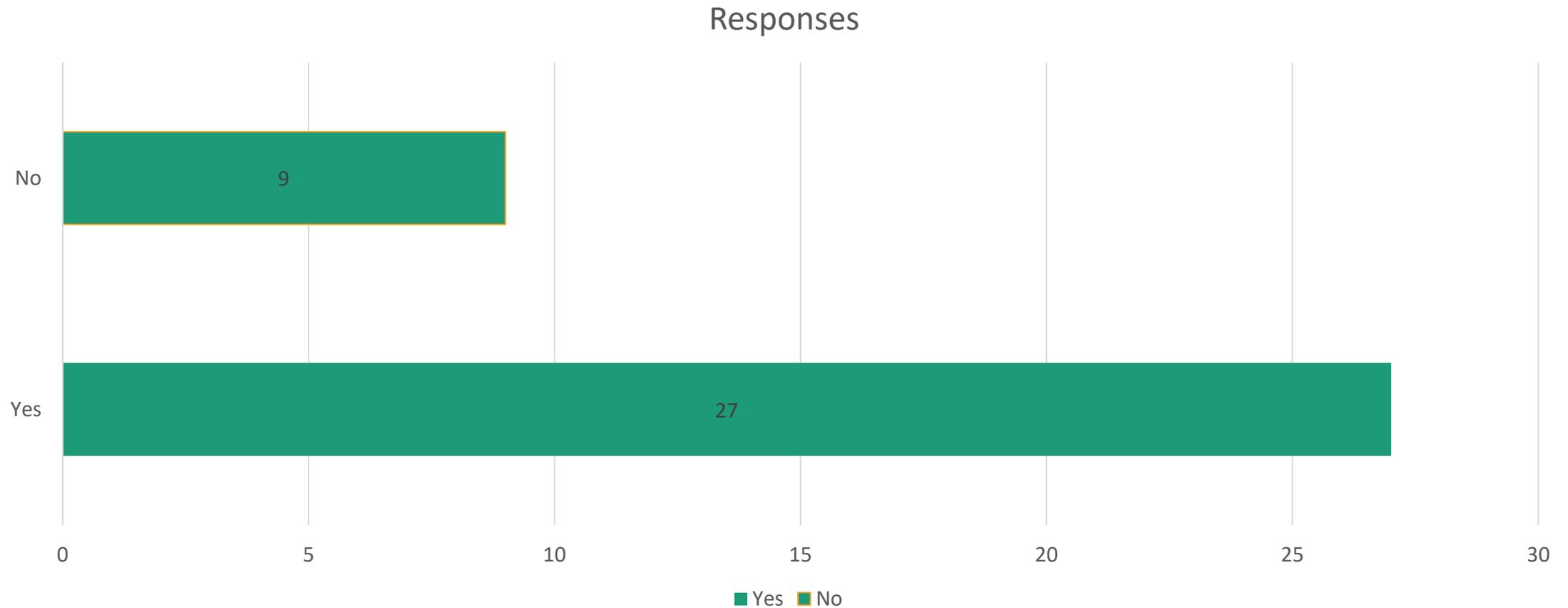


# 2022 AAPCO Pollinator Survey

*previous survey, 2019*

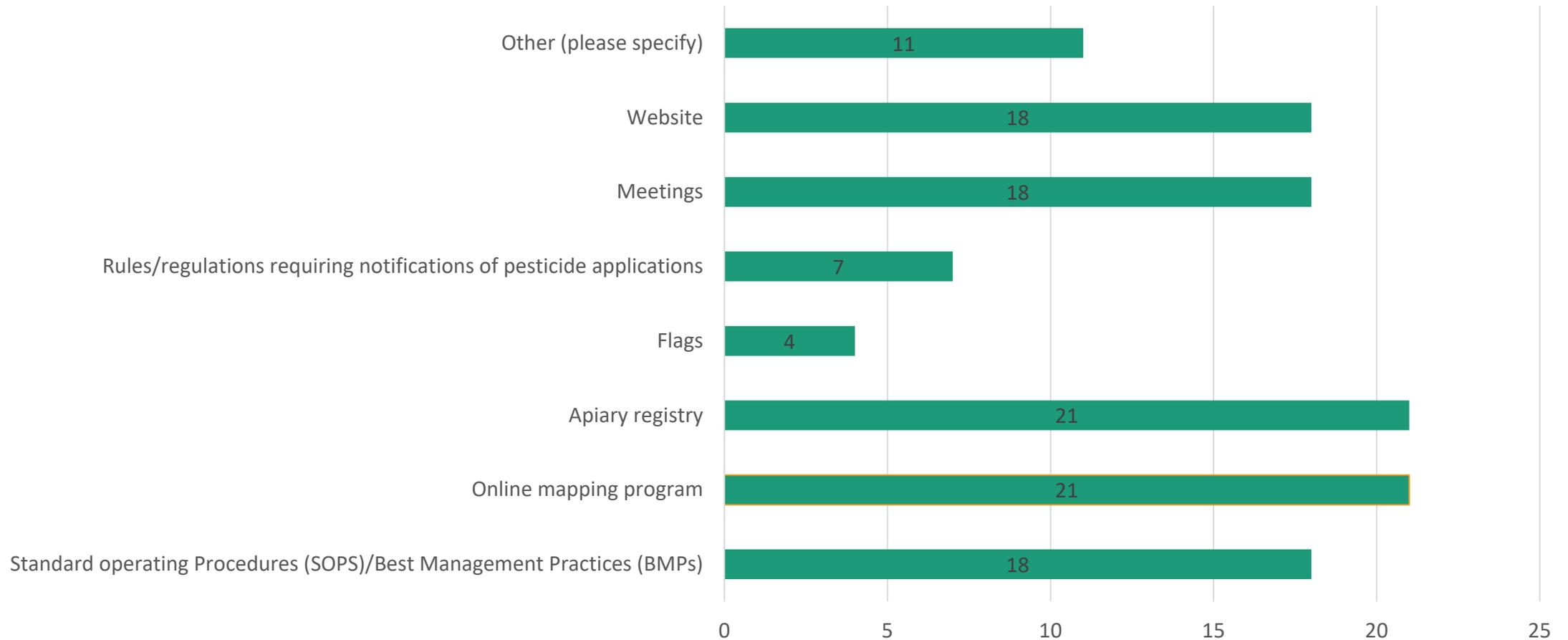


# Q1: Does your state have or are you in the process of developing a managed pollinator protection plan?

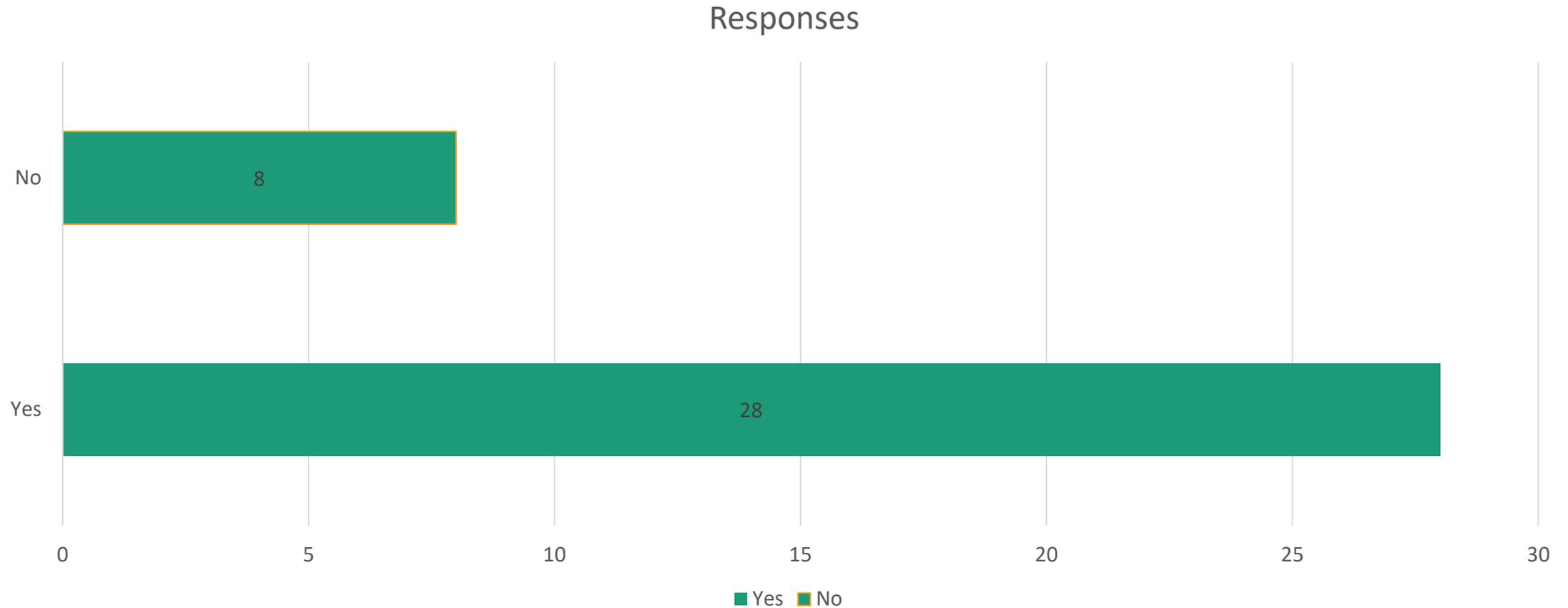


Q3: What **method(s)** is (are) being used in your state to increase **communications** between pesticide users and beekeepers? (please check all that apply).

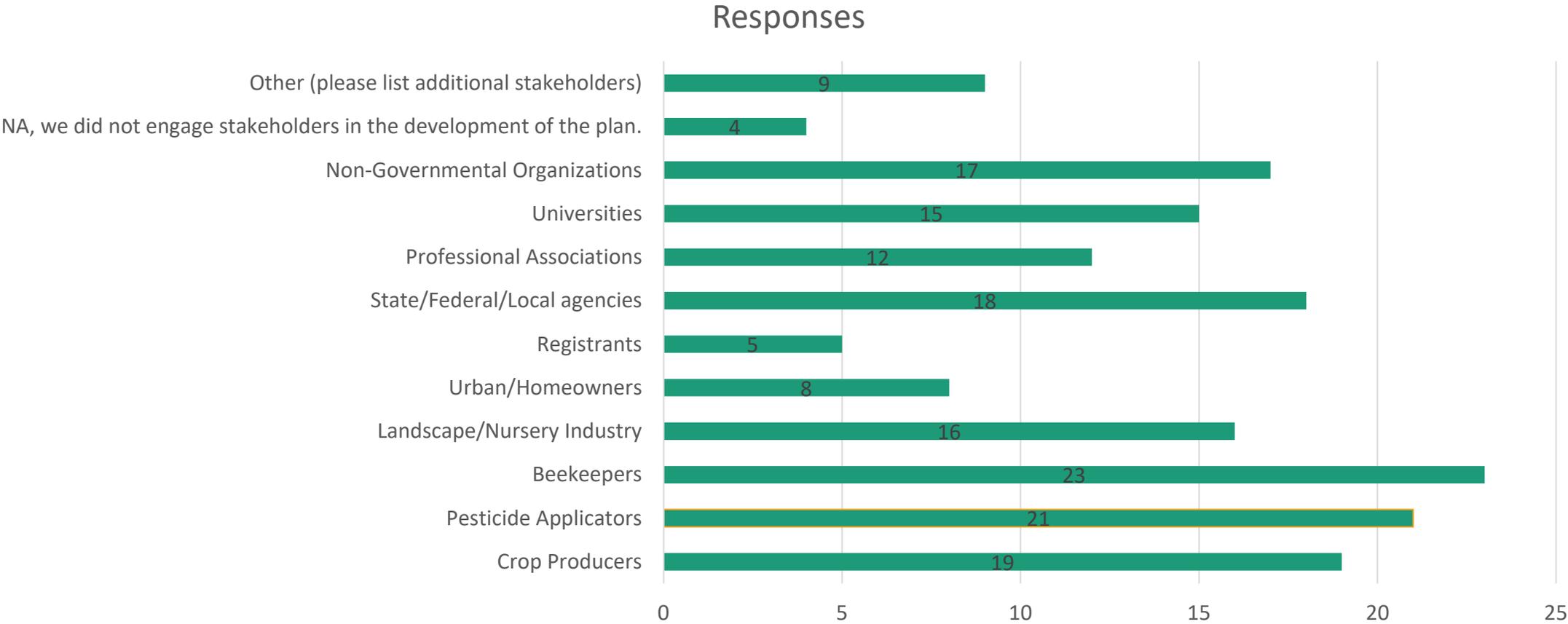
Responses



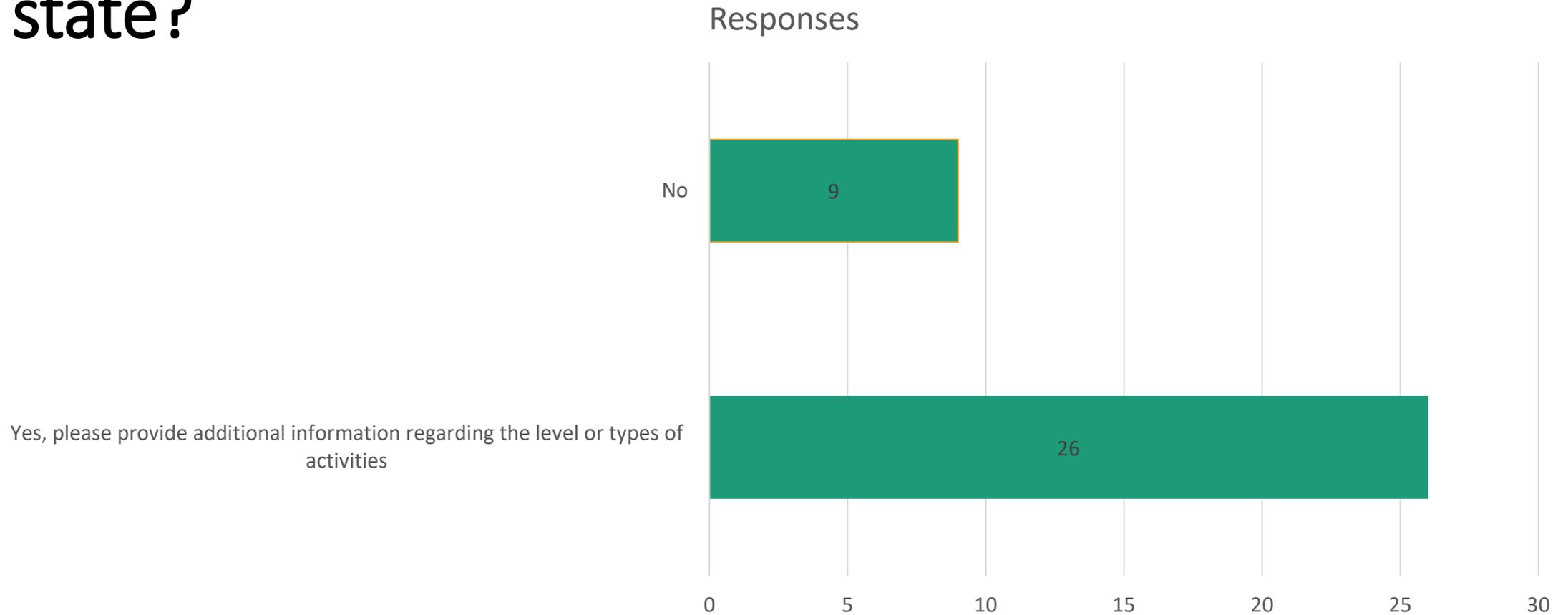
Q4: Does your pollinator plan include **written SOPs** or **BMPs** to reduce pollinator exposure to pesticides? (no comments)



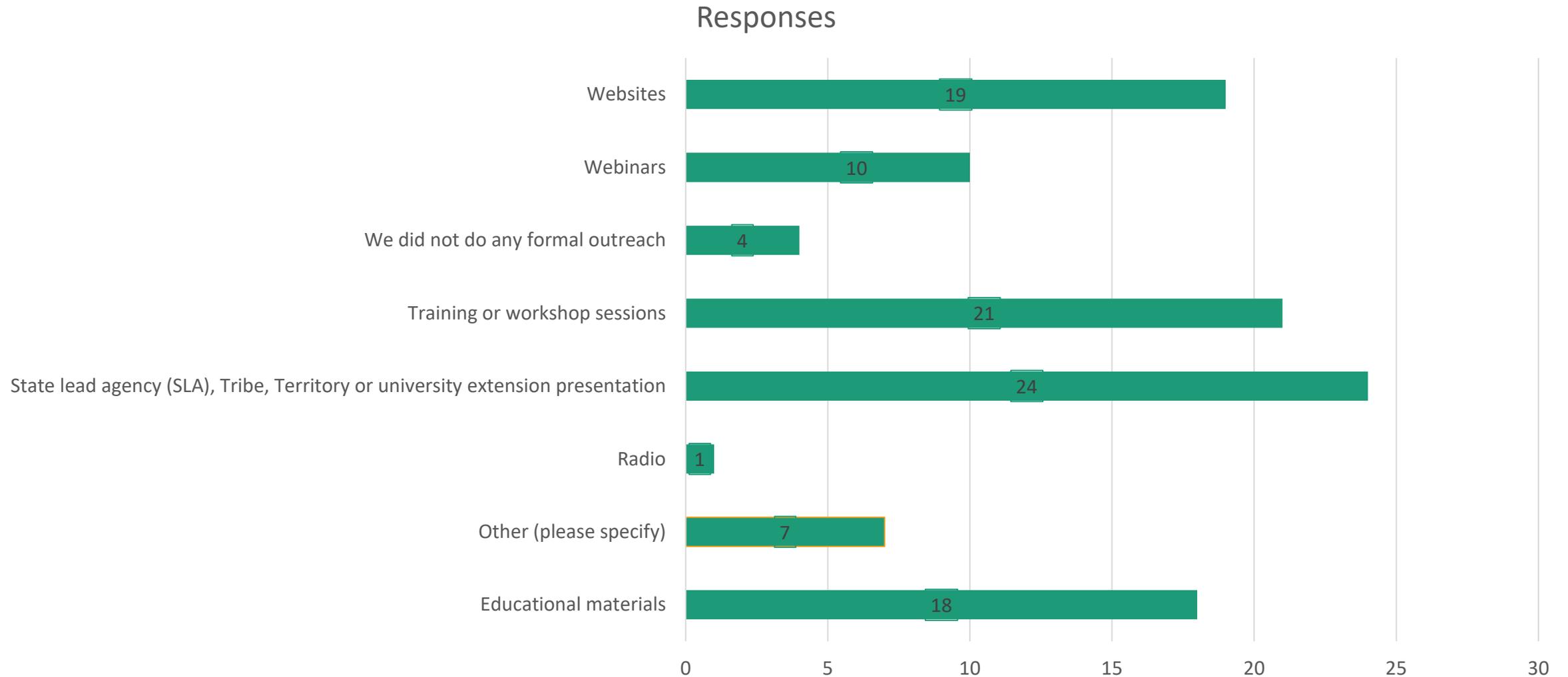
# Q6 : If you included **stakeholders** in the development of your state managed pollinator protection plan, did you engage (please check all that apply):



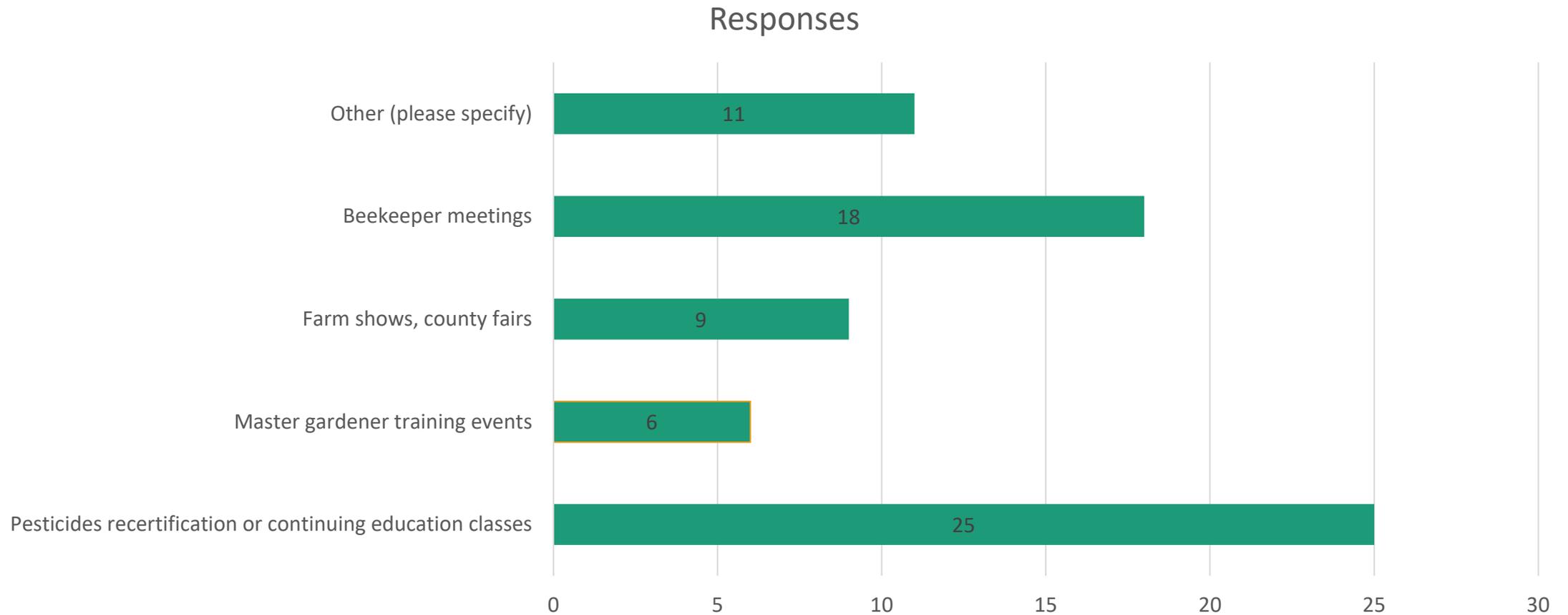
Q7: Are you **coordinating activities** or trainings with other agencies, university-extension or non-governmental organizations (NGO) within your state?



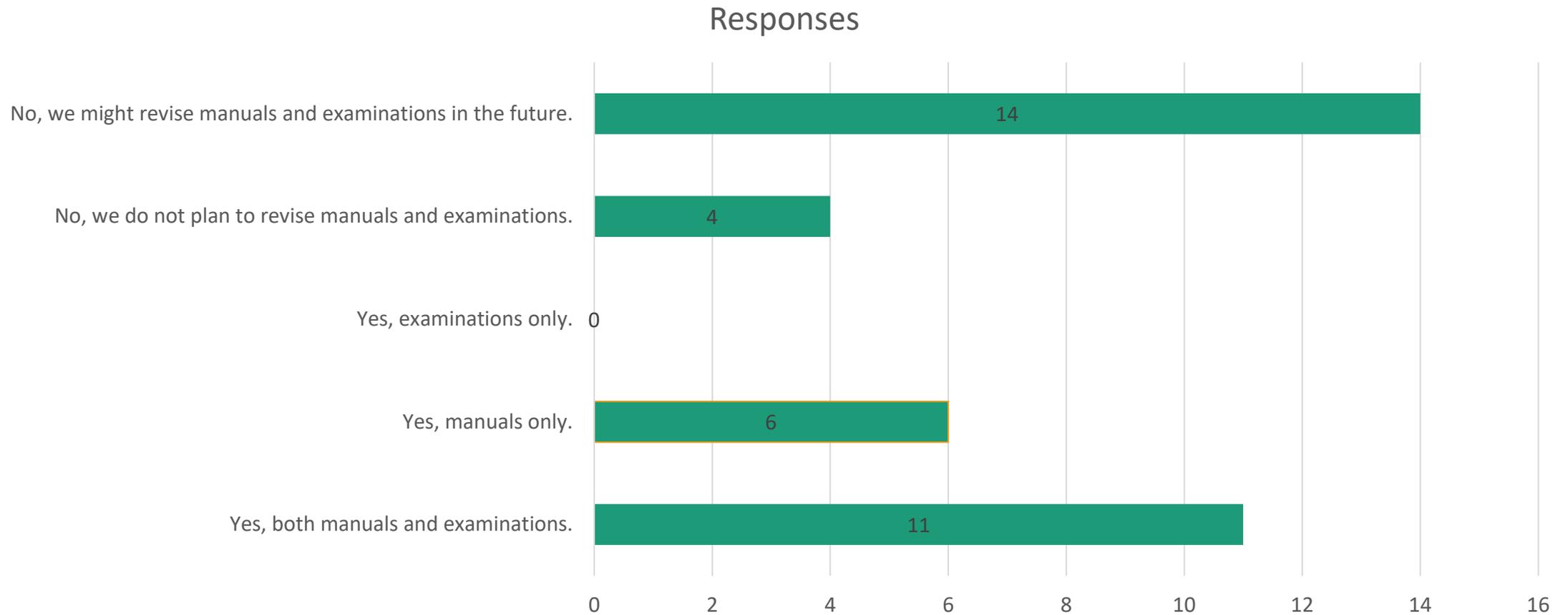
# Q9: What **methods** were used for outreach? (please check all that apply)



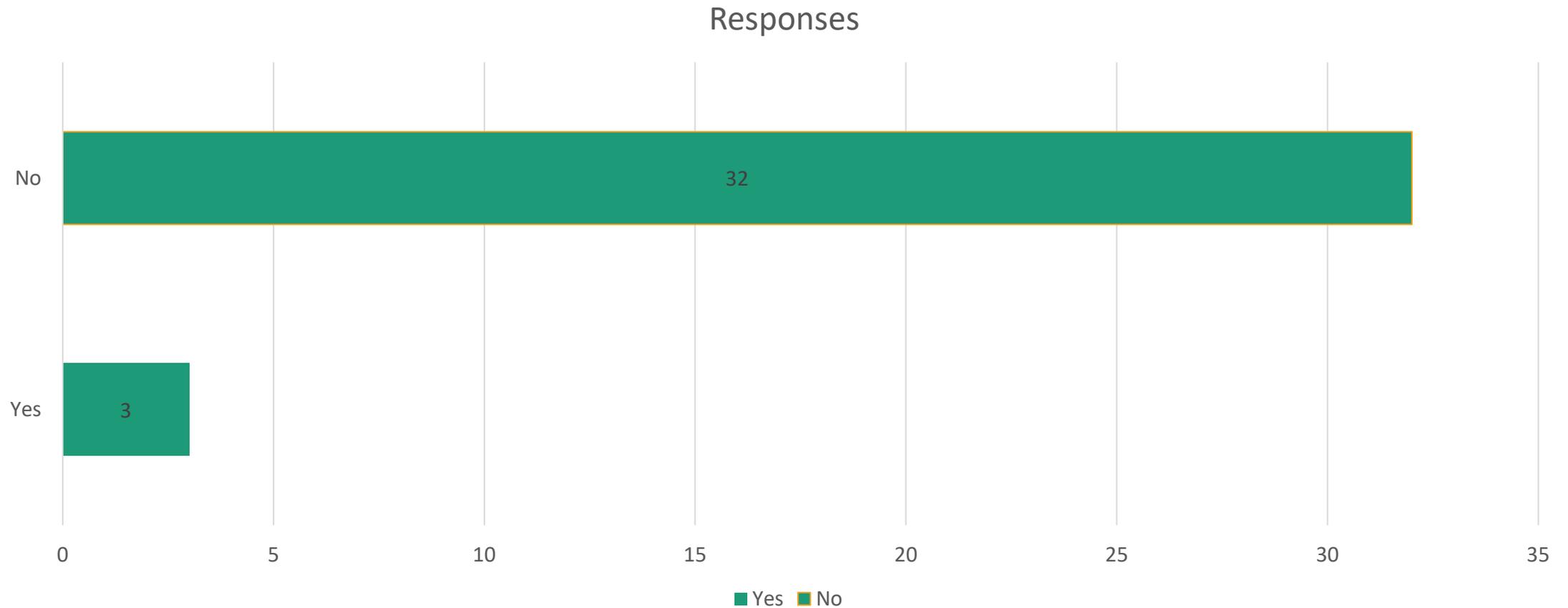
# Q10: **Where** were these meetings conducted? (please check all that apply)



# Q11: Have you modified any of your certification **manuals or examinations** to include pollinator protection?



Q12: Have you been holding yearly or periodic stakeholder meetings to **review and/or revise** your state managed pollinator protection plan?



# Q15: Please estimate the **make-up** of your beekeeper population by percent of total: (no comments shown)

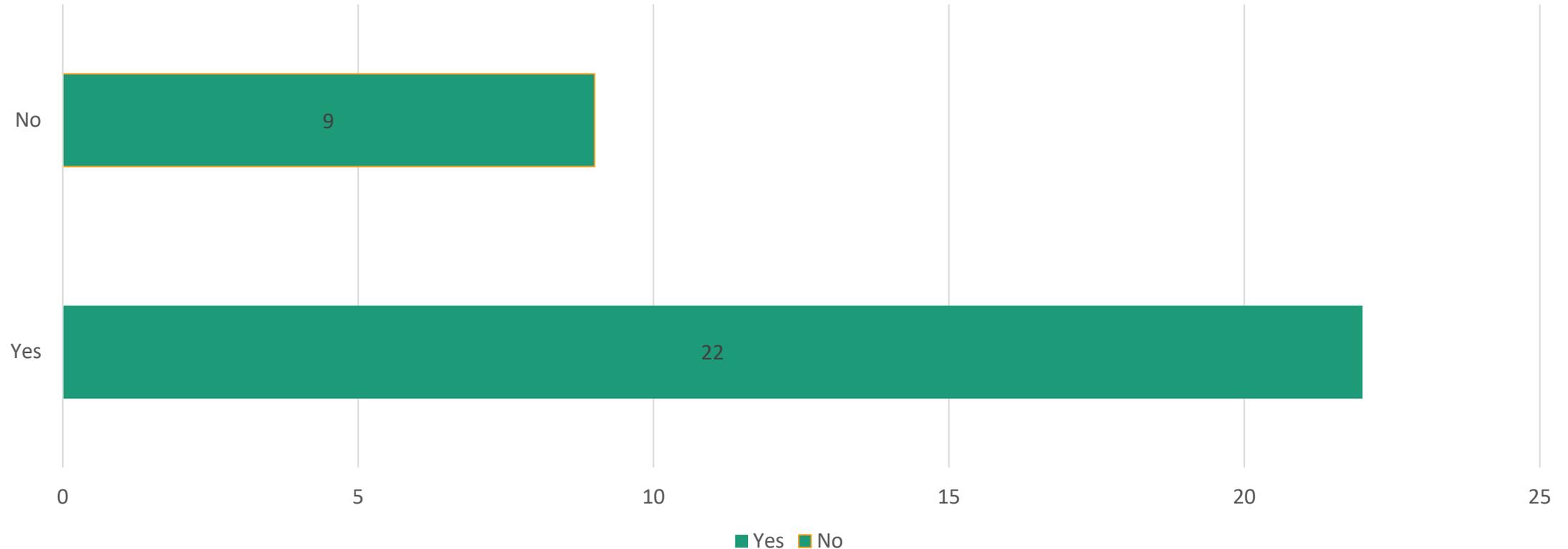


Q17: In the last calendar year, how many tips/complaints/reports of an alleged pesticide exposure to bees (**bee kills**) have been received and how many have been investigated by your agency?



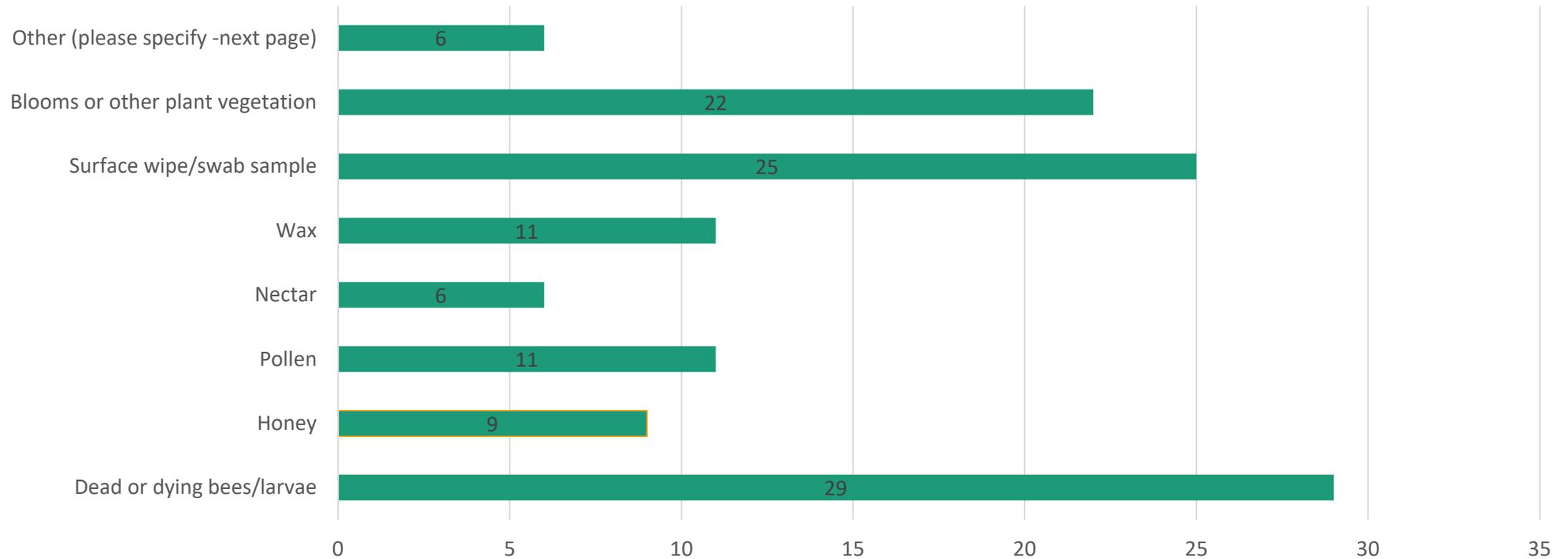
Q18: When investigating a tip/complaint/report alleging pesticide exposure to bees, **do you coordinate inspection/investigation activities** with your state apiary program or university experts? (no comments)

Responses

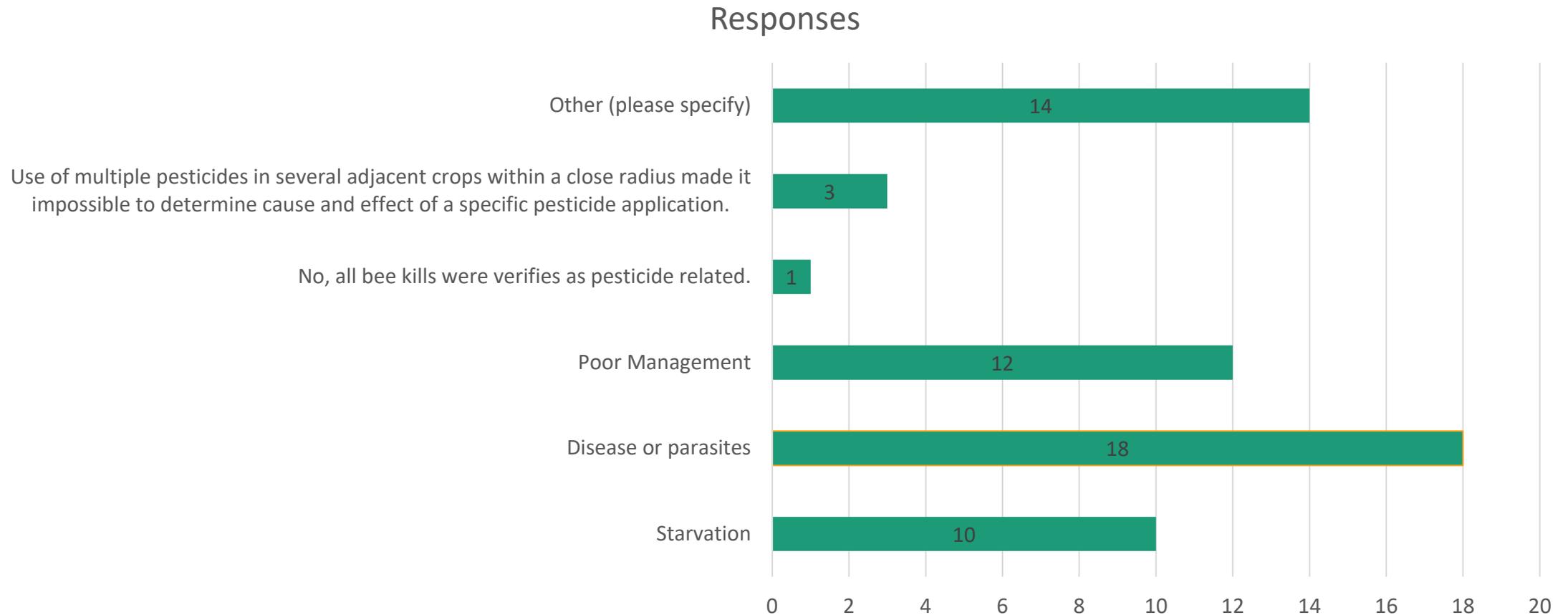


# Q20: If you conduct **sampling** in response to a complaint, indicate the types of samples analyzed: (please check all that apply)

Responses

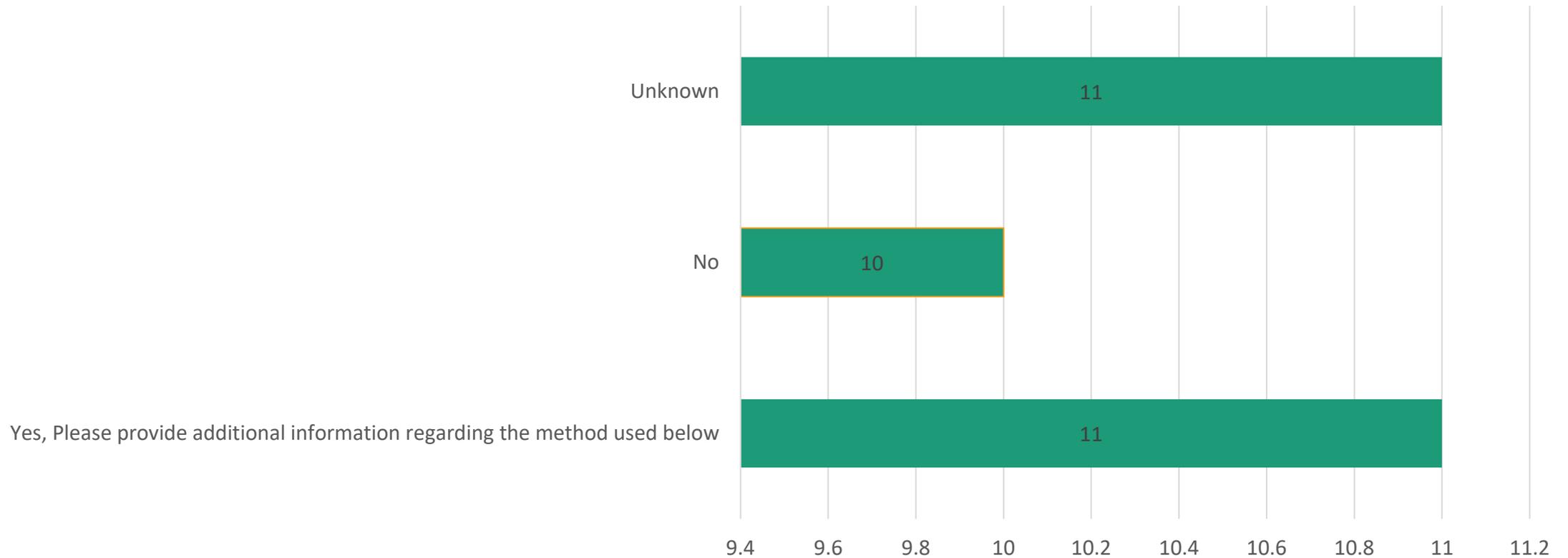


Q22: If you have had one or more tips/complaints or reports alleging pesticide exposure to bees, were there **contributing factor(s) other than pesticides** that resulted in the bee kill? (please check all that apply):



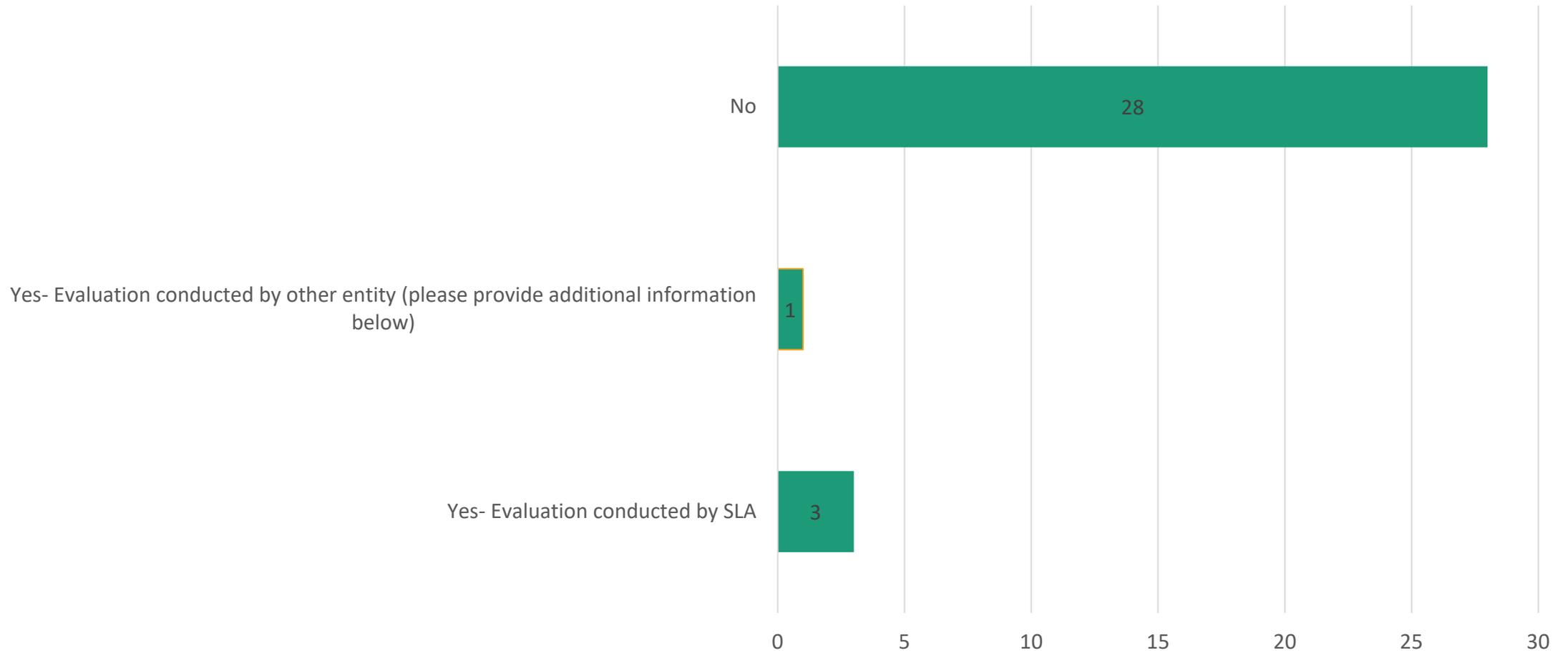
Q23: Has or is your state (SLA, university, cooperative extension) undertaken **activities to measure pesticide exposure to bees**, for example, by collecting data quantifying the levels of pesticides detected in pollen or other substrate; or by some other means?

Responses



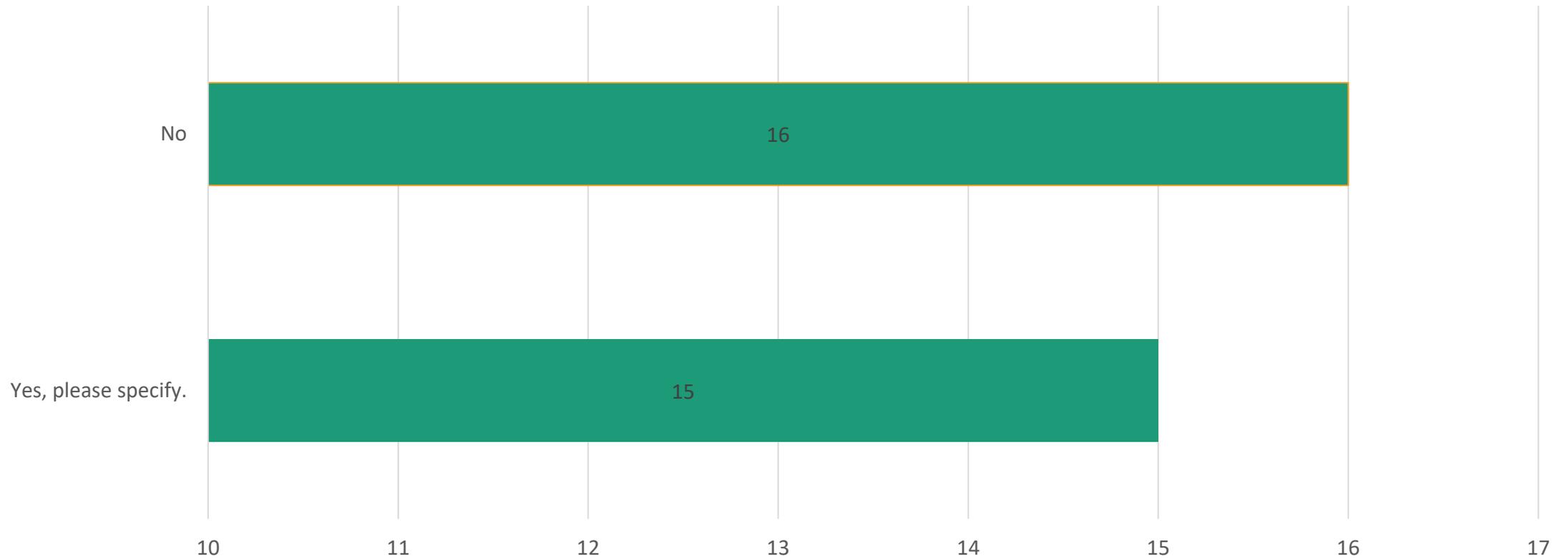
# Q24: Has your agency or another entity evaluated your state plan based on **metrics** or another tool?

Responses



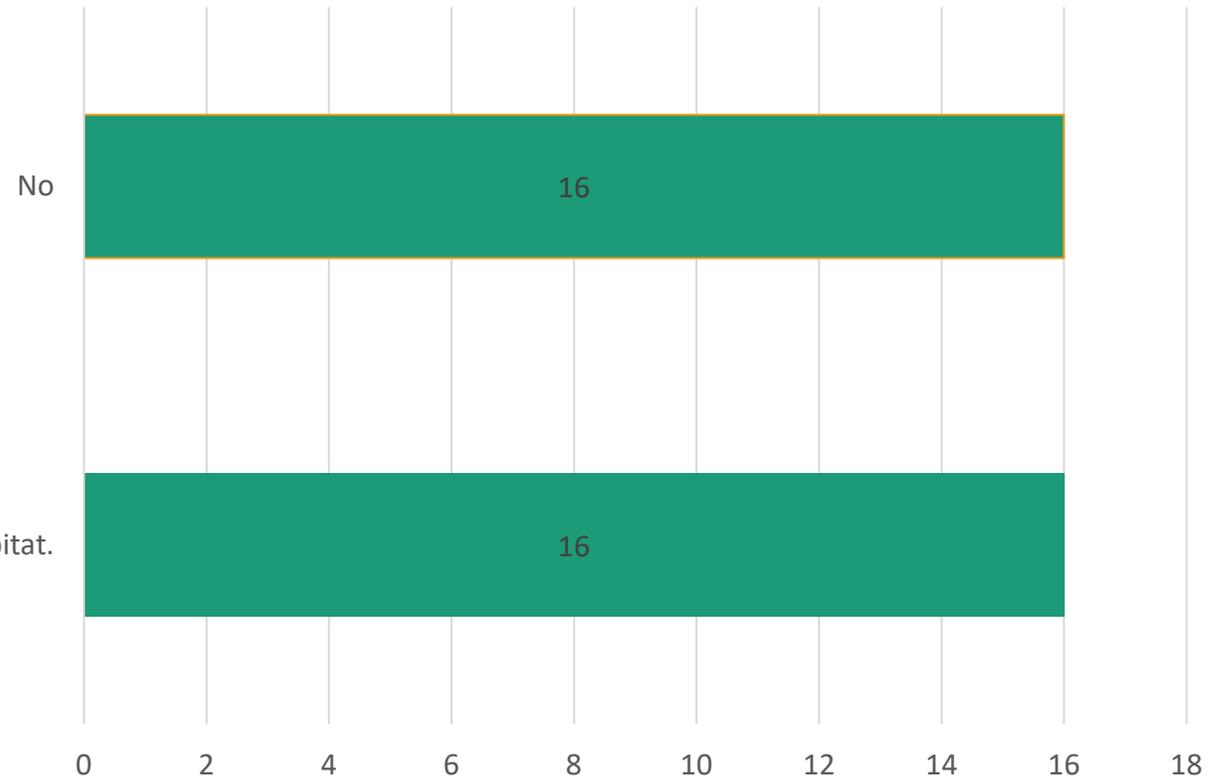
# Q27: Is your state/tribal agency working actively with other groups on pollinator protection activities or **anything outside of your plan?**

Responses



# Q28: Does your state have, as part of its plan, a provision to help increase pollinator habitat?

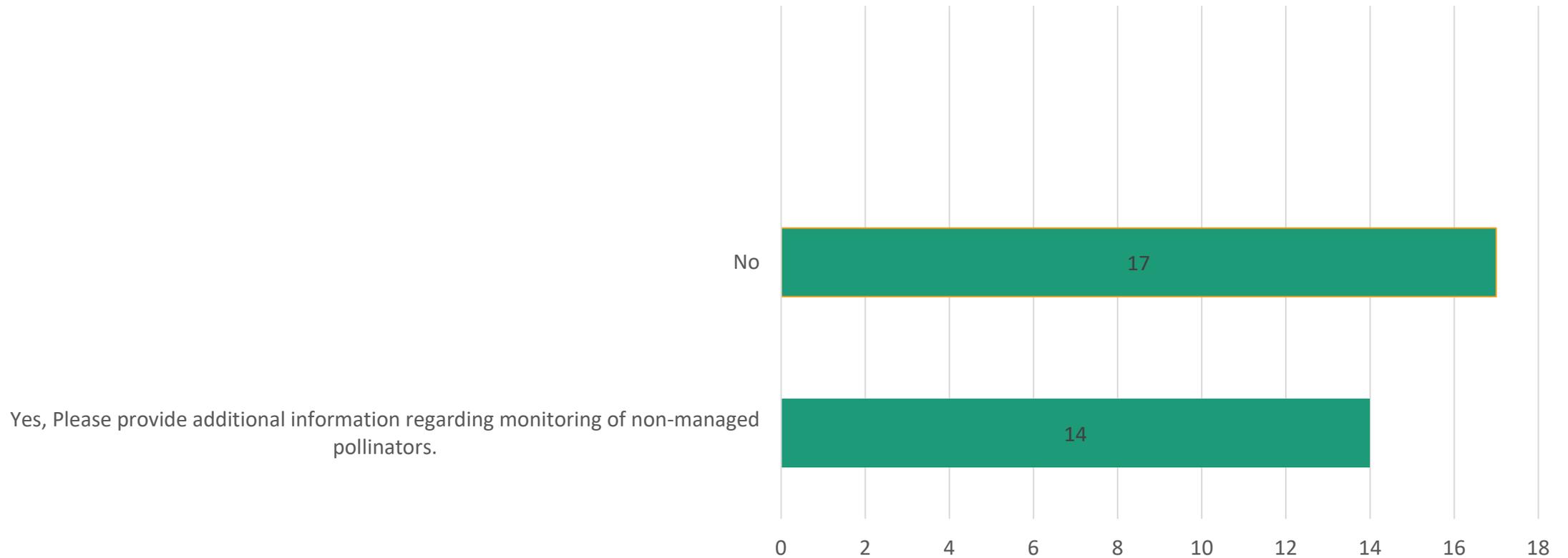
Responses



Yes, Please provide additional information below regarding pollinator habitat.

Q29: Is your state **monitoring or surveying** pollinator population levels of **non-managed pollinators** or the distribution of non-managed pollinators, i.e., native bees, butterflies, etc.?

Responses



## Q30: Please share any **other activities** or information regarding your pollinator protection plan that demonstrates the **success** of your plan.

7. In addition to writing an MP3 in 2018 and establishing the Pollinator Health Task Force in 2019, WSDA also worked extensively with the alfalfa seed growers and WSU to create a specific MP3 for them. The Alfalfa Seed Crop MP3 is used extensively and has captured many years of BMP's that this industry has been practicing. The alfalfa seed growers manage their own varieties of pollinators—leaf cutter bees and alkali bees that are native to SE Washington. It has always been in the best interest of the Alfalfa Seed Growers to protect these pollinators as they help produce their seed crop. This industry is years ahead of most growers in terms of protecting pollinators, as it is part of their daily life and farming practices all year. This document won an award from the Entomological Society of America in 2018. See the Alfalfa Seed Production MP3 at: <https://s3.wp.wsu.edu/uploads/sites/2168/2017/10/alfalfa-seedmp3.pdf>

8. Nothing else to share.

9. N/A

10. We do not have a plan

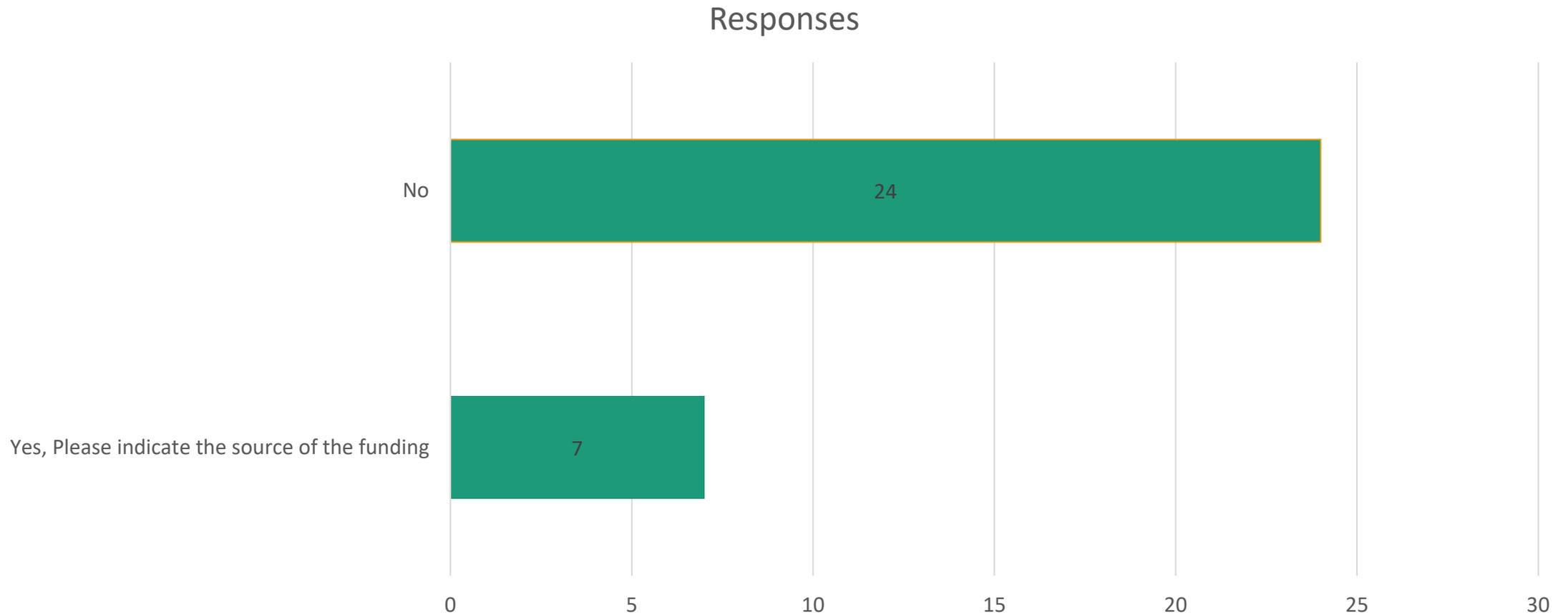
11. N/A

12. The fact that our apiary listing program is voluntary and both applicator and beekeeper remains anonymous. Increased participation in Pollinator Poster Contest, with roughly 200 participants each year.

13. N/A

14. N/A

Q32: Is your SLA or the entity **responsible for implementing** the pollinator plan, receiving specific funding for these activities?



## Q33: If available, what would your state do **if adequately funded?**

### RESPONSES

1. Would need to be evaluated based on amount and duration of funding and staffing levels.
2. Unknown.
3. Increase funding at various universities, etc. for pollinator research on forage, climate change, pesticide impact and improving pollinator habitat. Increase outreach presence at county fairs, state farm show, and other events involving nature and pollinators
4. Increase education and outreach, revise current MP3 to be less generic.
5. Iowa would evaluate federal funding opportunities if available, to improve and expand existing programs.
6. Increase educational activities
7. Increased outreach activity.
8. Re-establish a robust statewide apiary program to collect data, monitor bee health, assist on bee death case investigations and enforce regulations on commercial and hobby beekeepers to support and protect pollinator health.
9. UNL has indicated that they would probably develop an MP3 that is written with a clear course of actions and achievable objectives.
10. Utilize the data from the statewide pollinator study to enhance pollinator habitat in specific areas of the state.

Complete AAPCO MP3 Survey Results Can Be Found at :

<https://aapco.org/surveys-1998-to-present/>