

[Research Summary (Preliminary Version)]  
**Survey of Japanese Nursing Professionals  
Regarding Climate Change and Health**

**Health and Global Policy Institute (HGPI)**  
**September 11, 2024**

# Summary of Survey Results



# Summary of this Research

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**Purpose:** To determine the extent of Japanese nursing professionals' knowledge and awareness of climate change and its impact on health, as well as their professional views and needs.

**Method:** Using an online self-administered questionnaire distributed through the PLAMED Inc. recruitment service platform.

**Survey population:** 1,200 nursing professionals (nurses, public health nurses, midwives) from Japan

**Survey period:** August 26, 2024 – August 31, 2024

**Ethics approval:** Obtained from the Ethics Committee of Niigata University  
(Ethics approval number: 2023-0358)

**Research funding:** Health and Global Policy Institute



# Four Key Findings

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1. **72% of the responses indicated that climate change is an important issue for nursing professionals**

The top reasons for why climate change is an important issue included opinions such as **"it is related to life and has a strong connection to the field of healthcare," "it is necessary to address it for the sake of future generations,"** and **"the field of healthcare also has a negative impact on the environment."**

2. **80% of the responses indicated that they believe it is necessary for nursing professionals to learn about "climate change and health"**

The main reasons for the need to learn included opinions such as **"it is a life issue that nurses need to be aware of," "we need to better understand the negative impact of healthcare on the environment,"** and **"we believe it is necessary to take action in the future for the sake of the patients we care for and future generations."**

3. **84% of the responses by the nursing professionals indicated a willingness to learn about "climate change and health."**

The top topics they would like to learn about included topics such as **"the impact on health and related diseases," "preparedness for emergencies such as extreme weather events,"** and **"practical methods for applying this knowledge in daily work."**

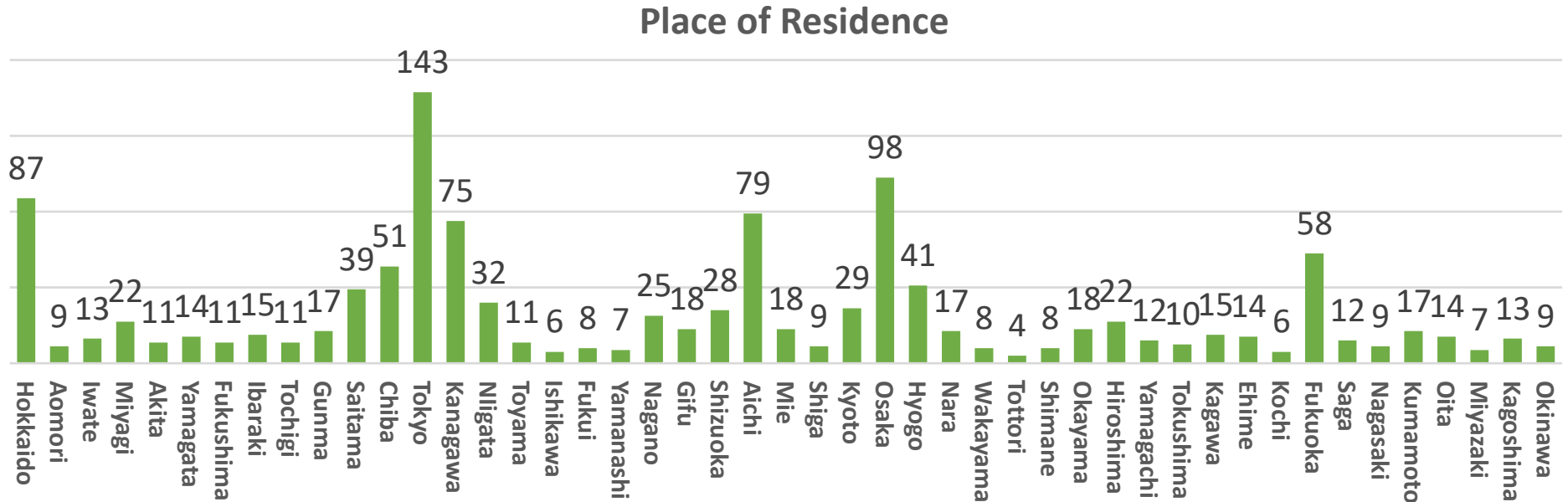
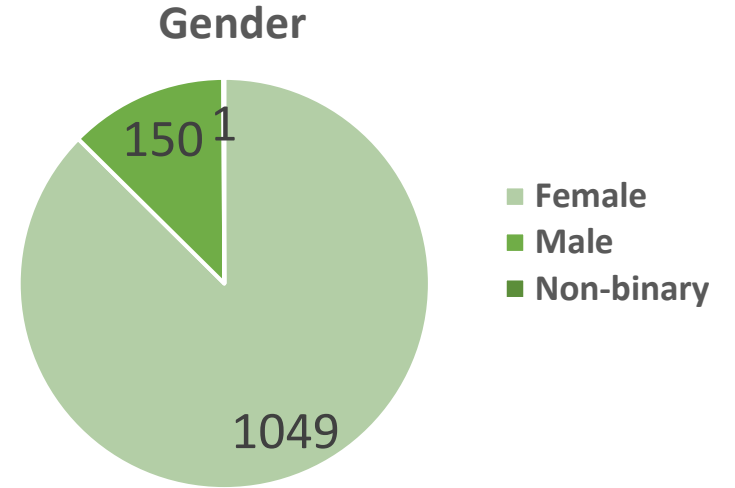
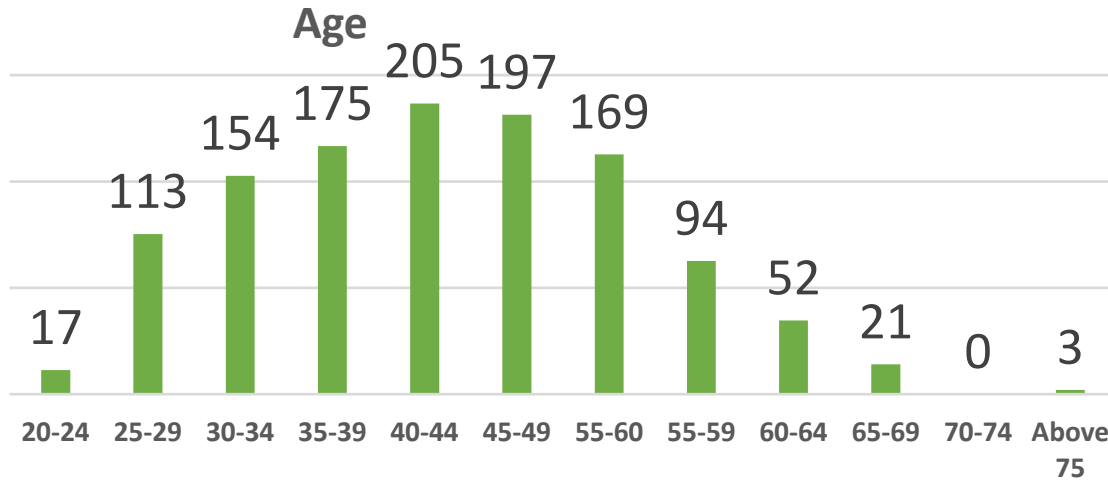
4. **69% of the respondents reported that outside of work, they provide health or medical information, advice, or support to those close to them, such as family, friends, and neighbors.**

# Details of Survey Results



# Respondent characteristics (gender, age group, place of residence)

(Conducted in August 2024, N=1,200)

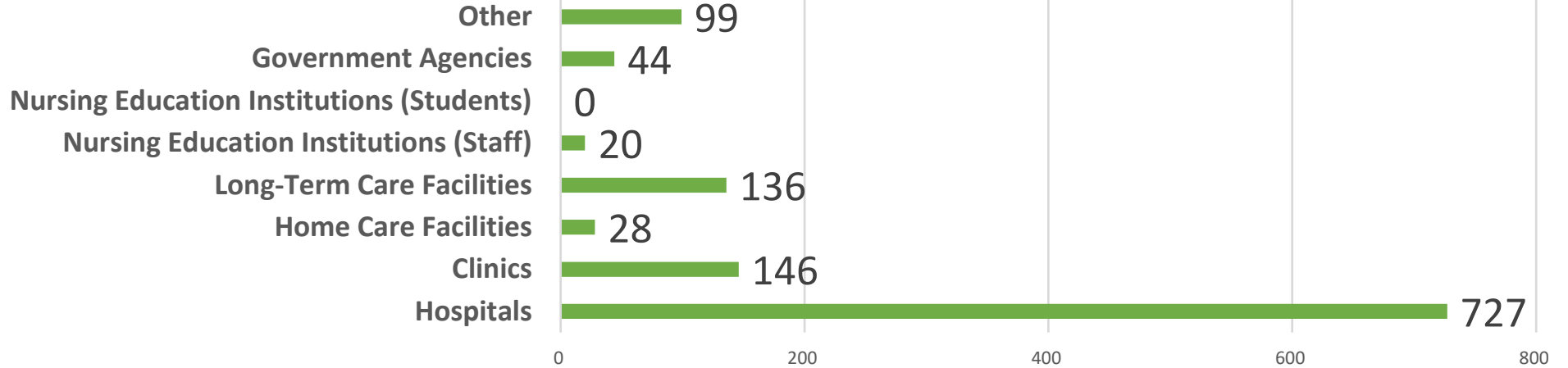




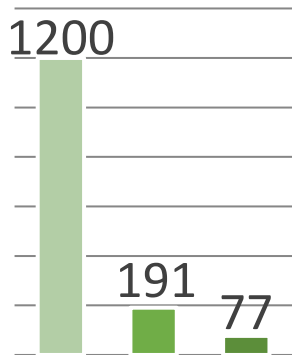
# Respondent characteristics (qualifications, years of experience, job title, facility classification)

Type of Primary Affiliated Facility

(Conducted in August 2024, N=1,200)

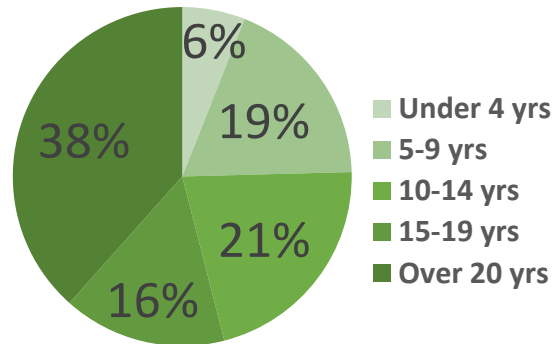


National Qualification Held  
(multiple responses allowed)



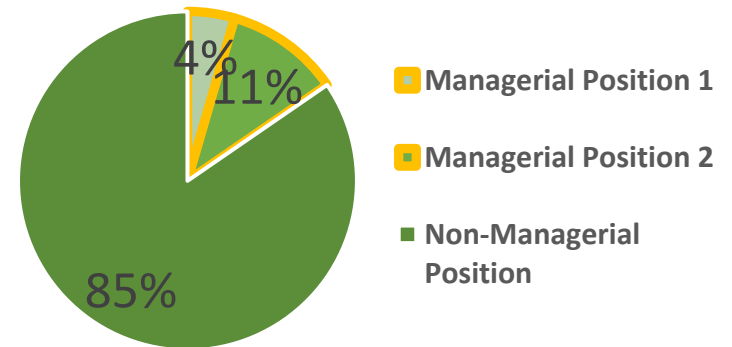
- Nurses
- Public Health Nurses
- Midwife

Years of Experience



- Under 4 yrs
- 5-9 yrs
- 10-14 yrs
- 15-19 yrs
- Over 20 yrs

Job Title



- Managerial Position 1
- Managerial Position 2
- Non-Managerial Position

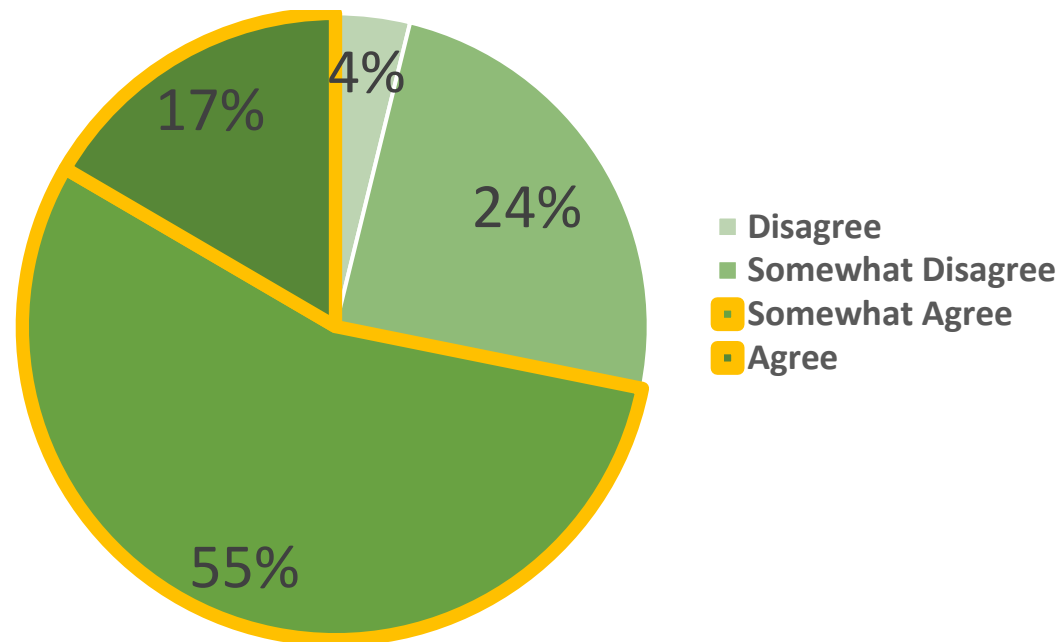
Managerial Position 1: Nursing Directors, Chief Nurses, Assistant Nursing Directors, Section Heads at prefectural or municipal offices, Director of home nursing station/welfare facilities, Deans of faculties, etc.  
 Managerial Position 2: Nurse Managers, Assistant Nurse Managers, Section Chiefs at prefectural or municipal offices, Supervisors, Department Heads, Professors, etc.



# Do you think climate change is an important issue for nursing professionals?

The WHO estimates that climate change will cause an increase of approximately 250,000 deaths per year between 2030 and 2050 due to direct or indirect effects. The International Council of Nurses (ICN) also stated in its 2018 Position Statement "Nurses, Climate Change and Health" that "[t]he nursing profession has a duty to contribute to climate change adaptation (reducing vulnerability to the harmful effects) and mitigation (reducing or preventing green house gas (GHG) emissions) as it is committed to protecting health and wellbeing and to promoting social justice."

(Conducted in August 2024, N=1,200)



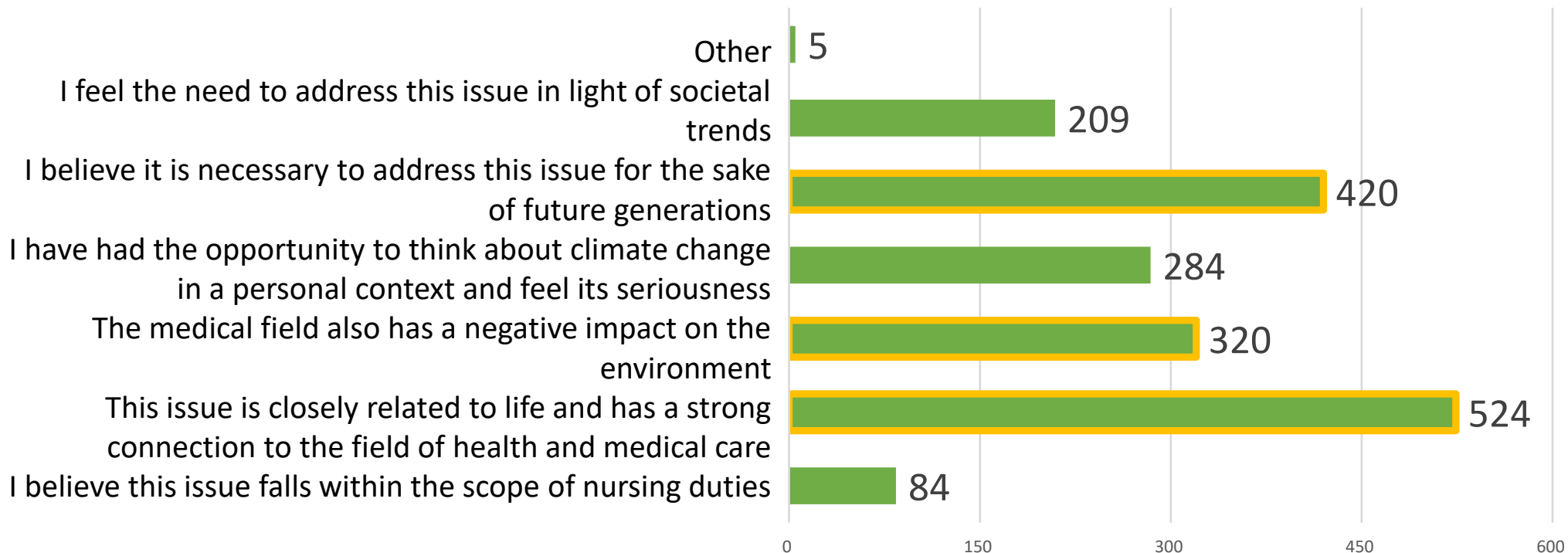




# Do you think climate change is an important issue for nursing professionals?

For those who answered **'somewhat agree'** or **'agree,'** what are the main reasons for thinking that way? (multiple responses allowed)

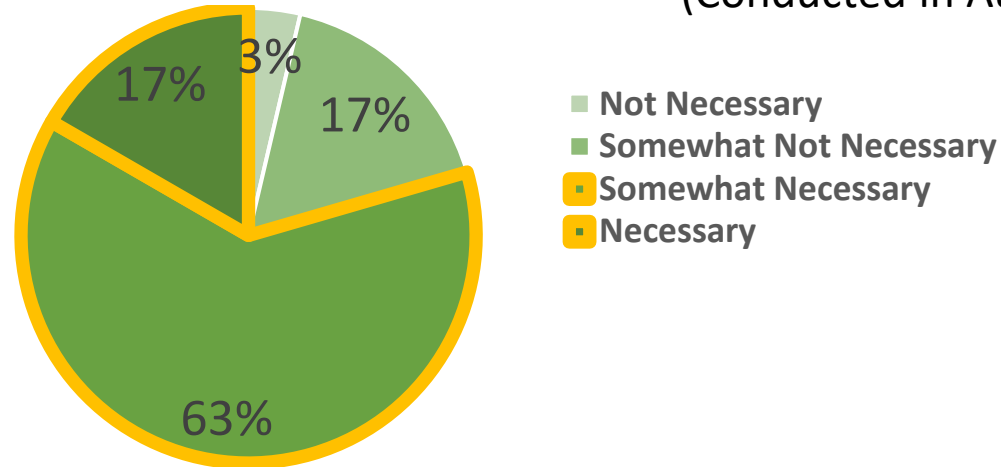
(Conducted in August 2024, N=862)





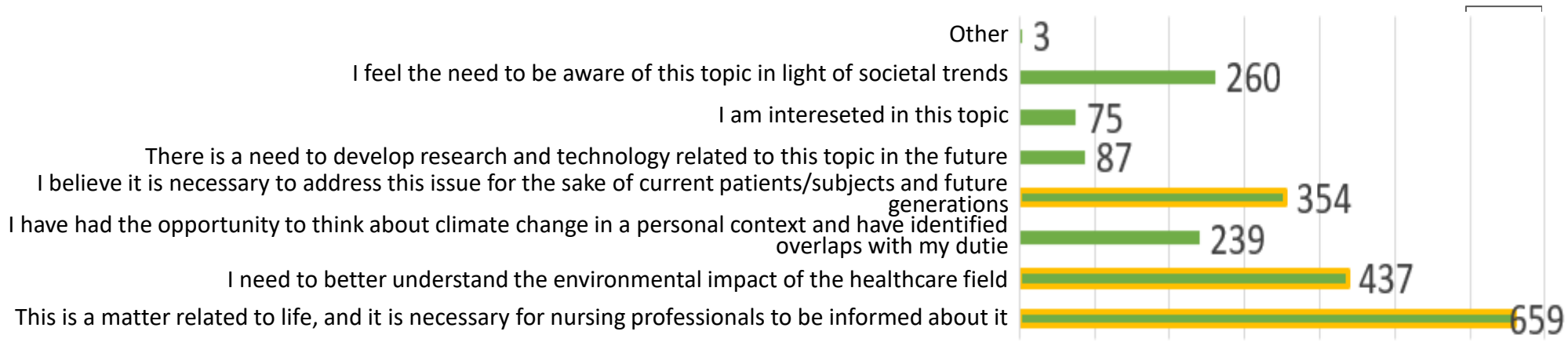
# Do you think nursing professionals need to learn about the relationship between climate change and health?

(Conducted in August 2024, N=1,200)



## For those who answered 'somewhat necessary' or 'necessary,' what are the main reasons for thinking that way? (multiple responses allowed)

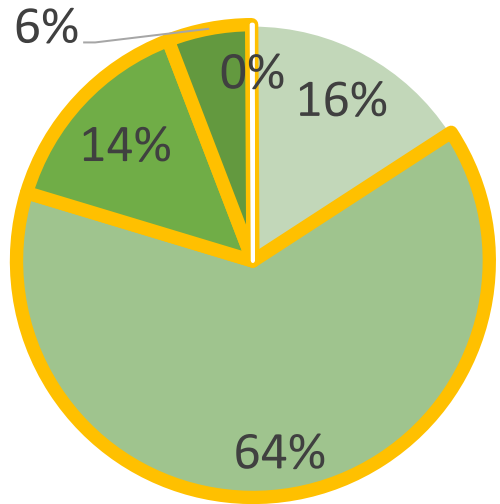
(Conducted in August 2024, N=954)





# How motivated are you to learn about “climate change and health”?

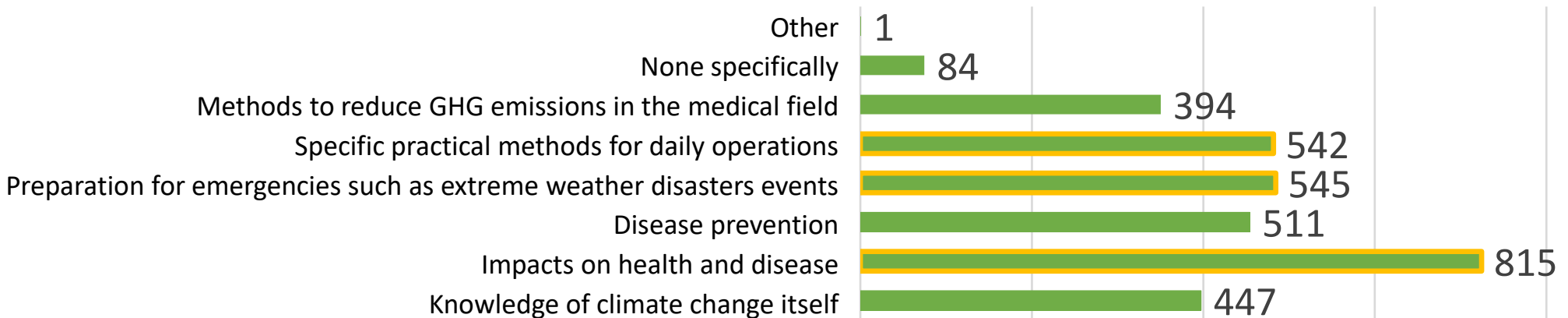
(Conducted in August 2024, N=1,200)



- I do not intend to study this topic at the moment
- I would like to study this topic when the opportunity arises
- I would like to study this topic proactively in the future
- I already have some knowledge but would like to study this topic proactively in the future
- Other

## What would you like to know about 'climate change and health'? (multiple responses allowed)

(Conducted in August 2024, N=1,200)





# Do you provide information, consultation, or support related to health and medical matters to family, friends, neighbors, or others close to you?

(Conducted in August 2024, N=1,200)

