

# Selected Findings for the Agriculture, Forestry, and Fishing Sector From the 2010 National Health Interview Survey – Occupational Health Supplement (NHIS-OHS)



## Background

In 2010, the National Institute for Occupational Safety and Health (NIOSH), recognizing a growing need for current, national estimates on work-related health and safety conditions, sponsored an occupational health supplement (OHS) to the National Health Interview Survey (NHIS).

The interviewed sample adult component of the 2010 NHIS consisted of 27,157 persons, of whom approximately 17,524 had been employed in the past 12 months. The sample is designed and weighted to produce national estimates.

For more information on the NHIS and to access the 2010 NHIS data, please refer to the following website: (<http://www.cdc.gov/nchs/nhis.htm>)

## Purpose

This profile summarizes the 2010 NHIS-OHS data for the Agriculture, Forestry, and Fishing sector through figures and tables in an effort to provide sector leaders with information so they can better understand health and exposure burdens specific to their industry.

In the 2010 NHIS-OHS, the sample of those employed by the Agriculture, Forestry, and Fishing sector consisted of 269 persons, representing approximately 2.3 million workers. This profile summarizes the prevalence of selected health outcomes; work organization and psychosocial factors; and physical and chemical exposures among workers in the Agriculture, Forestry, and Fishing sector. All Agriculture, Forestry, and Fishing workers are compared to all U.S. workers combined, and comparisons are made among 5 Agriculture, Forestry, and Fishing subsectors, although small sample sizes within several of the subsectors limit the reporting of some estimates.

## Index:

- Description of Agriculture, Forestry, and Fishing sector
  - Table A. U.S. Agriculture, Forestry, and Fishing sector workers by subsector, 2010
  - Table B. U.S. Agriculture, Forestry, and Fishing sector workers by occupational category, 2010
  
- All industry sectors vs. the Agriculture, Forestry, and Fishing sector
  - Figure 1. Prevalence of selected health conditions; work organization and psychosocial factors; and physical and chemical exposures among U.S. workers (Agriculture, Forestry, and Fishing sector vs. All U.S. Workers, 2010)
  - Table 1. Prevalence of selected health conditions; work organization and psychosocial factors; and physical and chemical exposures among U.S. workers (Agriculture, Forestry, and Fishing sector vs. All U.S. Workers, 2010)
  
- Health conditions
  - Figure 2. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 2. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 3. Prevalence of carpal tunnel syndrome in the past 12 months among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 3. Prevalence of carpal tunnel syndrome in the past 12 months among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  
- Work organization factors
  - Figure 5. Prevalence of working 48 hours a week or more among U.S. adults who worked one job in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 5. Prevalence of working 48 hours a week or more among U.S. adults who worked one job in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010

- Psychosocial exposures
  - Figure 9. Prevalence of job insecurity among working U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 9. Prevalence of job insecurity among working U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 10. Prevalence of work-family imbalance among working U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 10. Prevalence of work-family imbalance among working U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  
- Physical and chemical exposures
  - Figure 12. Prevalence of exposure to potential skin hazards at work among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 12. Prevalence of exposure to potential skin hazards among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 13. Prevalence of outdoor work among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 13. Prevalence of exposure to outdoor work among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 14. Prevalence of exposure to vapors, gas, dust, or fumes at work among U.S. adults at their longest held job by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 14. Prevalence of exposure to vapors, gas, dust, or fumes among U.S. adults at their longest held job by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 15a. Prevalence of exposure to secondhand smoke at work among non-smoking U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 15a. Prevalence of exposure to secondhand smoke at work among nonsmoking U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010
  - Figure 15b. Prevalence of current smokers among U.S. adults who worked in the past 12 months, by Agriculture, Forestry, and Fishing subsector, 2010
  - Table 15b. Prevalence of smoking among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010

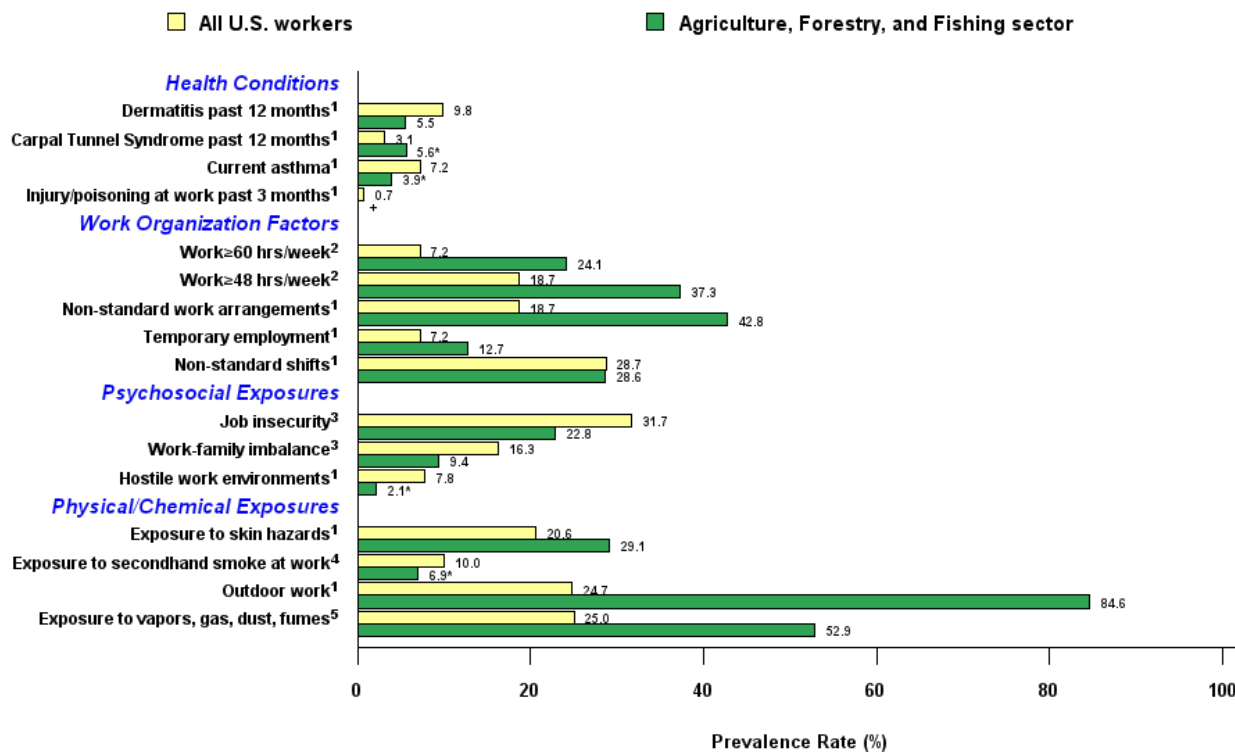
**Table A. U.S. Agriculture, Forestry, and Fishing sector workers by subsector, 2010**

Industry subsector	Census 2007 industry codes	Estimated Population Represented by Sample	% of U.S. Agriculture, Forestry, and Fishing workforce
Crop production	170	952,417	41.3
Animal production	180	757,396	32.8
Forestry and logging	0190, 0270	219,374	9.5
Fishing, hunting, and trapping	280	78,802	3.4
Support activities for agriculture and forestry	290	299,875	13.0
<b>Total</b>		2,307,864	100

**Table B. U.S. Agriculture, Forestry, and Fishing sector workers by occupational category, 2010**

<b>Occupational category</b>	<b>Census 2010 occupation codes</b>	<b>Estimated Population Represented by Sample</b>	<b>% of U.S. Agriculture, Forestry, and Fishing workforce</b>
<b>Management Occupations</b>	0010-0430	790,395	34.3
<b>Building and Grounds Cleaning and Maintenance Occupations</b>	4200-4250	46,492	2.0
<b>Office and Administrative Support Occupations</b>	5000-5940	138,822	6.0
<b>Farming, Fishing, and Forestry Occupations</b>	6005-6130	934,706	40.5
<b>Production Occupations</b>	7700-8965	39,281	1.7
<b>Transportation and Material Moving Occupations</b>	9000-9750	125,775	5.5
<b>Other occupations</b>		232,393	10.1
<b>Total</b>		2,307,864	100

Figure 1. Prevalence of selected health conditions; work organization and psychosocial factors; and physical and chemical exposures among U.S. workers (Agriculture, Forestry, and Fishing sector vs. All U.S. workers, 2010)



<sup>1</sup>Among U.S. adults who have worked in the past 12 months.

<sup>2</sup>Among U.S. adults who have worked in the past 12 months, who only held 1 job.

<sup>3</sup>Among U.S. adults who were employed in the week prior to interview.

<sup>4</sup>Among non-smoking U.S. adults who have worked in the past 12 months.

<sup>5</sup>Exposure during longest-held job (all other exposures refer to current or most recent job).

\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

Table 1. Prevalence of selected health conditions; work organization and psychosocial factors; and physical and chemical exposures among U.S. workers (Agriculture, Forestry, and Fishing sector vs. All U.S. workers, 2010)

		All U.S. workers			Agriculture, Forestry, and Fishing sector		
		Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
Health Conditions	Dermatitis in the past 12 months <sup>1</sup>	9.8	0.3	9.2-10.3	5.5	1.6	2.4-8.7
	Carpal tunnel syndrome in the past 12 months <sup>1</sup>	3.1	0.2	2.8-3.4	5.6*	2.6	0.6-10.7
	Current asthma <sup>1</sup>	7.2	0.2	6.7-7.6	3.9*	1.3	1.3-6.4
	Injury or poisoning at work in the past 12 months <sup>1</sup>	2.8	0.4	2.0-3.4	+	+	+
Work Organization Factors	Work 60 hours a week or more <sup>2</sup>	7.2	0.3	6.7-7.7	24.1	3.5	17.2-31.0
	Work 48 hours a week or more <sup>2</sup>	18.7	0.4	18.0-19.5	37.3	3.8	29.9-44.7
	Non-standard work arrangements <sup>1</sup>	18.7	0.4	18.0-19.4	42.8	4.0	35.0-50.7
	Temporary employment <sup>1</sup>	7.2	0.3	6.7-7.7	12.7	2.9	6.9-18.4
	Non-standard shifts <sup>1</sup>	28.7	0.5	27.8-29.7	28.6	3.4	21.8-35.3
Psychosocial Exposures	Job insecurity <sup>3</sup>	31.7	0.5	30.8-32.6	22.8	3.2	16.4-29.1
	Work-family imbalance <sup>3</sup>	16.3	0.4	15.6-17.1	9.4	1.8	5.9-12.9
	Hostile work environments <sup>1</sup>	7.8	0.3	7.3-8.4	2.1*	0.9	0.4-3.8
Physical/Chemical Exposures	Exposure to potential skin hazards at work <sup>1</sup>	20.6	0.4	19.8-21.3	29.1	3.7	21.8-36.5
	Exposure to secondhand smoke at work <sup>4</sup>	10.0	0.3	9.3-10.6	6.9*	2.3	2.5-11.4
	Exposure to outdoor work <sup>1</sup>	24.7	0.4	23.8-25.6	84.6	2.7	79.3-90.0
	Exposure to vapors, gas, dust, or fumes <sup>5</sup>	25.0	0.4	24.2-25.8	52.9	4.3	44.5-61.2

<sup>1</sup> Among U.S. adults who have worked in the past 12 months.

<sup>2</sup> Among U.S. adults who have worked in the past 12 months, who only held 1 job.

<sup>3</sup> Among U.S. adults who were employed in the week prior to interview.

<sup>4</sup> Among non-smoking U.S. adults who have worked in the past 12 months.

<sup>5</sup> Exposure during longest-held job (all other exposures refer to current or most recent job).

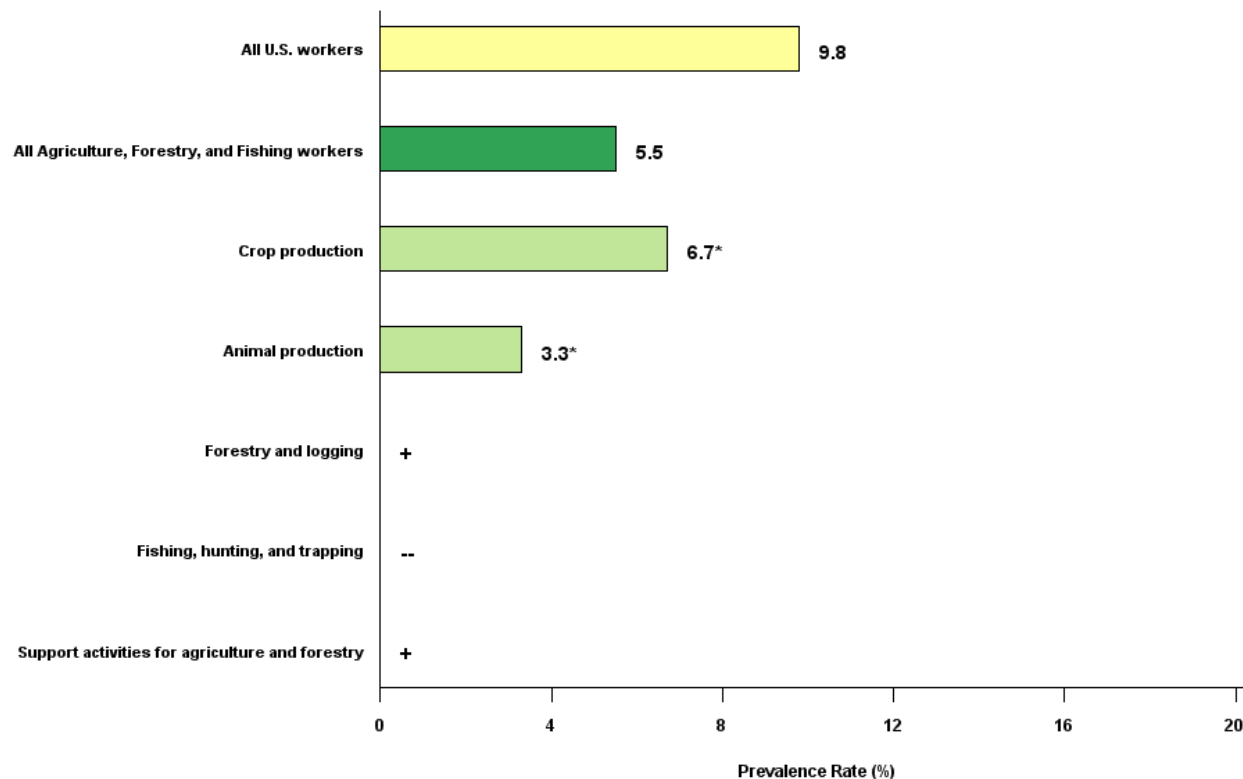
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.



**Figure 2. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: During the past 12 months, have you had dermatitis, eczema or any other red, inflamed skin rash?*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

**Table 2. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	9.8	0.3	9.2-10.3
<b>All Agriculture, Forestry, and Fishing workers</b>	5.5	1.6	2.4-8.7
<b>Crop production</b>	6.7*	2.7	1.3-12.1
<b>Animal production</b>	3.3*	1.6	0.2-6.5
<b>Forestry and logging</b>	+	+	+
<b>Fishing, hunting, and trapping</b>	--	--	--
<b>Support activities for agriculture and forestry</b>	+	+	+

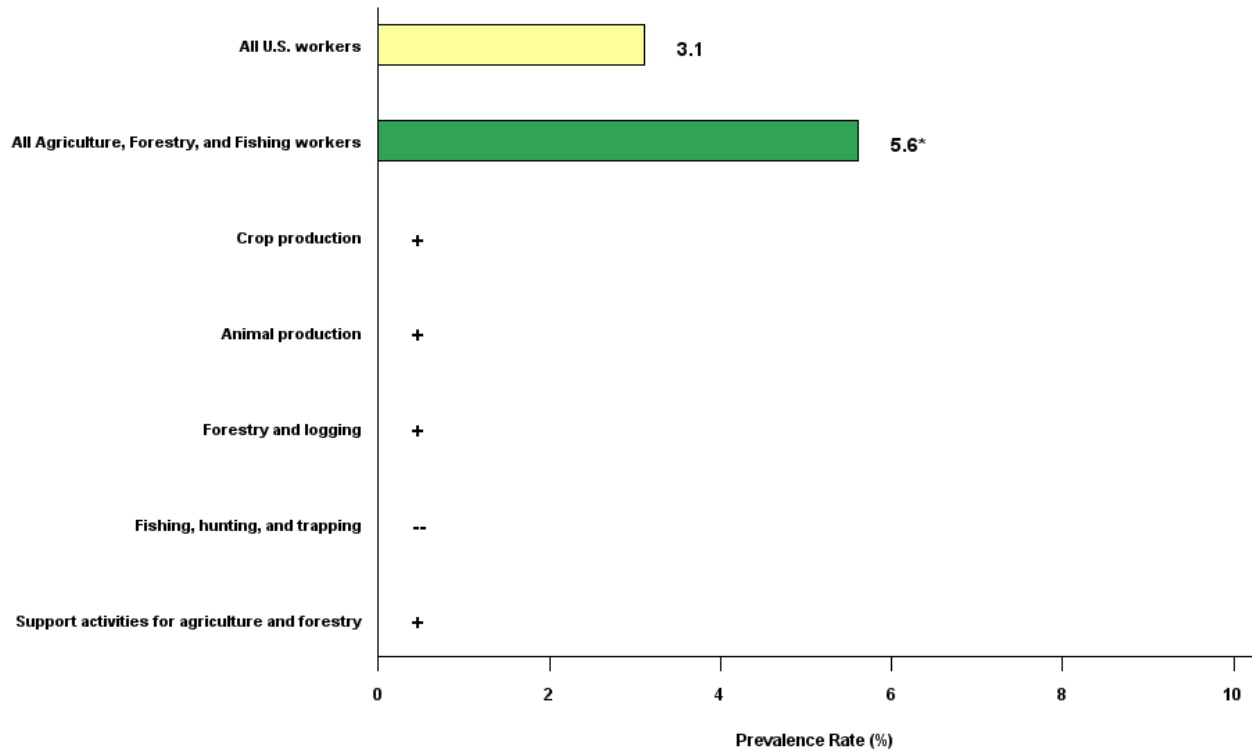
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

**Figure 3. Prevalence of carpal tunnel syndrome in the past 12 months among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: Have you ever been told by a doctor or other health professional that you have a condition affecting the wrist/hand called carpal tunnel syndrome? During the past 12 months, have you had carpal tunnel syndrome?*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

**Table 3. Prevalence of carpal tunnel syndrome in the past 12 months among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	3.1	0.2	2.8-3.4
<b>All Agriculture, Forestry, and Fishing workers</b>	5.6*	2.6	0.6-10.7
<b>Crop production</b>	+	+	+
<b>Animal production</b>	+	+	+
<b>Forestry and logging</b>	+	+	+
<b>Fishing, hunting, and trapping</b>	--	--	--
<b>Support activities for agriculture and forestry</b>	+	+	+

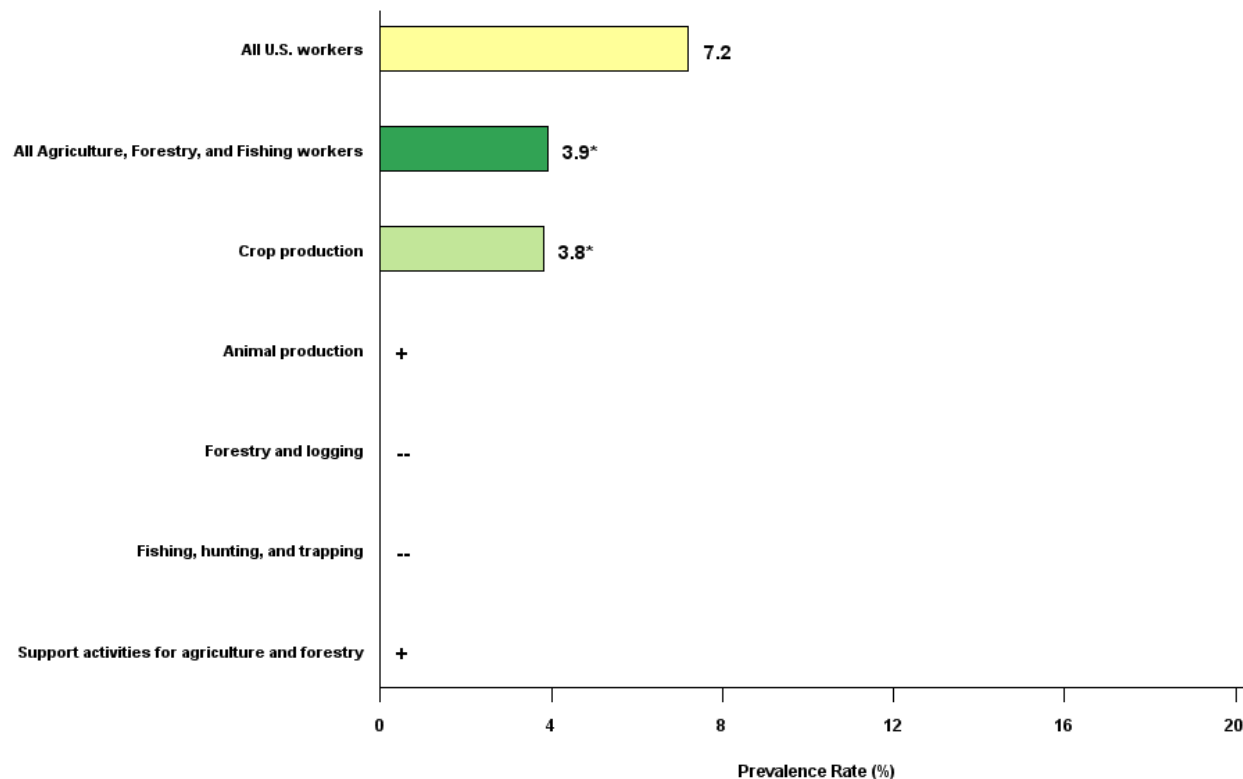
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

**Figure 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: Have you ever been told by a doctor or health professional that you had asthma?  
Do you still have asthma?*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

**Table 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	7.2	0.2	6.7-7.6
<b>All Agriculture, Forestry, and Fishing workers</b>	3.9*	1.3	1.3-6.4
<b>Crop production</b>	3.8*	1.7	0.5-7.0
<b>Animal production</b>	+	+	+
<b>Forestry and logging</b>	--	--	--
<b>Fishing, hunting, and trapping</b>	--	--	--
<b>Support activities for agriculture and forestry</b>	+	+	+

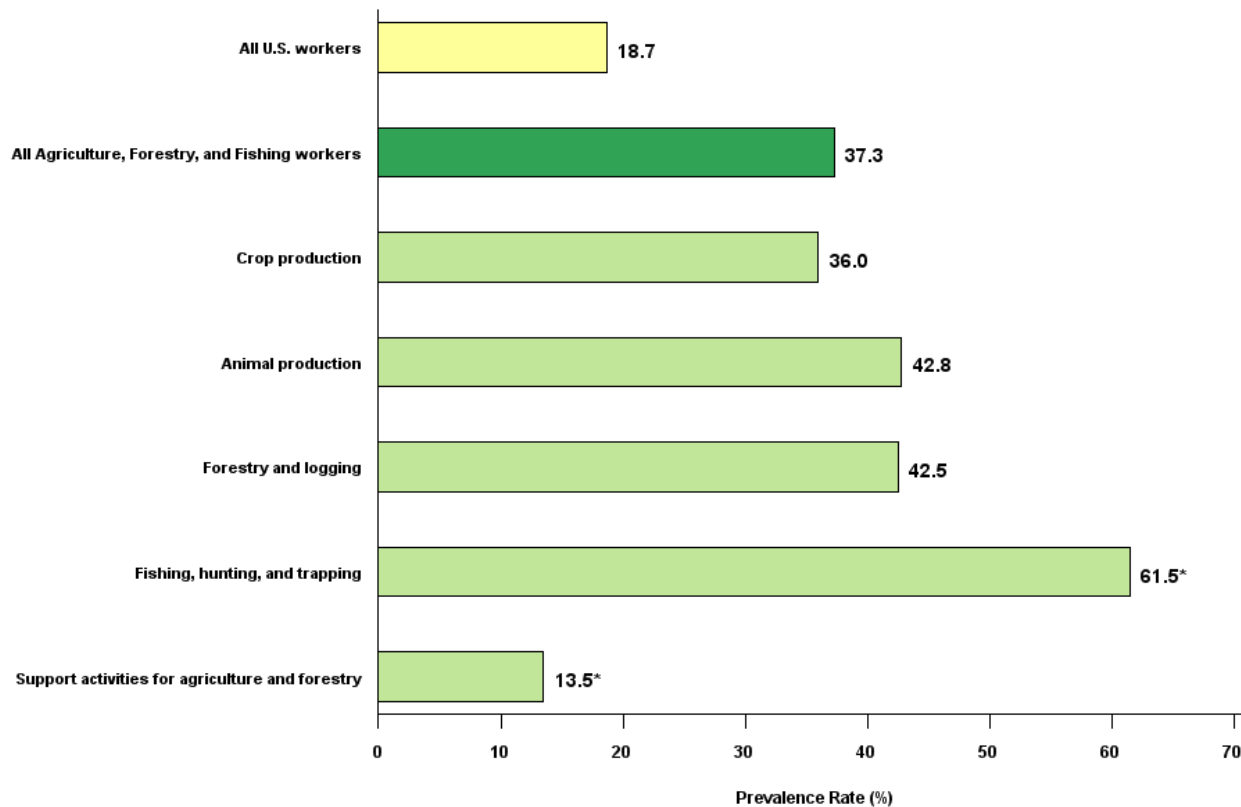
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

**Figure 5. Prevalence of Working 48 hours a week or more among U.S. adults working one job at the time of interview by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: How many hours did [person] work last week?  
 (This question may have been answered by proxy because it was part of the Family Questionnaire. If the person was not at work last week, the person/proxy was asked about average work hours per week.)*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

**Table 5. Prevalence of Working 48 hours a week or more among U.S. adults working one job at the time of interview by Agriculture, Forestry, and Fishing subsector, 2010**

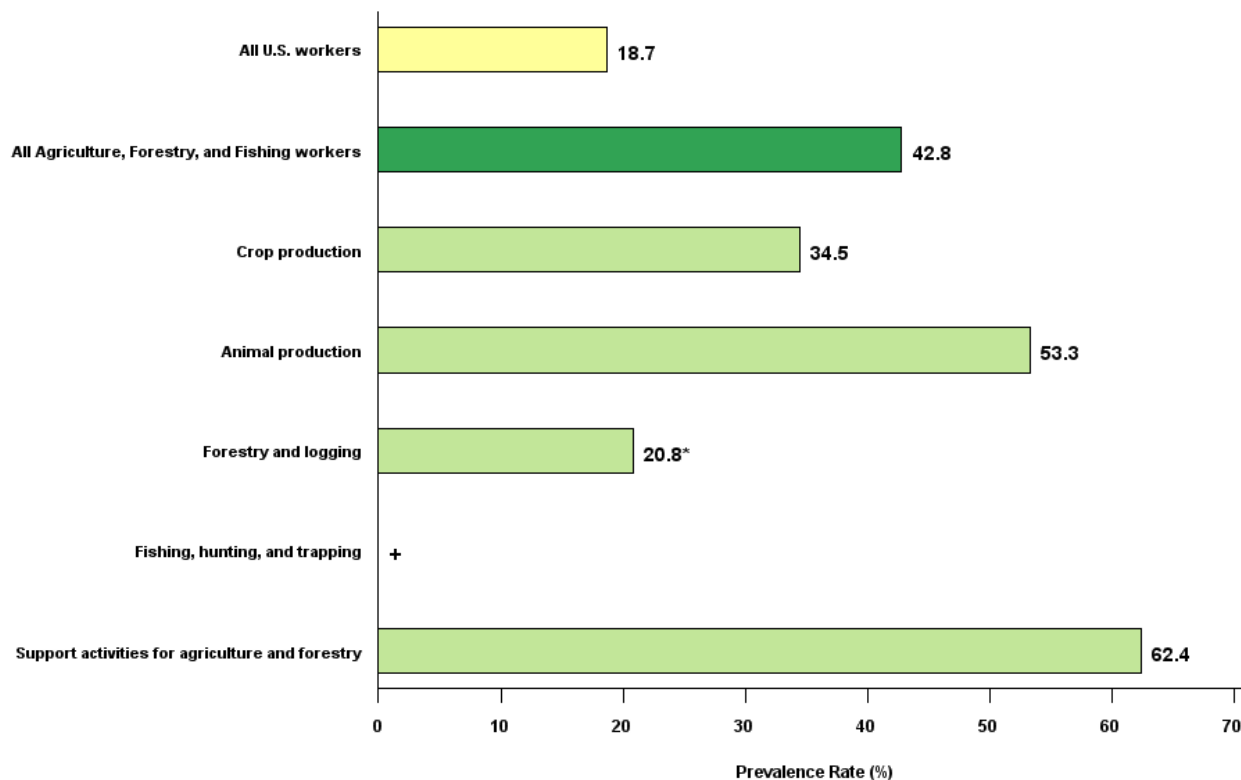
	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	18.7	0.4	18.0-19.5
<b>All Agriculture, Forestry, and Fishing workers</b>	37.3	3.8	29.9-44.7
<b>Crop production</b>	36.0	5.6	25.0-47.1
<b>Animal production</b>	42.8	6.4	30.1-55.4
<b>Forestry and logging</b>	42.5	12.5	18.0-67.1
<b>Fishing, hunting, and trapping</b>	61.5*	22.3	17.6-100.0
<b>Support activities for agriculture and forestry</b>	13.5*	6.2	1.3-25.7

\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.



**Figure 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: Which of the following best [describes/described] your work arrangement?  
 (Non-standard work arrangement = independent contractor, independent consultant, or freelance worker;  
 on-call, and [work/worked] only when called to work; paid by a temporary agency;  
 or [work/worked] for a contractor who provides workers and services to others under contract)*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

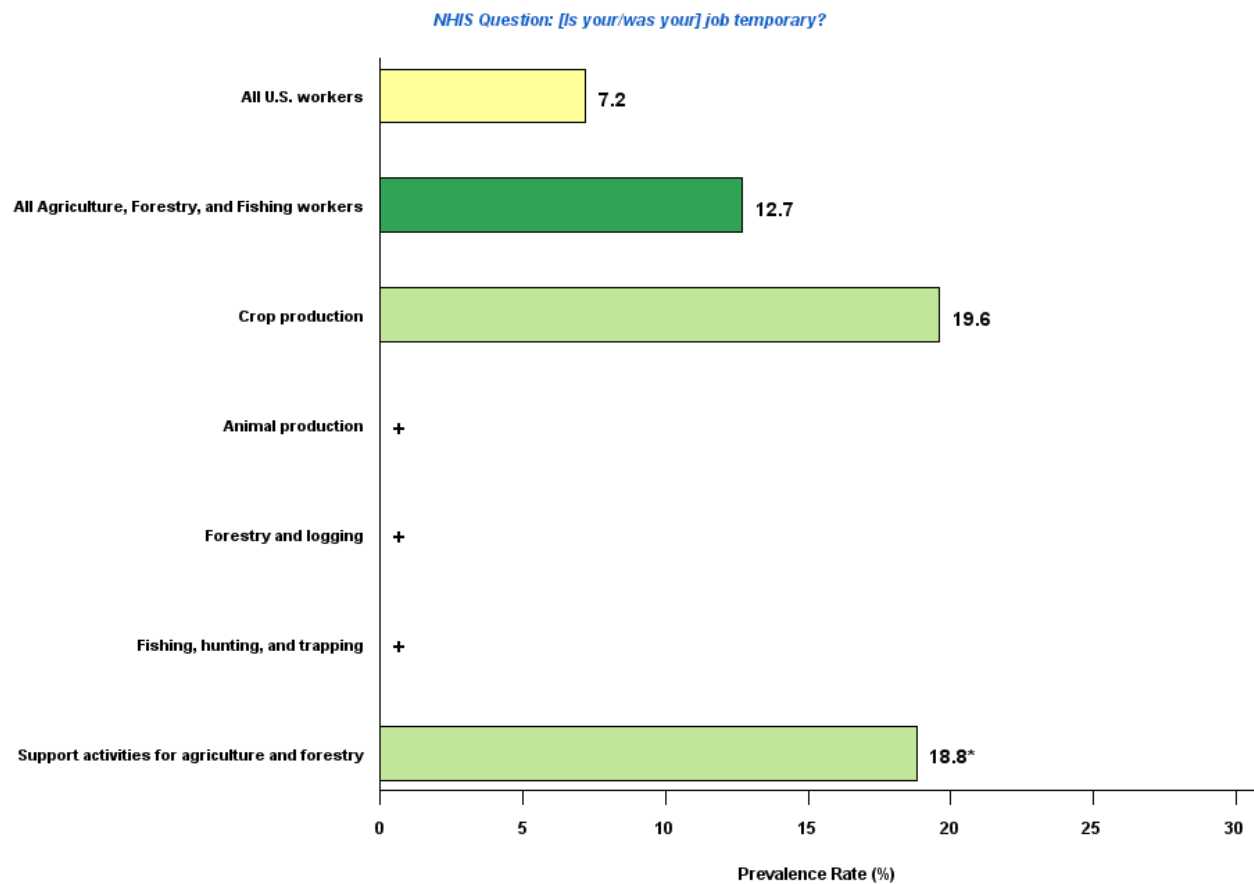
**Table 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	18.7	0.4	18.0-19.4
<b>All Agriculture, Forestry, and Fishing workers</b>	42.8	4.0	35.0-50.7
<b>Crop production</b>	34.5	5.9	22.9-46.2
<b>Animal production</b>	53.3	5.7	42.1-64.5
<b>Forestry and logging</b>	20.8*	7.1	6.9-34.7
<b>Fishing, hunting, and trapping</b>	+	+	+
<b>Support activities for agriculture and forestry</b>	62.4	11.2	40.4-84.5

\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

Figure 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Table 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

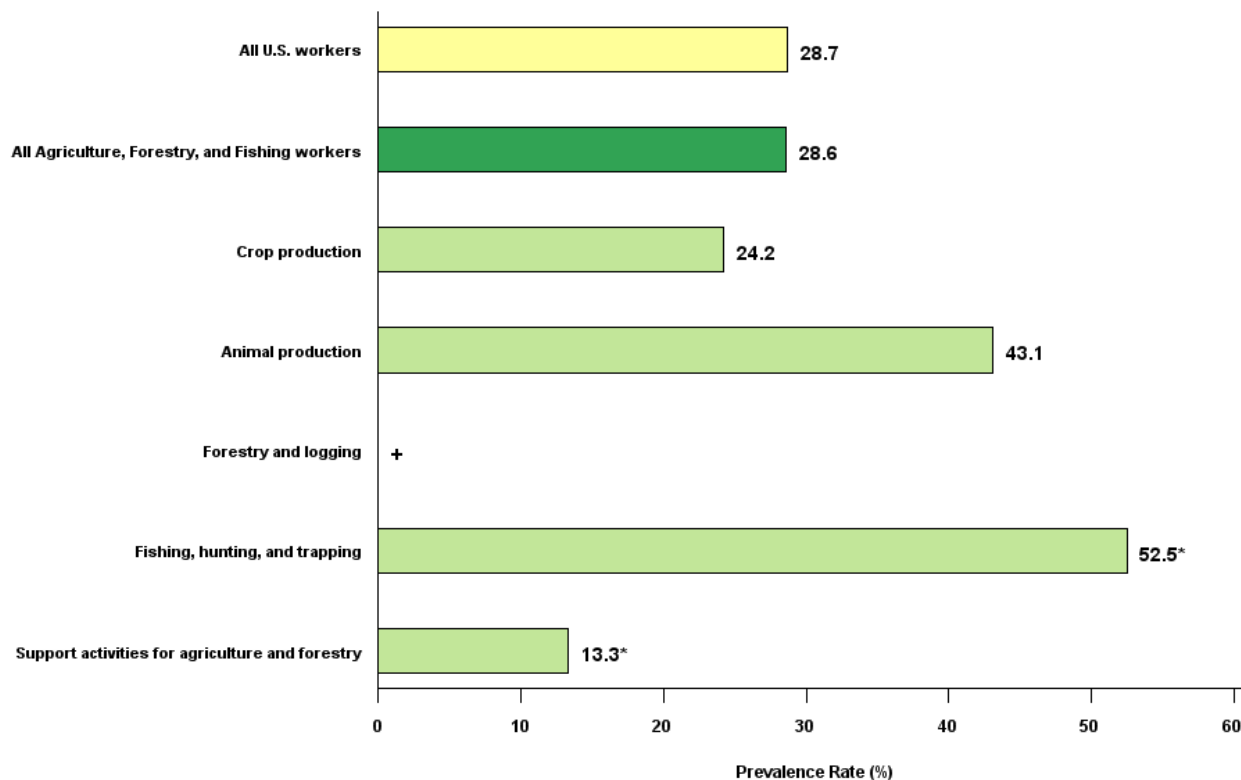
	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	7.2	0.3	6.7-7.7
<b>All Agriculture, Forestry, and Fishing workers</b>	12.7	2.9	6.9-18.4
<b>Crop production</b>	19.6	5.2	9.4-29.9
<b>Animal production</b>	+	+	+
<b>Forestry and logging</b>	+	+	+
<b>Fishing, hunting, and trapping</b>	+	+	+
<b>Support activities for agriculture and forestry</b>	18.8*	7.7	3.6-33.9

\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Figure 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: Which of the following best describes the hours you usually [work/worked]?  
 (Non-standard shift = a regular evening shift; a regular night shift; a rotating shift; or some other schedule not including a regular daytime schedule)*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Table 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

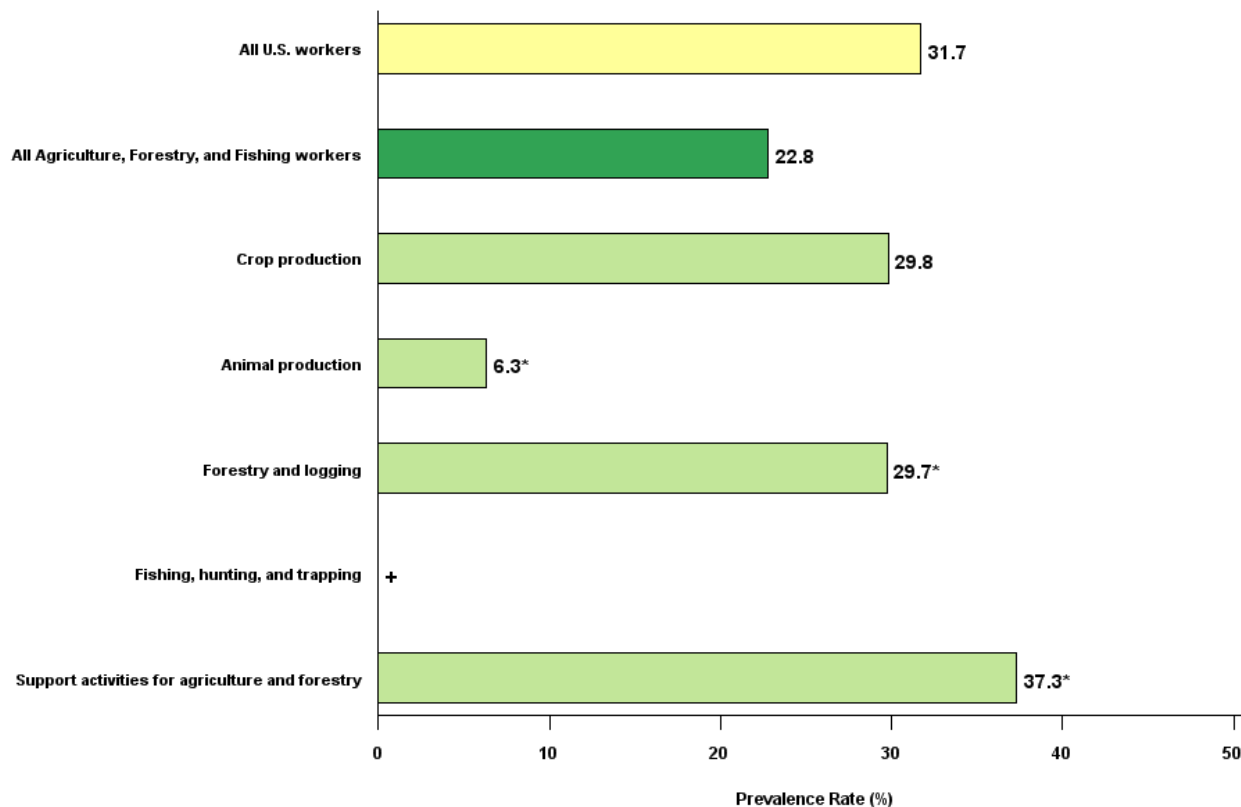
	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	28.7	0.5	27.8-29.7
<b>All Agriculture, Forestry, and Fishing workers</b>	28.6	3.4	21.8-35.3
<b>Crop production</b>	24.2	4.8	14.8-33.5
<b>Animal production</b>	43.1	7.8	27.7-58.4
<b>Forestry and logging</b>	+	+	+
<b>Fishing, hunting, and trapping</b>	52.5*	19.2	14.7-90.2
<b>Support activities for agriculture and forestry</b>	13.3*	6.6	0.3-26.3

\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Figure 9. Prevalence of job insecurity among working U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: I [am/was] worried about becoming unemployed.  
(Job insecurity = strongly agree or agree)*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Table 9. Prevalence of job insecurity among working U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	31.7	0.5	30.8-32.6
<b>All Agriculture, Forestry, and Fishing workers</b>	22.8	3.2	16.4-29.1
<b>Crop production</b>	29.8	4.8	20.4-39.3
<b>Animal production</b>	6.3*	2.7	0.9-11.6
<b>Forestry and logging</b>	29.7*	11.4	7.3-52.0
<b>Fishing, hunting, and trapping</b>	+	+	+
<b>Support activities for agriculture and forestry</b>	37.3*	12.1	13.5-61.0

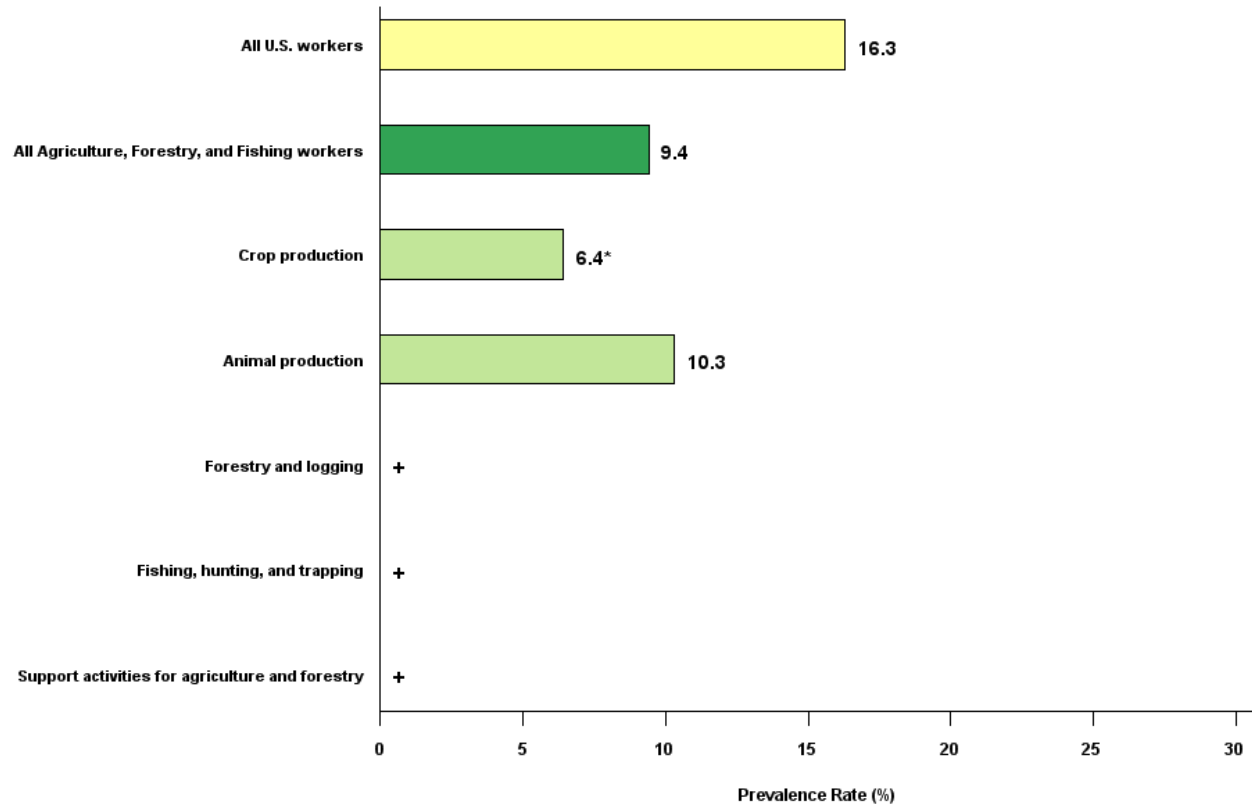
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.



**Figure 10. Prevalence of work-family imbalance among working U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: It [is/was] easy for me to combine work with family responsibilities.  
(Work-family imbalance = disagree or strongly disagree)*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Table 10. Prevalence of work-family imbalance among working U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010**

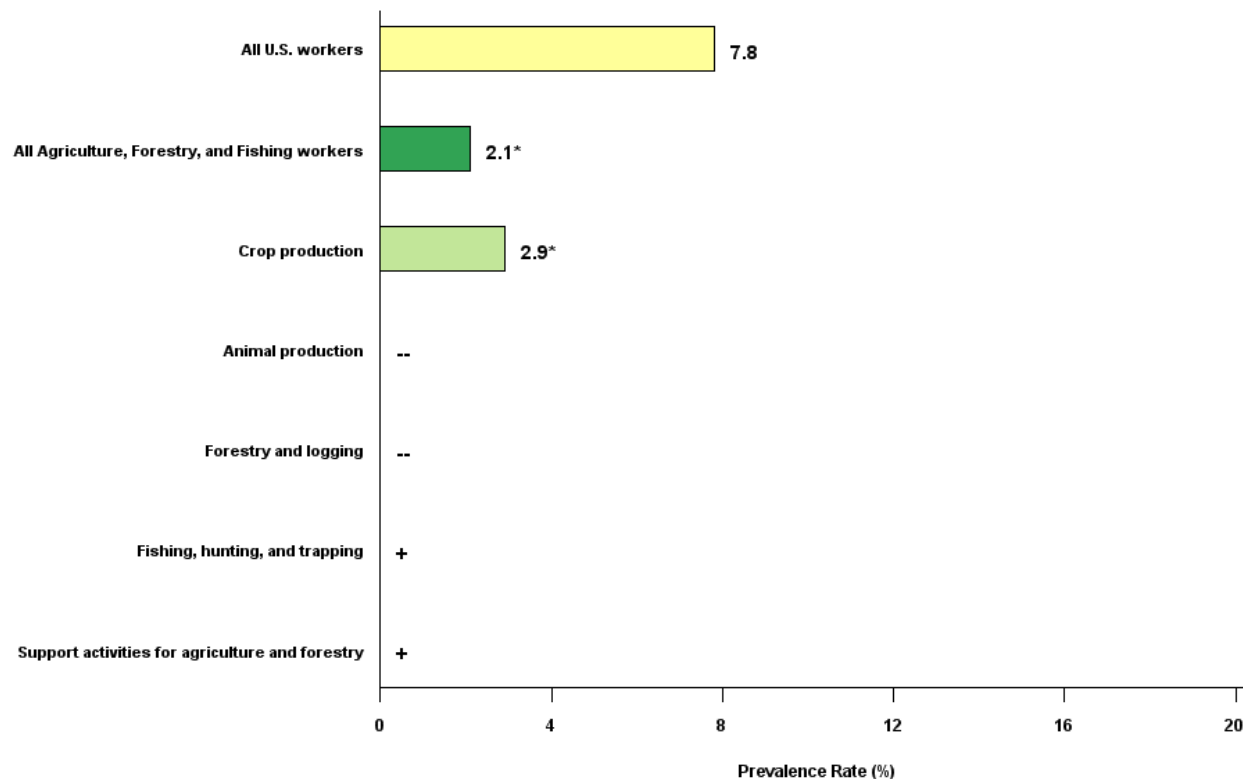
	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	16.3	0.4	15.6-17.1
<b>All Agriculture, Forestry, and Fishing workers</b>	9.4	1.8	5.9-12.9
<b>Crop production</b>	6.4*	2.2	2.1-10.8
<b>Animal production</b>	10.3	3.0	4.5-16.1
<b>Forestry and logging</b>	+	+	+
<b>Fishing, hunting, and trapping</b>	+	+	+
<b>Support activities for agriculture and forestry</b>	+	+	+

\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Figure 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: During the past 12 months, were you threatened, bullied, or harassed by anyone while you were on the job?*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

**Table 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	7.8	0.3	7.3-8.4
<b>All Agriculture, Forestry, and Fishing workers</b>	2.1*	0.9	0.4-3.8
<b>Crop production</b>	2.9*	1.3	0.4-5.4
<b>Animal production</b>	--	--	--
<b>Forestry and logging</b>	--	--	--
<b>Fishing, hunting, and trapping</b>	+	+	+
<b>Support activities for agriculture and forestry</b>	+	+	+

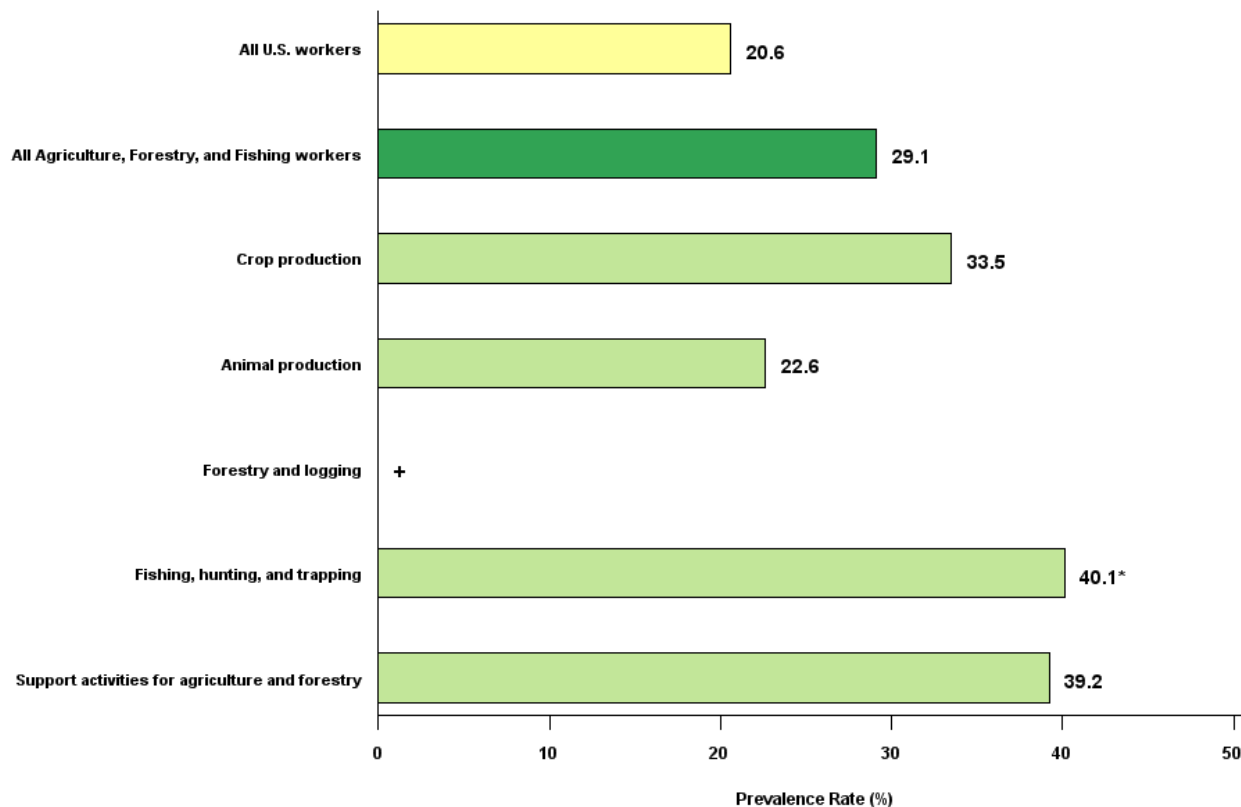
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

**Figure 12. Prevalence of exposure to potential skin hazards at work among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: During the past 12 months, did you regularly handle or were you in skin contact with chemical products or substances at work twice a week or more?*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Table 12. Prevalence of exposure to potential skin hazards at work among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

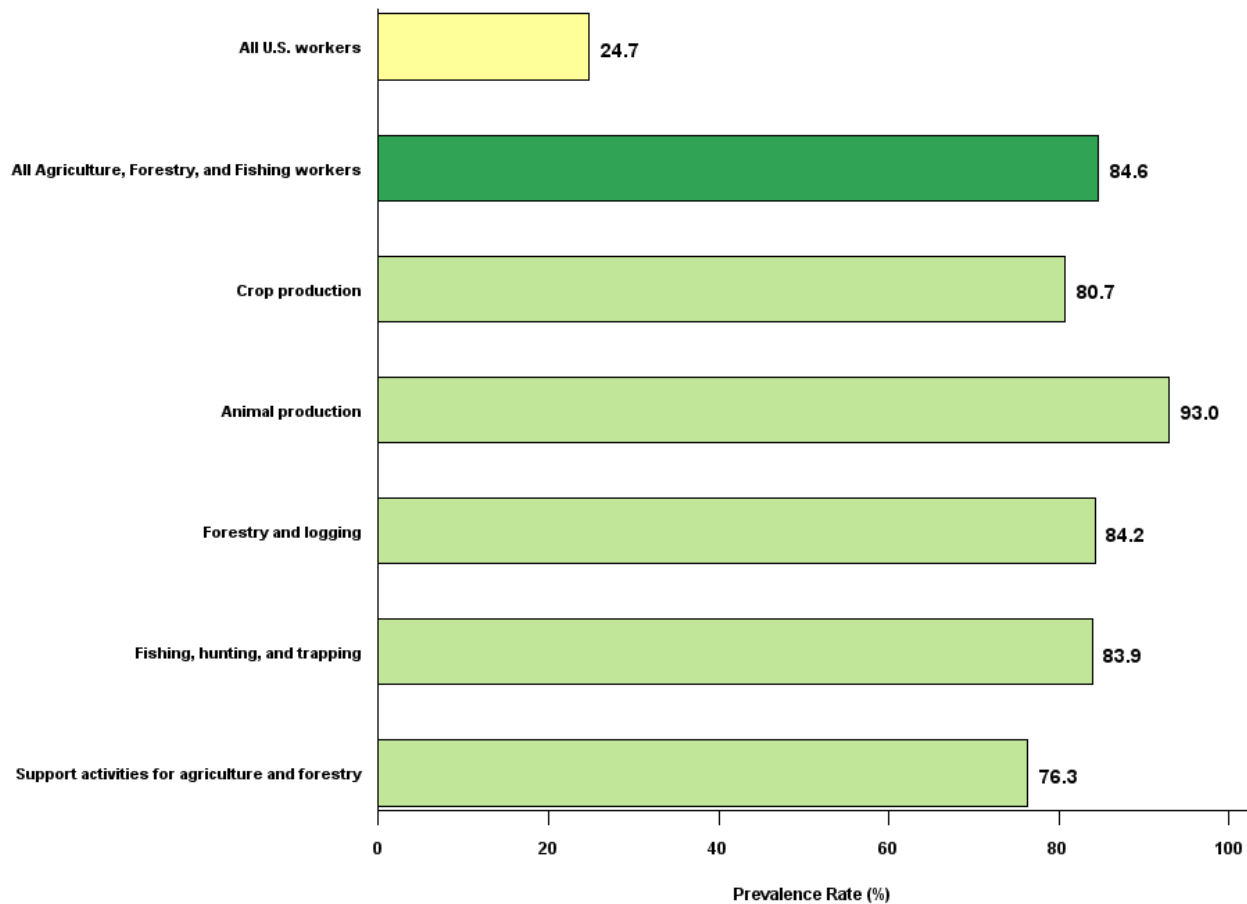
	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	20.6	0.4	19.8-21.3
<b>All Agriculture, Forestry, and Fishing workers</b>	29.1	3.7	21.8-36.5
<b>Crop production</b>	33.5	5.5	22.7-44.3
<b>Animal production</b>	22.6	6.0	10.7-34.5
<b>Forestry and logging</b>	+	+	+
<b>Fishing, hunting, and trapping</b>	40.1*	19.0	2.6-77.5
<b>Support activities for agriculture and forestry</b>	39.2	11.6	16.3-62.0

\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

Figure 13. Prevalence of exposure to outdoor work among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010

*NHIS Question: During the past 12 months, did you regularly work outdoors twice a week or more?*



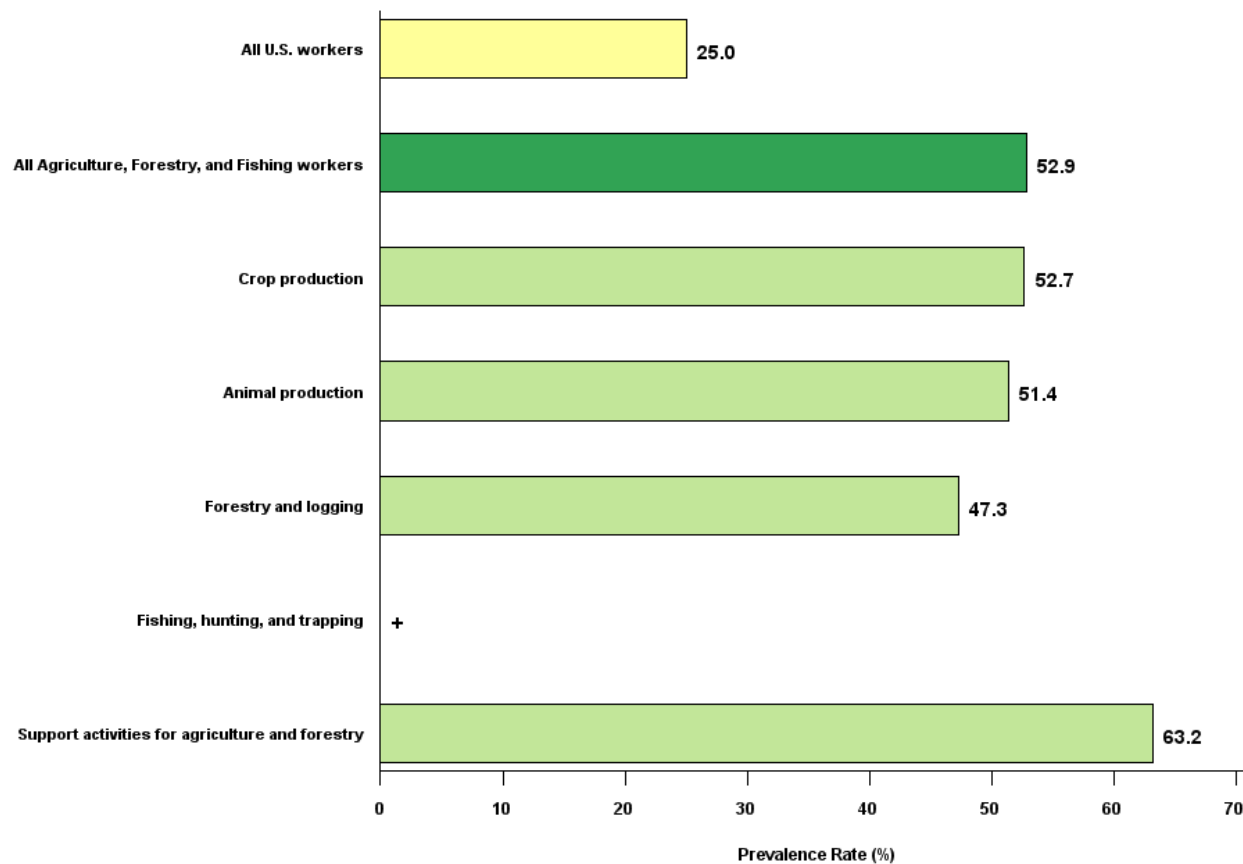
**Table 13. Prevalence of exposure to outdoor work among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	24.7	0.4	23.8-25.6
<b>All Agriculture, Forestry, and Fishing workers</b>	84.6	2.7	79.3-90.0
<b>Crop production</b>	80.7	4.9	71.2-90.3
<b>Animal production</b>	93.0	3.3	86.5-99.5
<b>Forestry and logging</b>	84.2	7.6	69.3-99.2
<b>Fishing, hunting, and trapping</b>	83.9	11.8	60.7-100.0
<b>Support activities for agriculture and forestry</b>	76.3	8.7	59.2-93.4



Figure 14. Prevalence of exposure to vapors, gas, dust, or fumes among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010

*NHIS Question: This next question refers to the job you held the longest.  
Were you regularly exposed to vapors, gas, dust, or fumes at work twice a week or more?*



+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

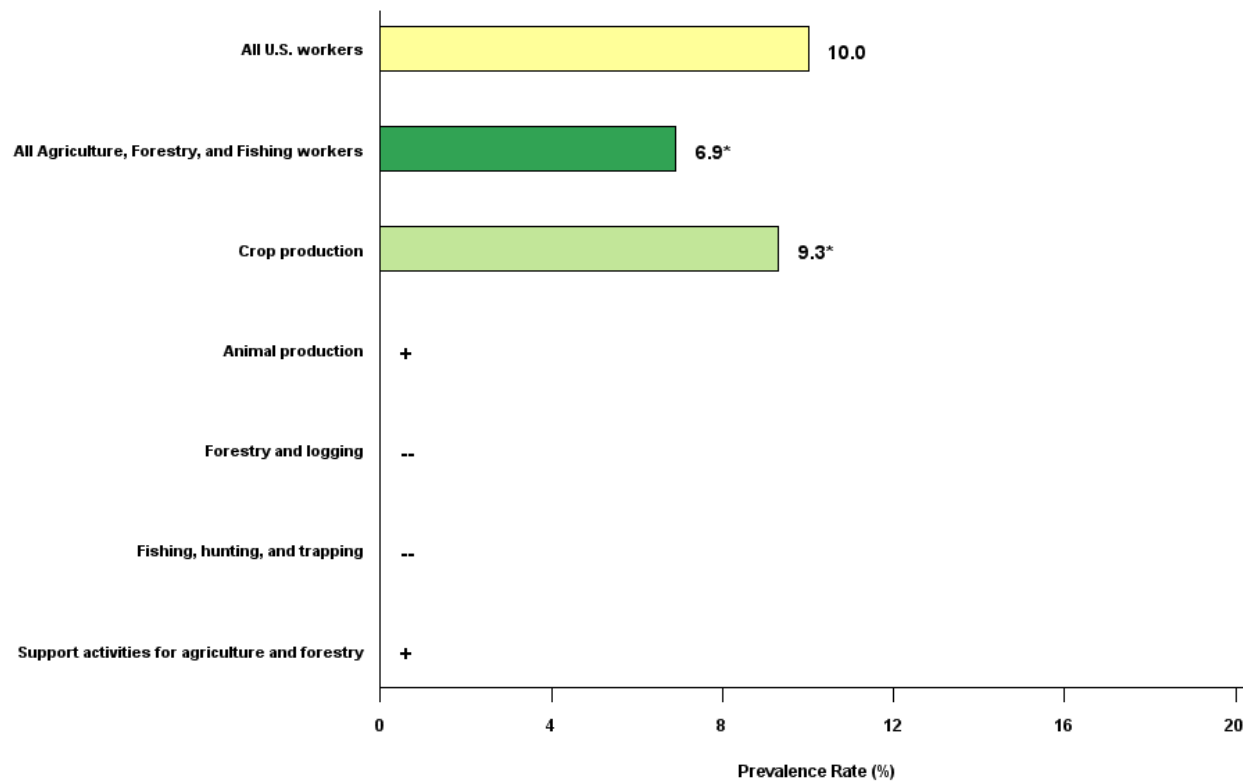
**Table 14. Prevalence of exposure to vapors, gas, dust, or fumes among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	25	0.4	24.2-25.8
<b>All Agriculture, Forestry, and Fishing workers</b>	52.9	4.3	44.5-61.2
<b>Crop production</b>	52.7	5.9	41.1-64.4
<b>Animal production</b>	51.4	7.6	36.4-66.4
<b>Forestry and logging</b>	47.3	11.5	24.6-70.0
<b>Fishing, hunting, and trapping</b>	+	+	+
<b>Support activities for agriculture and forestry</b>	63.2	11.5	40.6-85.7

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Figure 15a. Prevalence of exposure to secondhand smoke at work among non-smoking U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010**

*NHIS Question: During the past 12 months, were you regularly exposed to tobacco smoke from other people at work twice a week or more?*



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

**Table 15a. Prevalence of exposure to secondhand smoke at work among non-smoking U.S. adults by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	10.0	0.3	9.3-10.6
<b>All Agriculture, Forestry, and Fishing workers</b>	6.9*	2.3	2.5-11.4
<b>Crop production</b>	9.3*	3.8	1.9-16.8
<b>Animal production</b>	+	+	+
<b>Forestry and logging</b>	--	--	--
<b>Fishing, hunting, and trapping</b>	--	--	--
<b>Support activities for agriculture and forestry</b>	+	+	+

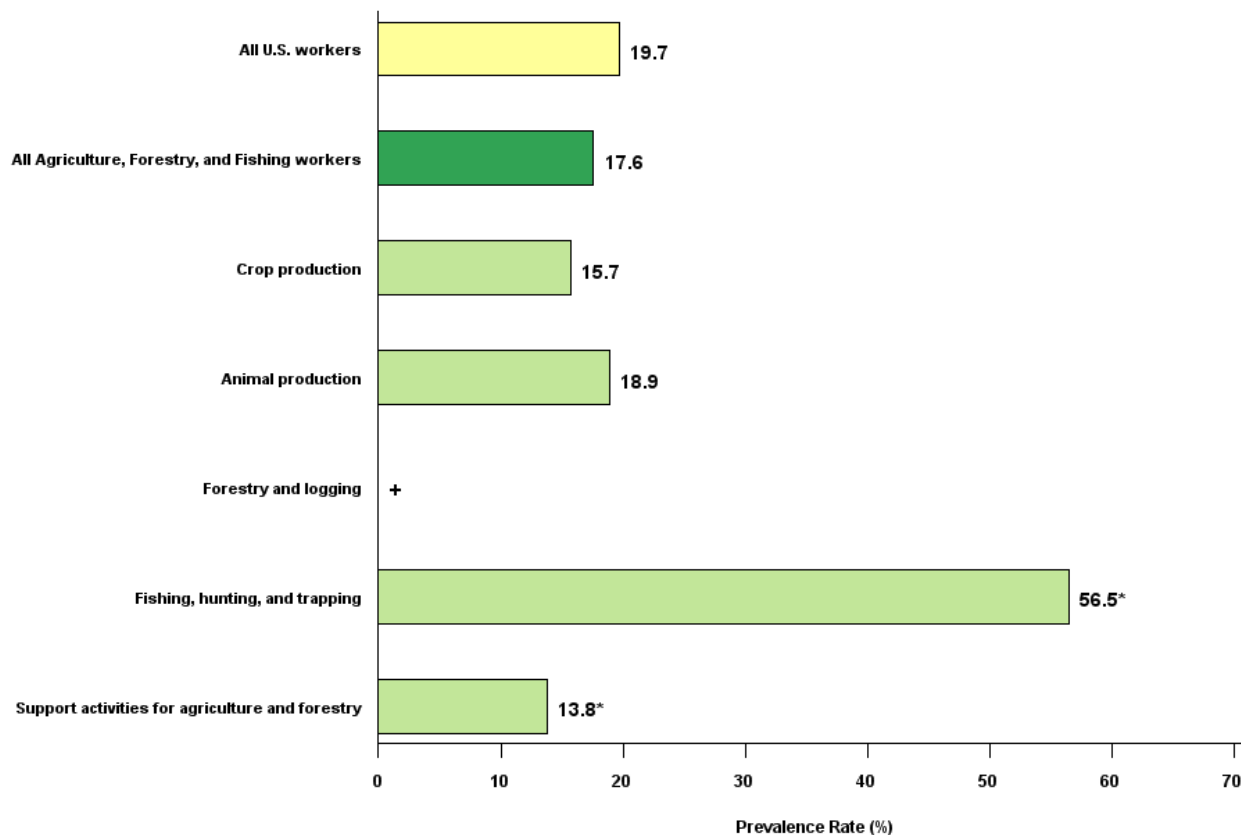
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

-- No cases detected, likely due to insufficient sample size.

Figure 15b. Prevalence of Smoking among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010

NHIS Question: Do you now smoke cigarettes every day, some days or not at all?



\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

**Table 15b. Prevalence of smoking among U.S. adults who worked in the past 12 months by Agriculture, Forestry, and Fishing subsector, 2010**

	<b>Prevalence (%)</b>	<b>Standard Error of Prevalence</b>	<b>95% Confidence Interval</b>
<b>All U.S. workers</b>	19.7	0.4	18.9-20.4
<b>All Agriculture, Forestry, and Fishing workers</b>	17.6	2.6	12.5-22.8
<b>Crop production</b>	15.7	4.5	6.8-24.5
<b>Animal production</b>	18.9	4.8	9.5-28.3
<b>Forestry and logging</b>	+	+	+
<b>Fishing, hunting, and trapping</b>	56.5*	18.4	20.3-92.7
<b>Support activities for agriculture and forestry</b>	13.8*	6.1	1.9-25.7

\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.