



**15TH NATIONAL
CONVENTION
ON STATISTICS**

03-05 OCTOBER 2022



Organized by the Philippine Statistical System Spearheaded by the Philippine
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Towards equity in the COVID-19 response in Western Visayas

Pia Regina Fatima C. Zamora-Rico

Research Fellow

University of San Agustin Center for Inforatics

COVID-19 Statistics

Crowne Plaza Galleria Manila

8:30 – 10:00 AM, October 5 2022

Towards equity in the COVID-19 response in Western Visayas



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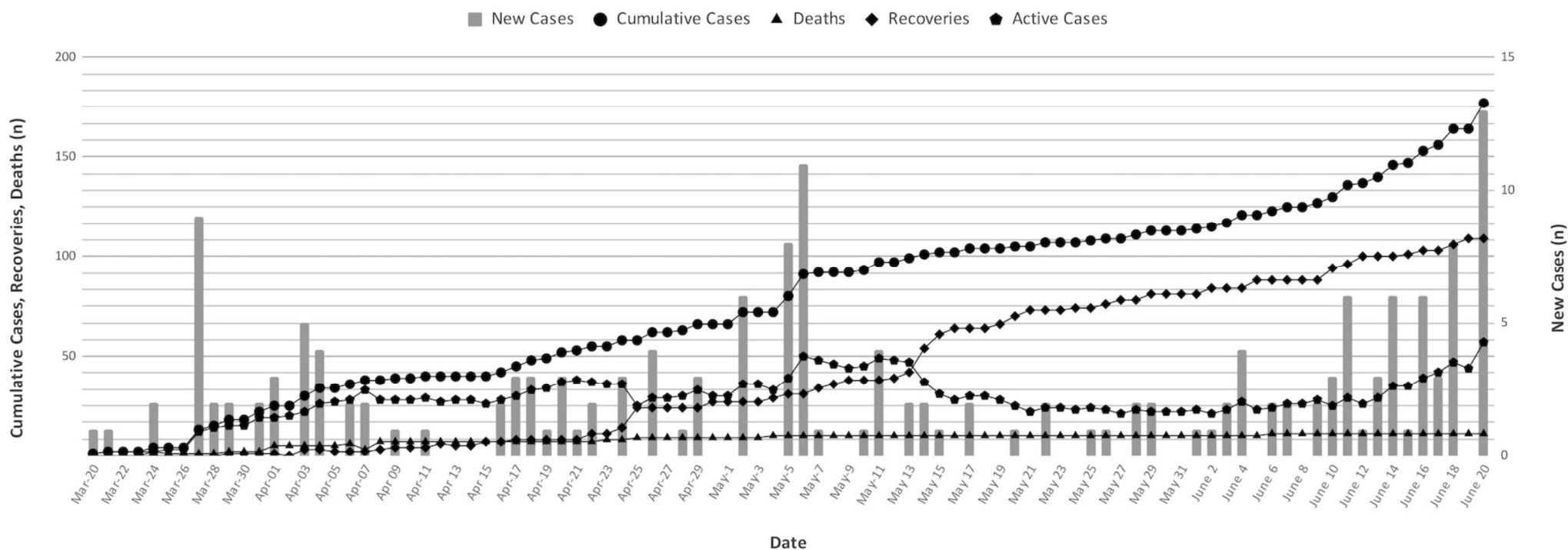


Fig 1. COVID-19 Data in Western Visayas: New and Cumulative Cases, Recoveries, and Deaths as of June 20, 2020



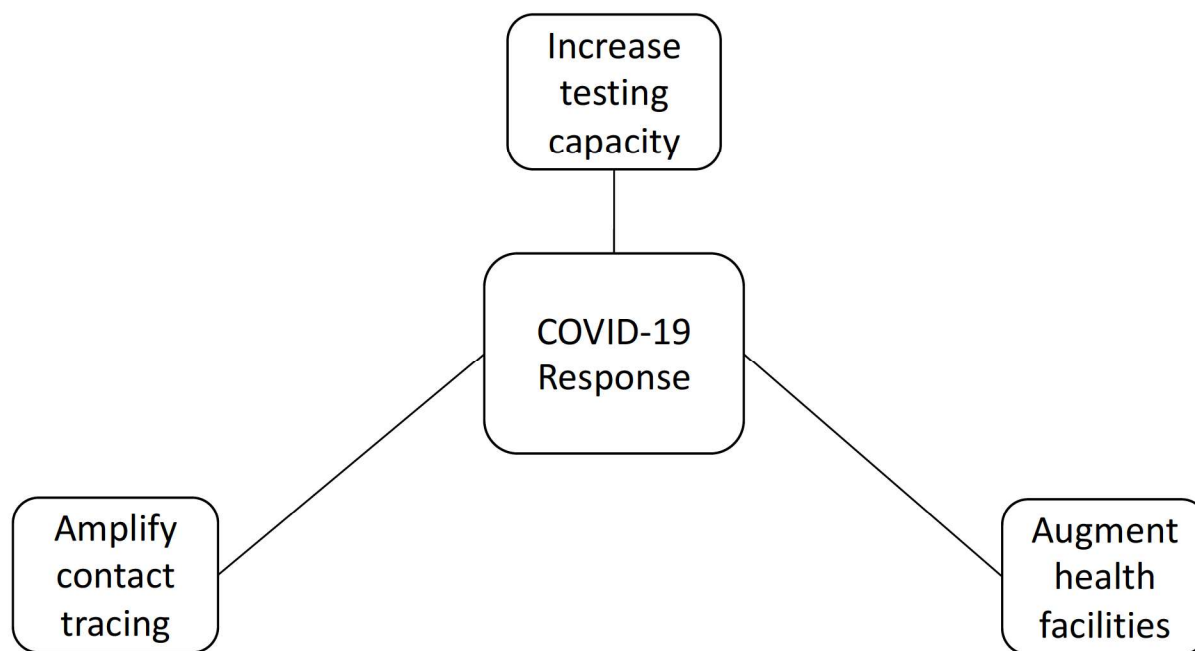
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Strengthening the Healthcare System





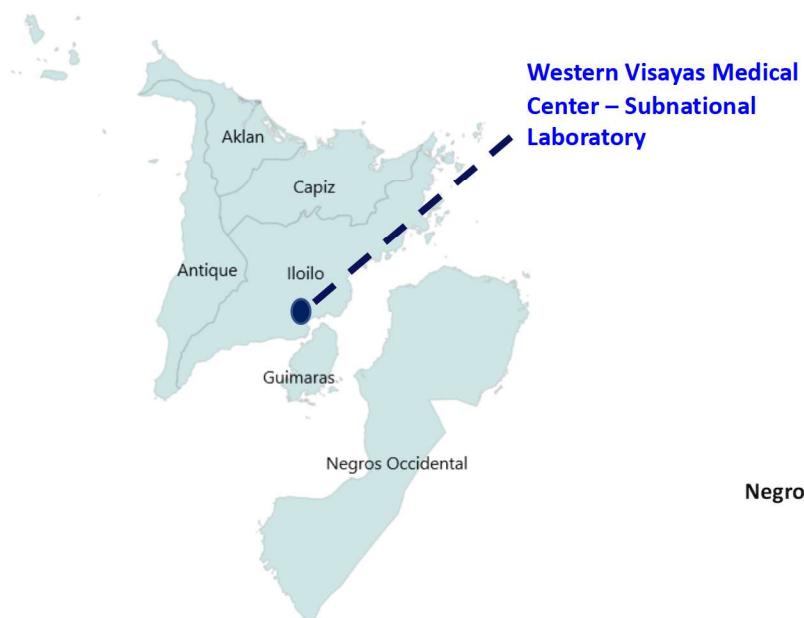
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COVID-19 Testing



Only laboratory for COVID-19 testing in Region 6 from March 24, 2020 – June 2, 2020

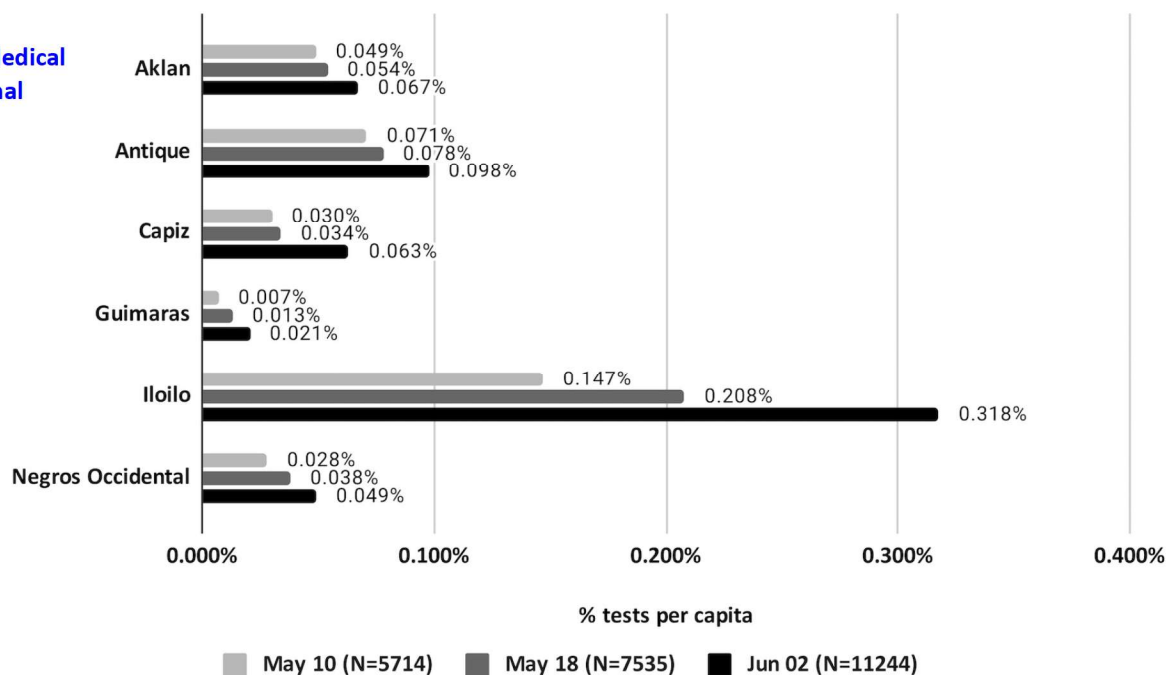


Fig 2. COVID-19 laboratory testing in Western Visayas: % tests per capita as of June 02, 2020



Streetlight effect

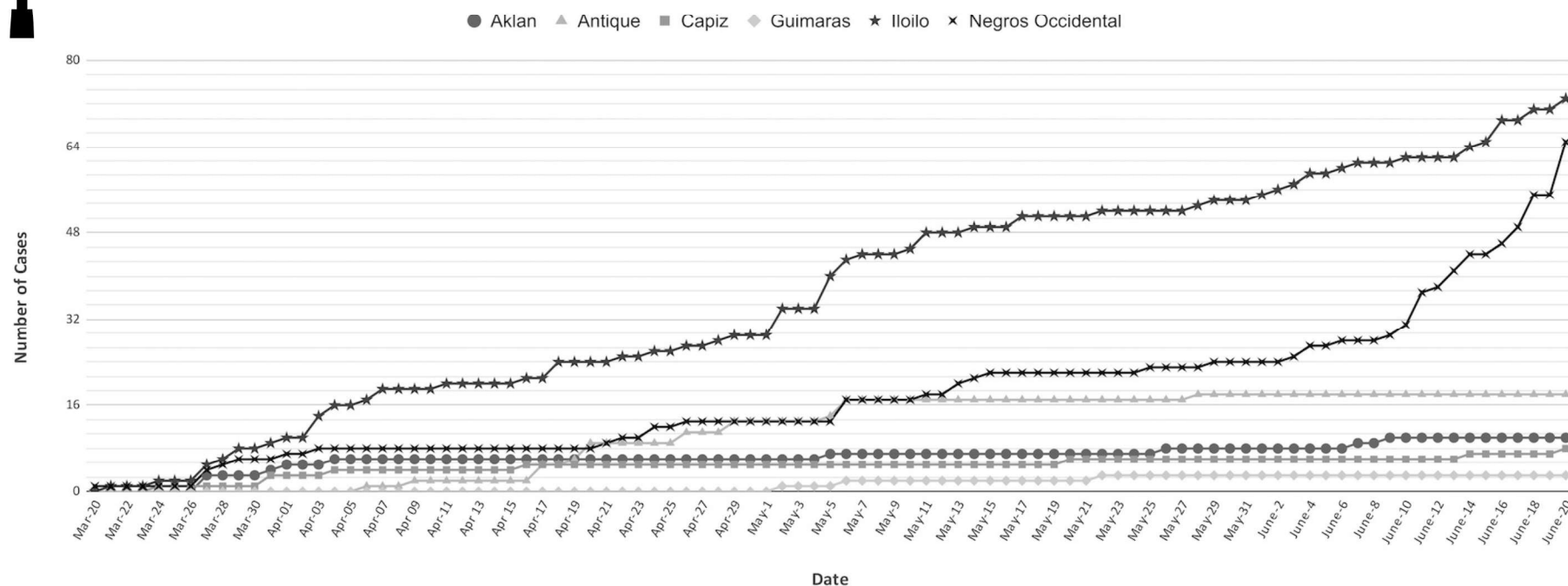


Fig 3. Cumulative Covid-19 cases in Western Visayas, per province, as of June 20, 2020



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Testing: Overall Processing time

Table 1. Overall processing time (Iloilo vs other WV provinces) among COVID-19 positive individuals
(N = 103) as of June 02, 2020

Province	Number of specimen	Overall Processing Time (vs Iloilo)	
		Average (days)	%Δ
Aklan	5	3.4	6.25%
Antique	18	5.1	59.38%
Capiz	5	2.8	-12.50%
Guimaras	3	3	-6.25%
Negros Occidental	20	5.4	68.75%
Iloilo (reference)	52	3.2	--



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Testing: Overall Processing time

- Sample collection → Laboratory receipt
- Laboratory processing → results validation

Table 2. Duration from collection to laboratory receipt of specimens (N = 103) as of June 02, 2020 and the estimated travel time from collection sites to the WVMC-SNL

Province	Number of specimen	Duration between specimen collection to laboratory receipt						Estimated travel time to WVMC-SNL
		≤ 24 hours		24 - 48 hours		>48 hours		
		Number	%	Number	%	Number	%	
Aklan	5	2	40%	3	60%	--	--	~ 4 hrs (land)
Antique	18	5	27.78%	12	66.67%	1	5.55%	~ 2-4 hrs (land)
Capiz	5	4	80%	1	20%	--	--	~ 2-3 hrs (land)
Guimaras	3	3	100%	--	--	--	--	~ 1-2 hrs (land,sea)
Negros Occidental	20	4	20%	8	40%	8	40%	~ 2-5 hrs (land,sea)
Iloilo	52	49	94.23%	2	3.85%	1	1.92%	~ <1 hr – 3 hrs (land)



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Testing: Overall Processing time

- Sample collection →
Laboratory receipt
- Laboratory
processing → results
validation

Table 3. Duration of laboratory processing to release of results (Iloilo vs other WV provinces) among COVID-19 positive individuals (N = 103) as of June 02, 2020

Province	Laboratory receipt to results release (vs Iloilo)	
	<i>Average (days)</i>	<i>%Δ</i>
Aklan	2.8	-10.26%
Antique	4.6	47.44%
Capiz	2.6	-16.67%
Guimaras	3	-3.85%
Negros Occidental	3.8	21.79%
Iloilo (reference)	3.12	--



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Testing: Overall Processing time

- Delays
 - **Negros Occidental**: TRANSPORT LOGISTICS
 - **Antique**: TRANSPORT LOGISTICS, LABORATORY PROCESSING/RESULTS VALIDATION



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Contact Tracing

Contacts of 104 confirmed cases as of May 18, 2020

Identified

3,503

Traced

3,420

Tested

1,668

Contact tracing in the region is **delinked from testing** by **50%**.



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Health Facilities: Hospitals

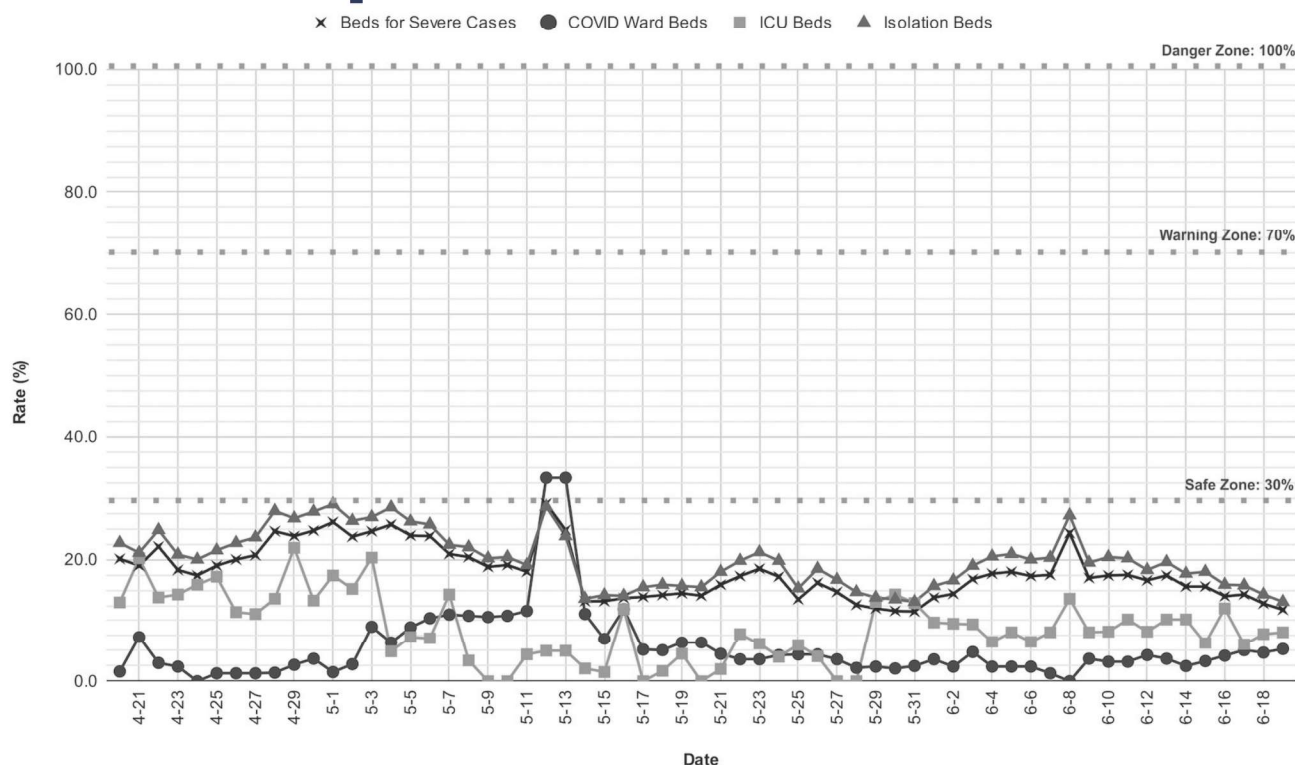


Fig 4. Utilization of quarantine facilities in Western Visayas as of June 20, 2020



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Health Facilities: Hospitals

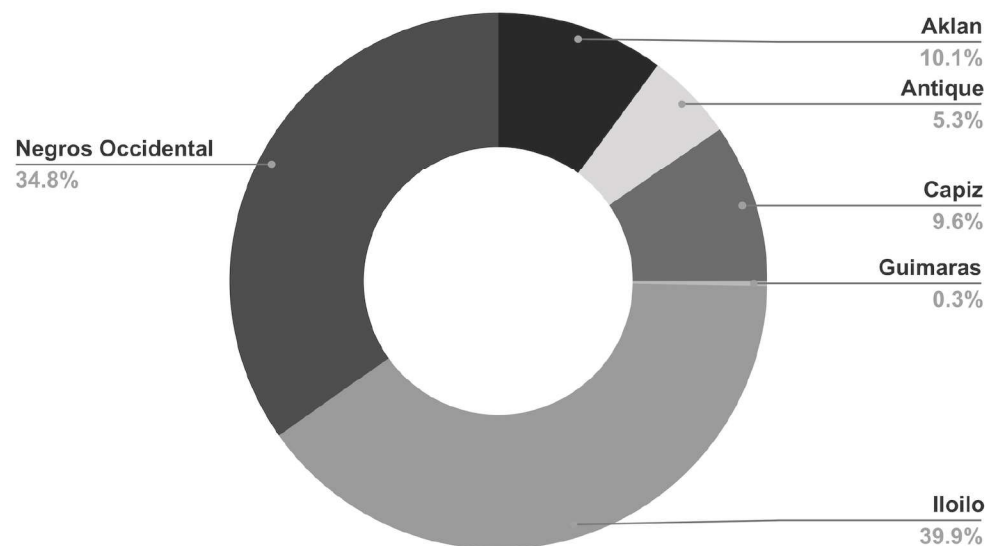


Fig 5. Distribution of hospital bed capacity per province as of June 19, 2020

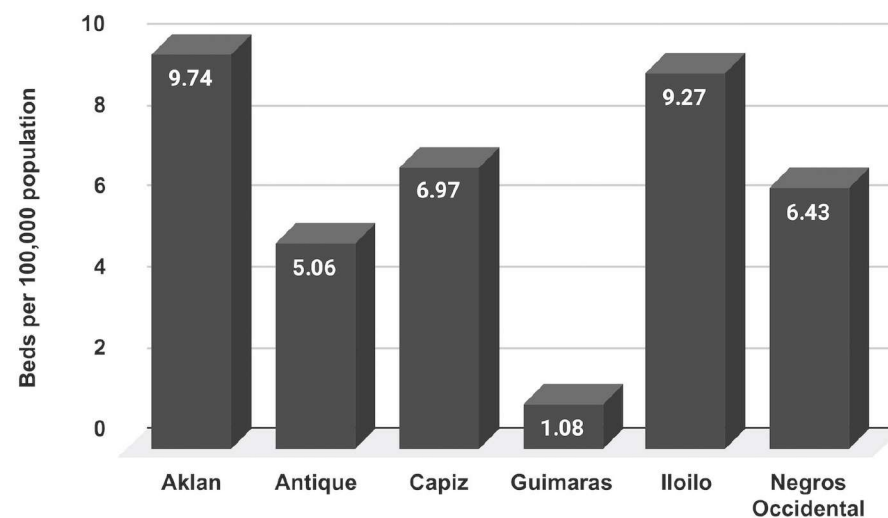


Fig 6. Hospital bed capacity per province per 100,000 population as of June 19, 2020



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Health Facilities: Quarantine

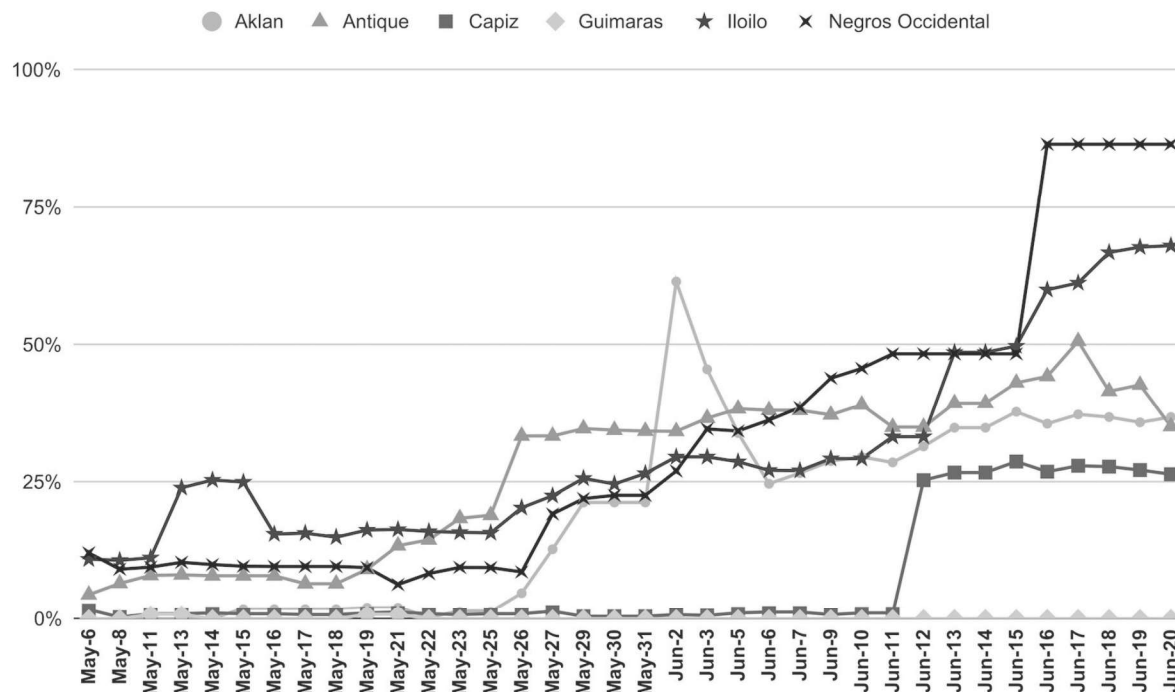


Fig 7. Utilization of quarantine facilities in Western Visayas as of June 20, 2020



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Health Facilities: Quarantine

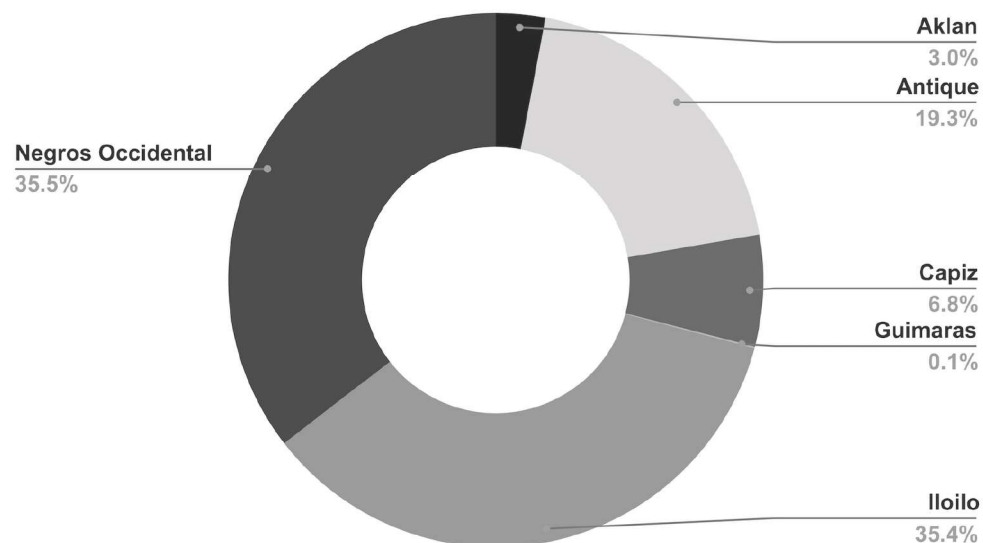


Fig 8. Distribution of quarantine bed capacity per province as of June 20, 2020

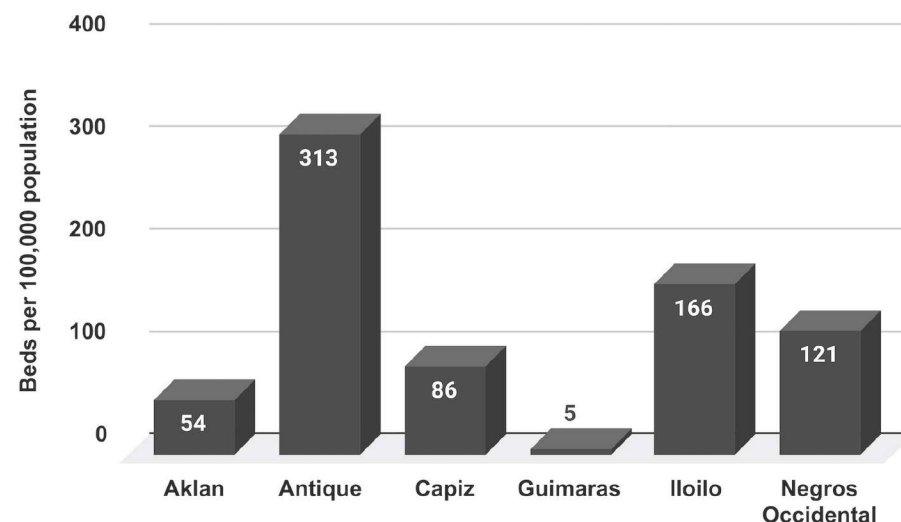


Fig 9. Quarantine bed capacity per province per 100,000 population as of June 20, 2020

Conclusion

- Testing: *“Streetlight effect”*
 - Investigation of potential operational and transport issues
- Contact tracing was inadequate and de-linked from testing.
 - Enable seamless flow of contact tracing data: RESU ↔ BHERTS
- Health Facilities
 - Continuous monitoring.
 - Alternatives to cater non-COVID 19 cases



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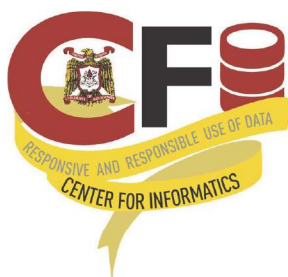
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Thank you!



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