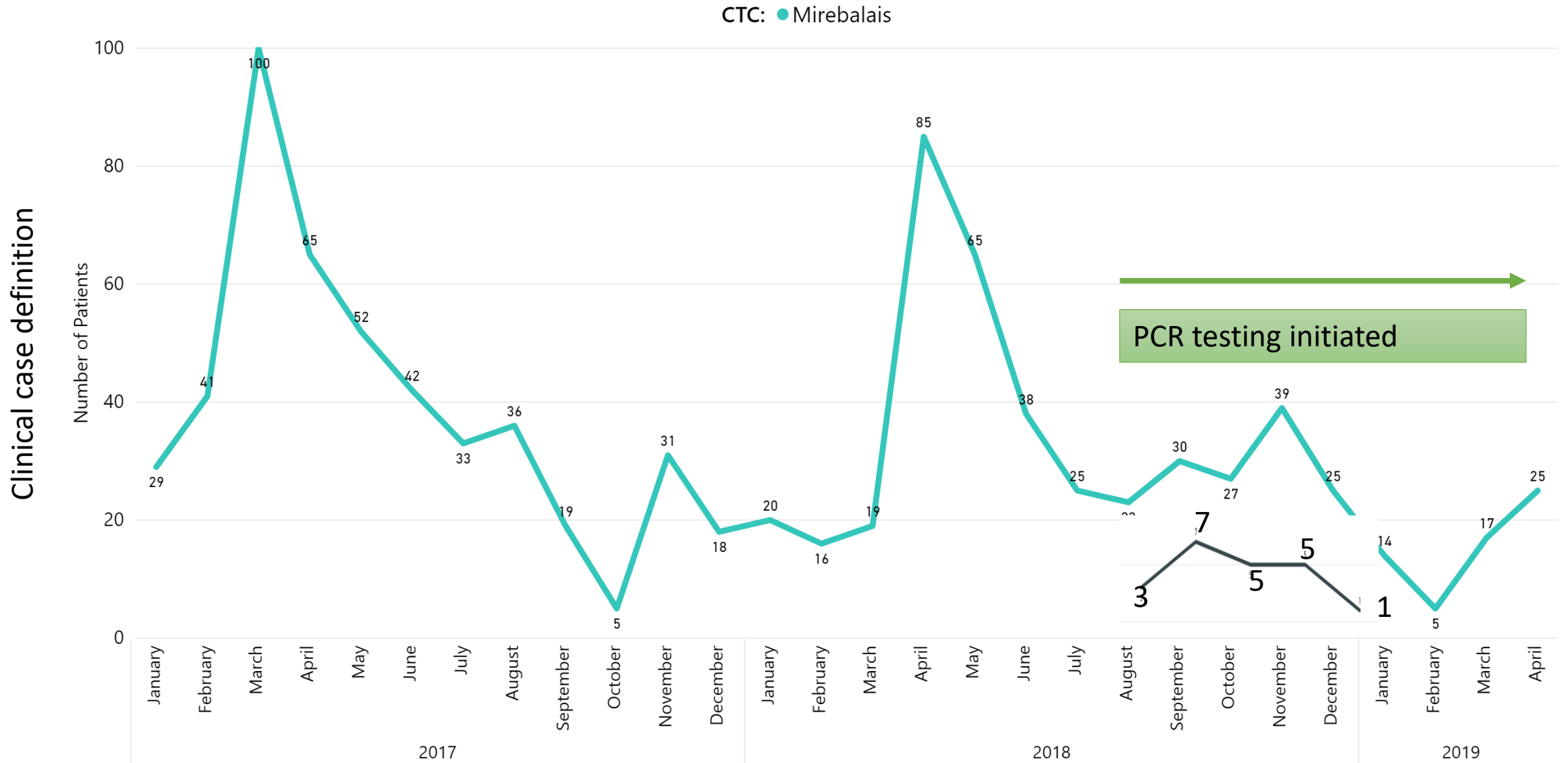


Mirebalais facility, patients commune of origin 2017-2019

Commune: ● Autre commune ● Boucan Carré ● La Chapelle ● Lascahobas ● Mirebalais ● Petite Rivière de L'Artibonite ● Saut d'Eau ● Savanette ● Thomassique ● Thomonde



Mirebalais facility, Mirebalais commune origin, 2017-2019



PCR and culture results

Sept 2018-March 2019

		PCR	
		+	-
Culture	+	7	1
	-	14	38

Positive Predictive Value: 0.88
Negative Predictive Value: 0.73

Sensitivity: 33%
Specificity: 97%

Work in progress – initial conclusions

- Cholera cases at all-time low in Mirebalais
- *V. cholerae* culture as implemented has low sensitivity for detection – prudence in using stool culture alone in surveillance around elimination

Thanks

Funding:

- Partners In Health
- Bill & Melinda Gates Foundation
- National Institutes of Health