



**unesco**

Intergovernmental  
Oceanographic  
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Indian Ocean  
Tsunami Information  
Centre



United Nations  
ESCAP

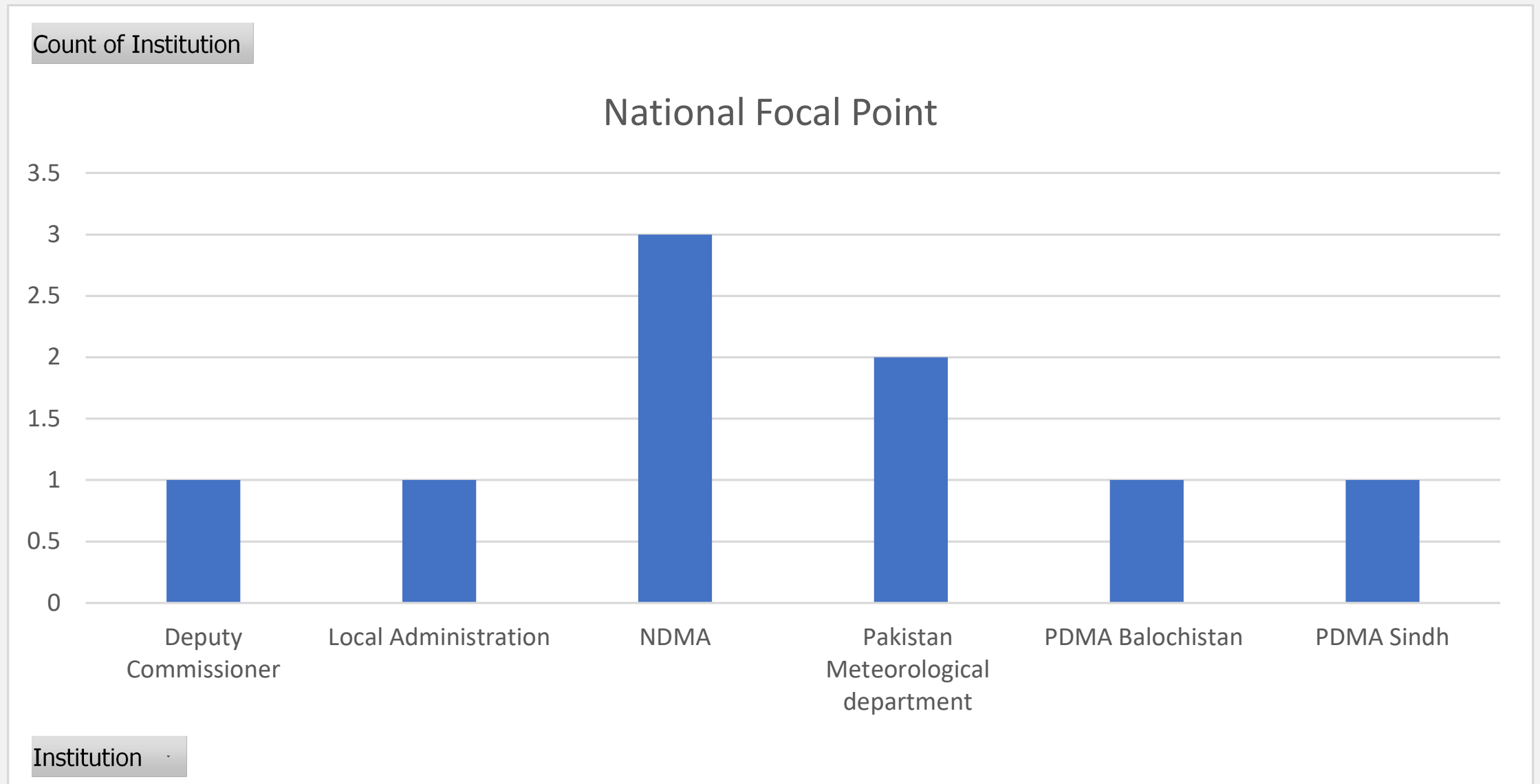
## UNESCAP TTF-29 Project / Phase 2

*Strengthening tsunami early warning in the North-West Indian Ocean region through regional cooperation*

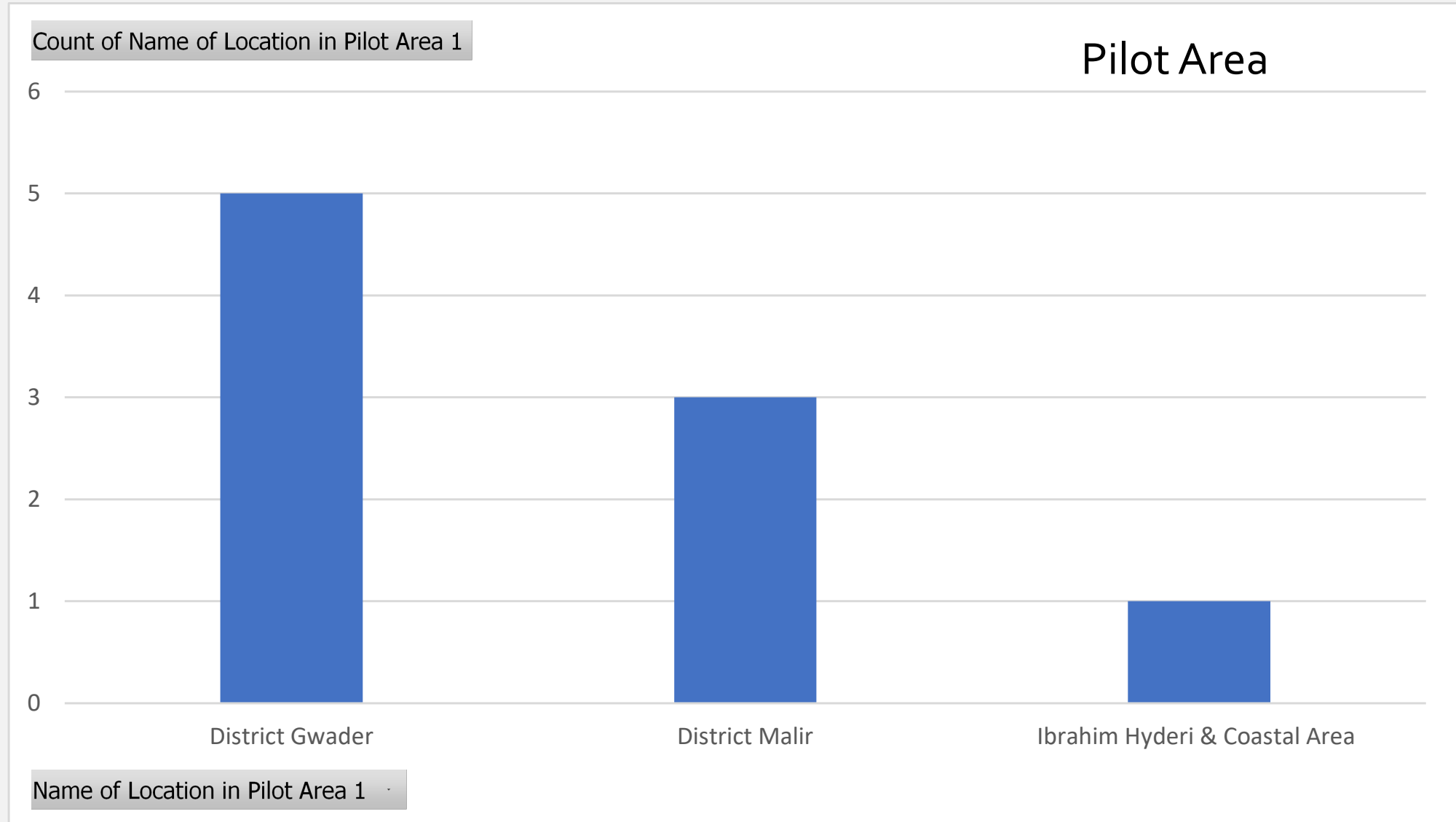
# Gap and Capacity Analysis on Evacuation Planning in the NWIO Region

## Summary of Responses to Questionnaire

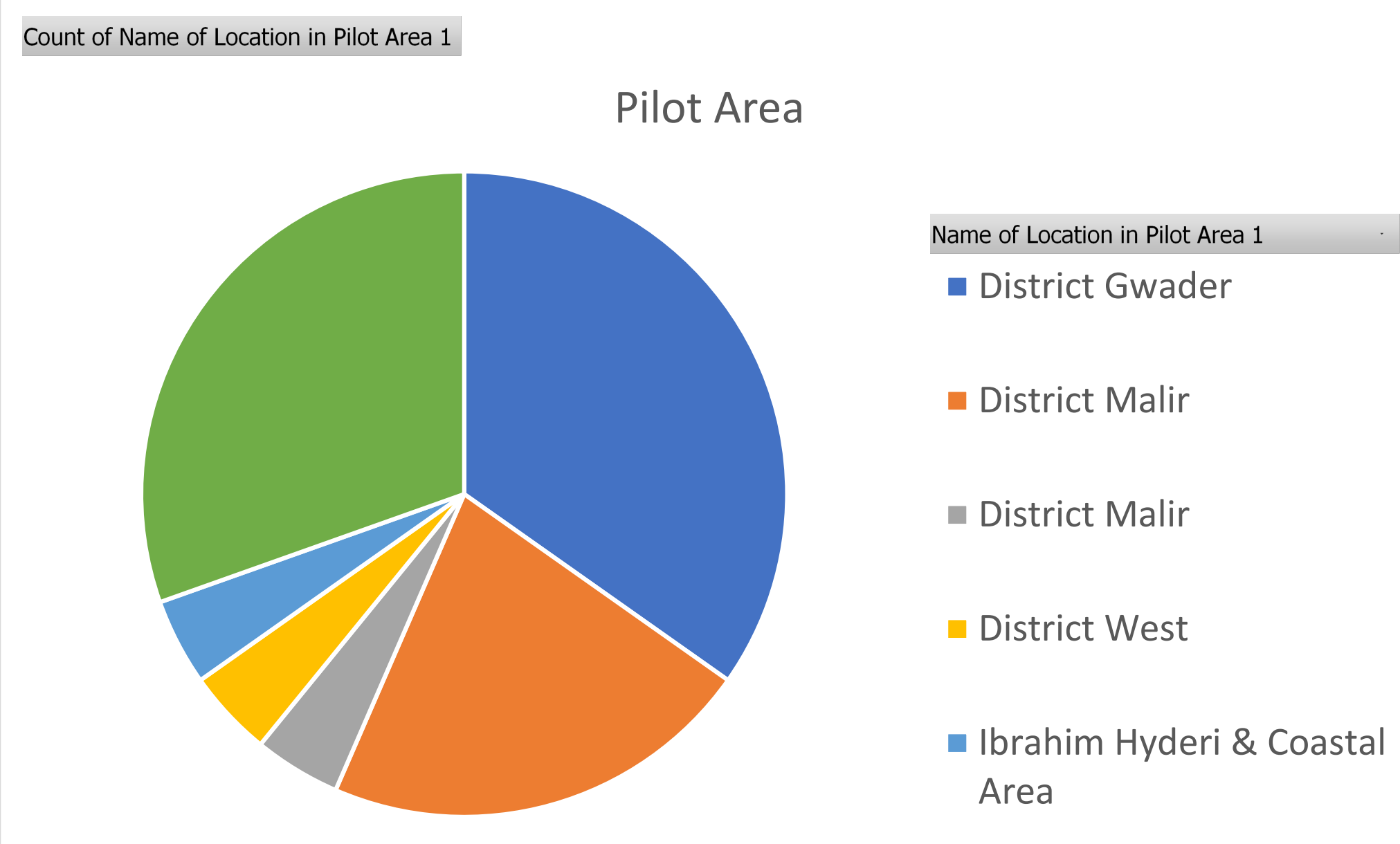
# National focal point for tsunami evacuation planning in the TTF-29 project



# Designated Community Pilot Areas



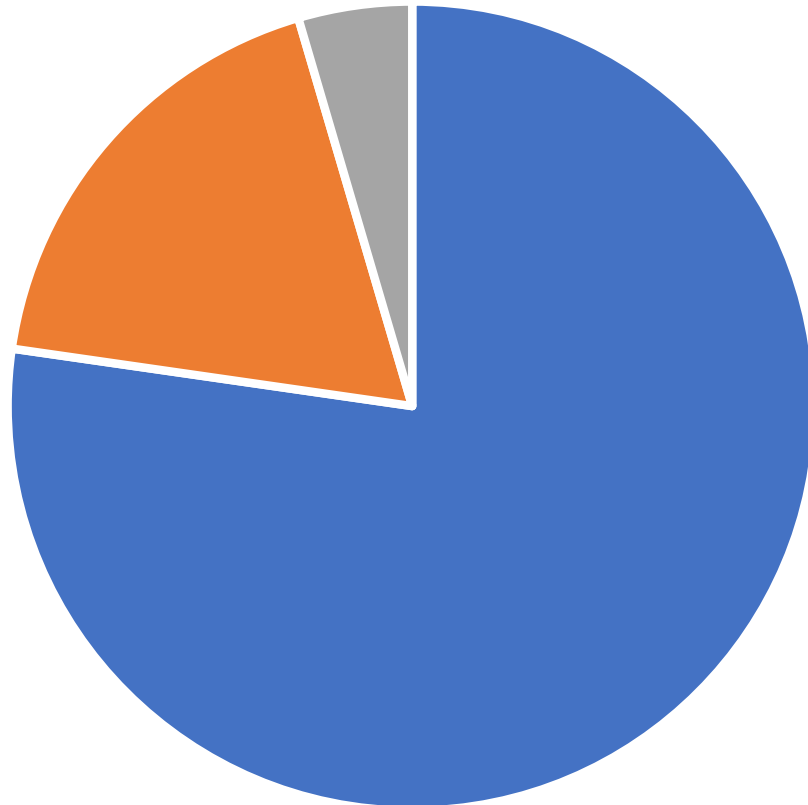
# Designated Community Pilot Areas



# Designated Community Pilot Areas

Count of Institution in Pilot Area 1

Institution

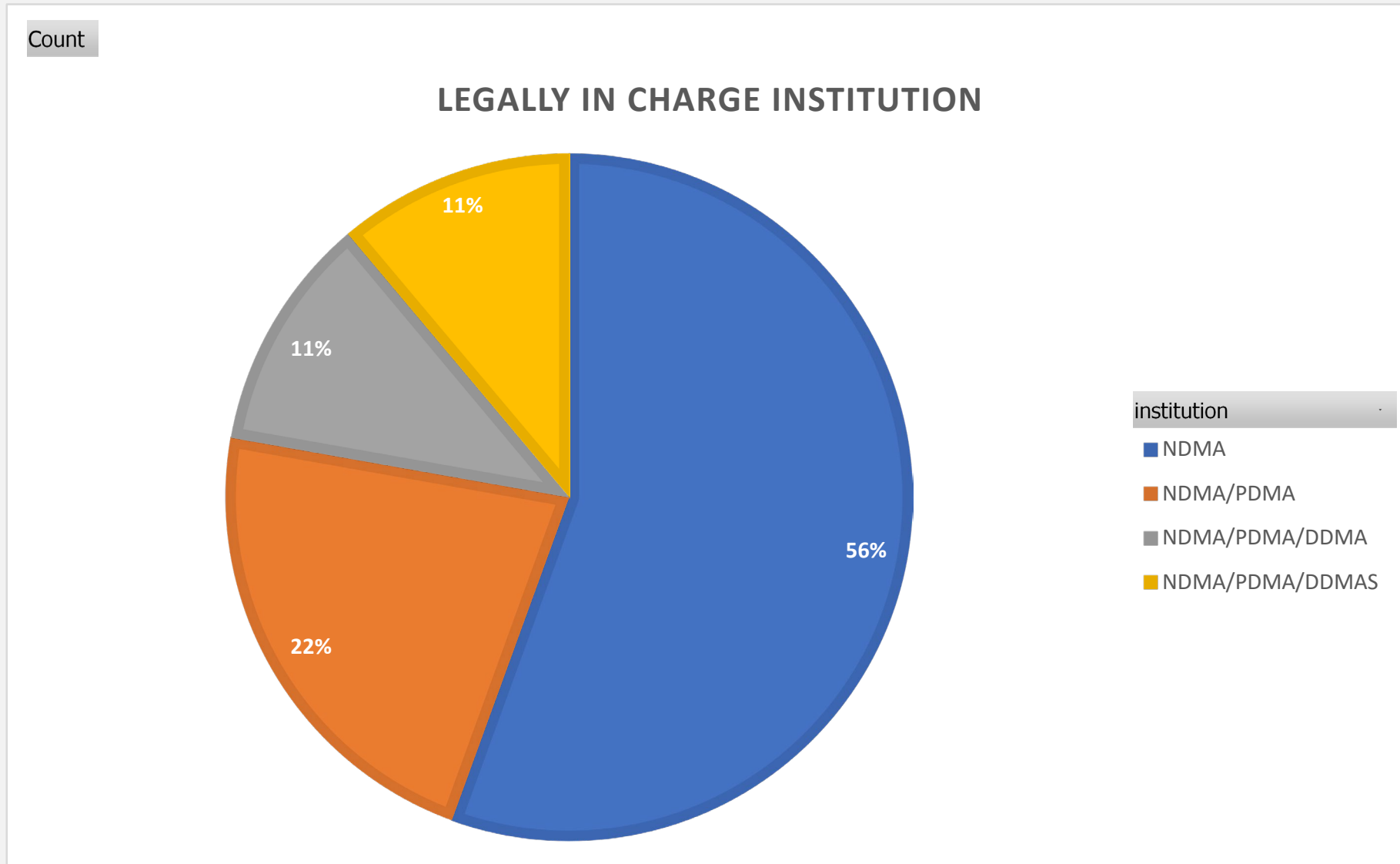


Institution in Pilot Area 1

- DDMA
- Local government
- Not known

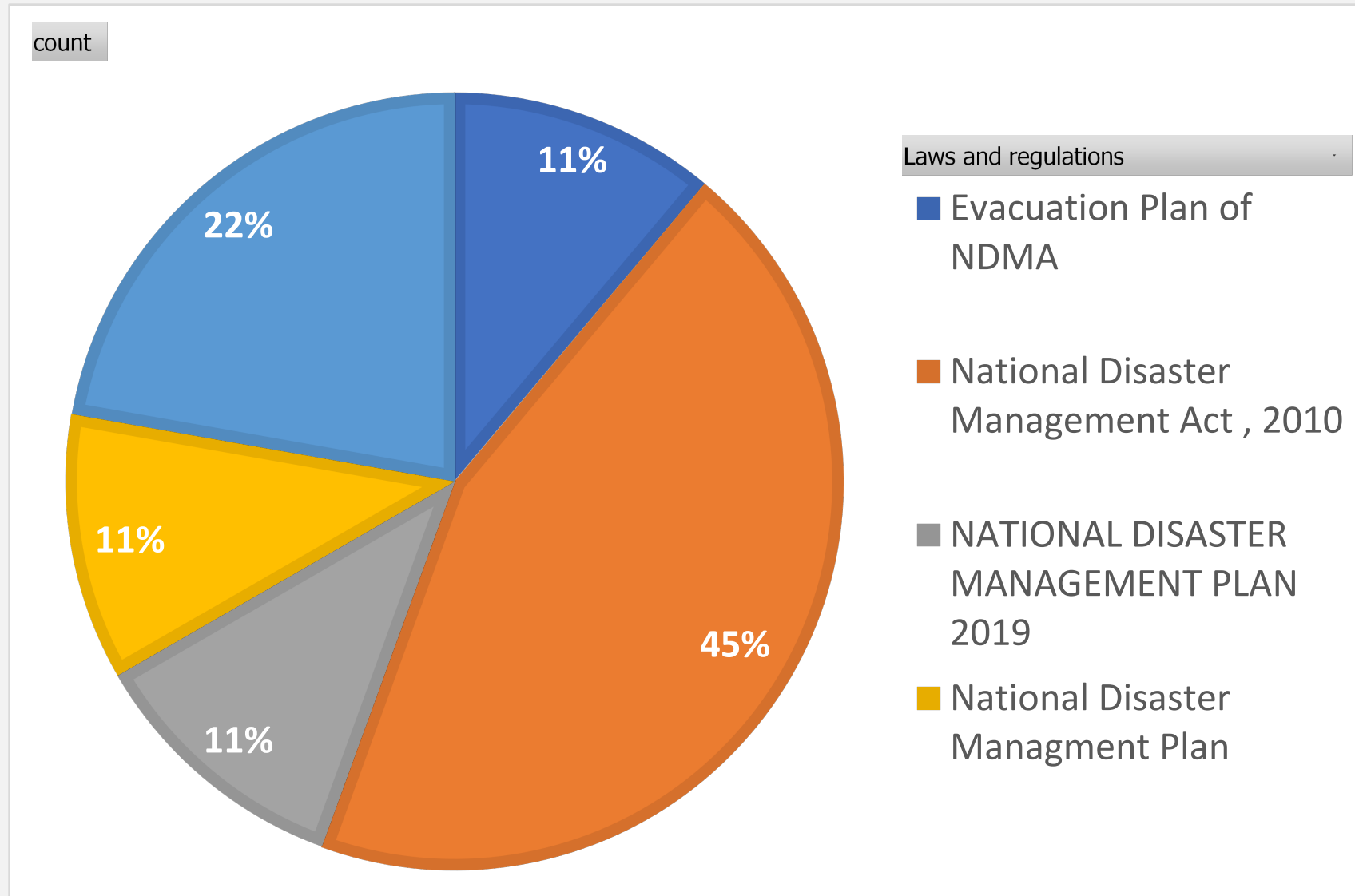
# Roles and Responsibilities

4. Who is legally in charge/has the authority in your country for developing evacuation plans in general for natural disasters, and specifically with respect to tsunamis?



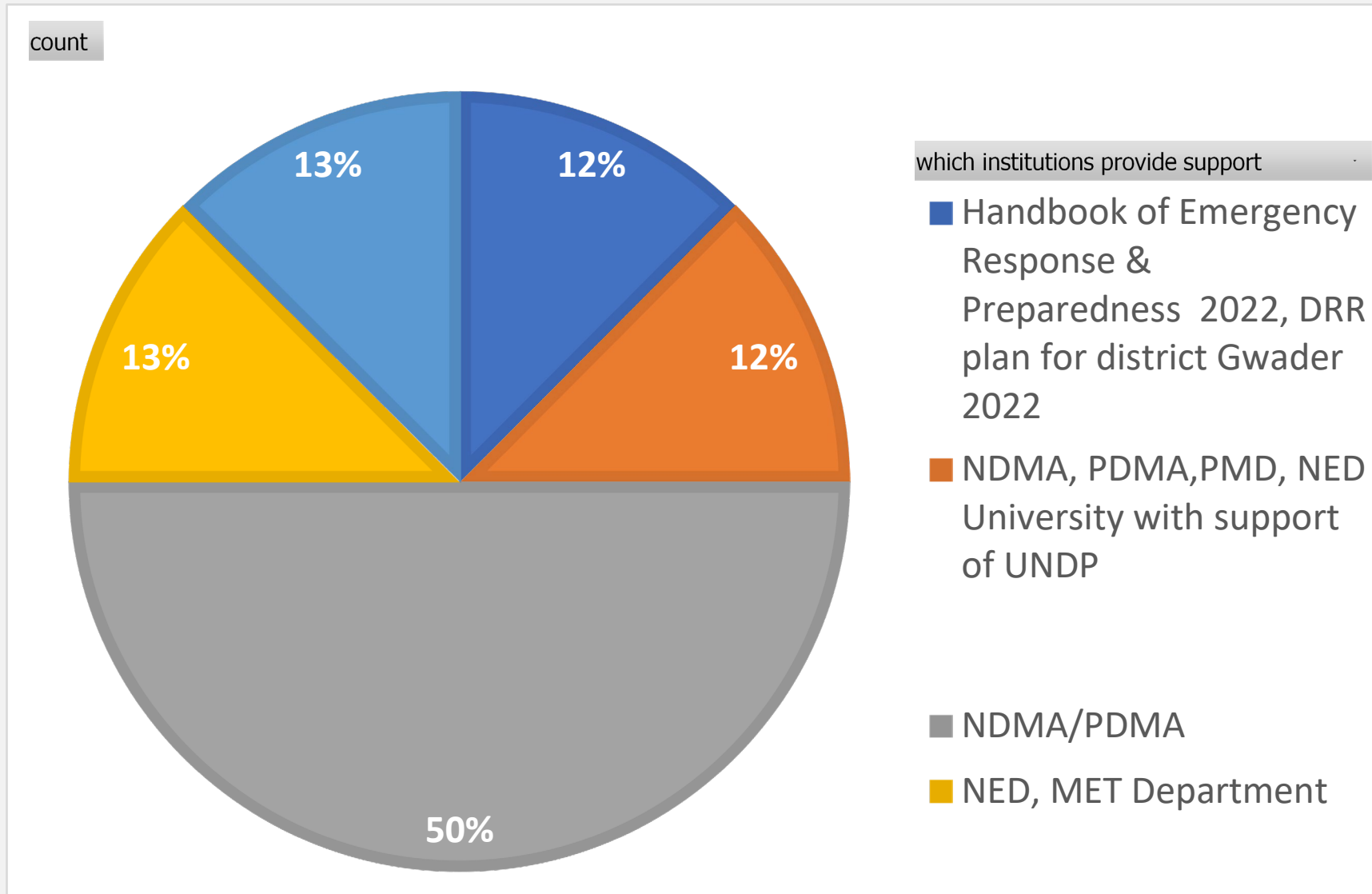
# Roles and Responsibilities

5. Which **laws** and **regulations** provide references and clarification on roles and responsibilities, as well as specifications for tsunami evacuation planning?



# Roles and Responsibilities

6. Which institutions provide support for developing tsunami evacuation plans (incl. tsunami hazard and risk information, inundation maps, evacuation maps, technical guidance, training)?

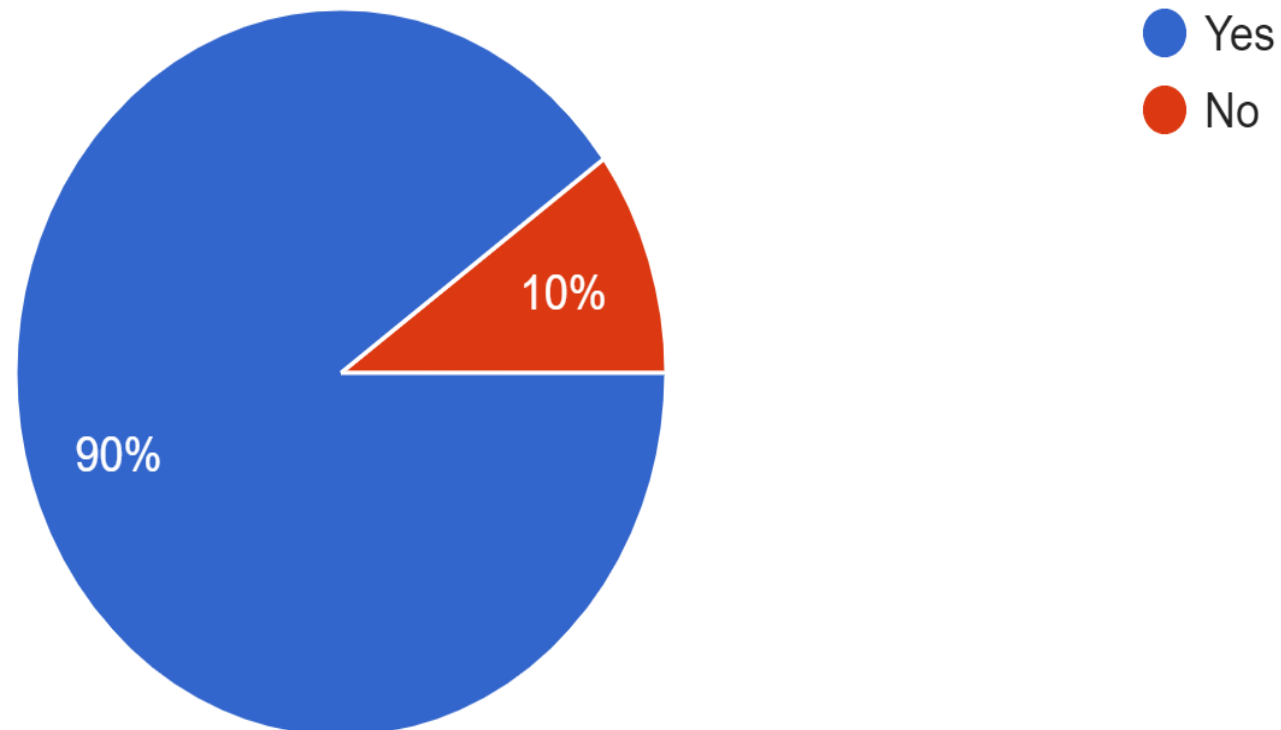




# Roles and Responsibilities

7. Are there any international or national development cooperation agencies or NGOs who provide or have provided support for evacuation planning in your country?

10 responses



# Roles and Responsibilities

If Yes, what work has been undertaken or planned for the future?

9 responses

UNDP

DRR plan 2022 for Gwader district has been Developed , & school safety Guidelines for coastal areas of Pakistan

UNESCO, ESCAP, and UNDP have funded projects related to Tsunami preparedness and mitigation

UNDP, Oxfam

school safety guidelines for coastal areas of pakistan

Yes

UNDP (2008-2011)-(2017)-(2020-2022)

Oxfam (2014-2016)

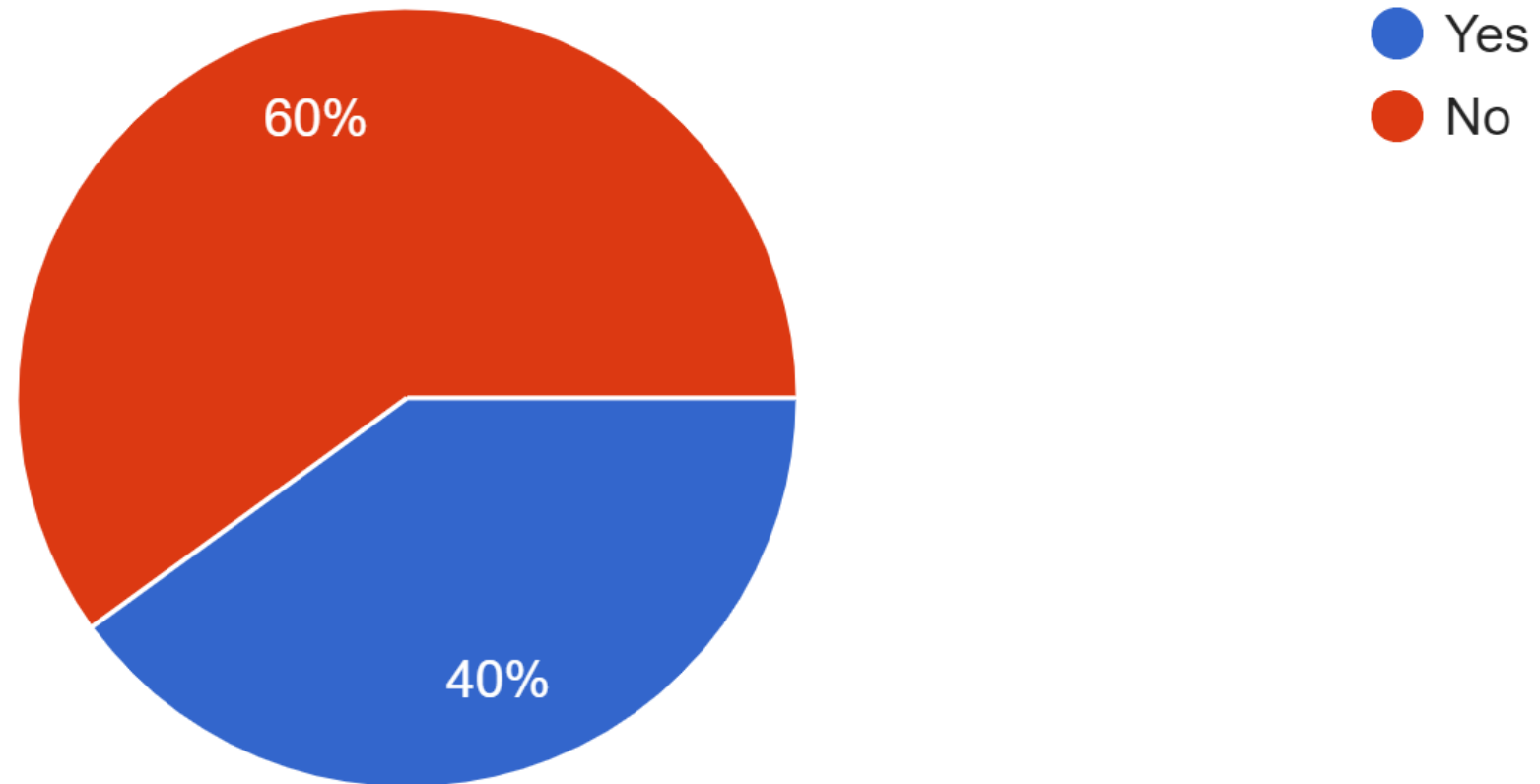
Unesco 2013-2014

MAPPING AND HAZARD ASSESSMENT

# Technical Guidelines

8. Are there any (official) technical guidelines on tsunami evacuation planning?

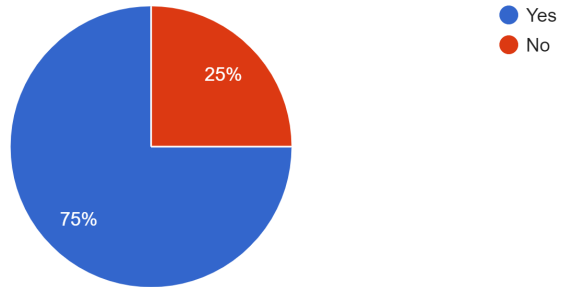
10 responses



# Technical Guidelines *If yes, do they provide information on:*

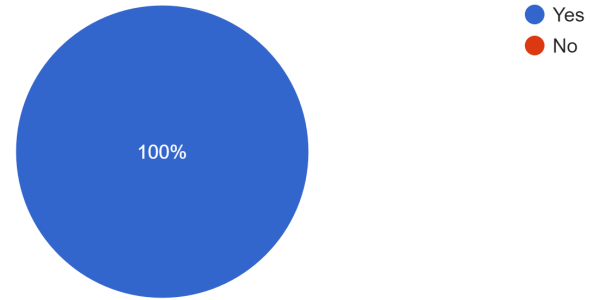
a) Overall concept for tsunami evacuation planning

4 responses



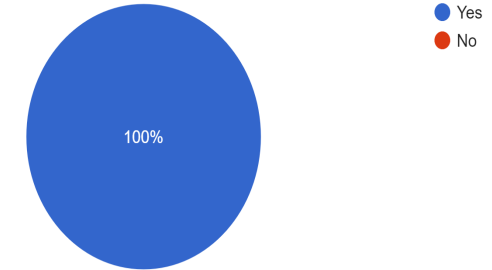
b) Methodology for tsunami evacuation planning process

4 responses



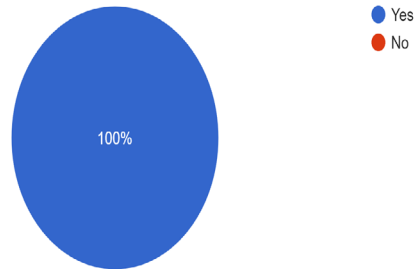
c) Technical guidance on terminology, risk and hazard assessment, zoning concepts, evacuation routes, evacuation sites or building

4 responses



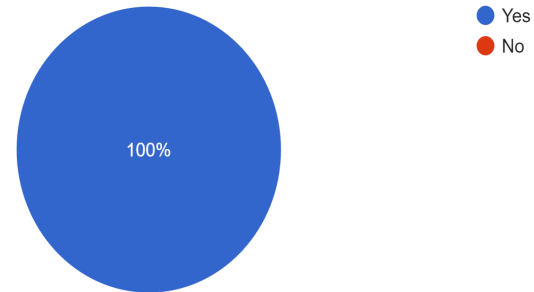
d) Guide on developing a Tsunami Evacuation Map (i.e. based on Inundation Map, Topography, Distance from the coast etc.)

4 responses



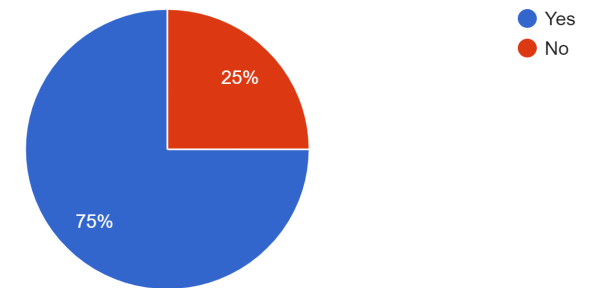
e) Guidance and specifications for the design of tsunami evacuation maps

4 responses



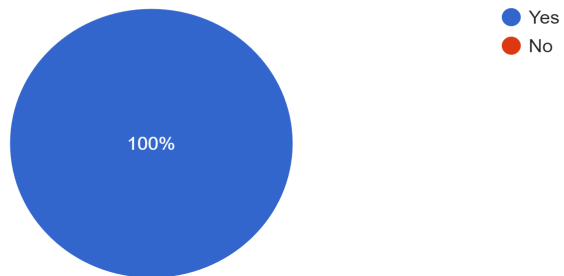
f) Specifications for the design of tsunami evacuation signage and signboards

4 responses



g) Arrangements for receiving official tsunami early warning 24/7

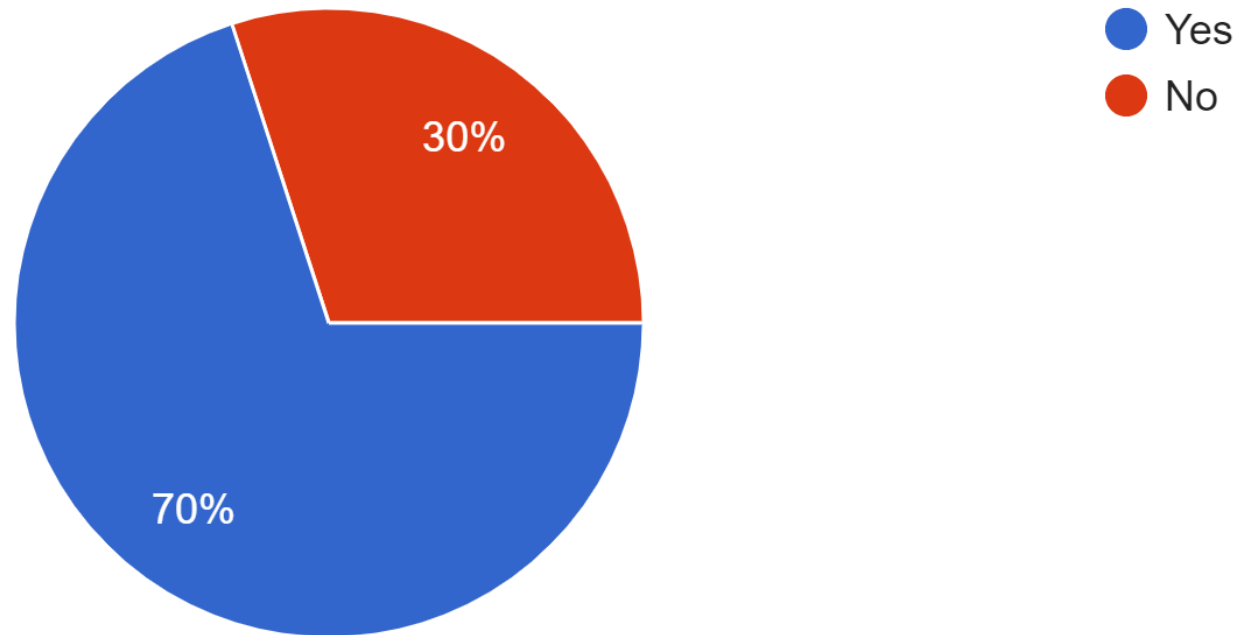
4 responses



# Technical Guidelines

9. Are there any experiences with tsunami evacuation planning (or similar events like storm surges or floods) in the country?

10 responses



# Technical Guidelines

**9. Are there any experiences with tsunami evacuation planning (or similar events like storm surges or floods) in the country?**

If Yes, Please describe:

7 responses

Storm surges, cyclone, flooding in Thatta, Badin, Sujawal, and in Gwadar for tsunami

Evacuation plans are frequently implemented related cyclones in coastal belt

Cyclone

Not experienced Tsunami in near past

Gono cyclone

Yamyen cyclone

PHET cyclone

Neelofee cyclone

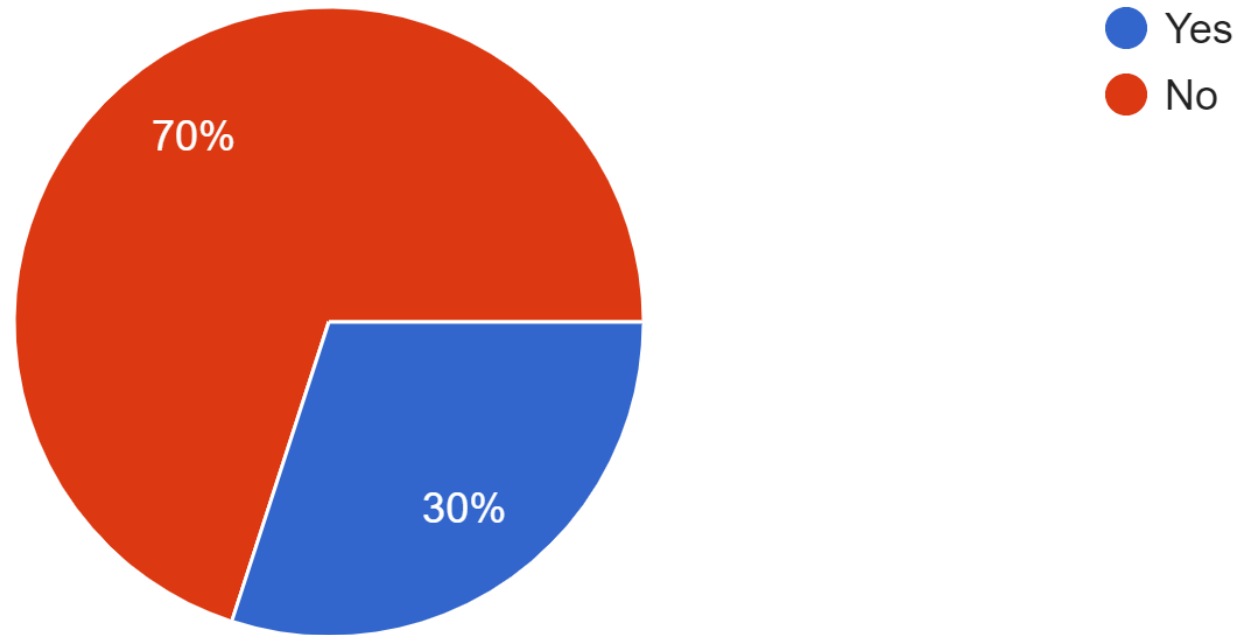
Three tsunami evacuation drills were conducted in 2021 with support of UNDP Pakistan. These drills were conducted at Rehri goth, soomar goth and Gwadar.

Being a Officer In charge Oceanographic Research Sub-Station Gwadar I was announced /Monitered evacuation from Makran Coast specially Gwadar District when were two cyclones observed during 2007

# Technical Guidelines

10. Are there any examples of tsunami evacuation maps available in the country?

10 responses



# Technical Guidelines

If **YES**, please provide **copies of existing tsunami evacuation maps** which have been developed so far.  
Please name the **localities** for which these maps are available:

## Locality 1

3 responses

For Gwadar

Gwadar City

Gawadar city (developed by NED)

## Locality 2

1 response

Pasni city ( developed by NED university with support of UNDP

## Locality 3

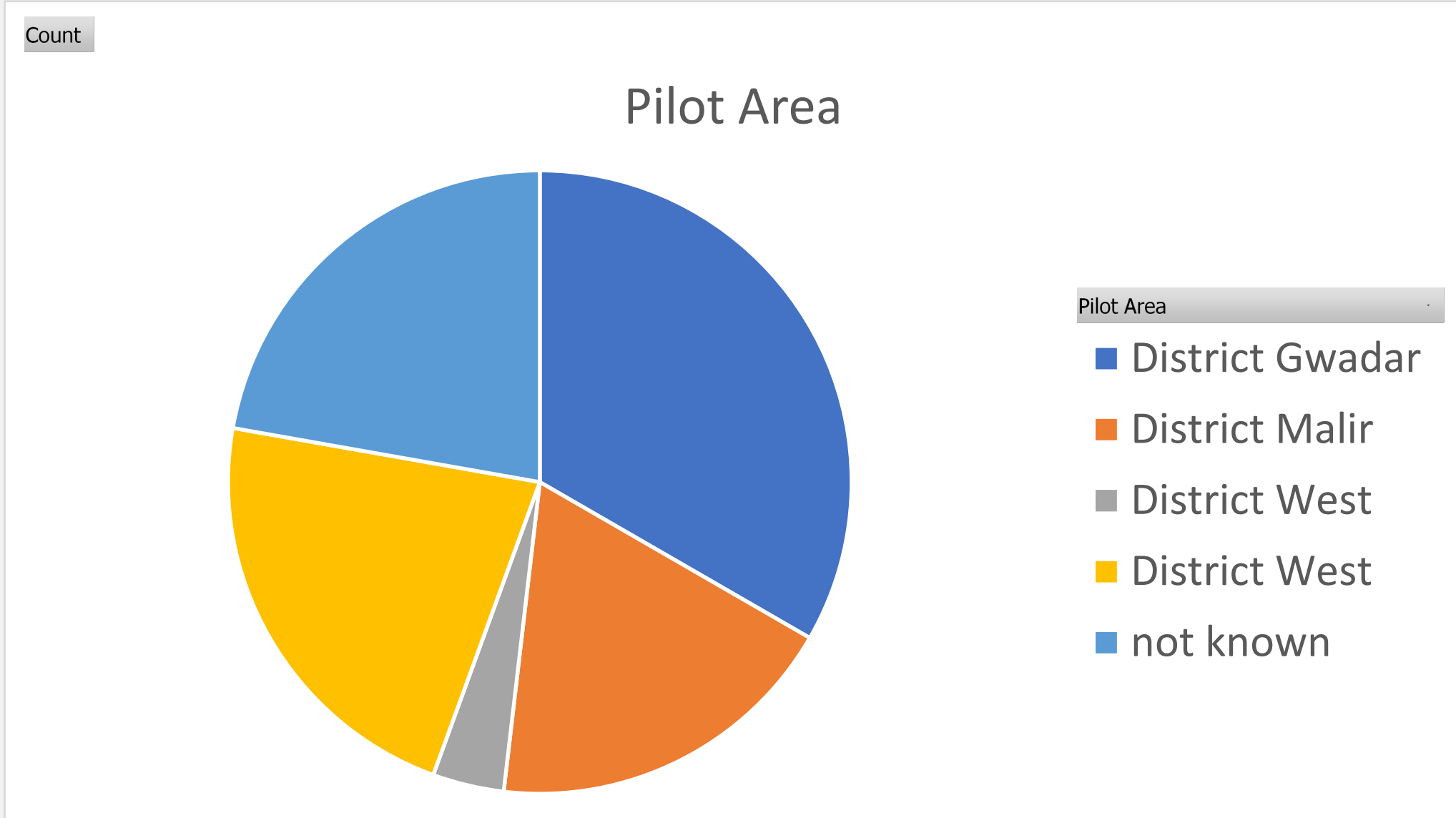
0 responses

No responses yet for this question.



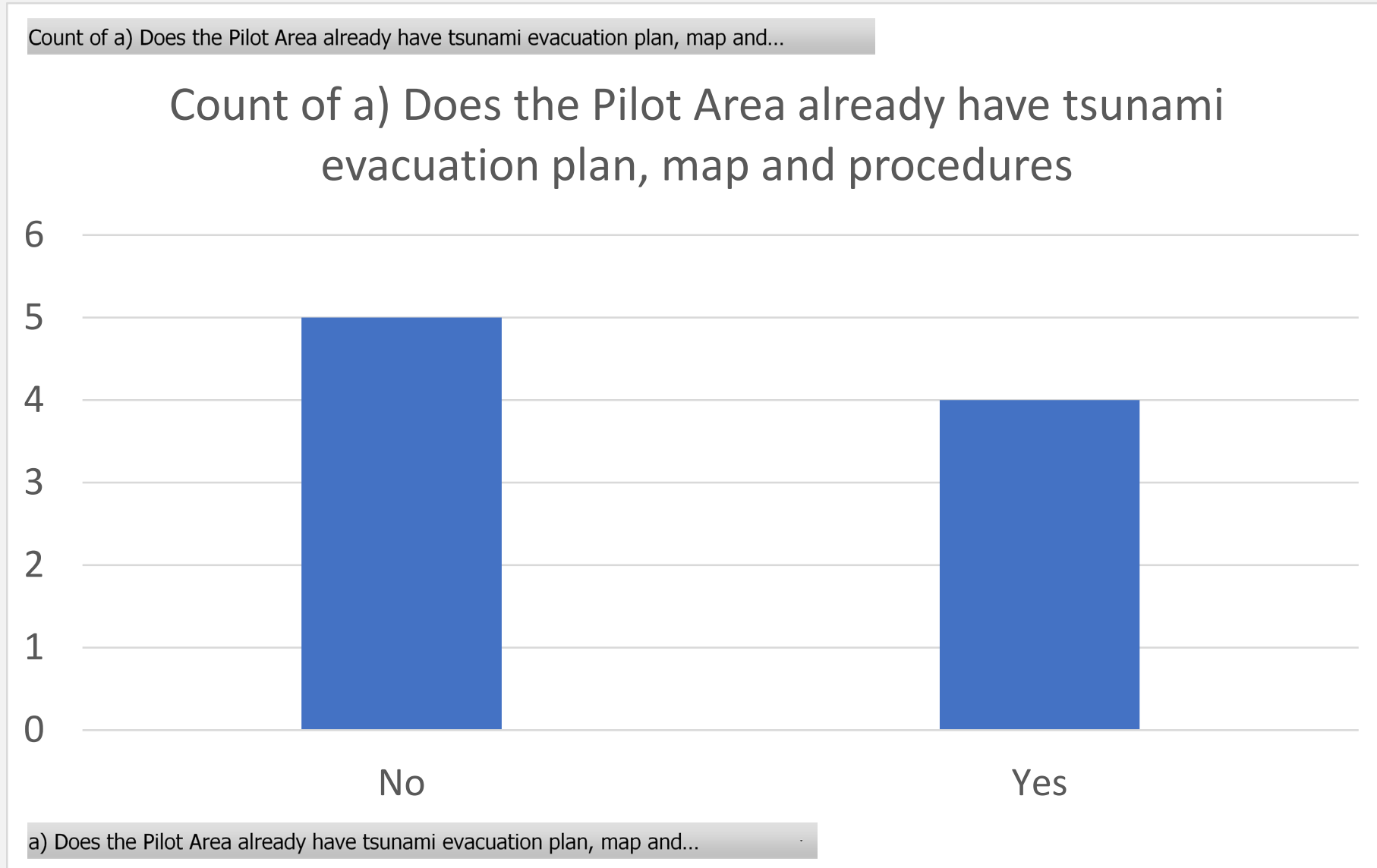
# Pilot Areas

11. Please indicate for each designated UNESCAP TTF-29 project community Pilot Area:



# Pilot Area 1

a) Does the Pilot Area already have tsunami evacuation plan, map and procedures



## Pilot Area 2

a) Does the Pilot Area already have tsunami evacuation plan, map and procedures

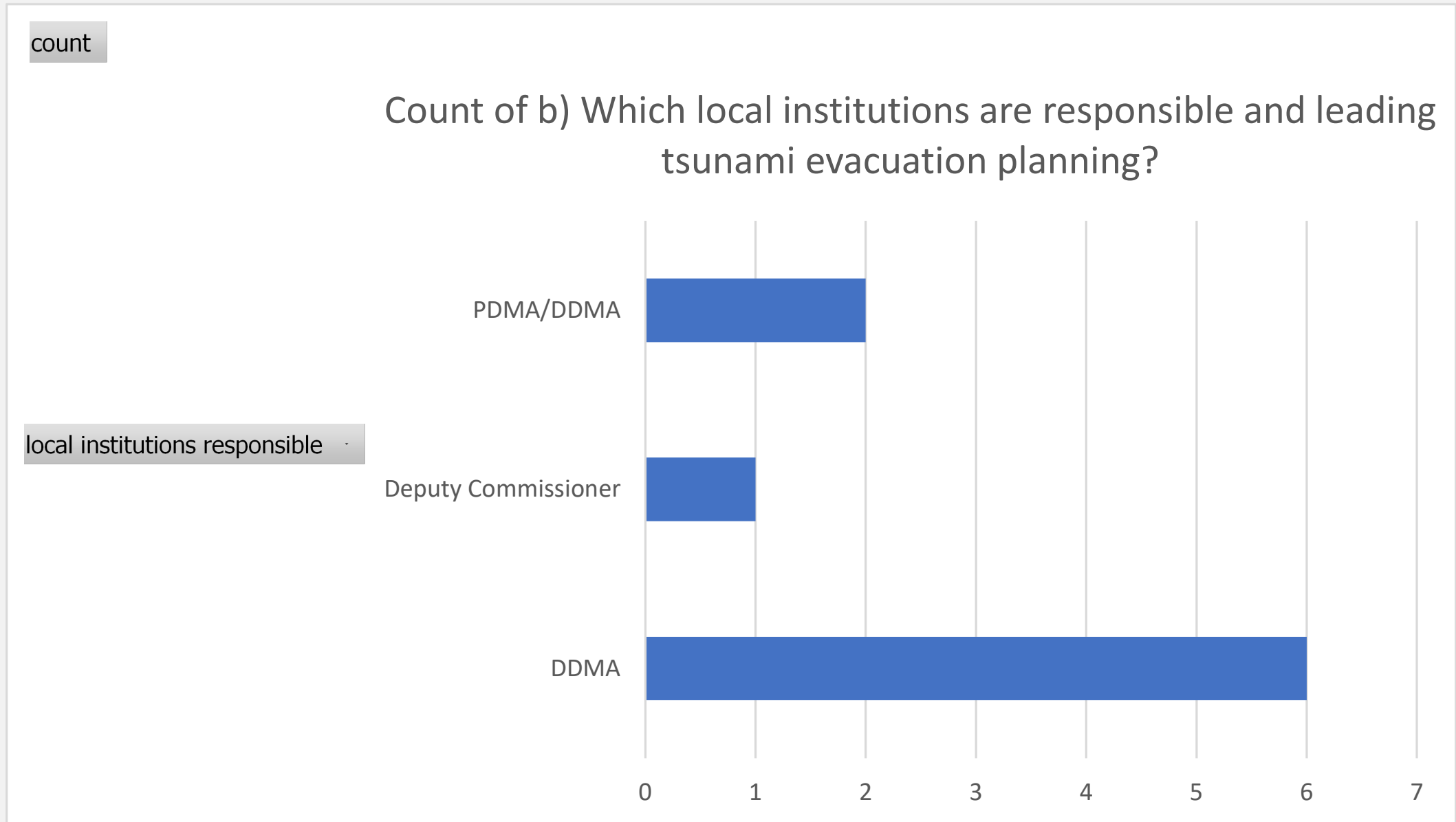
All Responses are No

# Pilot Area 3

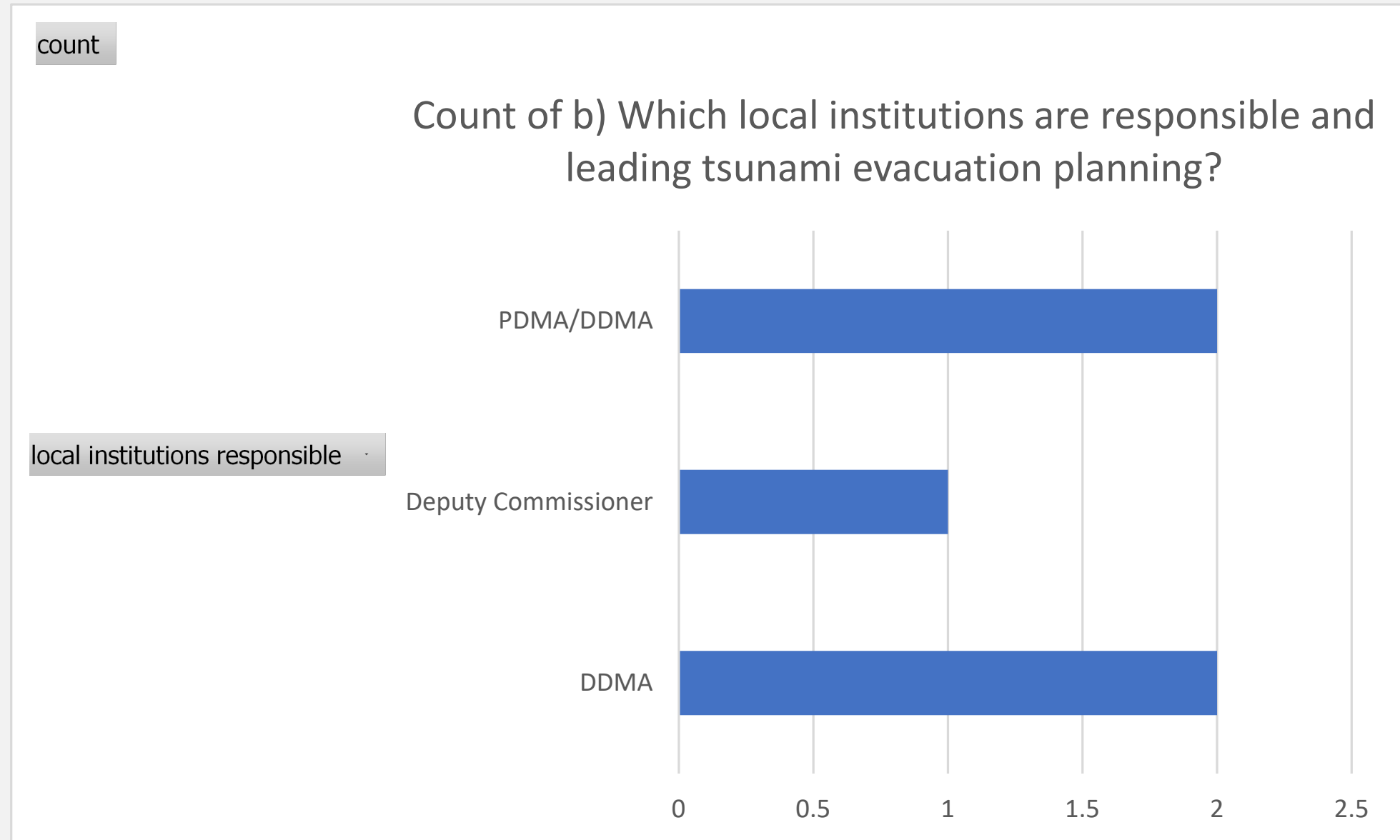
a) Does the Pilot Area already have tsunami evacuation plan, map and procedures

All Responses are No

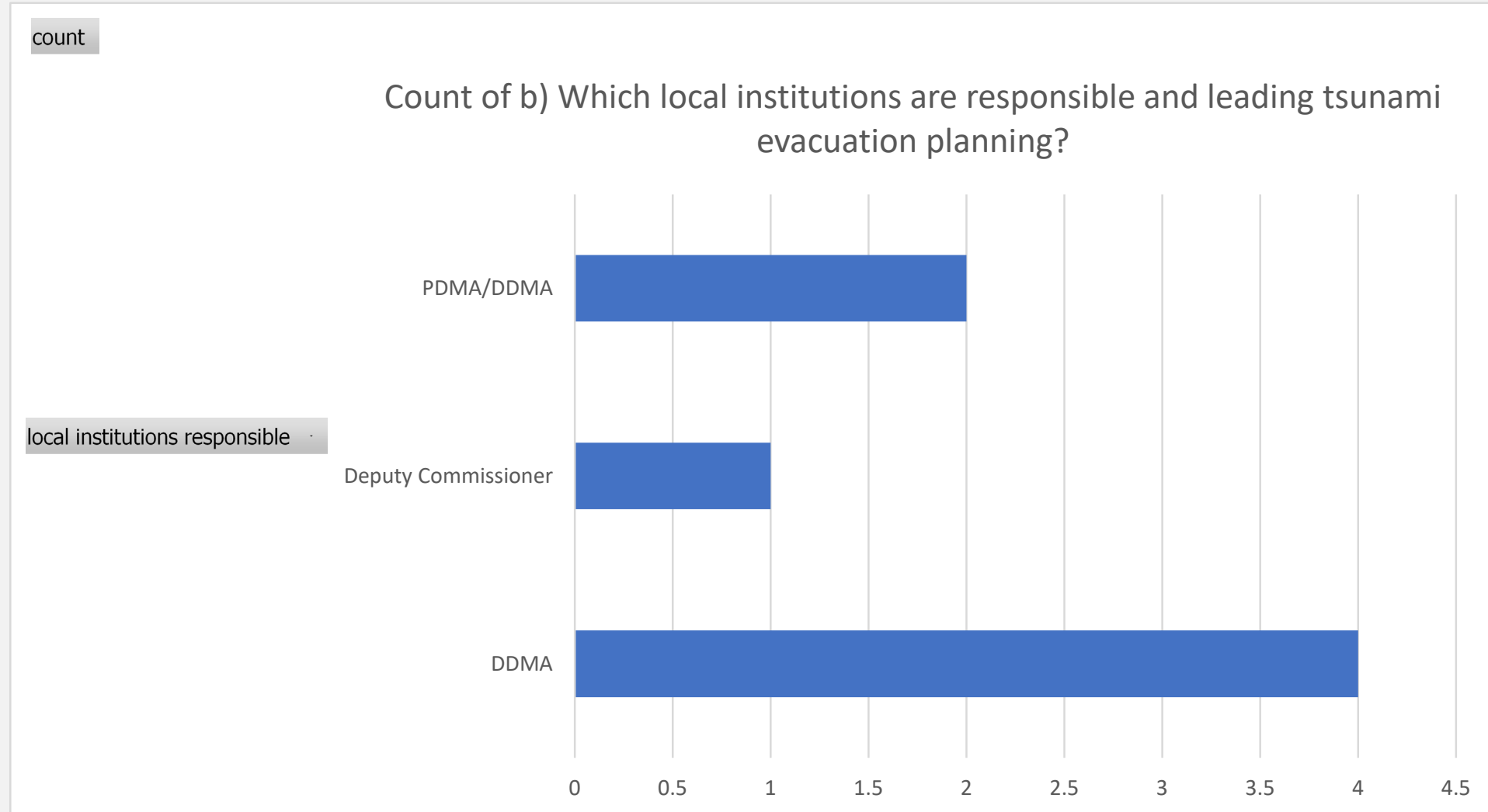
# Pilot Area 1



# Pilot Area 2

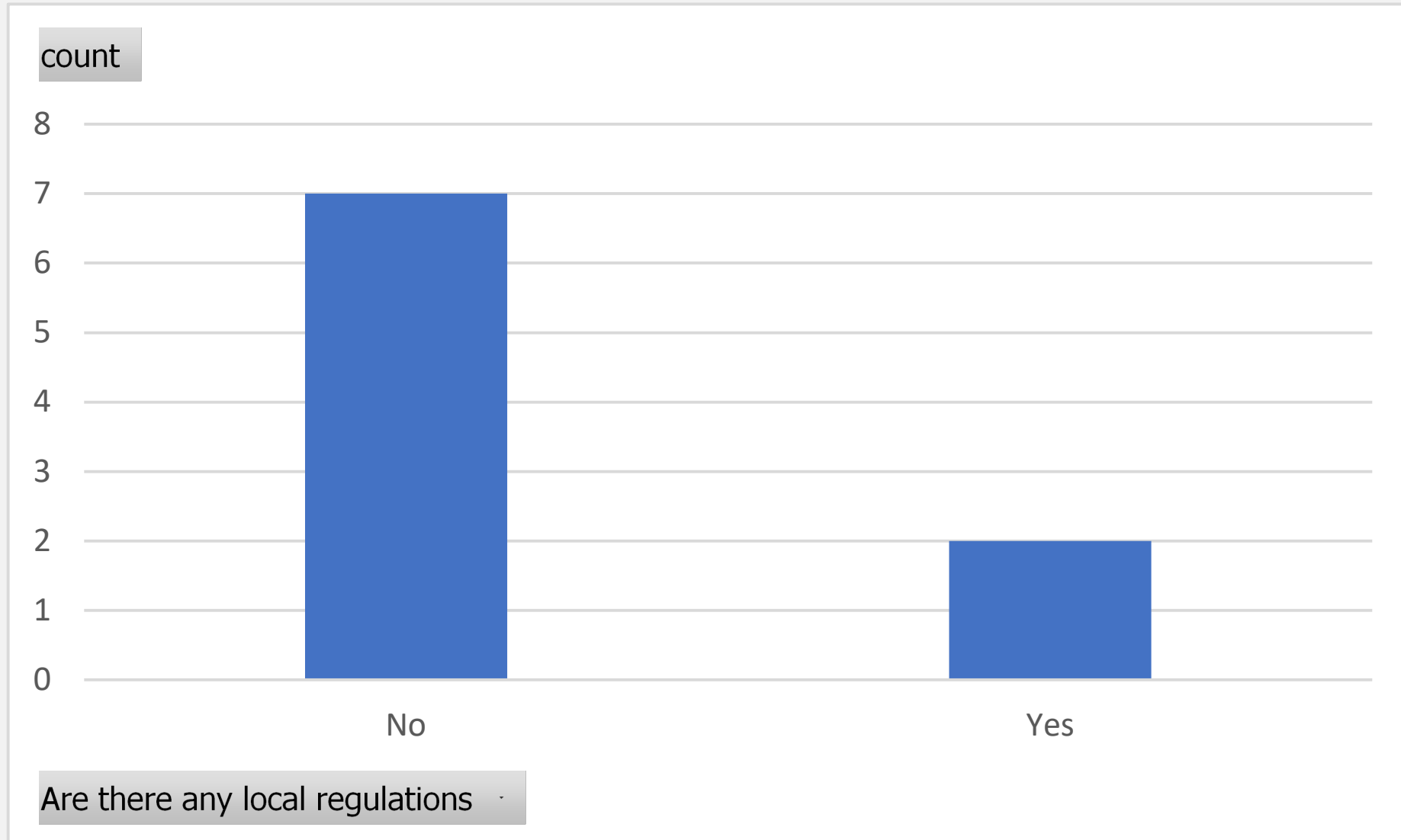


# Pilot Area 3



# Pilot Area 1

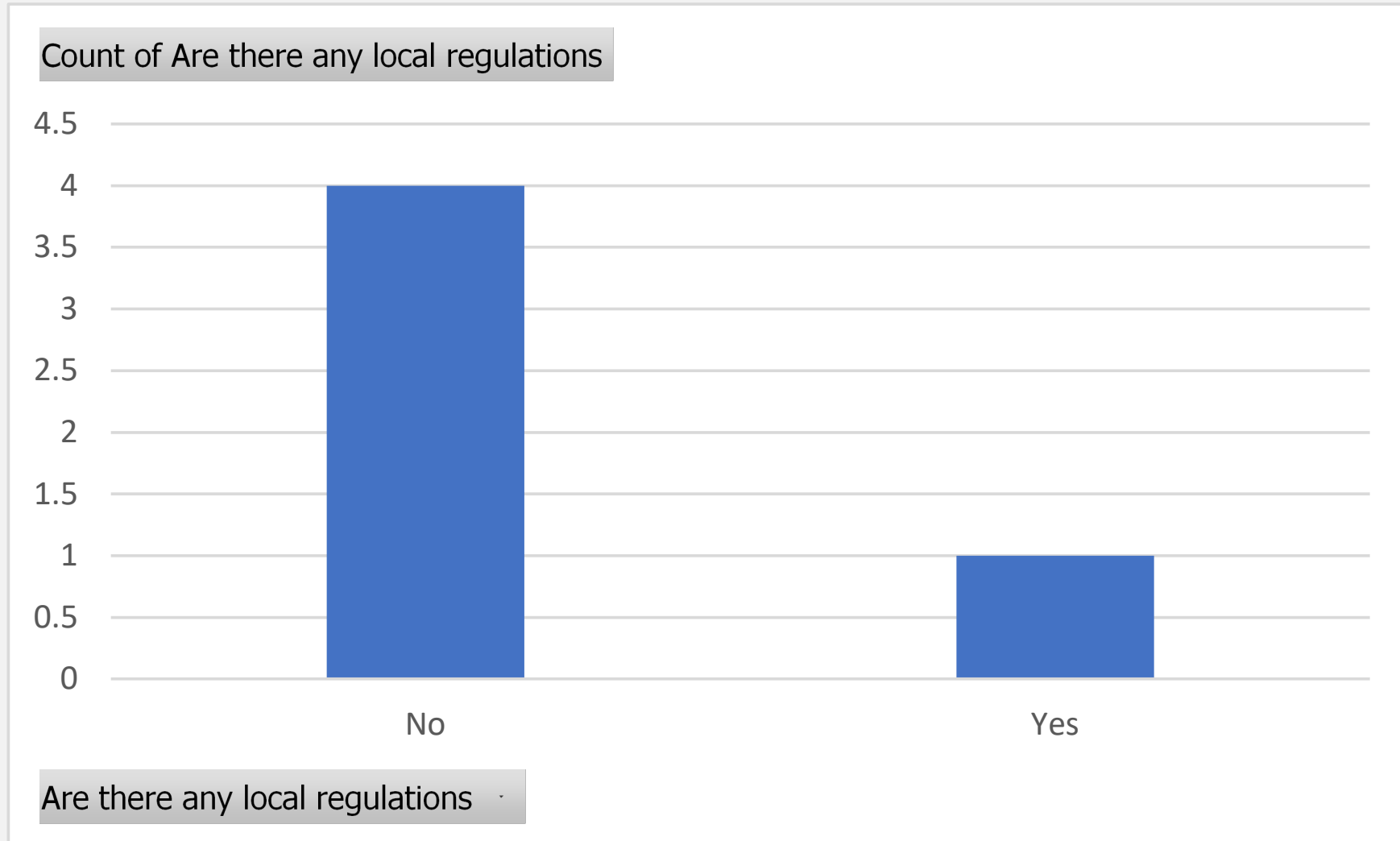
c) Are there any local regulations that further define roles and responsibilities or provide other references for tsunami evacuation planning?





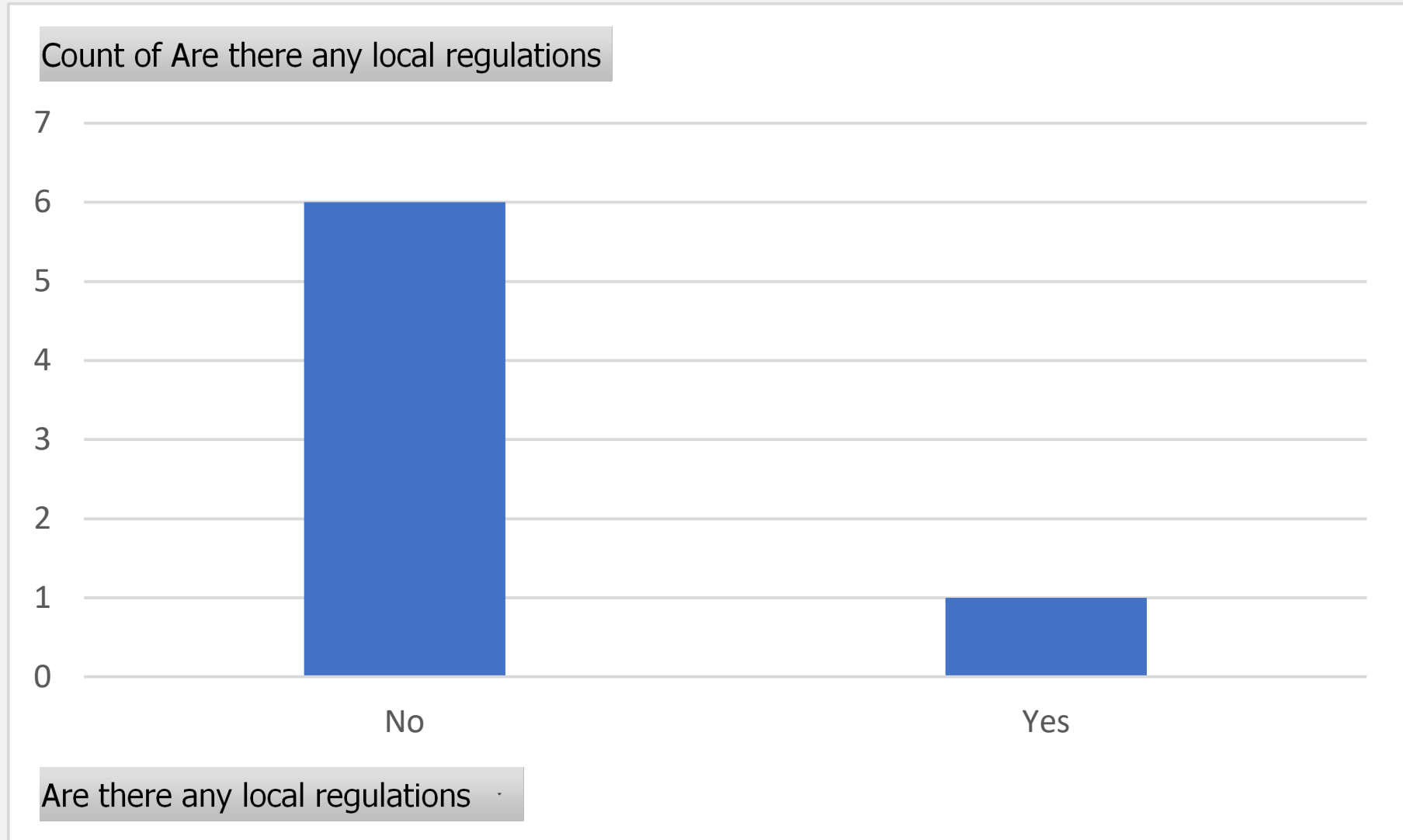
# Pilot Area 2

c) Are there any local regulations that further define roles and responsibilities or provide other references for tsunami evacuation planning?



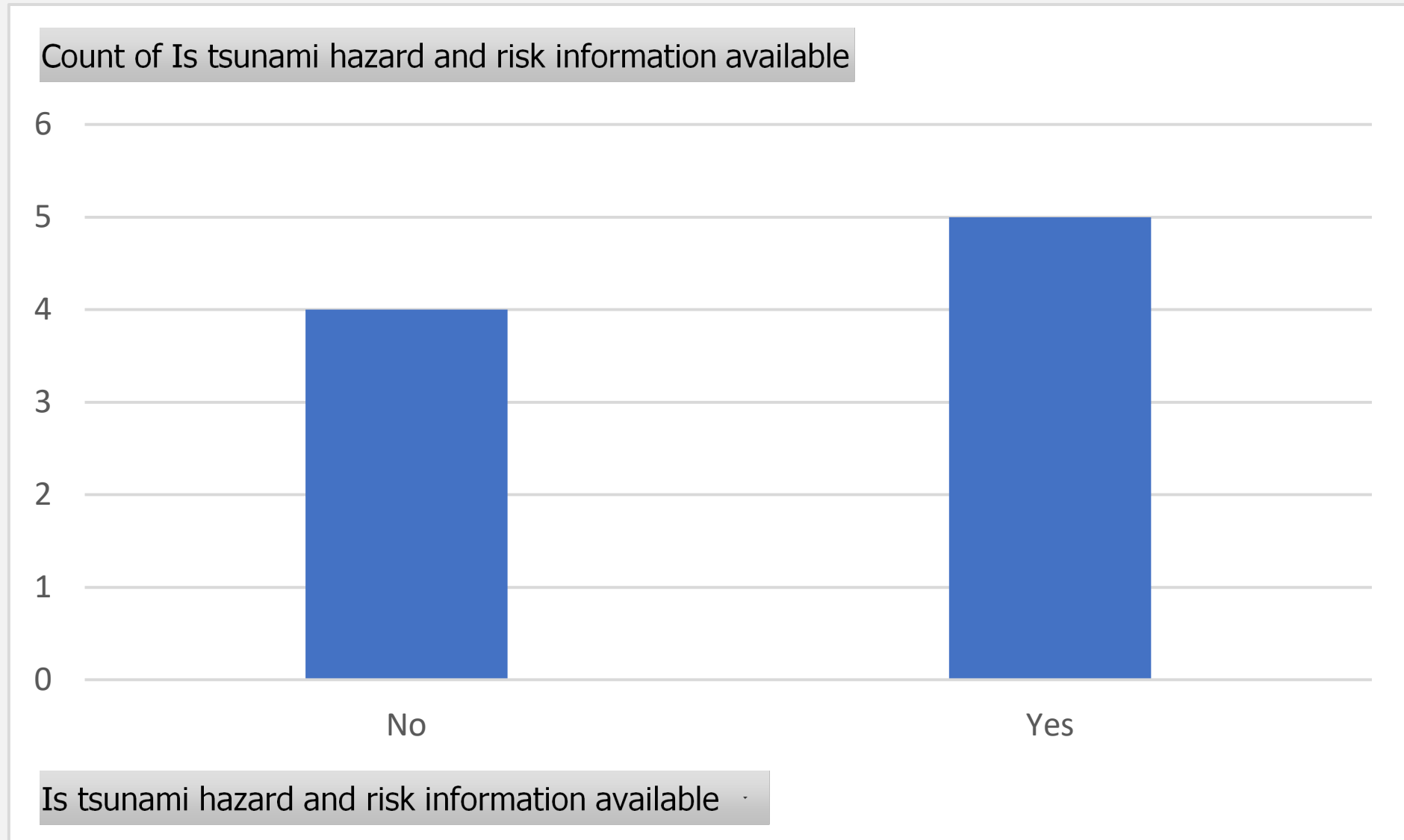
# Pilot Area 3

c) Are there any local regulations that further define roles and responsibilities or provide other references for tsunami evacuation planning?



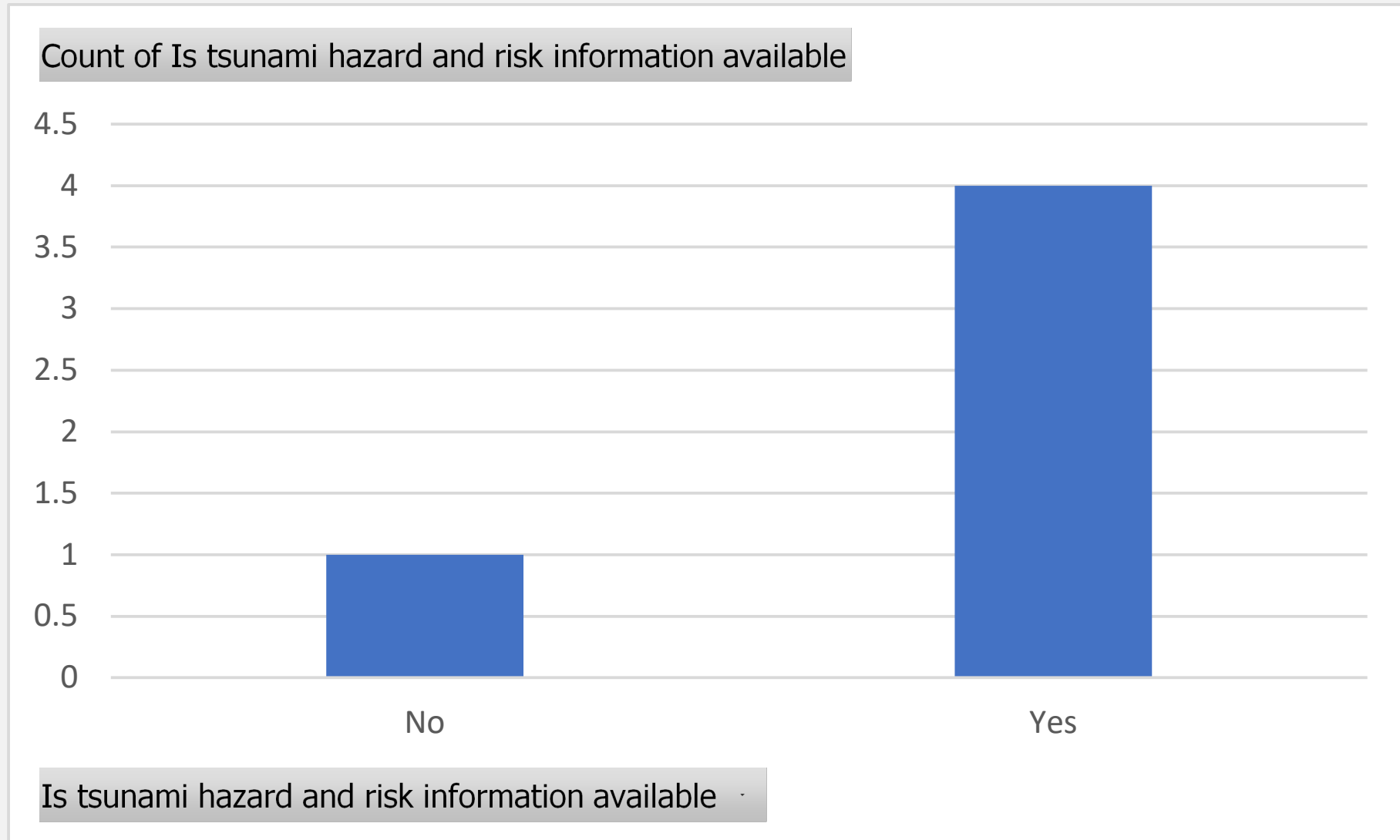
# Pilot Area 1

d) **Is tsunami hazard and risk information available** and suitable for local planning purposes (e.g. tsunami hazard and risk assessments, inundation maps)



# Pilot Area 2

d) **Is tsunami hazard and risk information available** and suitable for local planning purposes (e.g. tsunami hazard and risk assessments, inundation maps)



# Pilot Area 3

d) **Is tsunami hazard and risk information available** and suitable for local planning purposes (e.g. tsunami hazard and risk assessments, inundation maps)

