

## NORA Agriculture Forestry and Fishing Sector Council Questionnaire

### Purpose of the questionnaire

**The purpose of this questionnaire is to identify worker and workplace safety and health topics and issues that you believe are the highest priority for safety and health research in the next 10 years in the U.S. Agriculture, Forestry and Fishing sector. The results will be used to facilitate discussions of these priorities, towards the creation of a new NORA Agriculture Forestry and Fishing Research Agenda.**

**The questions have been organized into three main sections. Within each section, there are questions that address agriculture, forestry and fishing as subsectors. You may skip sections or particular questions for which you do not want to give your feedback. Your responses are confidential and will be reported at the upcoming NORA Agriculture, Forestry, and Fishing Sector Council meeting as part of the aggregate results of every person who responds to this survey. Your responses will not be connected back to you as an individual.**

**Please click Next to start the questionnaire.**

Public reporting burden of this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-0953).

**Section 1: Research Priorities for the Agriculture Subsector**

**Questions in this section ask you to identify and prioritize the topics and issues that you believe are the highest priority to improve the safety and health of farmworkers and their families. You have the option to skip this section.**

1. Would you like to...

**Section 1: Research Priorities for the Agriculture subsector**

2. For each agriculture **safety hazard** listed below, select the level of priority with which the hazard needs to be addressed by safety and health research and/or research to practice activities (e.g., providing education, training and resources). Please consider that although it is important to address all the hazards, some may have a higher priority because of the magnitude of risk, the population affected, a pressing need for new information, or some other reason.

	Low priority	Moderate priority	High priority
Machinery (e.g., balers, mowers, augers, and combines)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Industrial vehicles (e.g., farm tractors and forklifts)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
All-Terrain Vehicles (ATVs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unmanned aerial vehicles (drones)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automated, semi-autonomous, and autonomously operated ground based agricultural vehicles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working surface (related to trips and falls)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Livestock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grain bins and silos	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify hazard and level of priority)

3. For each agriculture **health hazard** listed below, select the level of priority with which the hazard needs to be addressed by safety and health research and/or research to practice activities (e.g., providing education, training and resources). Please consider that although it is important to address all the hazards, some may have a higher priority because of the magnitude of risk, the population affected, a pressing need for new information, or some other reason.

	Low priority	Moderate priority	High priority
Ergonomic hazards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Respiratory hazards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides and other agrochemicals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Noise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other physical hazards (e.g., ultraviolet radiation, cold)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Zoonotic infections and other animal exposures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Violence in the workplace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other stressful agricultural working conditions (e.g., economic forces, weather, isolation)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stress and mental health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify hazard and level of priority)

4. For each **surveillance activity** (including periodic data collection) listed below, select its level of priority.

Low Priority

Moderate Priority

High Priority

Exploration of new occupational injury, illness, hazard, and exposure data collection approaches

Improving worker demographic information at the national and state level (e.g., enhancing existing employment demographic data ,creating new systems to better characterize the workforce)

Analysis of existing surveillance data to the level of detail possible (e.g., type of outcome, cause, demographic characteristics, incidence and/or prevalence)

Other (please specify)

5. For each vulnerable group, please indicate whether agriculture safety and health research focusing specifically on that group is of low, moderate, or high priority.

	Low priority	Moderate priority	High priority
Foreign-born workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recent immigrants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Women farmers and workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Young workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Older workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physically and Cognitively-disabled Workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unpaid family workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify group and level of priority)

6. What other agricultural safety or health issues should be a research priority or area for collaboration?

**Section 2: Research Priorities for the Fishing subsector**

**Questions in this section ask you to identify and prioritize the topics and issues that you believe are the highest priority to improve the safety and health of commercial fishing workers and their families. You have the option to skip this section.**

7. Would you like to...

**Section 2: Research Priorities for the Fishing subsector**

8. For each **cause of injuries** (fatal and non-fatal) among commercial fishing workers listed below, select the level of priority with which it needs to be addressed by safety and health research and/or research to practice activities (e.g., providing education, training and resources). Please consider that although is important to address all the causes, some may have a higher priority because of the magnitude of risk, the population affected, a pressing need for new information, or some other reason.

	Low priority	Moderate priority	High priority
Falls overboard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Injuries related to vessels disasters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
On-board injuries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
On-shore injuries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diving injuries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

9. For each **safety hazard related to on-board injuries** (fatal and non-fatal) among commercial fishing workers listed below, select the level of priority with which it needs to be addressed by safety and health research and/or research to practice activities (e.g., providing education, training and resources). Please consider that although is important to address all the causes, some may have a higher priority because of the magnitude of risk, the population affected, a pressing need for new information, or some other reason.

	Low priority	Moderate priority	High priority
Deck winch entanglement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Slips, trips and falls	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Struck by fishing gear or other equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fish processing factory hazards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fires	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)



10. For each **health hazard** among commercial fishing workers listed below, select the level of priority with which the hazard needs to be addressed by safety and health research and/or research to practice activities (e.g., providing education, training and resources). Please consider that although is important to address all the causes, some may have a higher priority because of the magnitude of risk, the population affected, a pressing need for new information, or some other reason.

	Low priority	Moderate priority	High priority
Ergonomic hazards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Noise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stress and mental health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental conditions (wet,cold, wind and sun)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biological organisms,chemicals (e.g., Freon, Ammonia) or particulate matter (e.g., diesel exhaust)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

11. For each vulnerable group, please indicate whether fishing safety and health research focusing specifically on that group is of low, moderate, or high priority.

	Low priority	Moderate priority	High priority
Foreign-born workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recent immigrants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Women workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Young workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Older workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physically and cognitively-disabled workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify group and level of priority)

12. What other fishing safety or health issues should be a research priority or area for collaboration?

**Section 3: Research Priorities for the Forestry subsector**

**Questions in this section ask you to identify the topics and issues that you believe are the highest priority to improve the safety and health of logging and forestry workers and their families.**

13. Would you like to...

**Section 3: Research priorities for the Forestry subsector**

14. For each cause of injuries among forestry and logging workers listed below, select the level of priority with which it needs to be addressed by safety and health research and/or research to practice activities (e.g., providing education, training and resources). Please consider that although it is important to address all the causes, some may have a higher priority because of the magnitude of risk, the population affected, a pressing need for new information, or some other reason.

	Low priority	Moderate priority	High priority
Heavy equipment/ machinery (e.g., skidders, loaders)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tools (e.g., chainsaws)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Uneven ground, forest debris and other obstructions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pipelines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electric lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fire hazards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bites, stings and other animal exposures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hazards associated with loading and transporting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

15. For each **health hazard** among forestry and logging workers listed below, select the level of priority with which it needs to be addressed by safety and health research and/or research to practice activities (e.g., providing education, training and resources). Please consider that although it is important to address all the causes, some may have a higher priority because of the magnitude of risk, the population affected, a pressing need for new information, or some other reason.

	Low priority	Moderate priority	High priority
Ergonomic hazards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Noise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vibration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental conditions (wet,cold, wind and sun)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Toxic chemicals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drug and alcohol use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chronic diseases	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stress and mental health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

16. Select the level of priority for each research need below to improve the safety of forestry workers.

Low priority

Moderate priority

High priority

Identify factors that limit the adoption of safe logging practices and medical treatment of logging related injuries

Improve the quality and availability of protective equipment (PPE and Equipment Protection)

Evaluate preventive interventions for the use of alcohol and illicit prescription or other drugs, by forestry workers

Build future capacity in safety and health for the forestry sector via advanced training programs

Developments in safety technology to prevent injuries

Other (please specify)

17. For each vulnerable group, please indicate whether forestry safety and health research focusing specifically on that group is of low, moderate, or high priority.

	Low priority	Moderate priority	High priority
Recent immigrants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seasonal workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Women workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Young workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Older workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physically and Cognitively-disabled Workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

18. What other forestry safety or health issues should be a research priority or area for collaboration?

**Additional Questions**

\* 19. From the selections below, please select the best representation of your organization or group.

- NIOSH
- Other Governmental Agency
- Non-Profit Organization
- Professional Association
- Trade Association
- Insurance Company
- Manufacturer of Equipment and Exposure Controls
- Agriculture, Forestry or Fishing Employer
- Academic Researcher
- Other (please specify)

\* 20. Please indicate the length of experience (in years) in occupational safety and health that you have in each subsector.

	0 to 1 year	2-5 years	6-15 years	More than 15 years
Agriculture	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Forestry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**THANK YOU!**

**We appreciate the time you have taken and thank you for helping shape the next decade of Agriculture, Forestry and Fishing safety and health research through NORA.**

**Please click Done to submit your survey.**