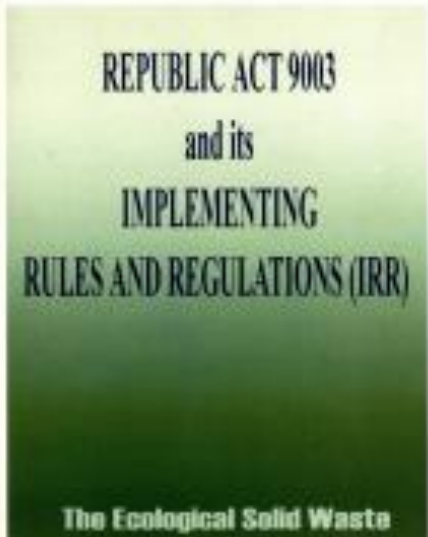


Updates on the 10-year Solid Waste Management Plan: Ways to Move Forward



Presented by:

Engr. Nolan B. Francisco

OIC Chief

Solid Waste Management Division
Environmental Management Bureau



Outline

I. Legal Framework

II. Compliance updates

III. Way Forward



Section 16. Local Government Solid Waste Management Plans

- All provinces, cities and municipalities shall prepare a 10-year SWM plan
- Should be consistent with the National Solid Waste Management Framework
- Shall place primary emphasis on implementation of all feasible reuse, recycling, and composting programs while identifying the amount of landfill and transformation capacity that will be needed for solid waste which cannot be re-used, recycled, or composted
- shall be subjected to the approval of the Commission.



Components of the Local Government Solid Waste Management Plan (Section 17) RA 9003

1. City or Municipal Profile
2. Waste characterization
3. Collection and Transfer
4. Processing
5. Source reduction
6. Recycling
7. Composting
8. Solid waste facility capacity and final disposal
9. Education and public information
10. Special waste
11. Resource requirement and funding
12. Privatization of solid waste management projects
13. Incentive programs

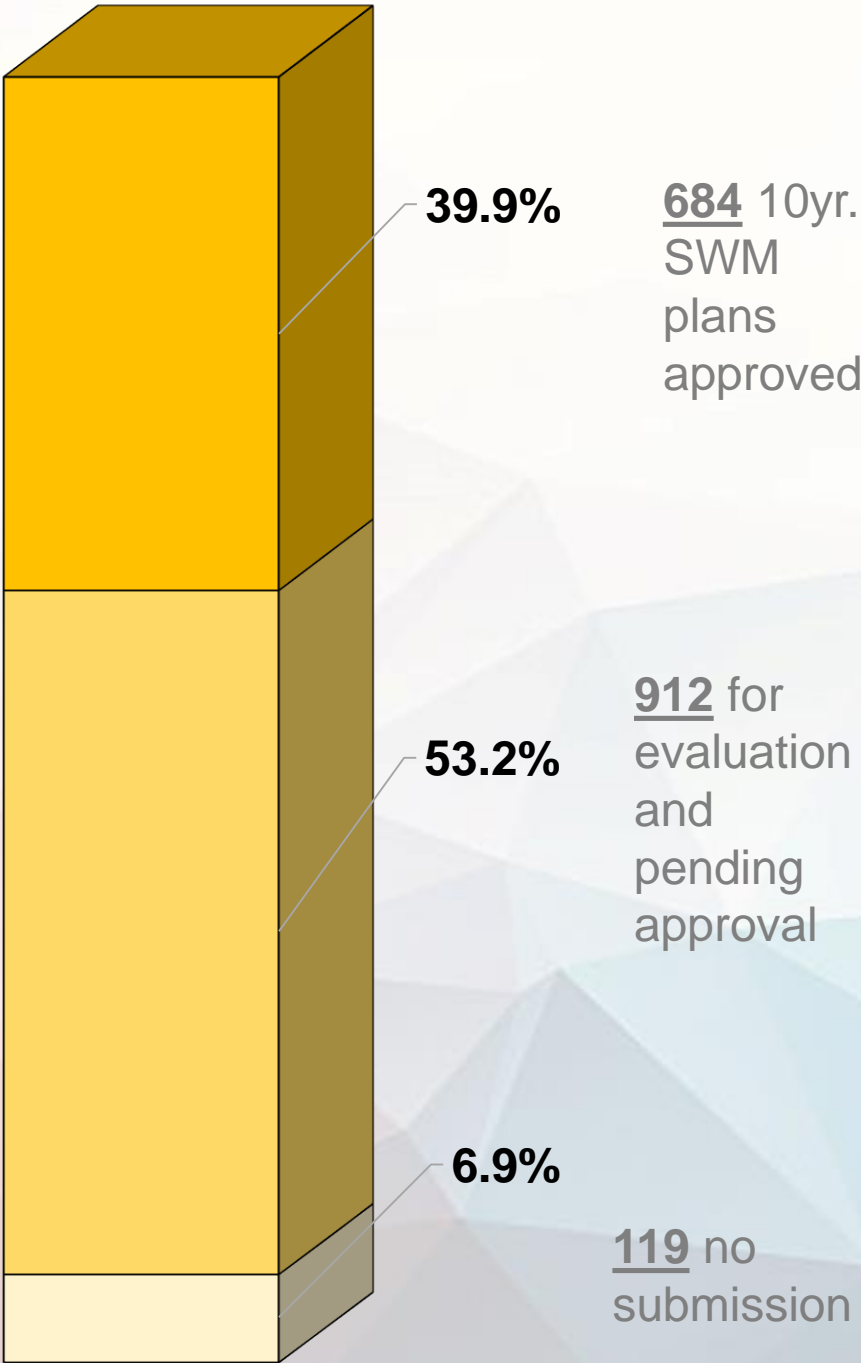


Review and Approval of the 10-year Solid Waste Management Plans of Local Government Units

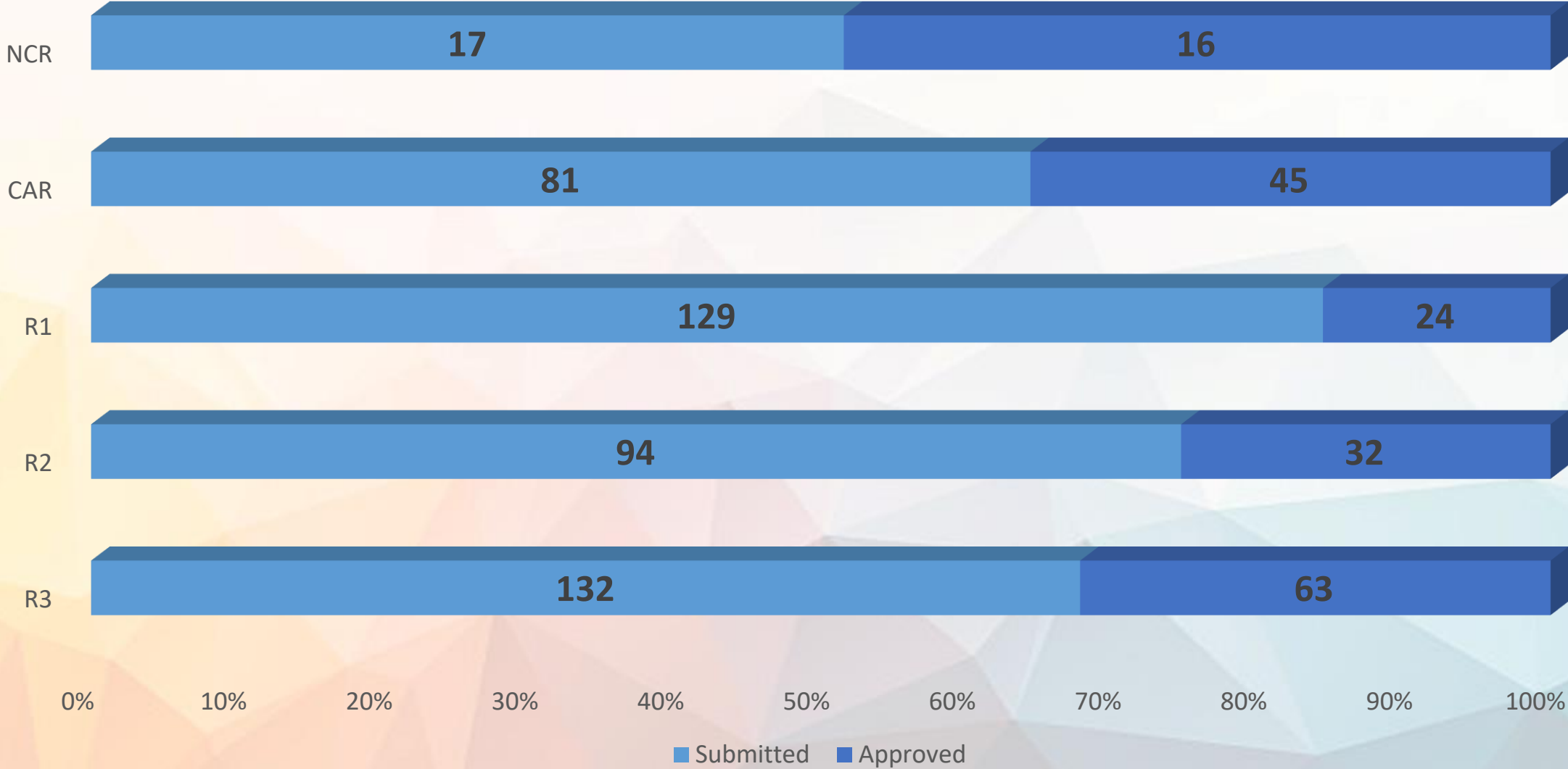
NSWMC Resolution No. 39 S. 2009



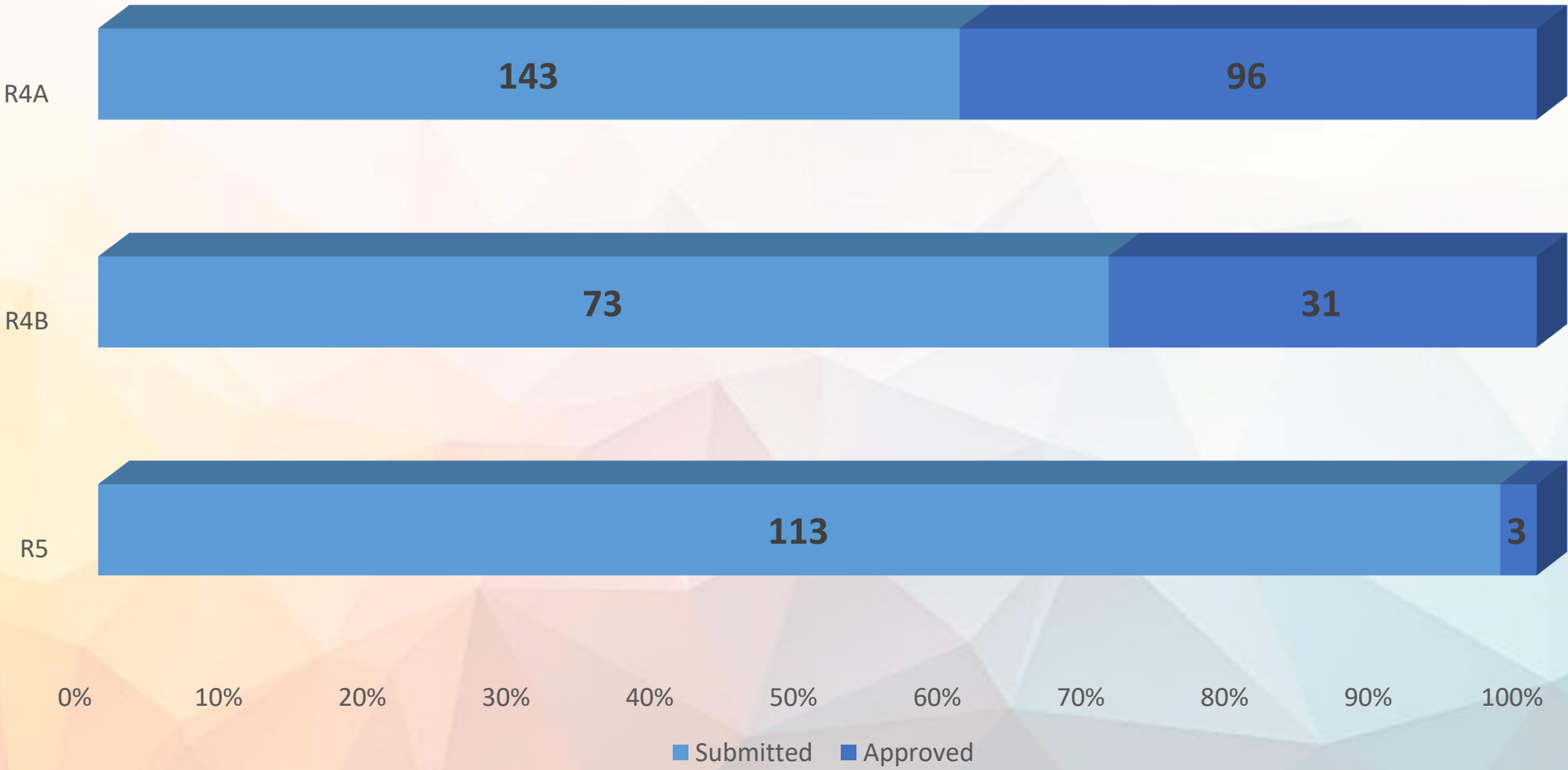
Status of Submission of Plans



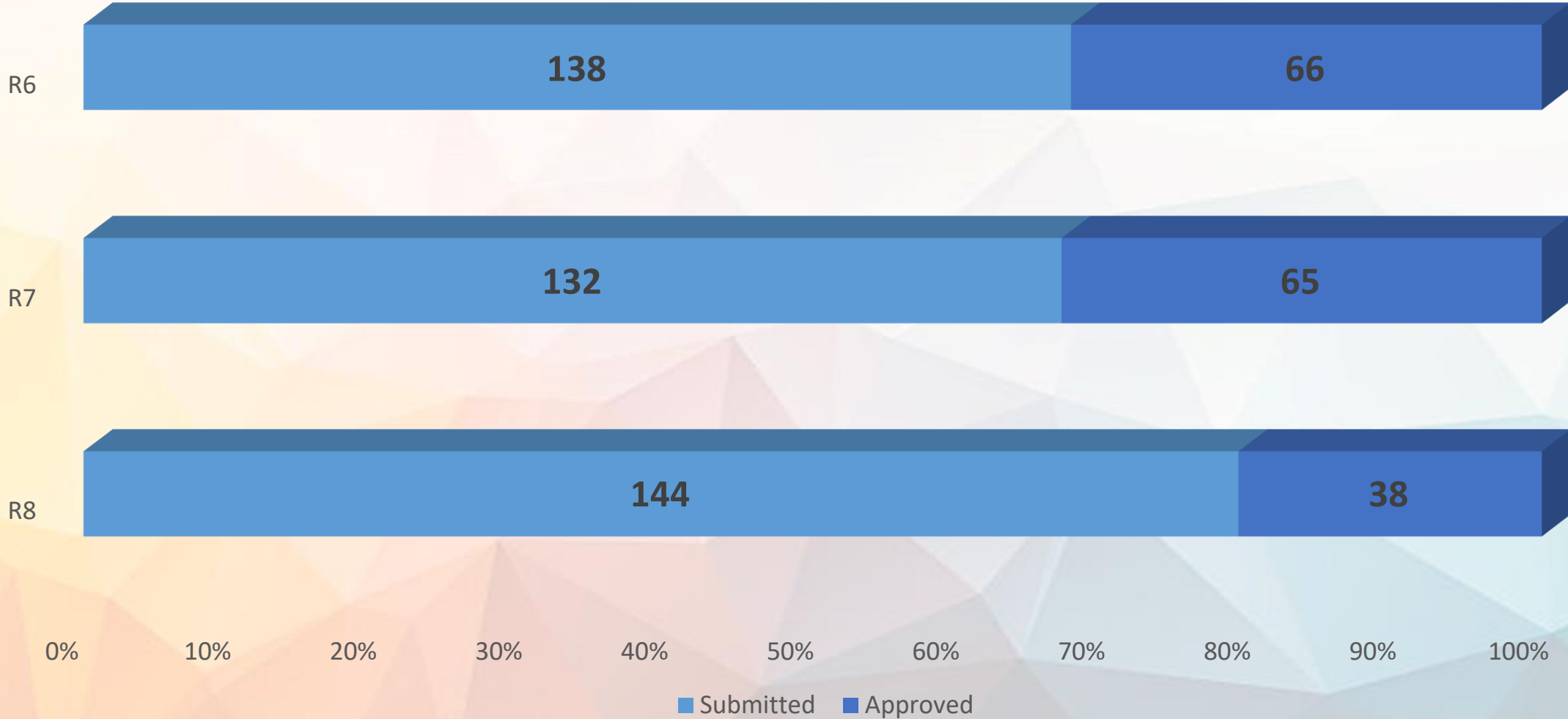
North and Central Luzon



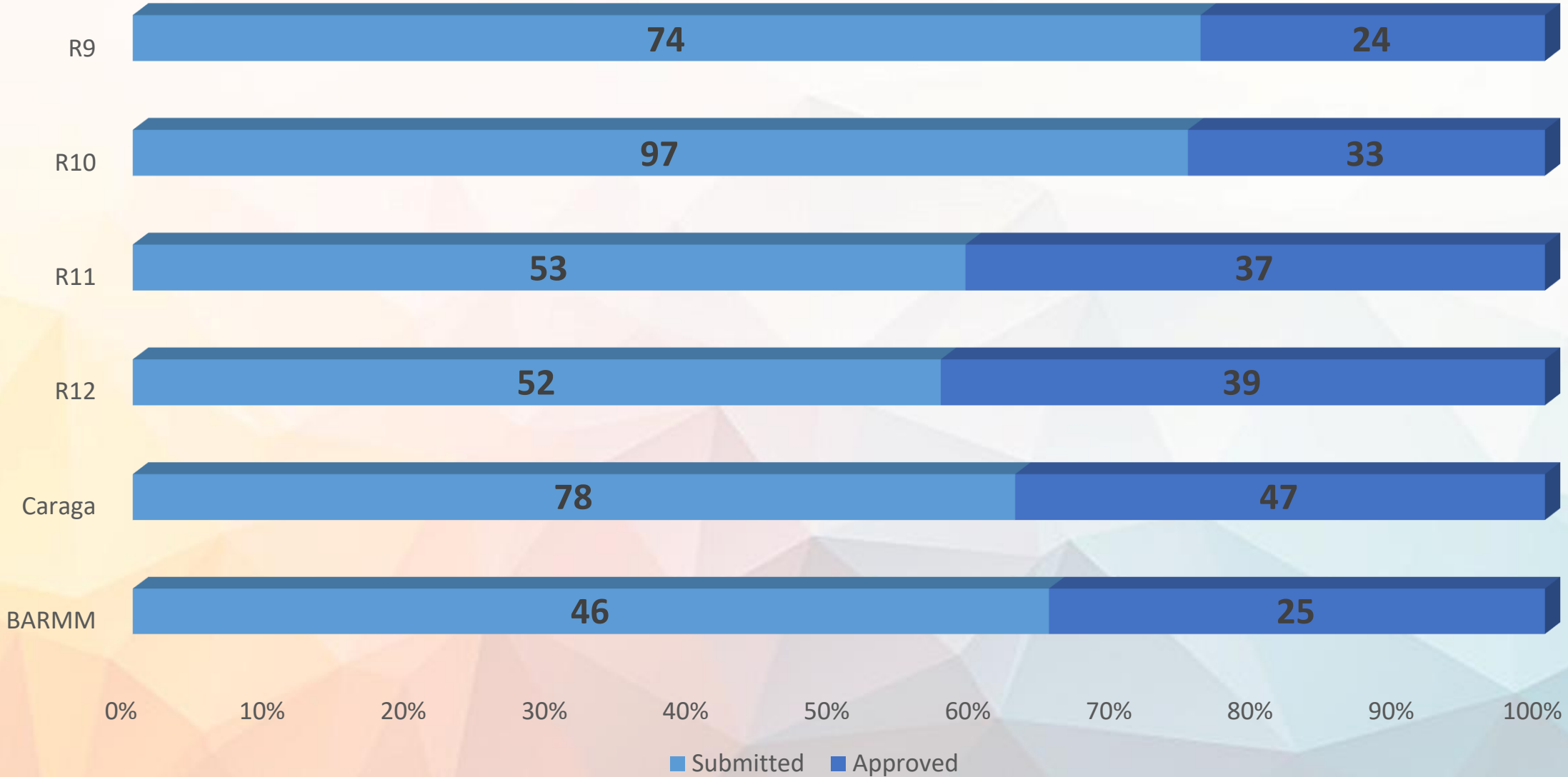
South Luzon



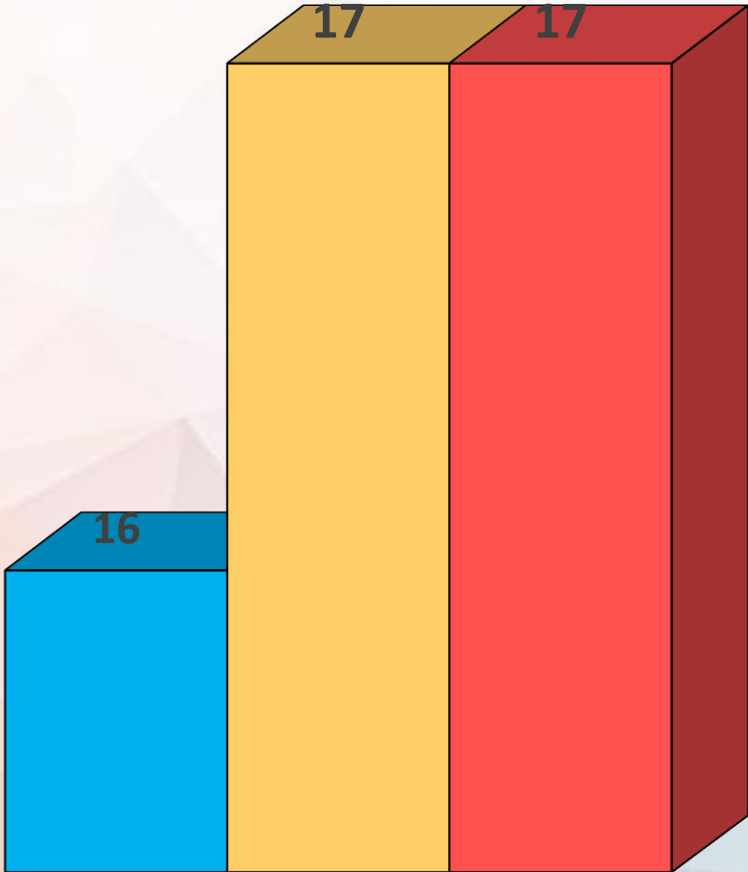
Visayas



Mindanao



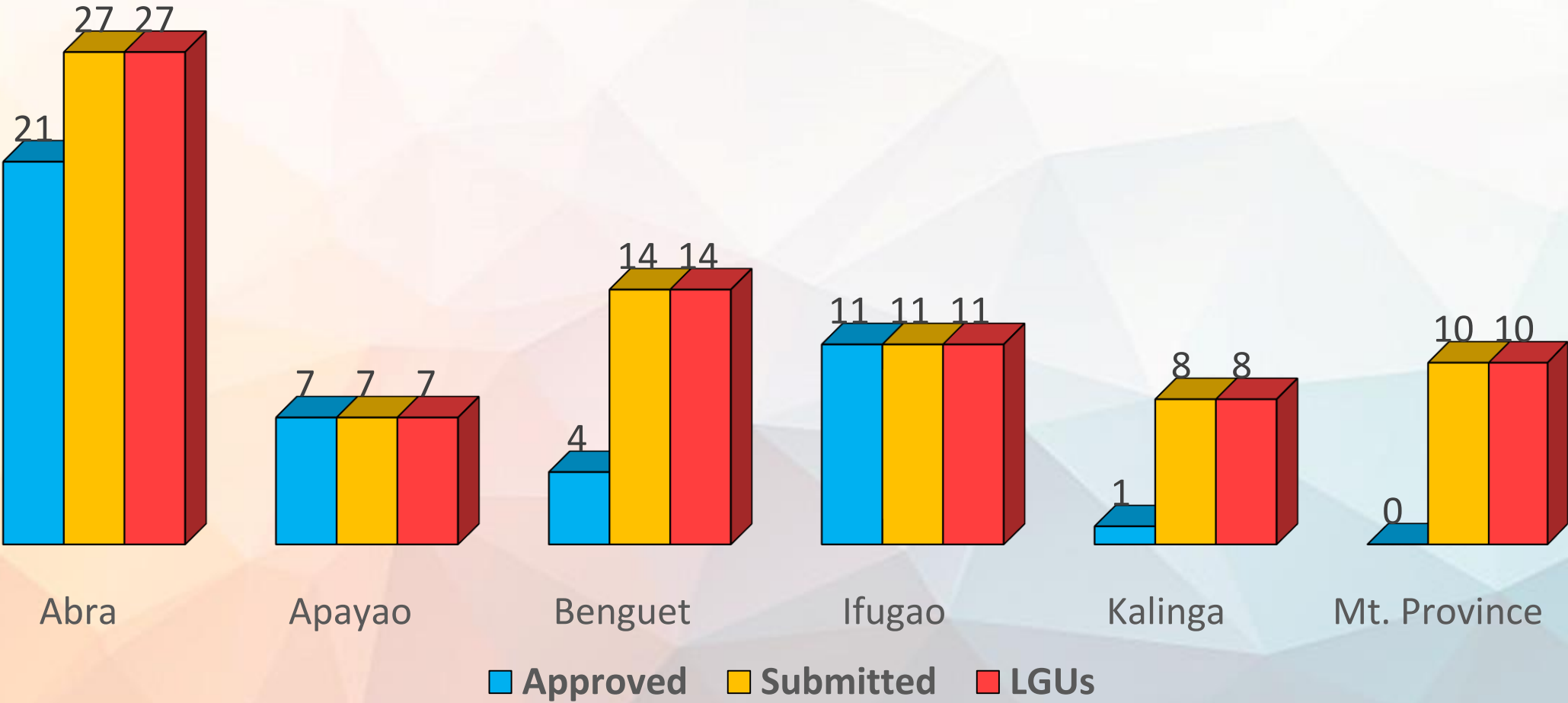
National Capital Region



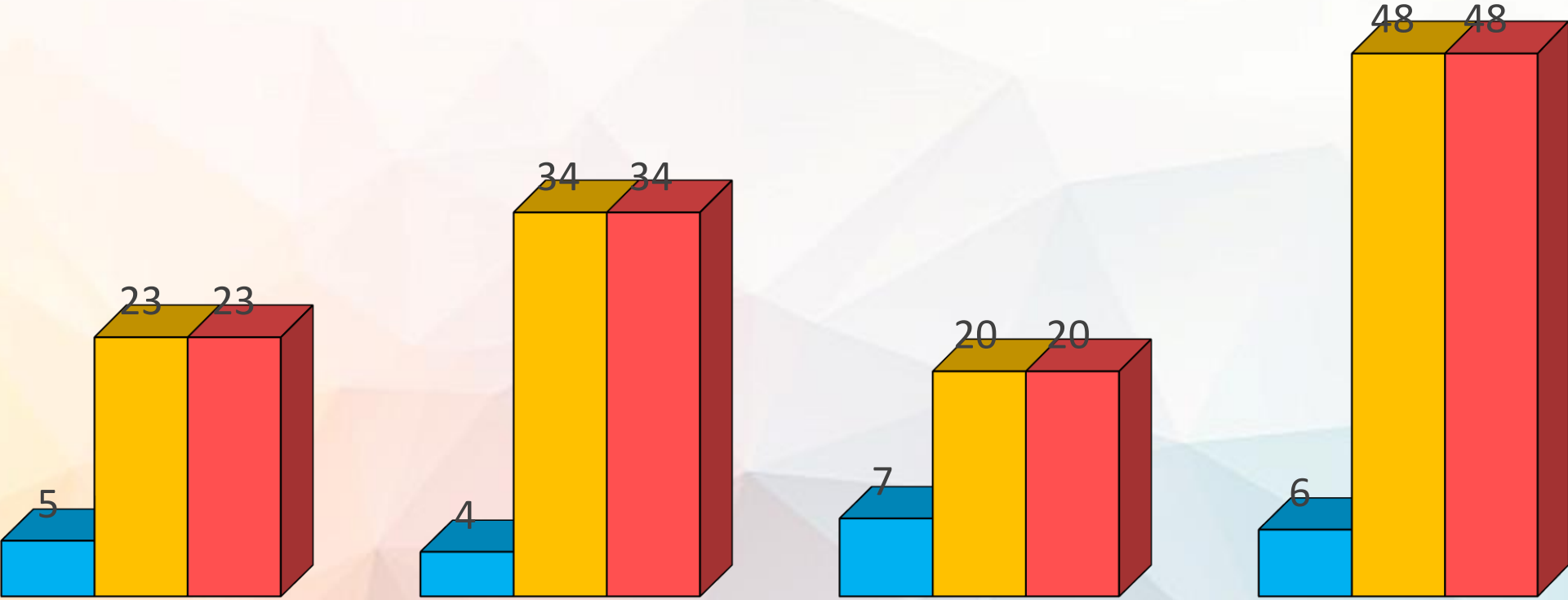
■ Approved ■ Submitted ■ LGUs



Cordillera Administrative Region



I – Ilocos Region



Ilocos Norte

Ilocos Sur

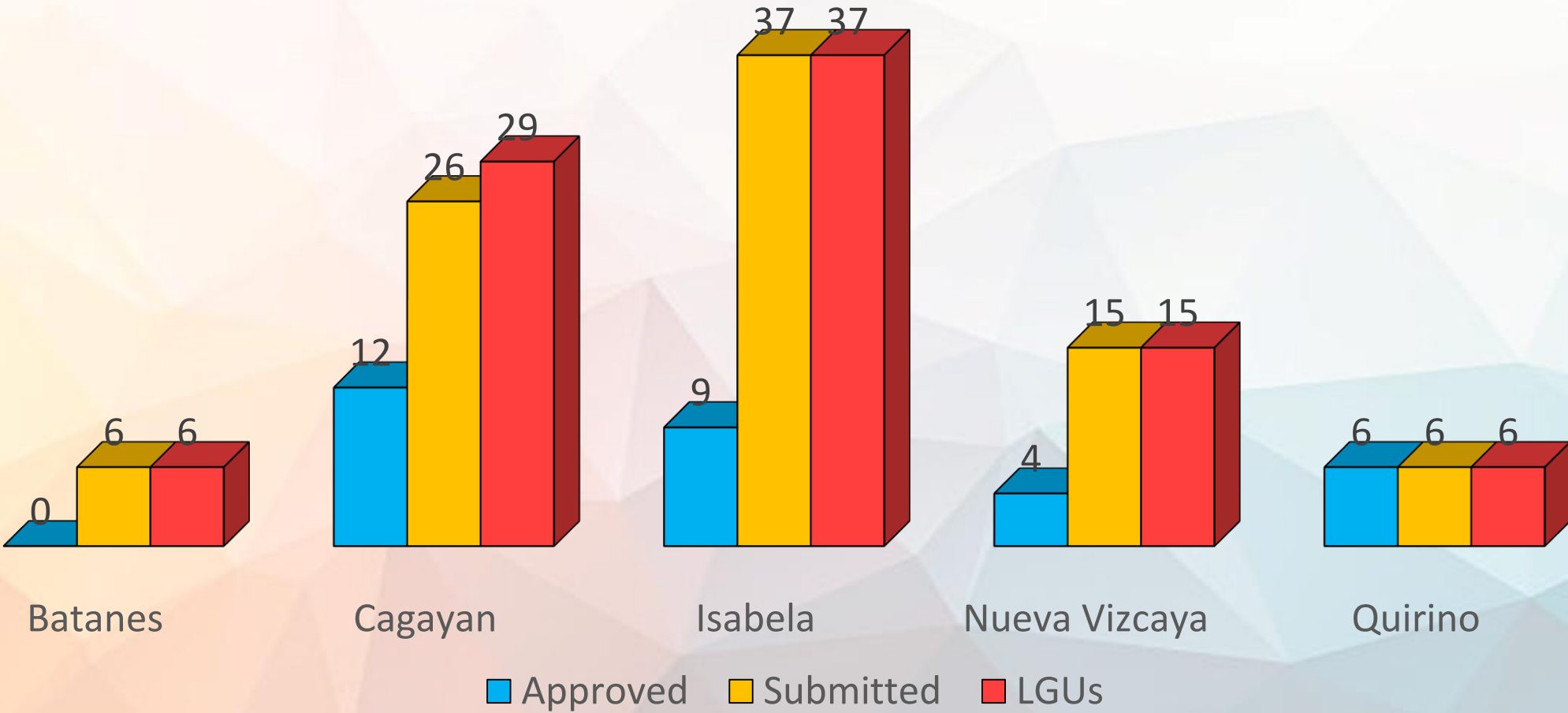
La Union

Pangasinan

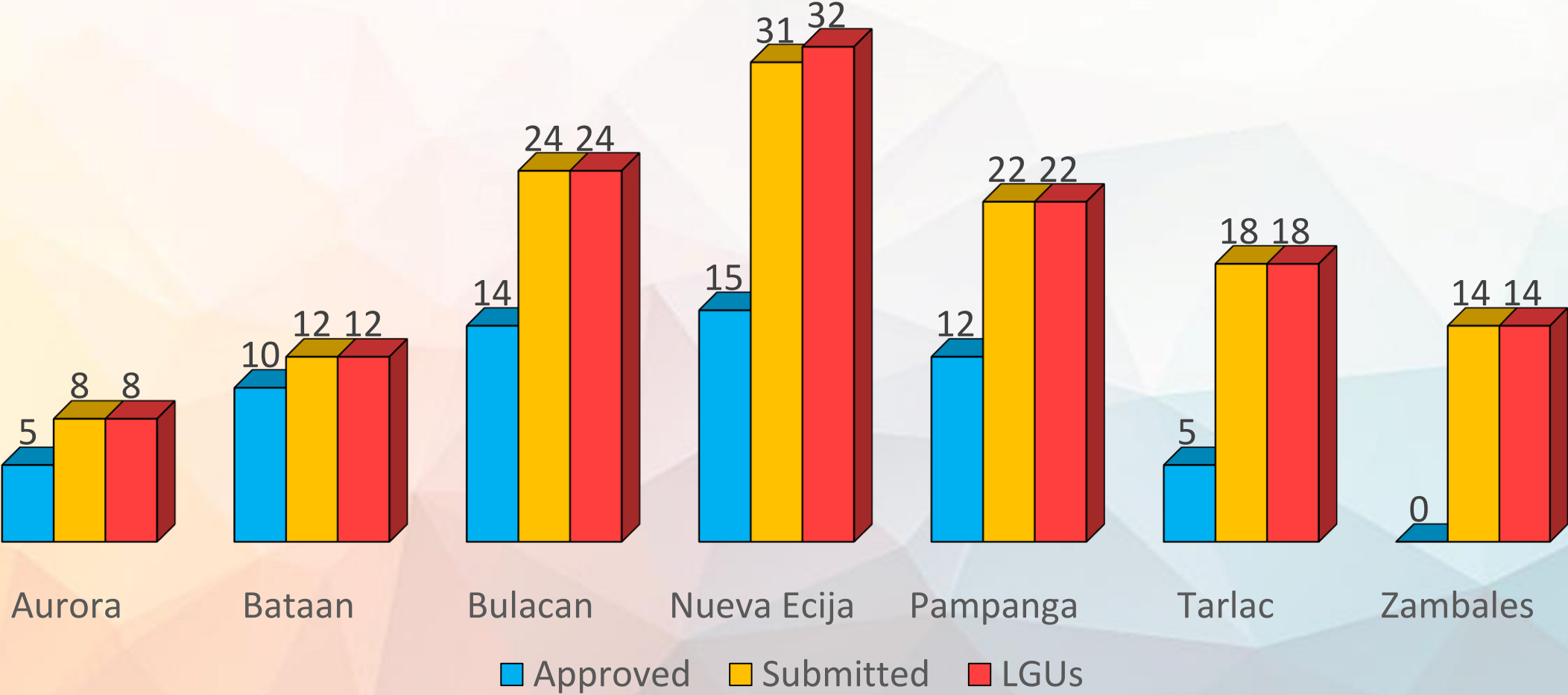
Approved Submitted LGUs



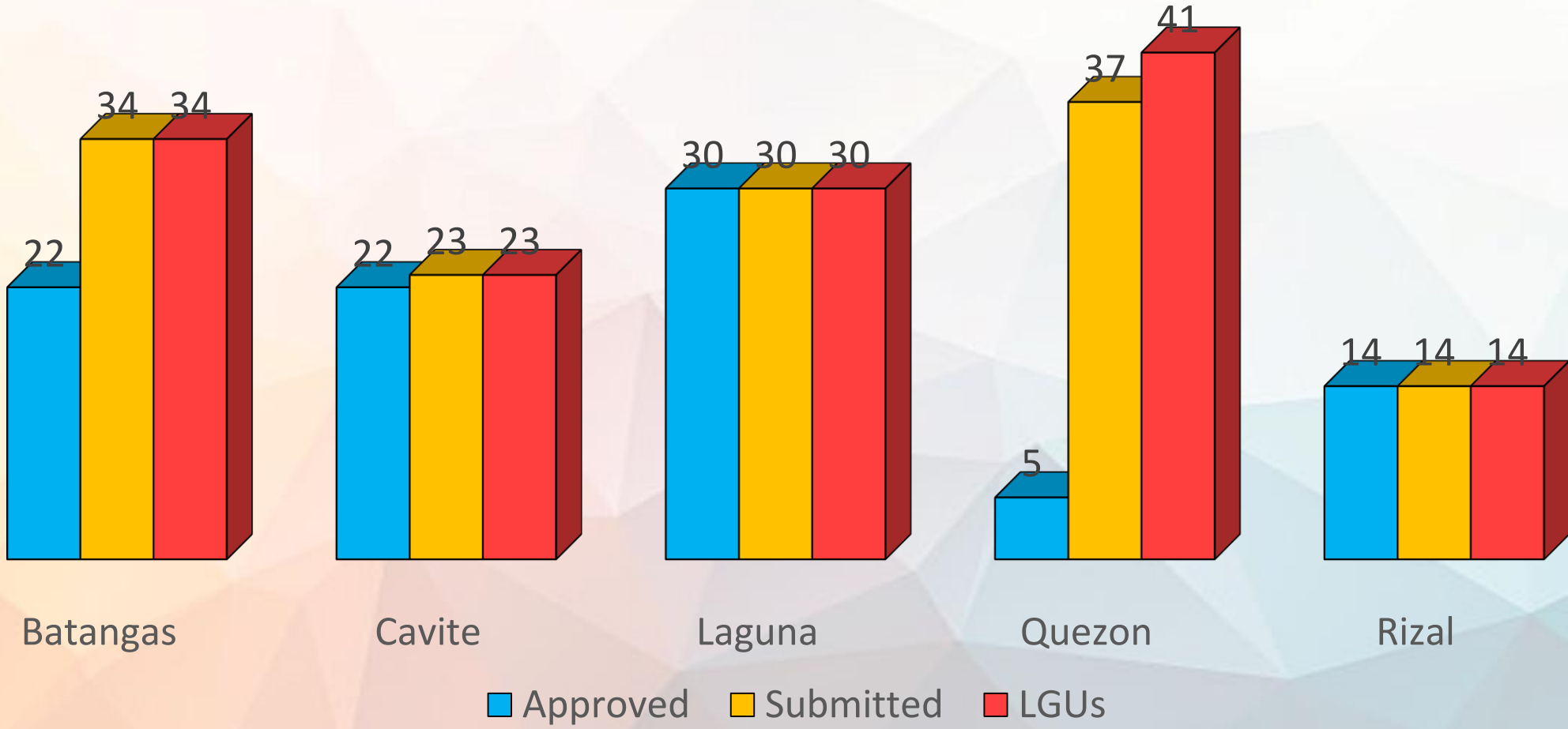
Region II – Cagayan Valley



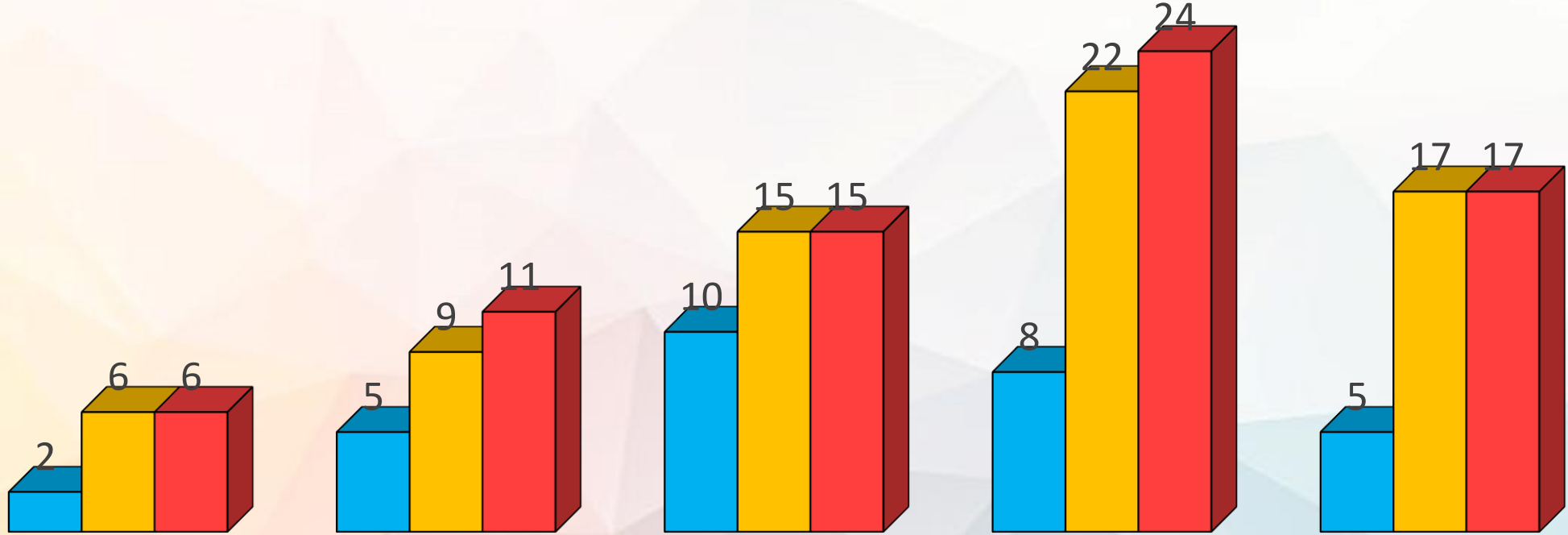
Region III – Central Luzon



Region IV-A (CALABARZON)



Region IV-B (MIMAROPA)



Marinduque

Occidental Mindoro

Oriental Mindoro

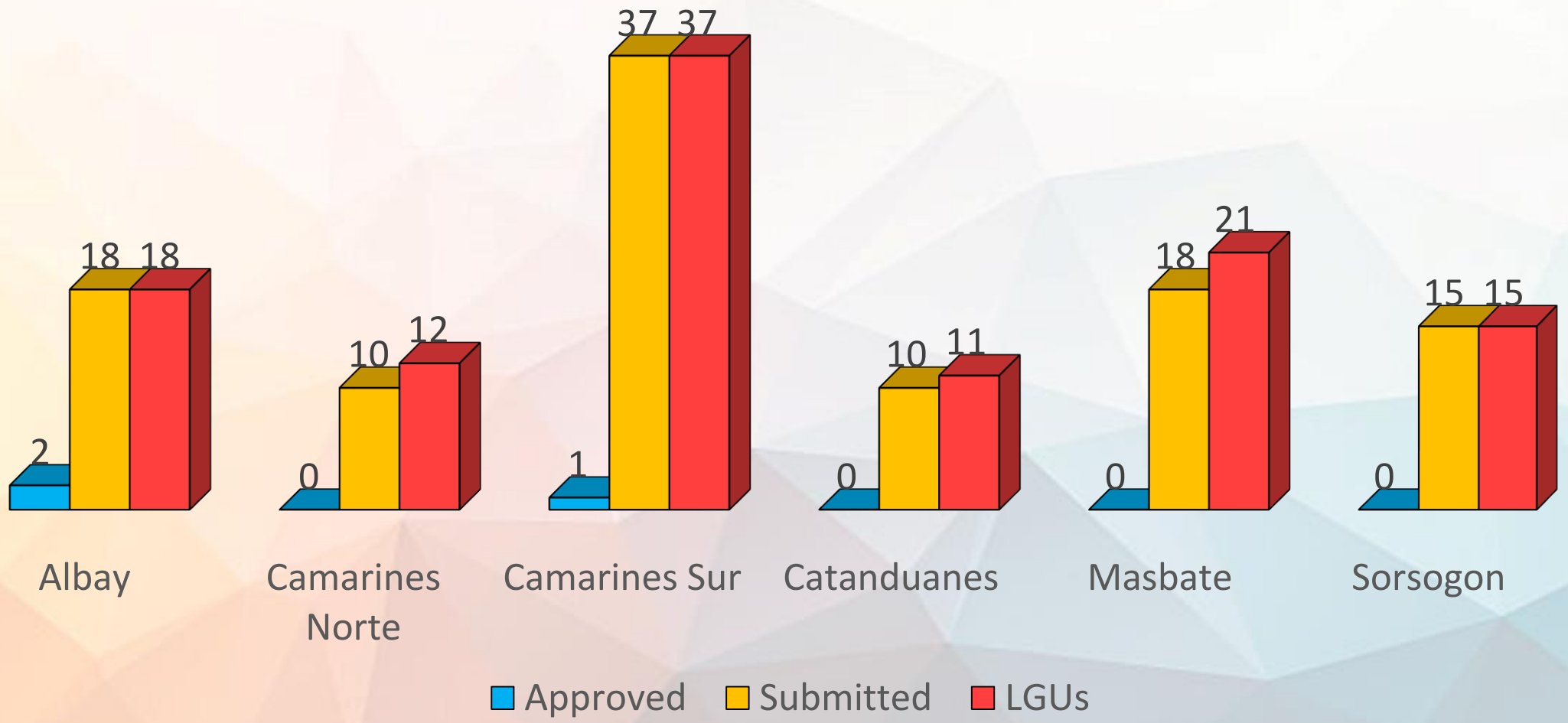
Palawan

Romblon

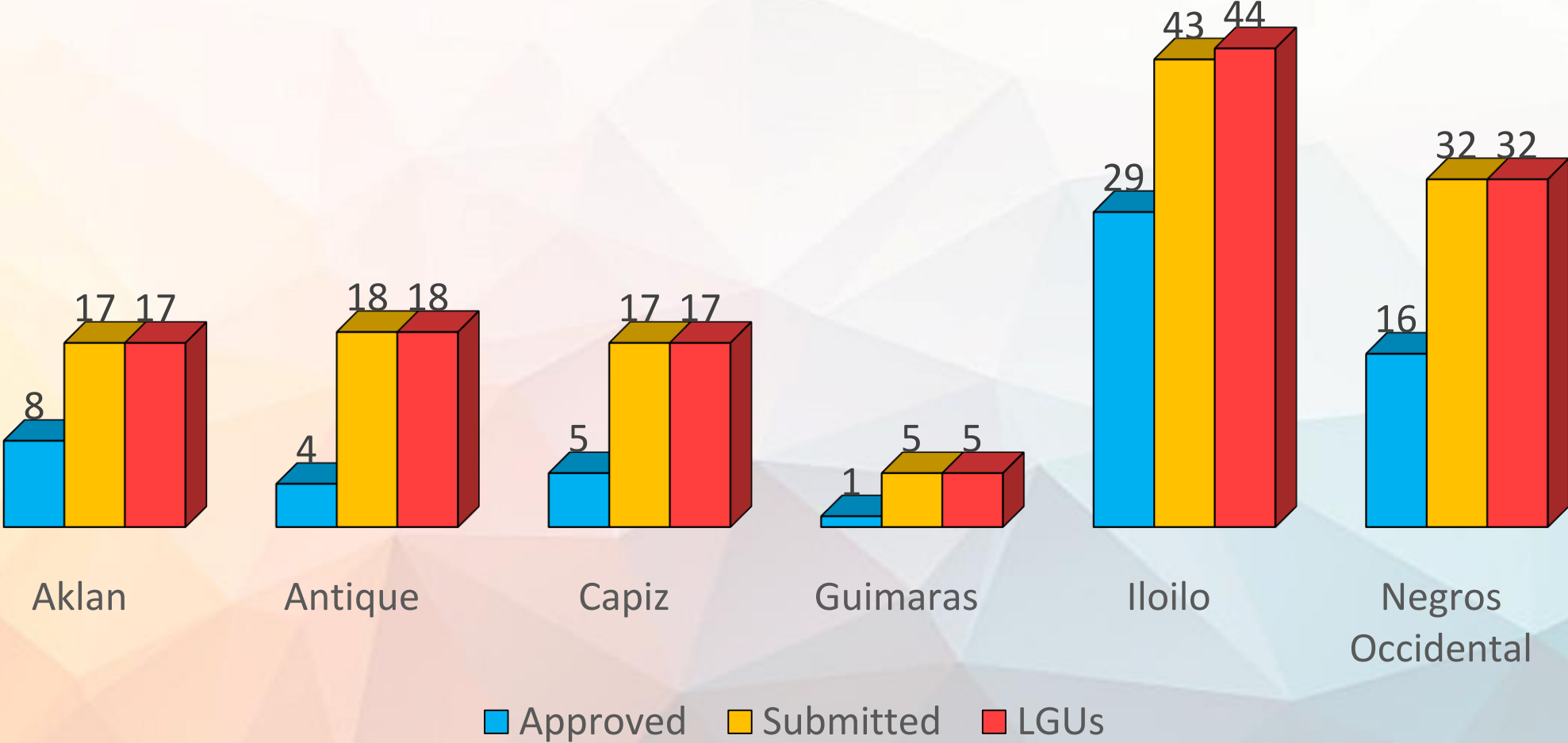
Approved Submitted LGUs



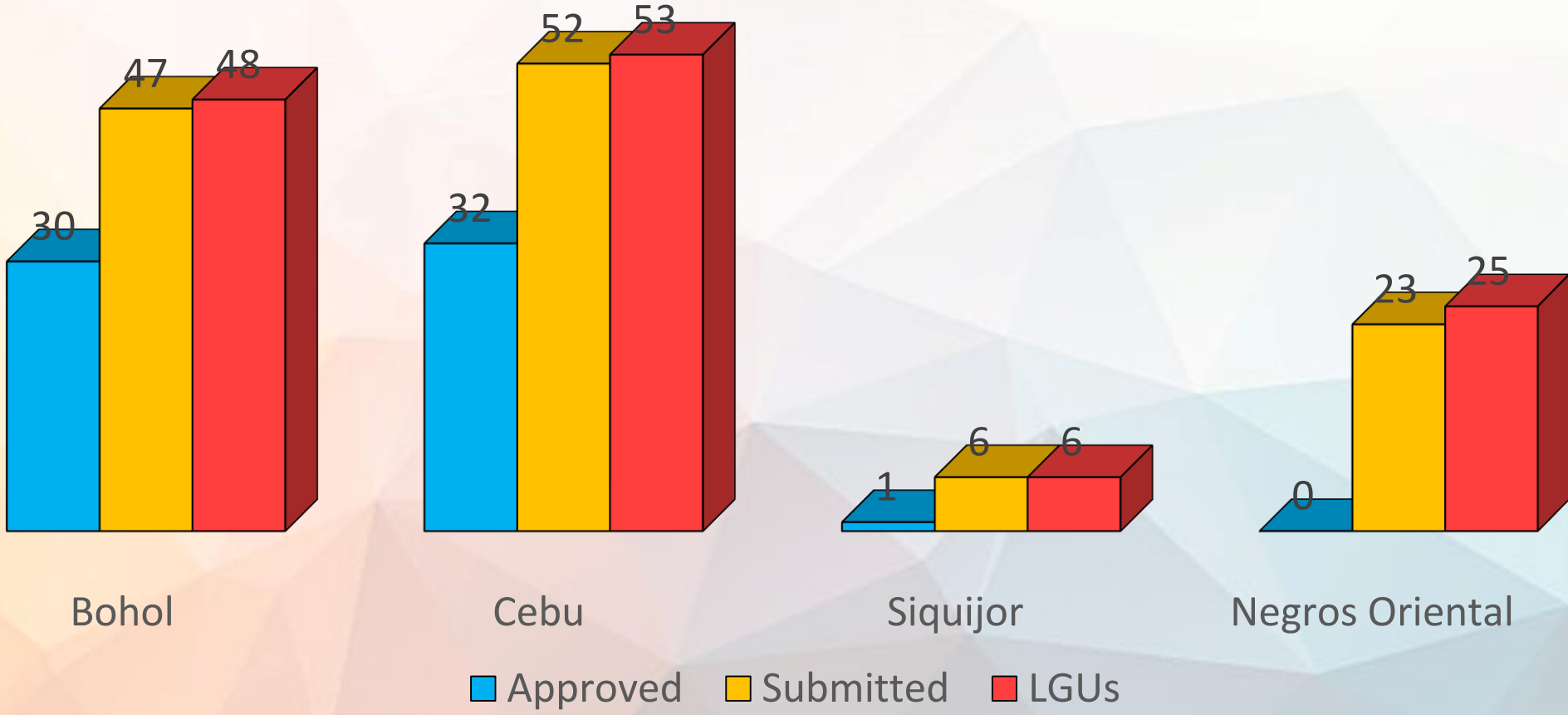
V – Bicol Region



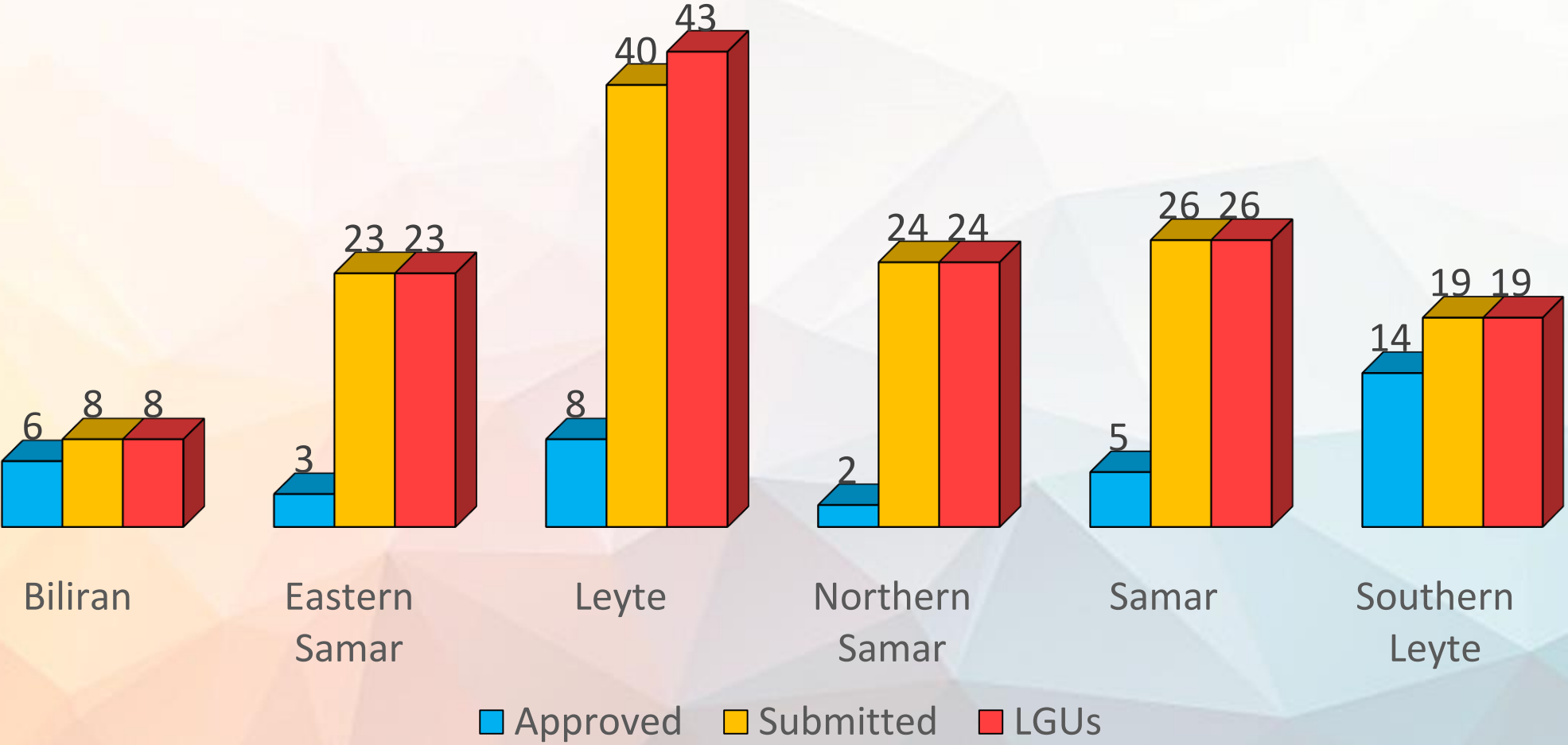
Region VI – Western Visayas



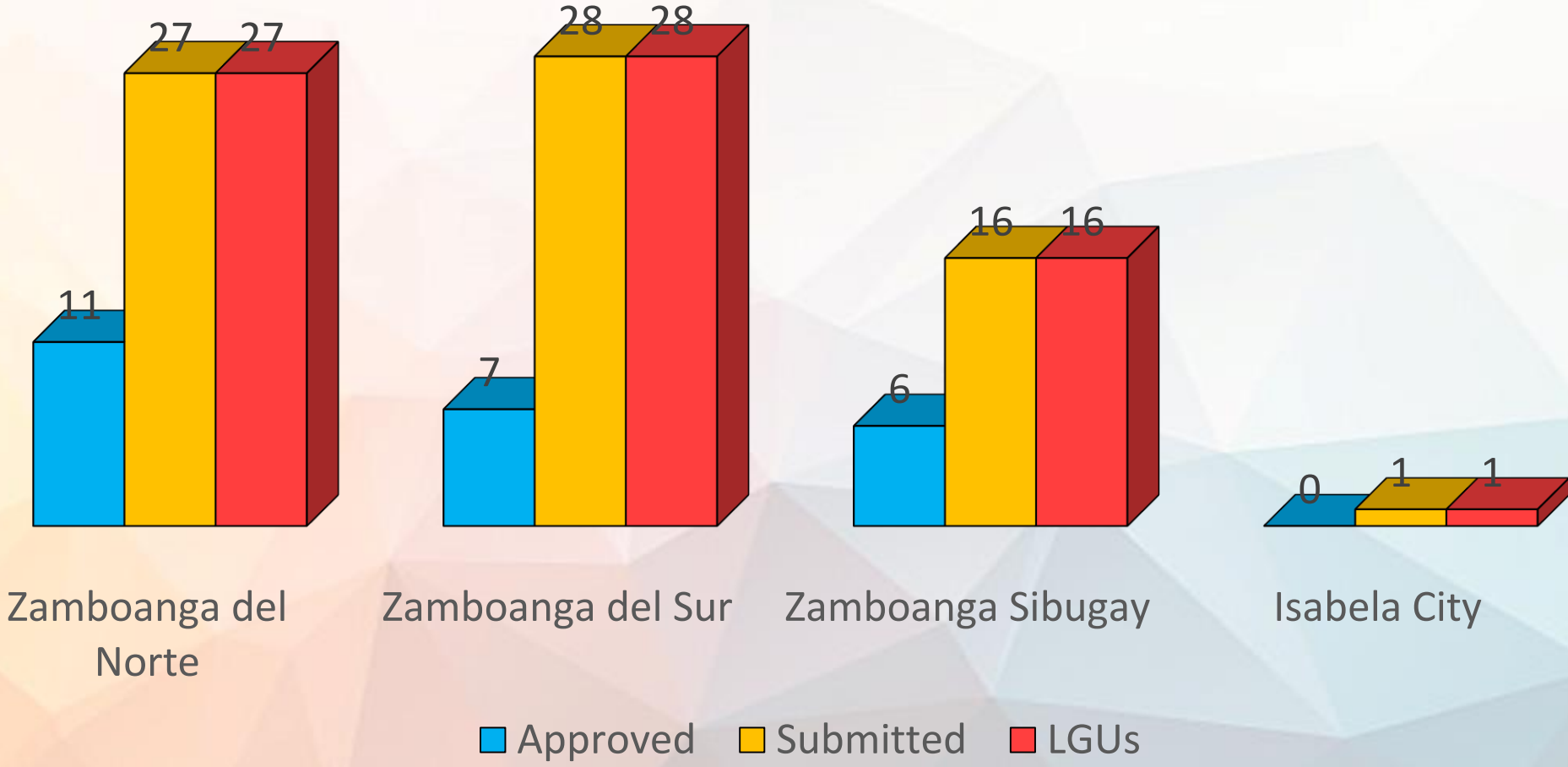
Region VII – Central Visayas



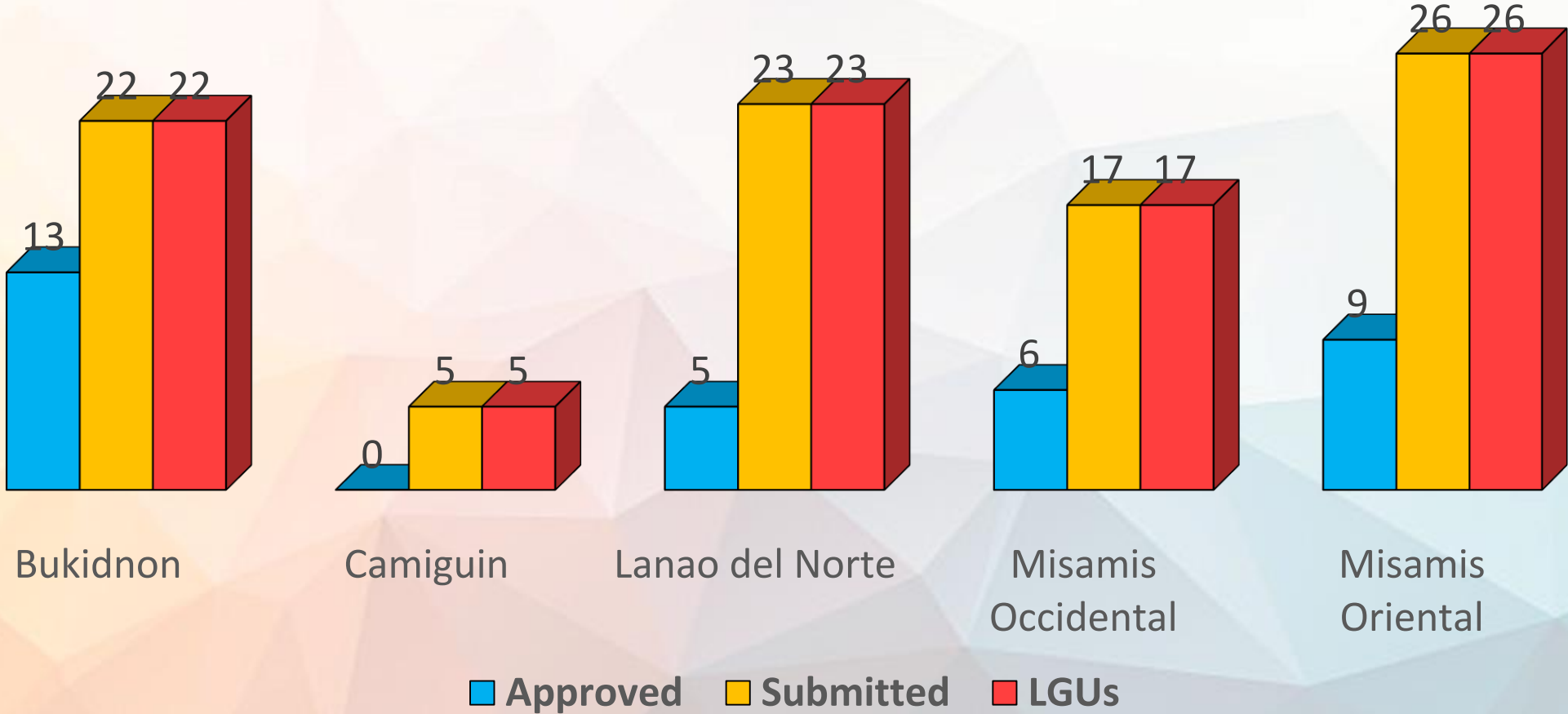
Region VIII – Eastern Visayas



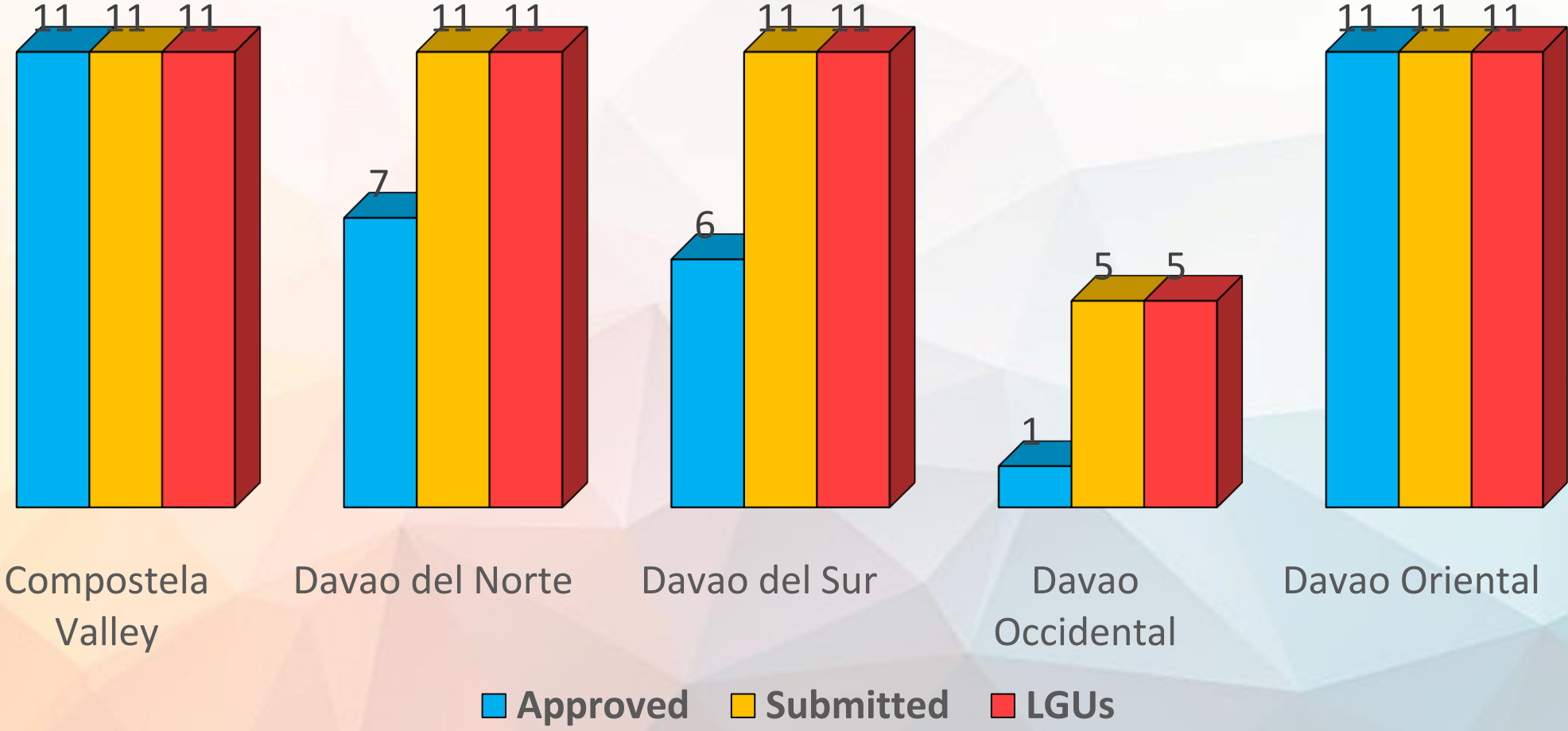
Region IX – Zamboanga Peninsula



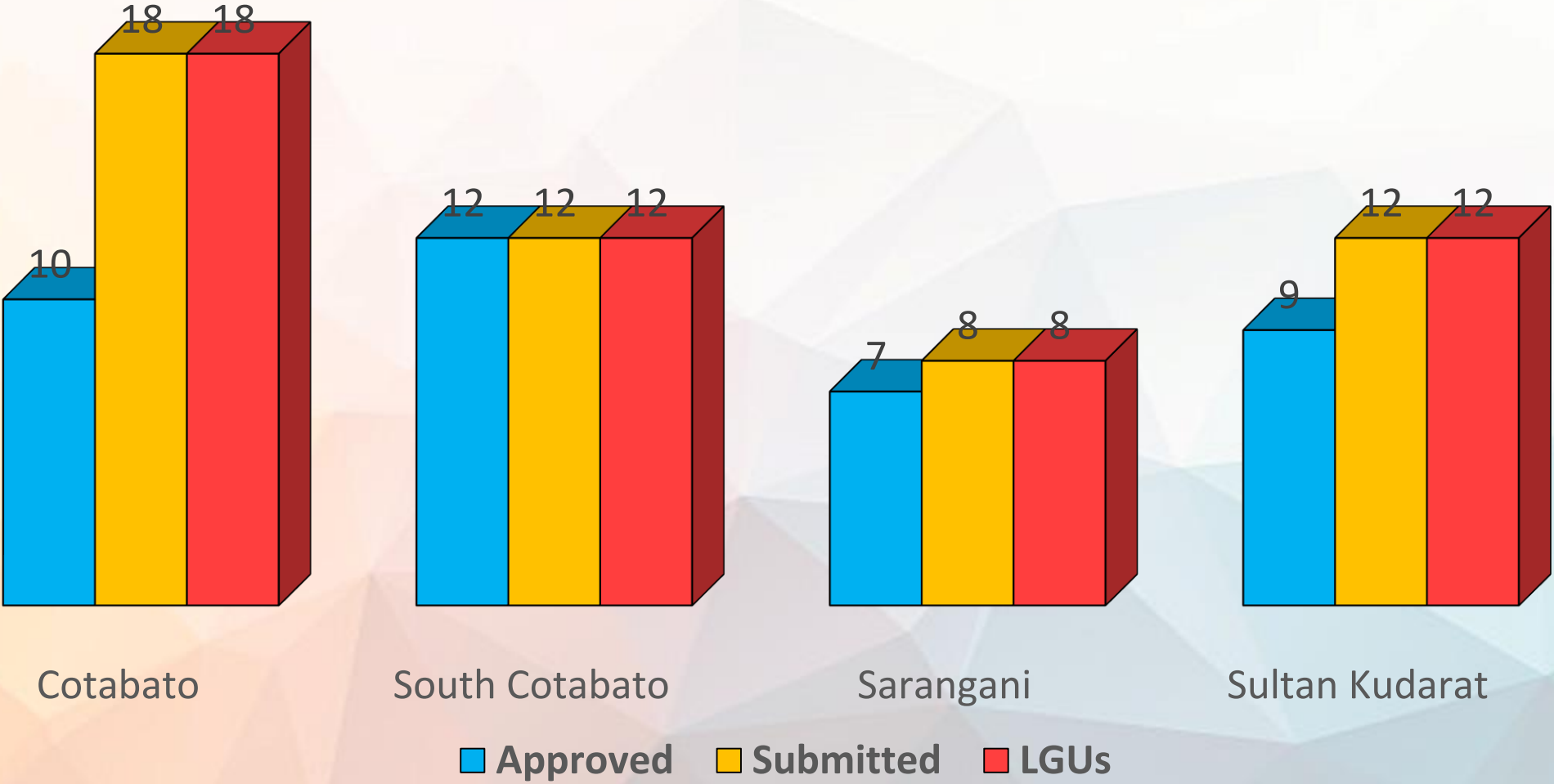
Region X – Northern Mindanao



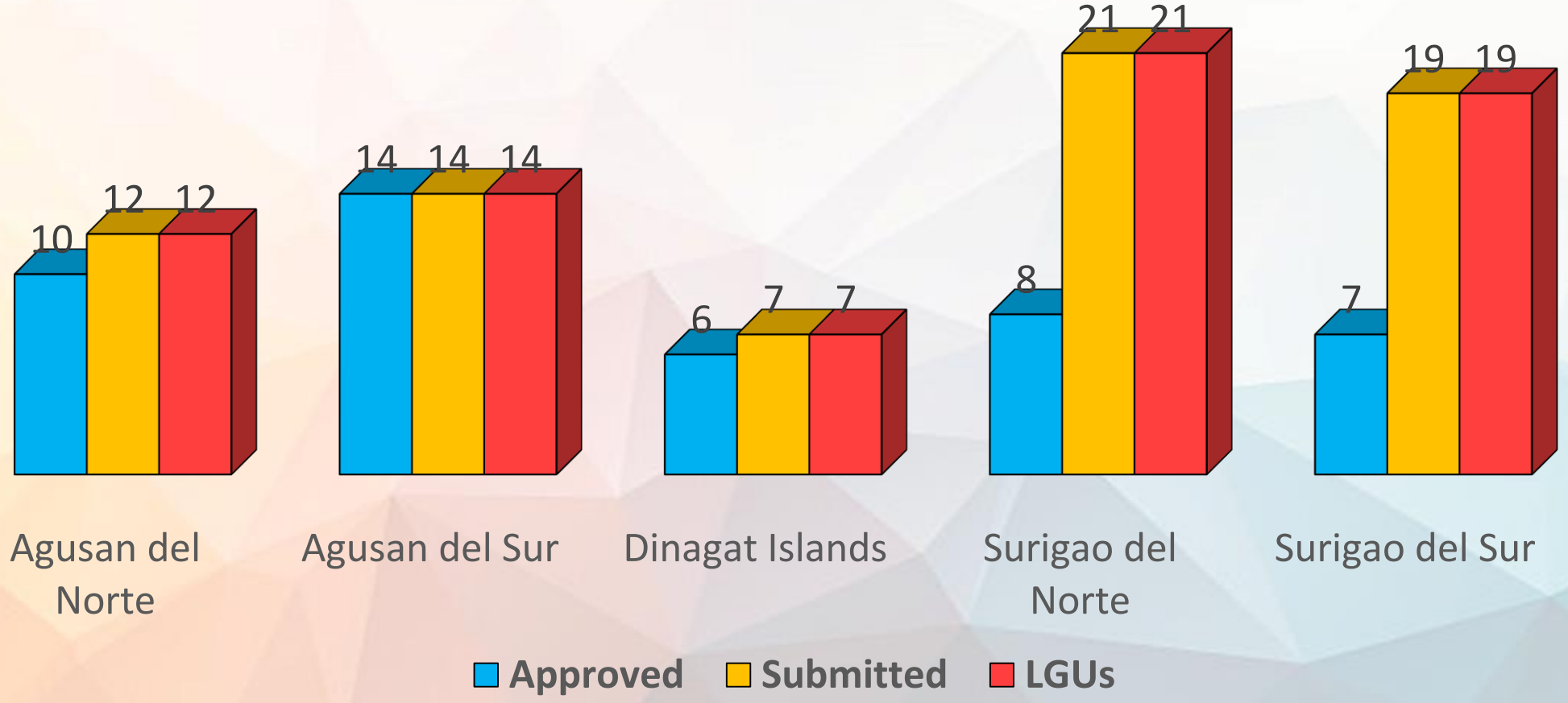
XI – Davao Region



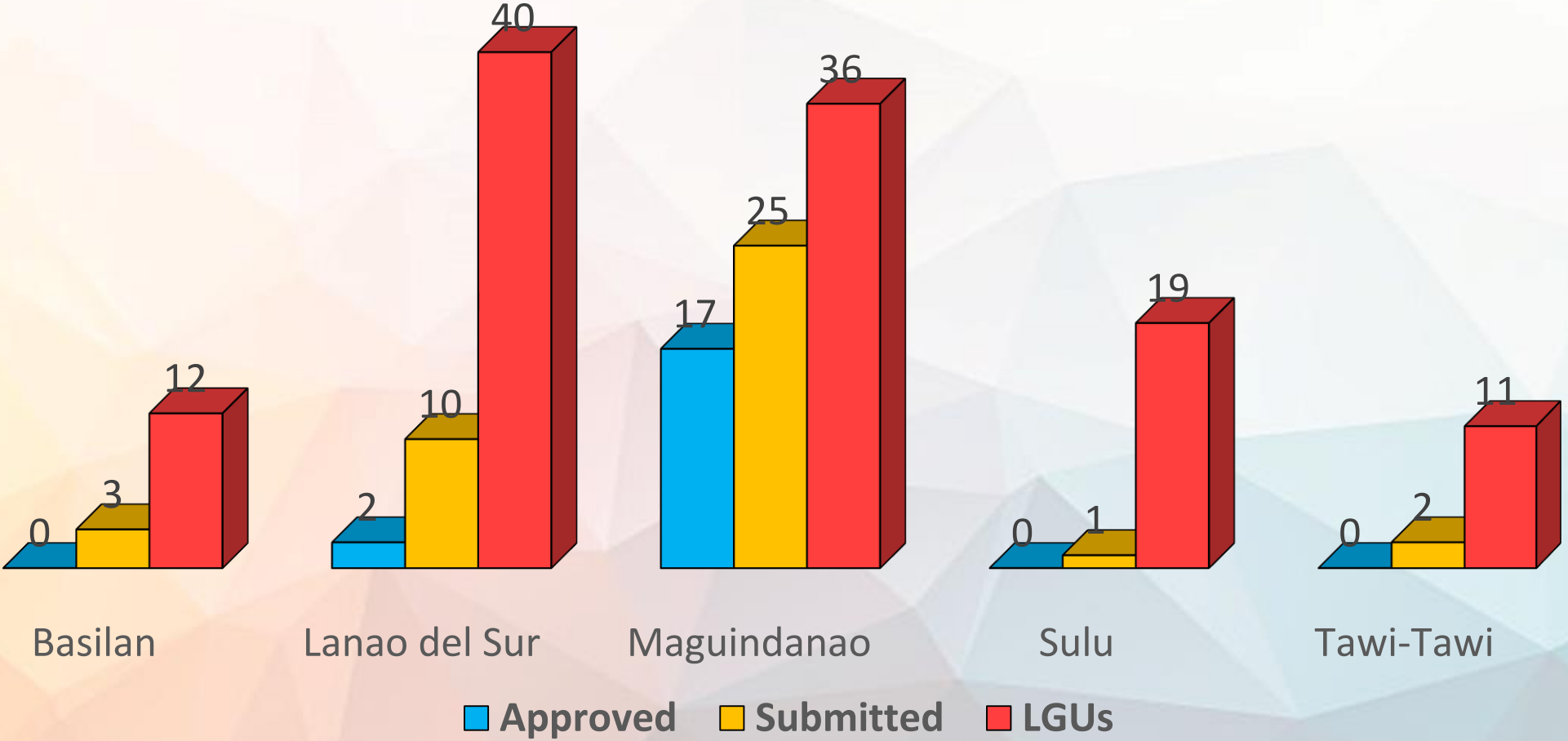
Region XII (SOCCSKSARGEN)



Region XIII – Caraga



Bangsamoro Autonomous Region in Muslim Mindanao



Way Forward

- SWM Plans shall be updated yearly
- Implementation of SWM Plans shall be subjected to the monitoring of the NSWMC
- Non compliant LGUs shall be dealt with accordingly.

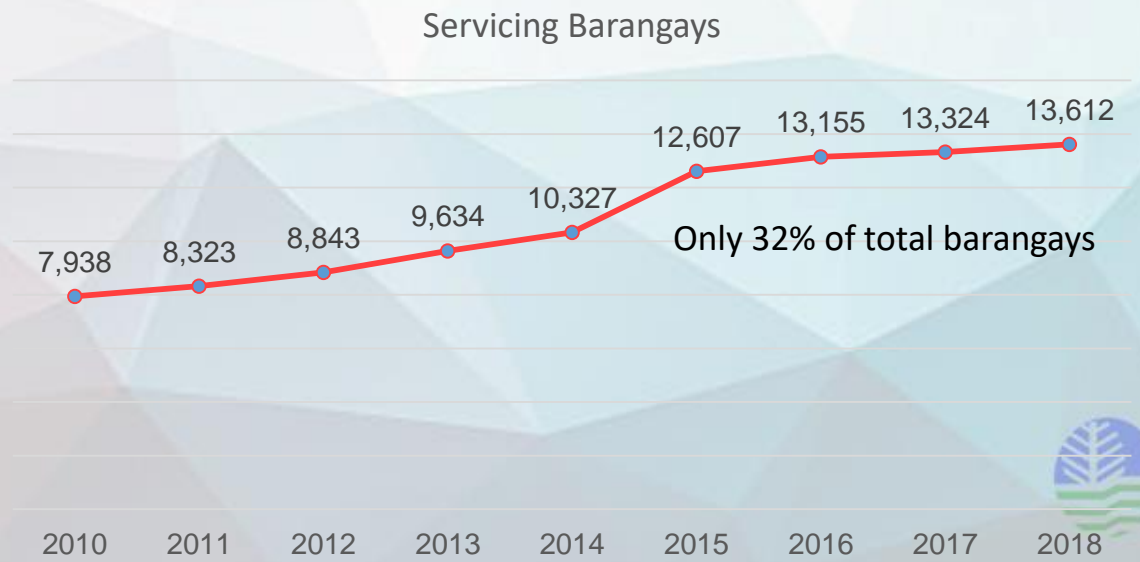


Other Updates: Materials Recovery Facility



Section 32. Establishment of LGU Materials Recovery Facility

- The facility shall be established in a barangay-owned or leased land or any suitable open space to be determined by the barangay through its Sanggunian.
- The barangay or cluster of barangays shall allocate a certain parcel of land for the MRF.
- The MRF shall receive mixed waste for final sorting, segregation, composting, and recycling.
- The resulting residual wastes shall be transferred to a long-term storage or disposal facility or sanitary landfill.



Other Updates: Disposal Facility

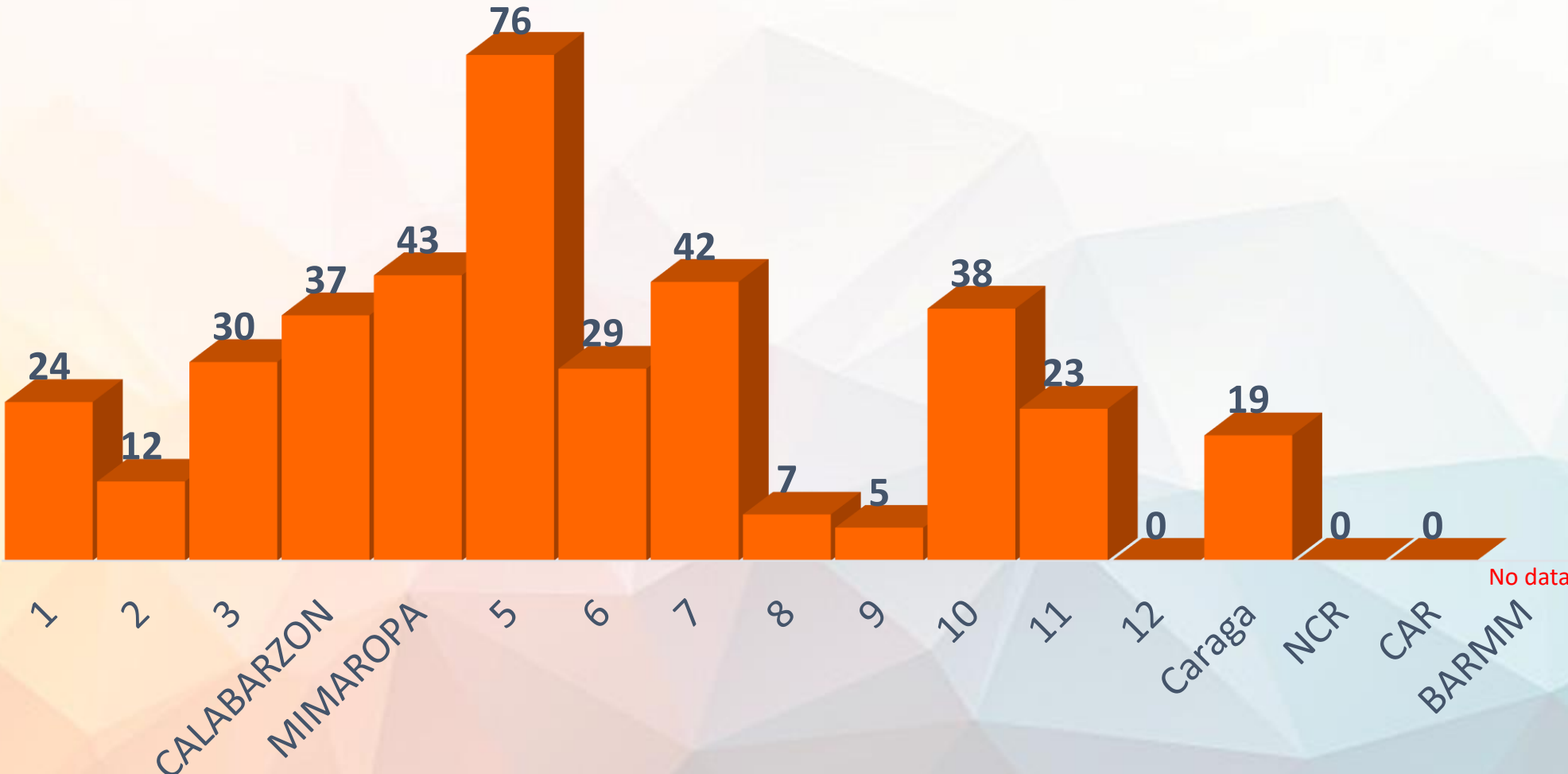


Management of Residuals and Final Disposal Sites

- Closure and rehabilitation of all open and controlled dumpsites (Section 37)
- Establishment of a Categorized Sanitary Landfill and or use of alternative technology management of residual wastes



Illegal Dumpsites



Sanitary Landfills



Key information on SLFs in the Philippines

Parameter	Year							
	2010	2013	2014	2015	2016	2017	2018	April 2019
Population of the Philippines	92,337,852	98,449,090	100,420,642	101,716,359	103,320,222	104,918,090	106,512,074	
Number of operating SLFs	33	72	86	101	118	135	165	179
Number of LGUs with access to SLFs	78	130	154	228	248	293	353	398
Percent of LGUs with access to SLFs	4.77%	7.96%	9.42%	13.95%	15.17%	17.93%	21.78%	24.35%

Other Updates: Diversion Targets

- *Waste diversion shall refer to activities which reduce or eliminate the amount of solid wastes from waste disposal facilities;*

Section 20. Establishing Mandatory Solid Waste Diversion. -- Each LGU plan shall include an implementation schedule which shows that within five (5) years after the effectivity of this Act; the LGU shall divert at least 25% of all solid waste from waste disposal facilities through re-use, recycling, and composting activities and other resource recovery activities: Provided, That the waste diversion goals shall be increased every three (3) years thereafter



Diversion Targets

Philippine Development Plan (2011-2016)

By 2016, **50%** of the total waste generated should have been diverted

50% of 19.7M tons of waste

Diversion Target (2017)

Nationwide, 52% of 20M tons

Metro Manila, 55% of 3M tons

Thank you!

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