

## **4.9 ICG/PTWS-XXXI- PacWave24 exercise**

**Task Team PacWave24 Co Chairs:**  
**Margarita Martinez, SENAPRED Chile**  
**Laitia Fifita, Meteorological Services,**  
**Tonga**  
**Assistance:**  
**Laura Kong, International Tsunami**  
**Information Center**

# **Contents:**

## **Results Post-Exercise Evaluation Form.**

- 1. TSPs Communication Test and NAVAREA trial**
- 2. Regional Communication and Cooperation**



**PacWave24**



## Exercise Aim and Objectives (IOC Circular Letter No 2999)

PacWave24 tested PTWS Tsunami Service Provider (TSP), and country operational plans and procedures to respond to a destructive tsunami. PacWave24 was the **eleventh in a series of PacWave exercises that have been conducted biennially since 2006**

Steering Committee decided to provide **special tsunami maritime safety products** to NAVAREA coordinators through the NTWC from the PTWC, and further decided to conduct a **trial dissemination of the dummy message from the PTWC to the NAVAREA coordinators through the NTWCs** as part of Exercise Pacific Wave 2024.



## SUBMITTED RESPONSES

### Comm test /Navarea trial (11):

- Japan
- Australia
- New Zealand
- Chile
- Tonga
- Hong Kong, China
- French Polynesia
- Guatemala
- Argentina
- Singapore
- Republic of Korea


### Regional (\*) /National (20)

- Ecuador
- Colombia
- Hong Kong, China
- Malaysia
- Japan
- Australia
- Mexico
- Costa Rica
- French Polynesia
- Chile
- Vietnam
- Tonga
- Samoa
- Kiribati
- China
- Russian Federation
- New Zealand
- Vanuatu
- Singapore
- Republic of Korea




# **Objective 1:**

**To test communications from the approved and developing Tsunami Service Providers (PTWC, NWPTAC, SCSTAC, CATAC) to Member States/Countries**

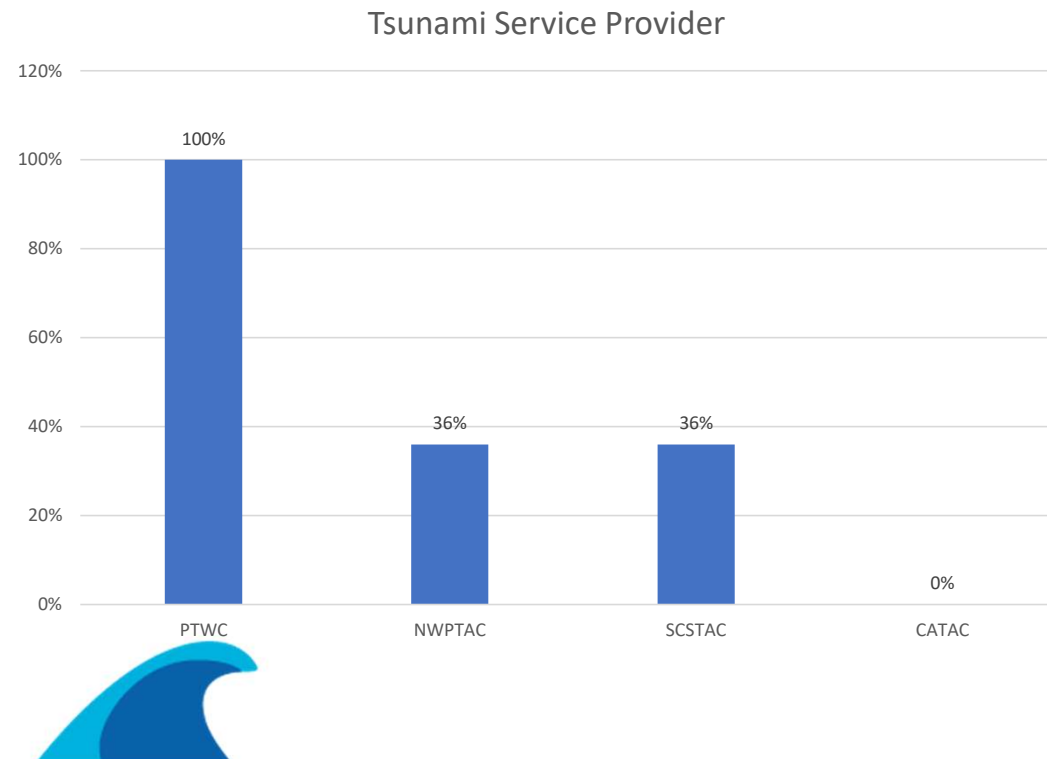
A decorative graphic of a tsunami wave, rendered in light gray, is positioned in the bottom-left corner of the slide. The wave is stylized with a curved crest and a smaller, secondary wave behind it.

## **Objective 2:**

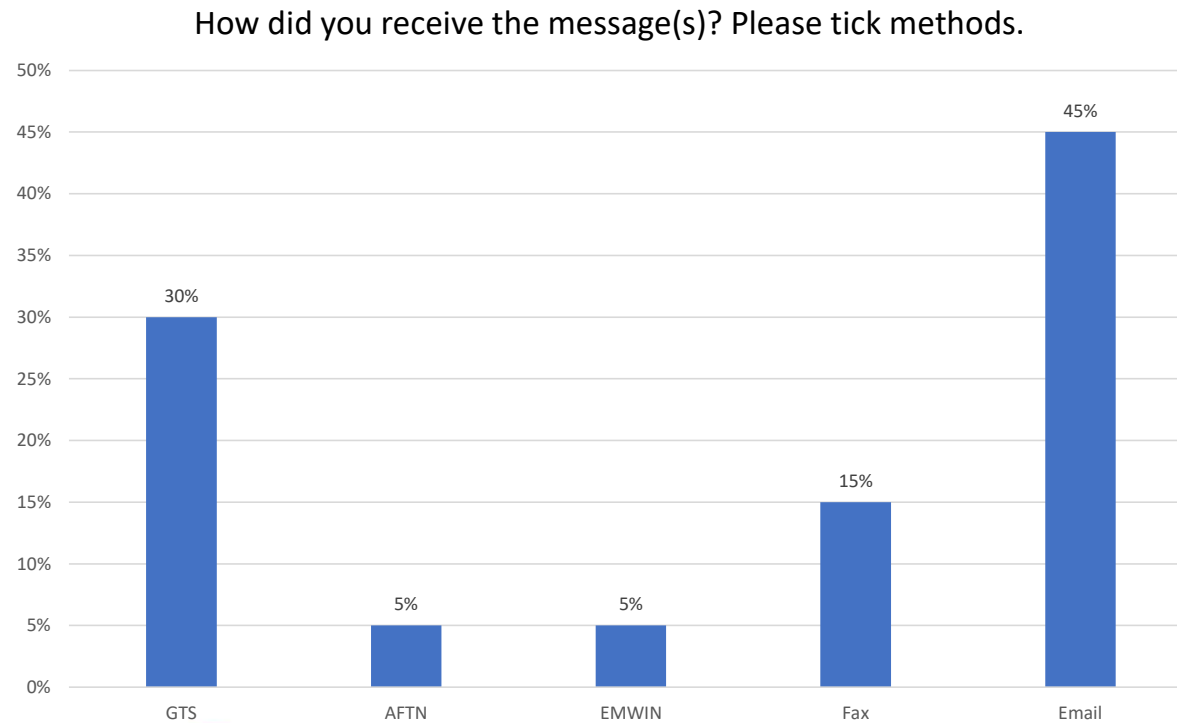
**Test live communication from PTWS  
Tsunami Service Providers (TSP) to the  
NAVAREA Coordinators (NAVAREAs VI, X,  
XI, XII, XIII, XIV, XV, and XVI).**

A decorative graphic of a stylized wave in shades of gray, located in the bottom-left corner of the slide.

# 1.1 Please select which Tsunami Service Provider you subscribed to receive tsunami bulletin?

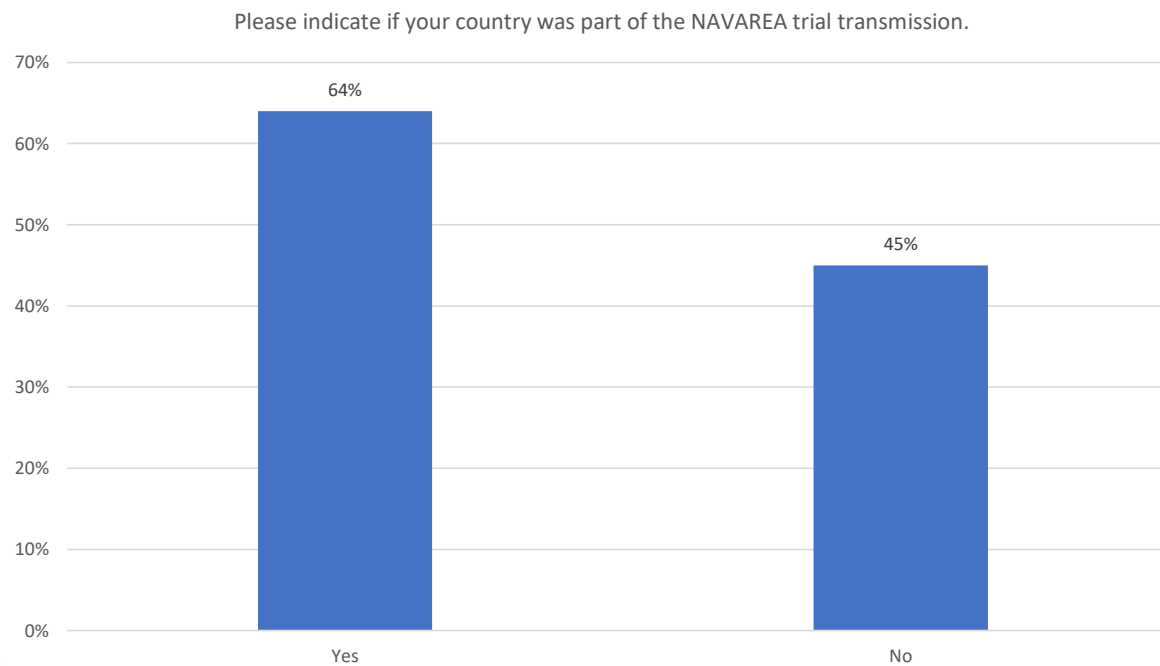


# 1.5 How did you receive the message(s)? Please tick methods.





# 1.7 Please indicate if your country was part of the NAVAREA trial transmission.



# NAVAREA comments

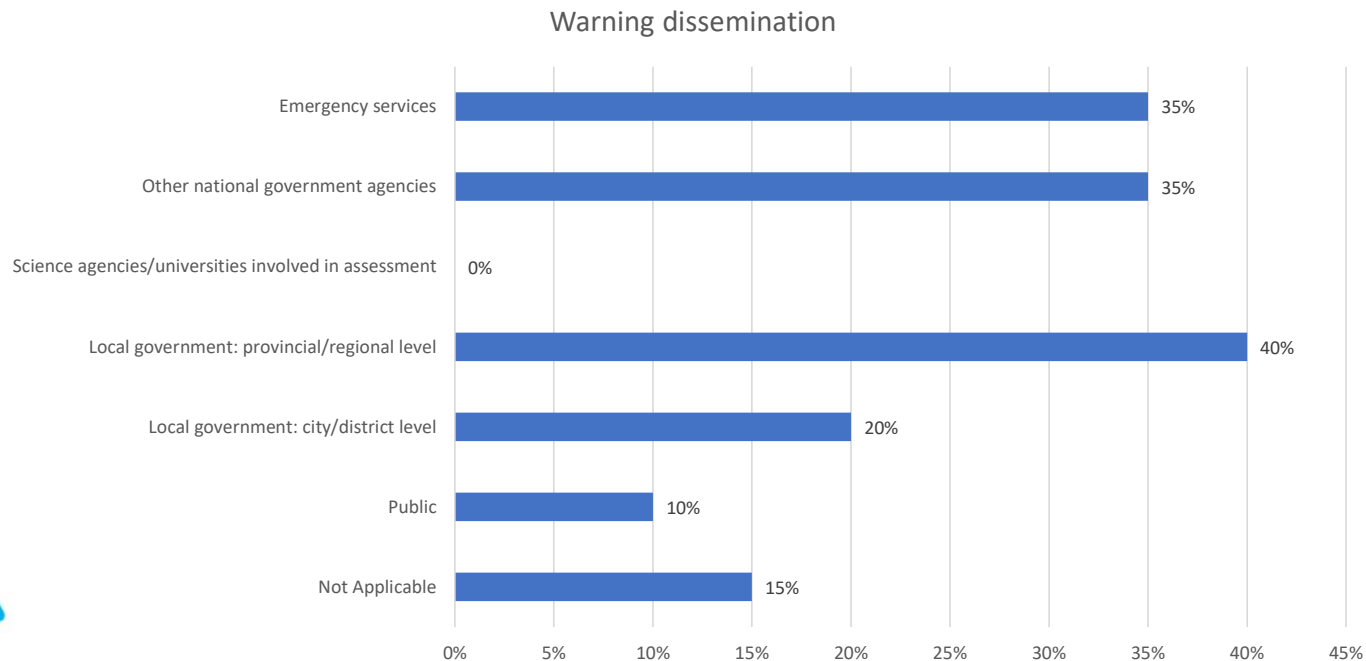
- **In general, all participating countries in NAVAREA trial indicated development test proceeded without issues.**
  - Australia: While AMSA (NAVAREA X) received the test warning from PTWC at 0100 UTC as expected, we also received the same message an hour earlier at 0000 UTC from the Aircservices Network Coordination Centre. We are uncertain as to why this occurred
- **For open-ended question: *Please indicate if the NAVAREA coordinator received the message successfully and when.* Responses were:**
  - Received fine
    - NAVAREA XI coordinator received emails from NTWC in Japan, which is the Japan Meteorological Agency, without any problems.
    - The message went to AMSA's 24/7 response center. NAVAREA X co-ordinator was present when testing occurred.
    - Successfully received 050101 UTC November 2024
    - Yes, they received it right after we did (we forward the message)
    - 2300UTC
    - Yes, we received the message at 00:00 utc
    - NAVAREA (NAVAREA XI) coordinator has received the message successfully at 01:03 November 5, 2024 (UTC).
    - Yes, the message was forwarded to RCCNZ, who advised they received our (NEMA) email at 1405hrs, along with the original NAVAREA email from PTWC at 1401hrs.
  - **Did not receive: Argentina.**
    - The message was never received by the Navarea Coordinator. We could not determine the reason for the failure.

# **PacWave24**

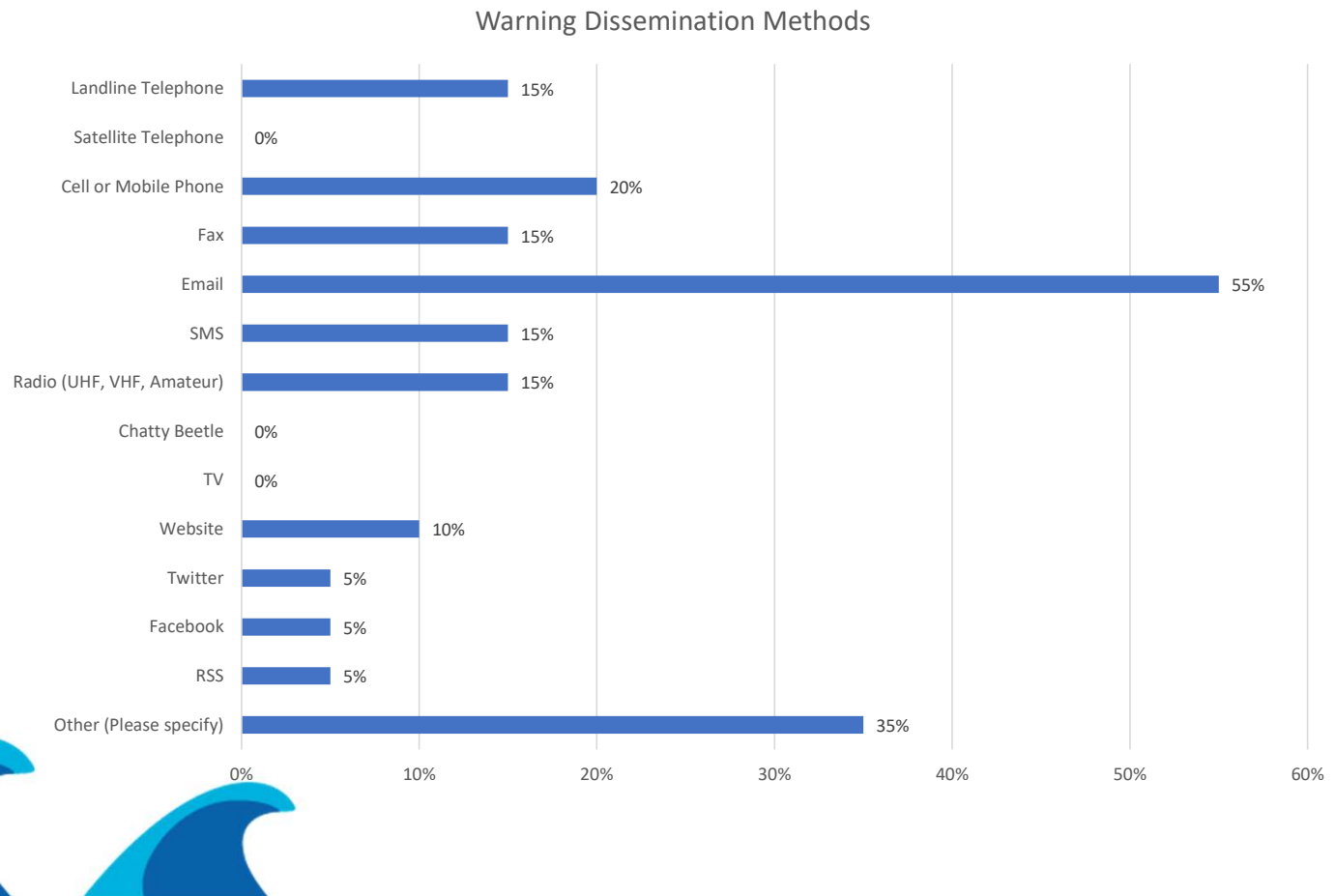
## **National/Regional Communication and Cooperation Post-Exercise Evaluation Form**



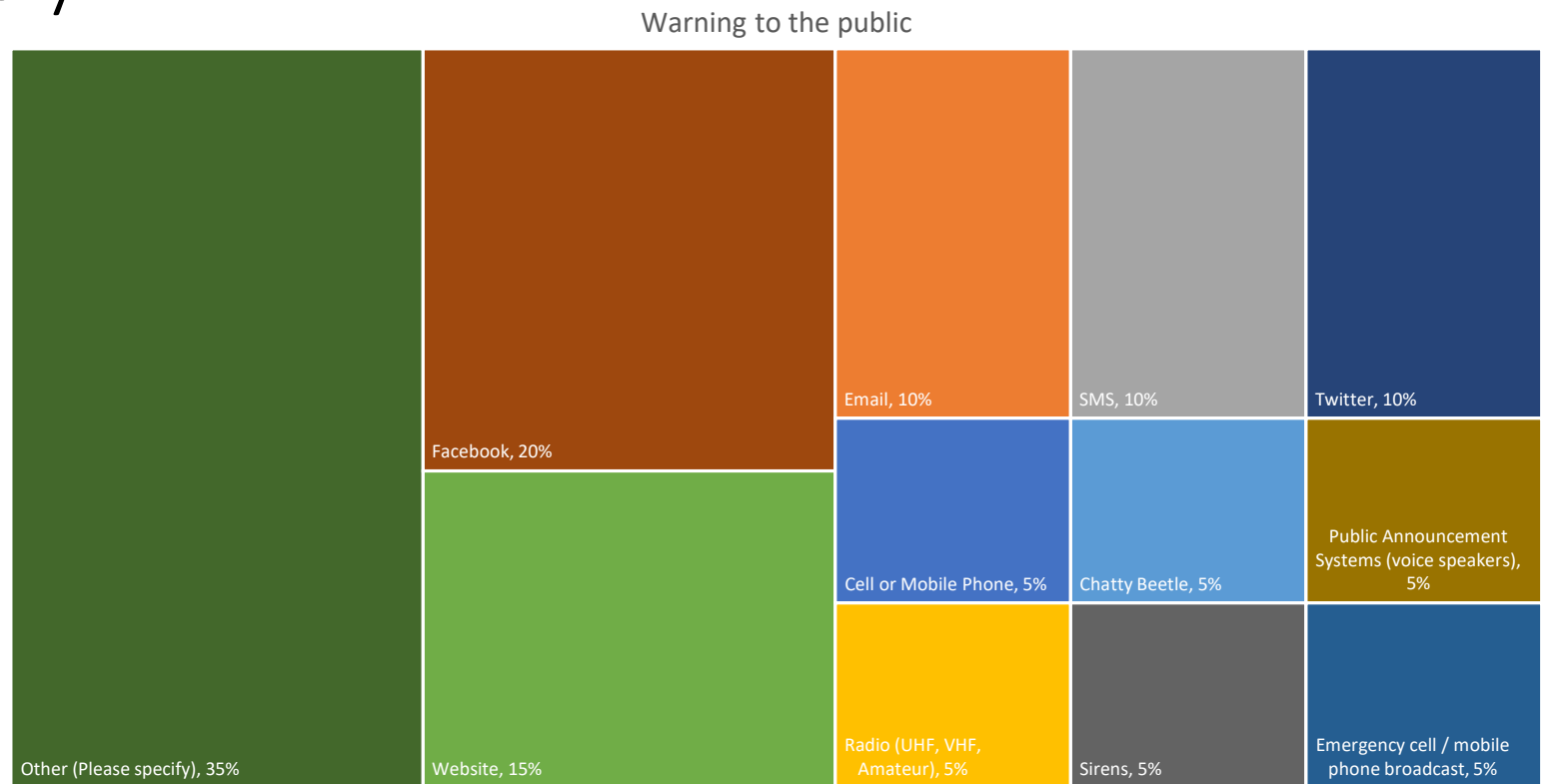
## 2.1 The warning was disseminated to:



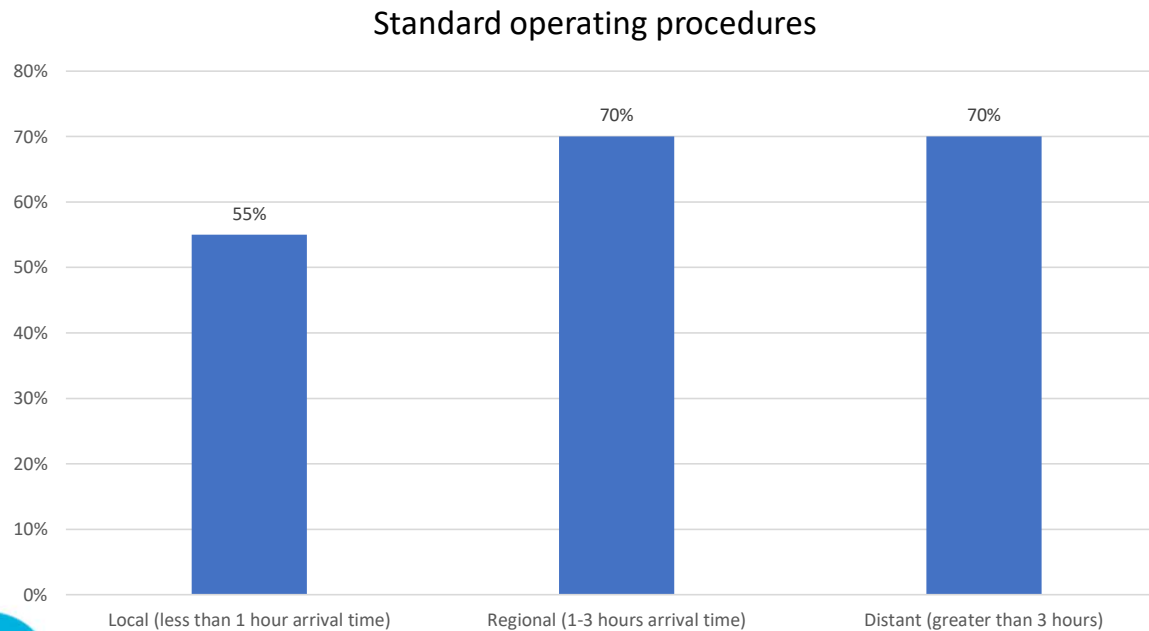
2.3 How did you send the warning to emergency, national, science, and local government agencies in Q2.1? Tick all that apply.



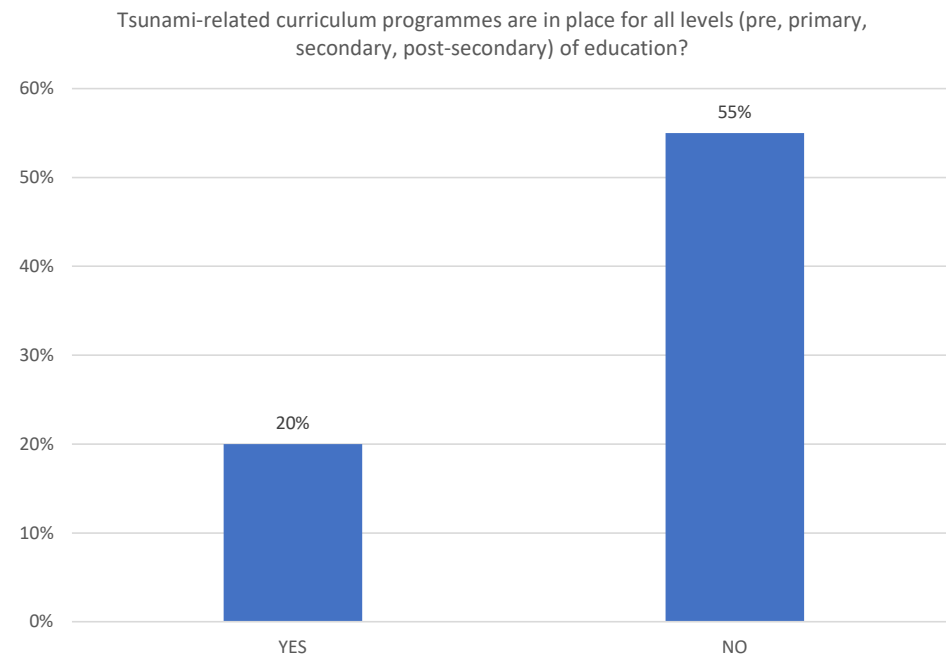
## 2.4 How did you send the warning to the Public? Tick all that apply.



2.16 A country tsunami emergency response plan (standard operating procedures) for tsunamis exists? Tick all that apply.



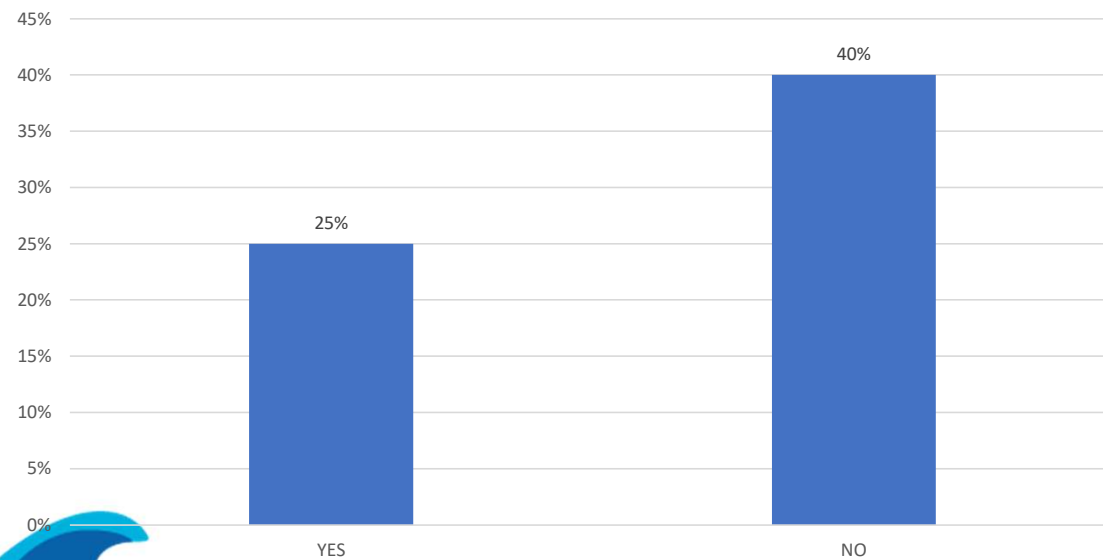
2.20 Tsunami-related curriculum programmes are in place for all levels (pre, primary, secondary, post-secondary) of education?



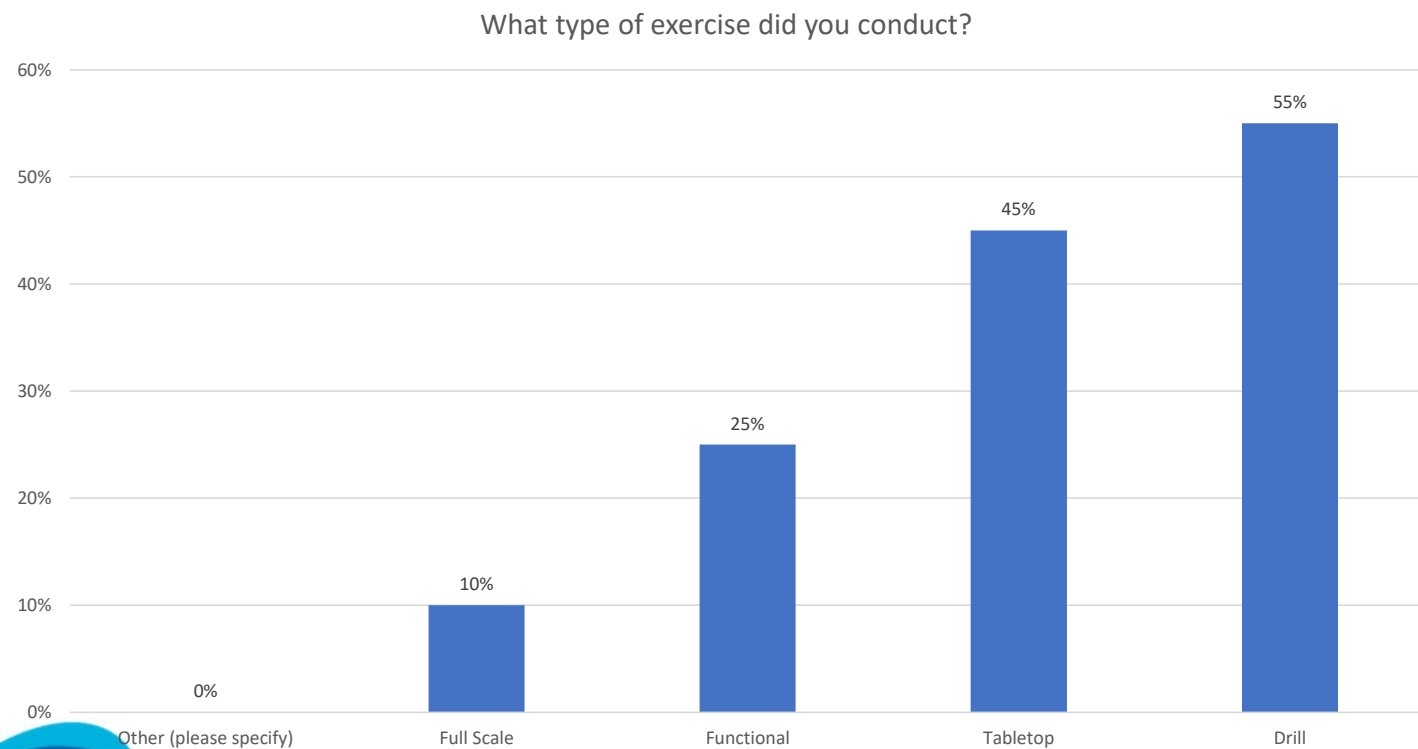


## 2.21 All tsunami-vulnerable communities have tsunami evacuation maps, signage, and assembly points for evacuation?

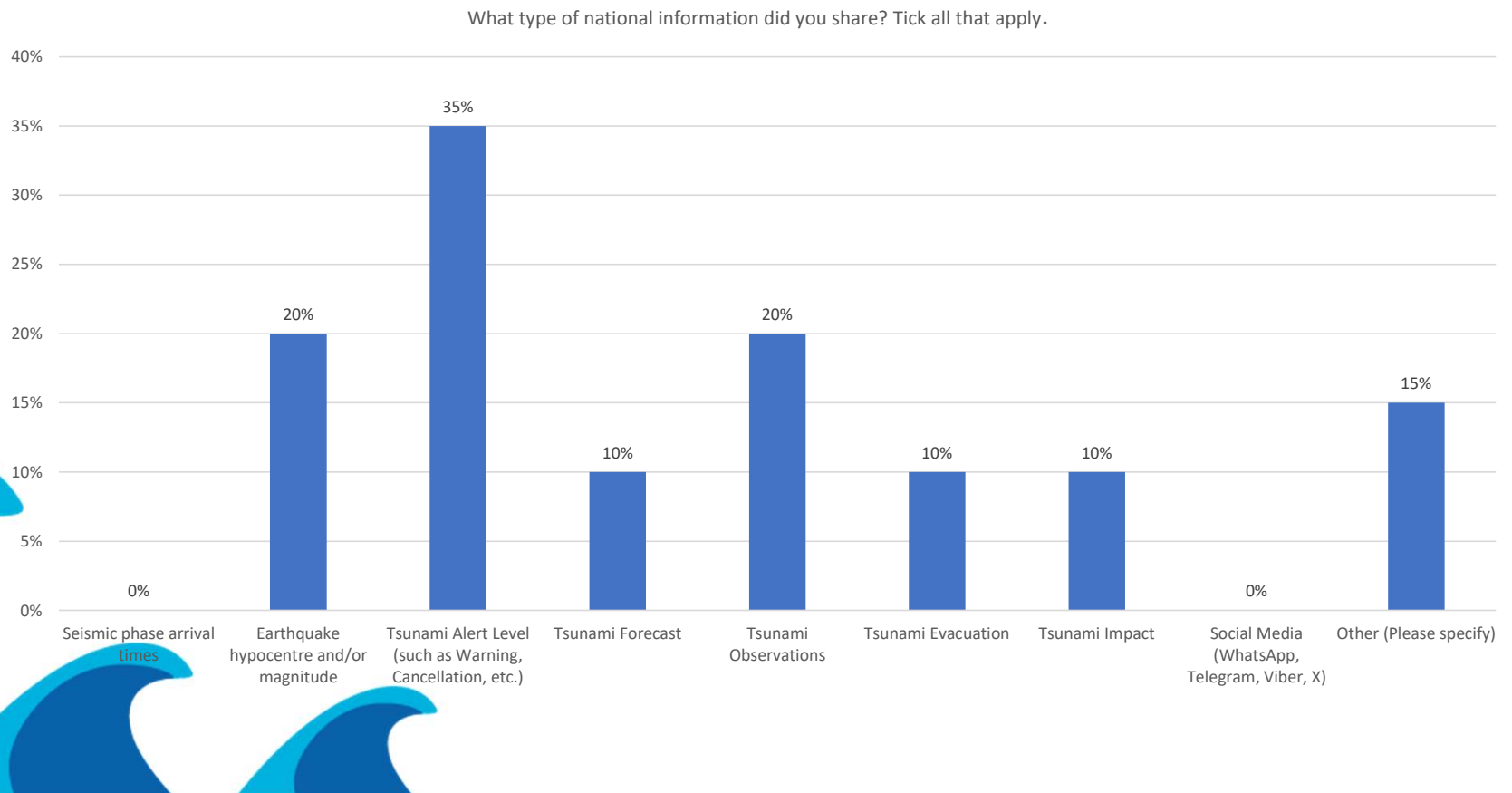
All tsunami-vulnerable communities have tsunami evacuation maps, signage, and assembly points for evacuation?



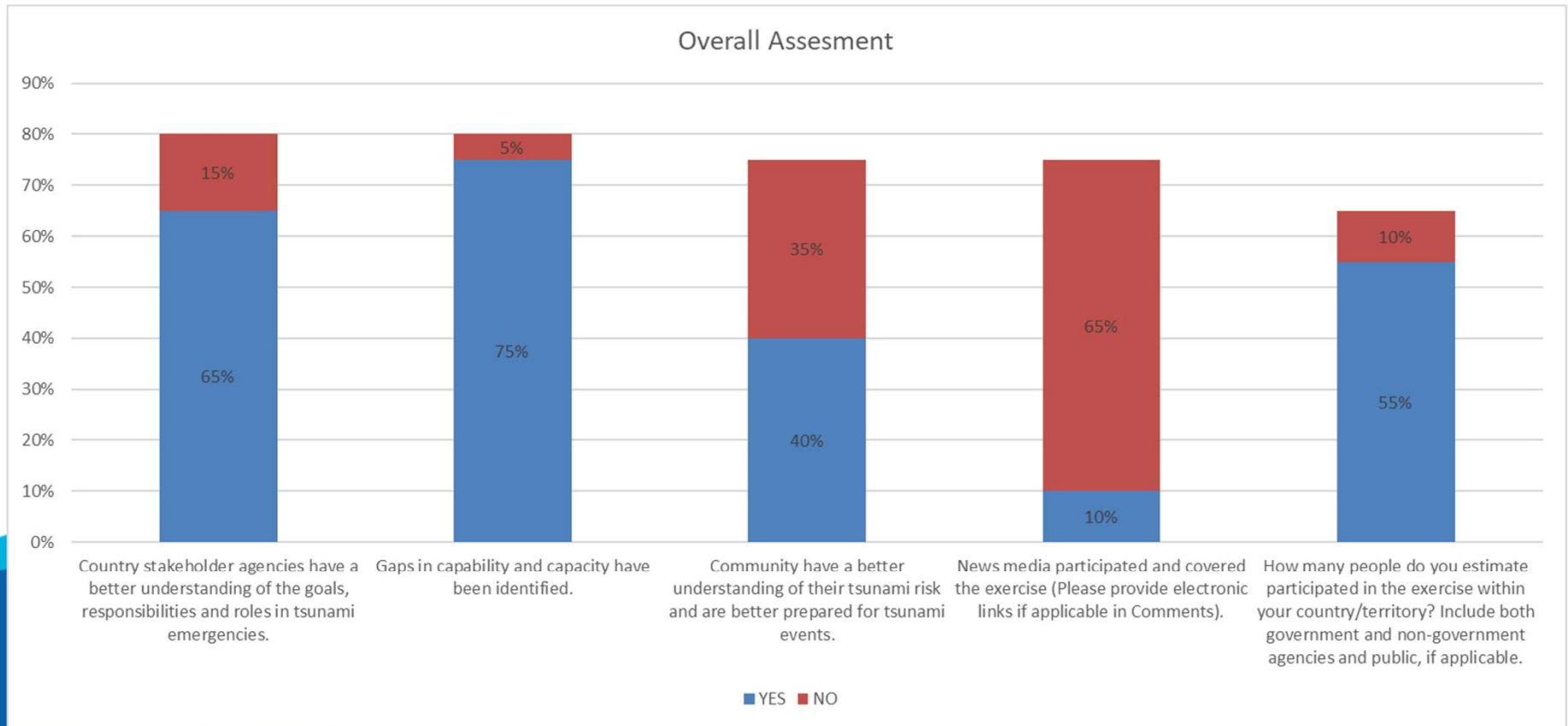
## 2.22 What type of exercise did you conduct?



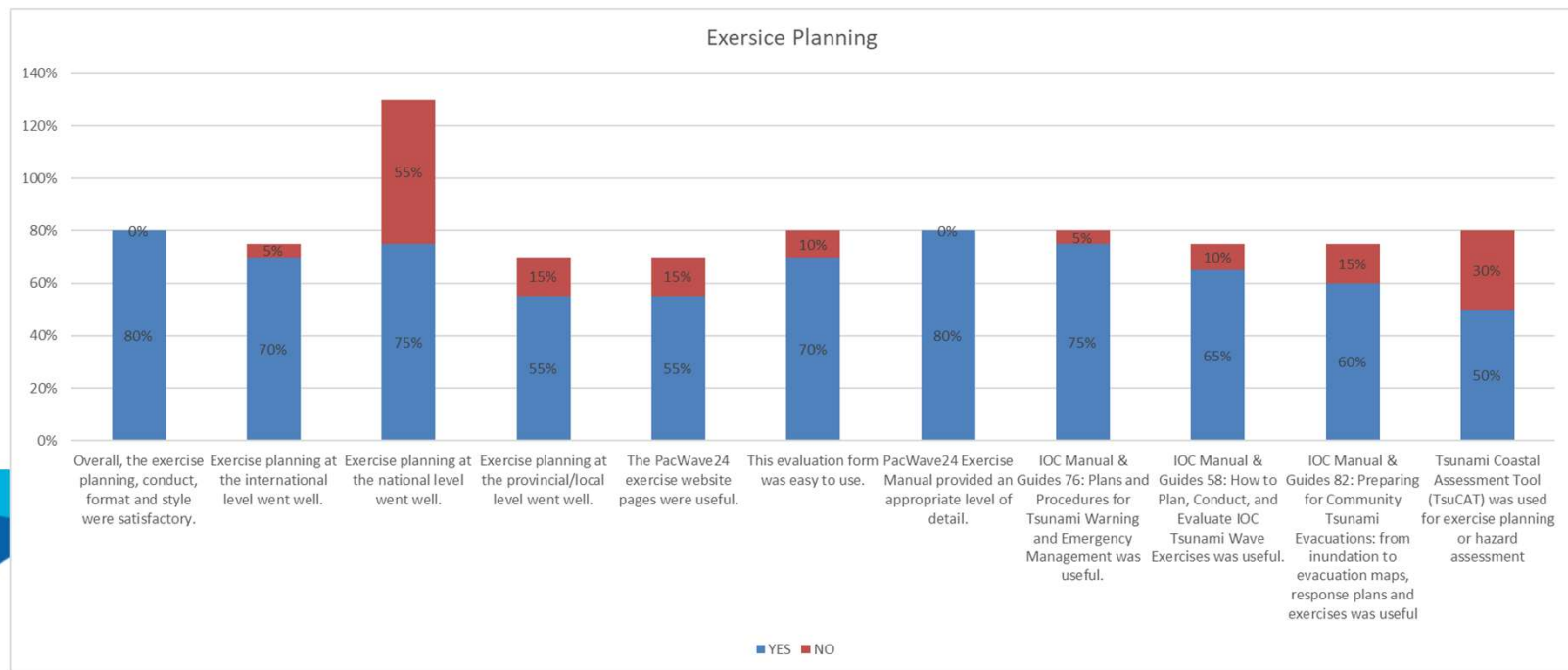
## 3.6 What type of national information did you share? Tick all that apply.



# Overall assessment



Exercise planning (please make comment for each in the comments section)



• Answered: 18 Skipped: 9

# PacWave26



what kind of scenarios are in the interest of member states.

do we as a committee have any specific needs that need to be trained?

for the different regions present at this meeting.

What kind of scenarios they are interested in training in their regions.

