



OCCUPATIONAL HEALTH SUPPLEMENT

NATIONAL HEALTH INTERVIEW SURVEY

Selected Findings by NORA 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 by National Occupational Research Agenda (NORA) sector through figures and tables in an effort to provide sector leaders with information so they can better understand how the health and exposure burdens in their sector compare to other sectors. Definitions of NORA sectors can be found at <http://www.cdc.gov/niosh/nora/sector.html>.

This profile summarizes the prevalence of selected health outcomes; work organization factors; and psychosocial, physical and chemical exposures among workers by sector.

Comparison of All NORA Sectors

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Comparison of All NORA Sectors

Table A. U.S. workers by NORA sector ¹, 2010

NORA sector ¹	Estimated Population Represented by Sample	% of U.S. workforce
Agriculture, Forestry, and Fishing	2,307,864	1.5
Mining and Oil and Gas Extraction ²	720,938	0.5
Construction	10,639,327	7.0
Manufacturing	14,555,583	9.5
Wholesale and Retail Trade	20,994,763	13.7
Transportation, Warehousing, and Utilities	7,638,934	5.0
Services	73,941,622	48.3
Healthcare and Social Assistance	20,520,877	13.4
Public Safety	1,771,159	1.2
Total	152,978,419	100

¹ All sectors were defined by industry codes, except for Public Safety, which was defined by occupation codes. At the request of sector leaders, Public Safety workers in Service industries (n=188) are excluded from the Services sector estimates; but, Public Safety workers in other industries are included in the estimates for those industry sectors in addition to being included in the Public Safety sector estimates.

² The Mining and Oil and Gas Extraction sectors were combined due to small sample sizes.

Comparison of All NORA Sectors

Table B. U.S. workers by occupational categories, 2010

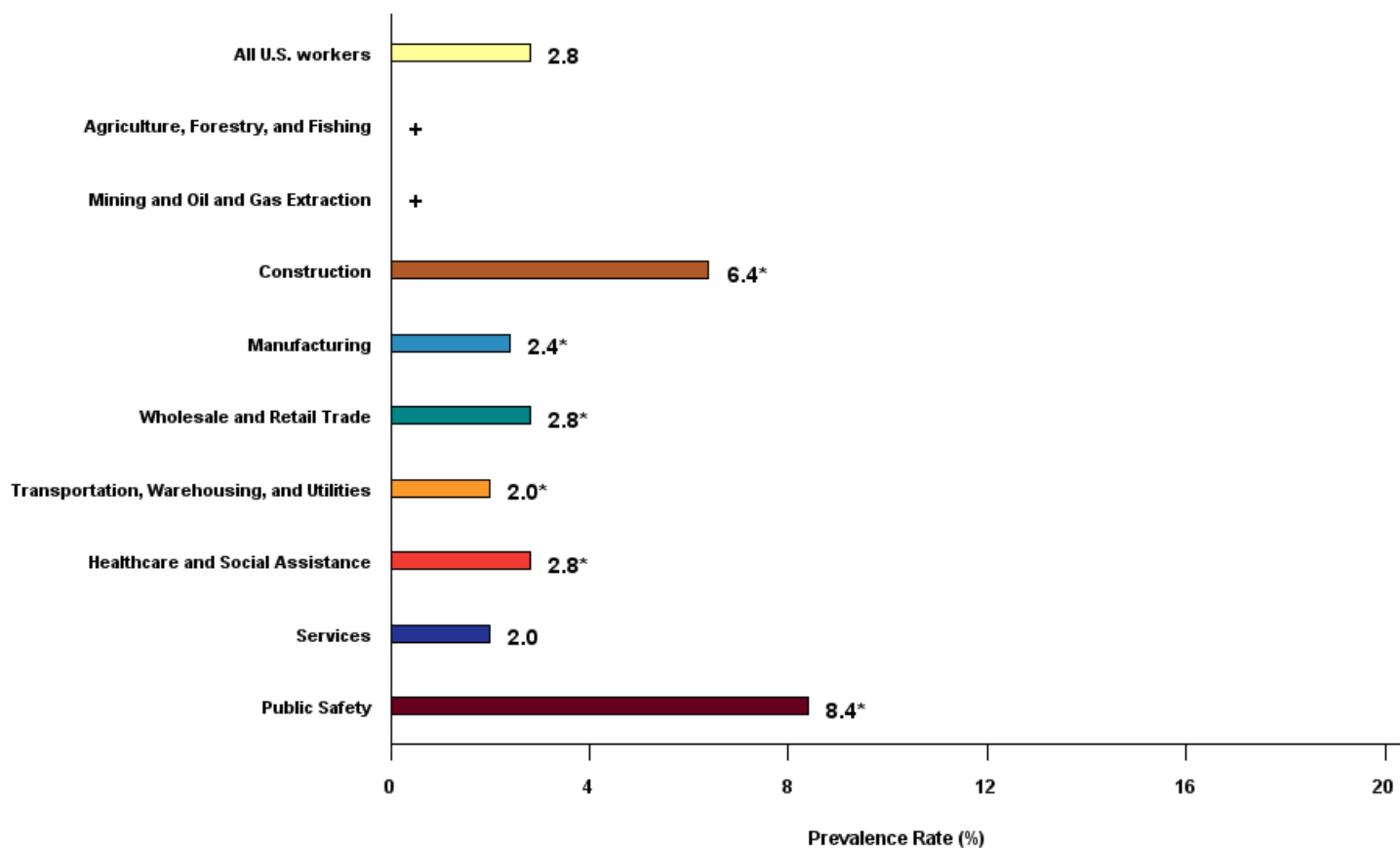
Occupational category	Census 2010 Occupation codes	Estimated Population Represented by Sample	% of U.S. workforce
Management Occupations	0010-0430	14,409,015	9.4
Business and Financial Operations Occupations	0500-0950	7,028,726	4.6
Computer and Mathematical Occupations	1005-1240	4,255,879	2.8
Architecture and Engineering Occupations	1300-1560	3,019,587	2.0
Life, Physical, and Social Science Occupations	1600-1965	1,690,967	1.1
Community and Social Services Occupations	2000-2060	2,781,727	1.8
Legal Occupations	2100-2160	1,808,624	1.2
Education, Training, and Library Occupations	2200-2550	10,415,215	6.8
Arts, Design, Entertainment, Sports and Media Occupations	2600-2960	3,250,877	2.1
Healthcare Practitioners and Technical Occupations	3000-3540	7,285,354	4.8
Healthcare Support Occupations	3600-3655	3,824,192	2.5
Protective Service Occupations	3700-3955	3,022,051	2.0
Food Preparation and Serving Related Occupations	4000-4160	8,801,848	5.8
Building and Grounds Cleaning and Maintenance Occupations	4200-4250	6,023,061	3.9
Personal Care and Service Occupations	4300-4650	5,733,786	3.8
Sales and Related Occupations	4700-4965	16,176,187	10.6
Office and Administrative Support Occupations	5000-5940	20,496,832	13.4
Farming, Fishing, and Forestry Occupations	6005-6130	1,047,584	0.7
Construction and Extraction Occupations	6200-6940	8,706,681	5.7
Installation, Maintenance, and Repair Occupations	7000-7630	5,281,685	3.5
Production Occupations	7700-8965	9,136,420	6.0
Transportation and Material Moving Occupations	9000-9750	8,684,449	5.7
Total		152,880,747	100

*The total number of workers represented by these occupational groups is slightly less than the total number of workers represented by the industry sample due to missing values for occupation.

Comparison of All NORA Sectors

Figure 1. Prevalence of injury or poisoning at work in the past 12 months among U.S. adults who worked in the past 12 months by NORA sector, 2010

NHIS Question: Did you have a medically-consulted injury or poisoning during the past 3 months while working at a paid job?¹



¹ The 12-month prevalence estimates presented here were obtained by multiplying 3-month estimates by 4.

* 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.

Comparison of All NORA Sectors

Table 1. Prevalence of injury or poisoning at work in the past 12 months¹ among U.S. adults who worked in the past 12 months by industry sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	2.8	0.4	2.0-3.4
Agriculture, Forestry, and Fishing	+	+	+
Mining and Oil and Gas Extraction	+	+	+
Construction	6.4*	2.2	2.0-10.8
Manufacturing	2.4*	0.9	0.7-4.1
Wholesale and Retail Trade	2.8*	1.4	0.3-5.7
Transportation, Warehousing, and Utilities	2.0*	0.9	0.3-3.9
Healthcare and Social Assistance	2.8*	0.9	1.1-4.7
Services	2.0	0.4	1.1-2.7
Public Safety	8.4*	4.0	0.5-16.0

¹ The 12-month prevalence estimates presented here were obtained by multiplying 3-month estimates by 4.

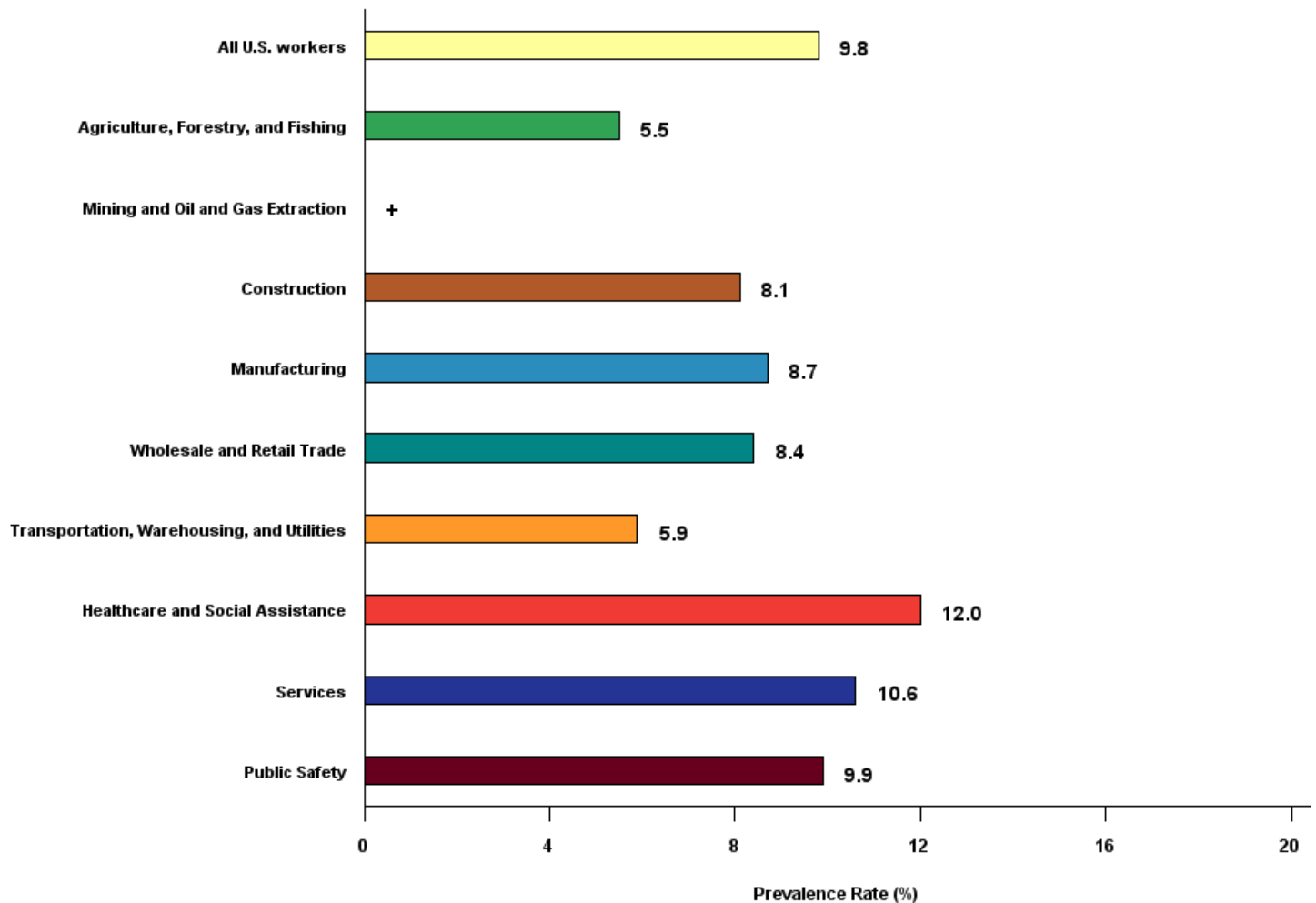
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Comparison of All NORA Sectors

Figure 2a. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by NORA sector, 2010

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



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

Comparison of All NORA Sectors

Table 2a. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by NORA sector, 2010

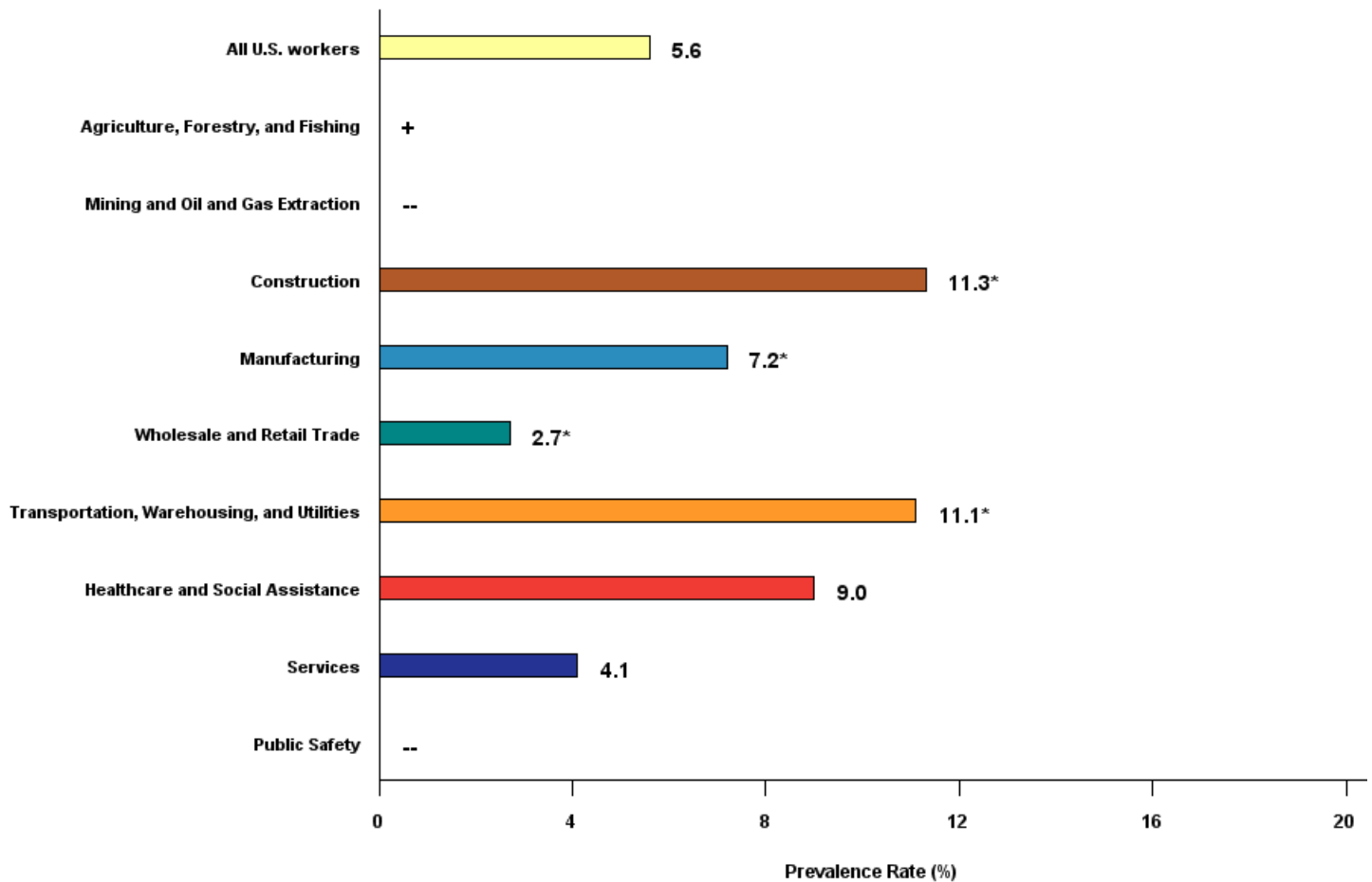
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	9.8	0.3	9.2-10.3
Agriculture, Forestry, and Fishing	5.5	1.6	2.4-8.7
Mining and Oil and Gas Extraction	+	+	+
Construction	8.1	1.0	6.3-10.0
Manufacturing	8.7	0.8	7.2-10.2
Wholesale and Retail Trade	8.4	0.8	6.9-9.9
Transportation, Warehousing, and Utilities	5.9	0.9	4.1-7.7
Healthcare and Social Assistance	12.0	0.8	10.4-13.6
Services	10.6	0.4	9.8-11.5
Public Safety	9.9	2.3	5.3-14.4

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

Comparison of All NORA Sectors

Figure 2b. Proportion of dermatitis cases attributed to work by a healthcare professional among U.S. adults who worked in the past 12 months by NORA sector, 2010

NHIS Question: Have you been told by a doctor or other health professional that your asthma was probably caused by/ made worse by your work?



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+ 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.

Comparison of All NORA Sectors

Table 2b. Proportion of dermatitis cases attributed to work by a healthcare professional among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	5.6	0.7	4.3-7.0
Agriculture, Forestry, and Fishing	+	+	+
Mining and Oil and Gas Extraction	--	--	--
Construction	11.3*	4.0	3.5-19.2
Manufacturing	7.2*	2.5	2.4-12.0
Wholesale and Retail Trade	2.7*	1.3	0.2-5.2
Transportation, Warehousing, and Utilities	11.1*	5.4	0.4-21.7
Healthcare and Social Assistance	9.0	2.1	4.7-13.2
Services	4.1	0.8	2.6-5.7
Public Safety	--	--	--

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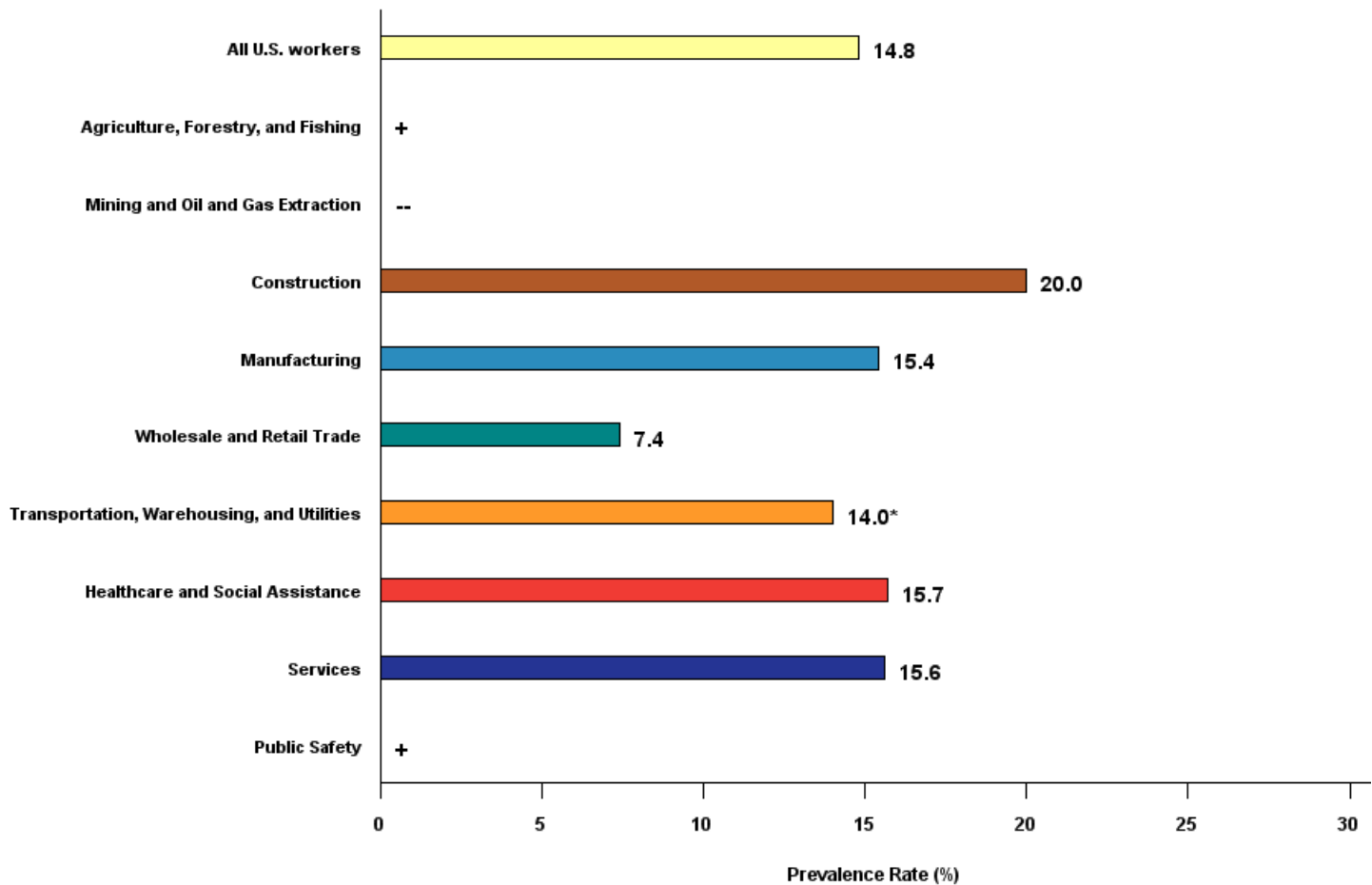
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Comparison of All NORA Sectors

Figure 2c. Proportion of dermatitis cases resulting in days away from work among U.S. adults who worked in the past 12 months by NORA sector, 2010

NHIS Question: During the past 12 months, [did you miss at least 1 full day] from work because of your asthma?



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+ 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.

Comparison of All NORA Sectors

Table 2c. Proportion of dermatitis cases resulting in days away from work among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	14.8	1.0	12.9-16.7
Agriculture, Forestry, and Fishing	+	+	+
Mining and Oil and Gas Extraction	--	--	--
Construction	20.0	4.5	11.1-28.9
Manufacturing	15.4	3.9	7.7-23.0
Wholesale and Retail Trade	7.4	2.0	3.5-11.4
Transportation, Warehousing, and Utilities	14.0*	5.4	3.3-24.7
Healthcare and Social Assistance	15.7	2.3	11.2-20.2
Services	15.6	1.4	13.0-18.3
Public Safety	+	+	+

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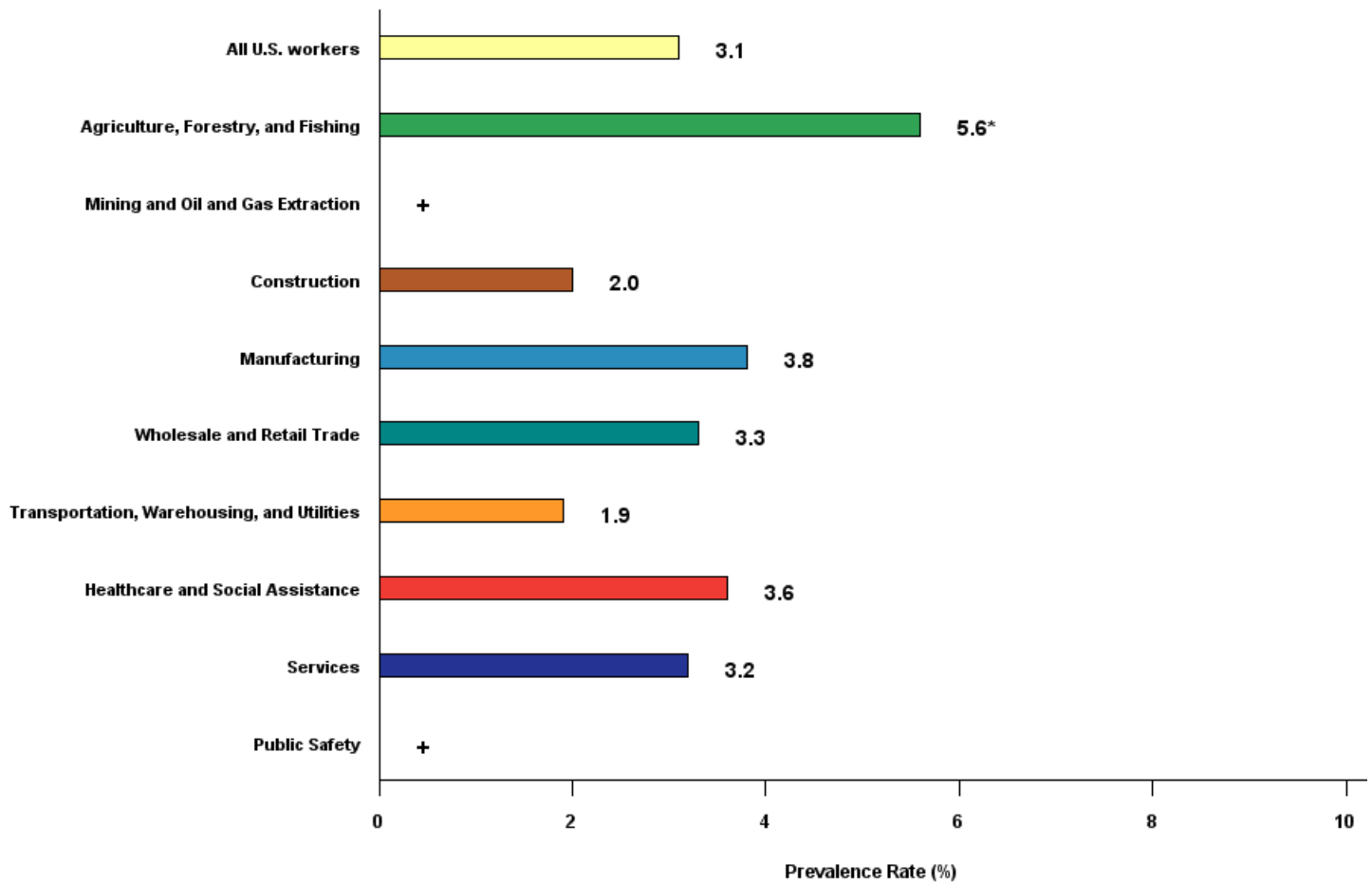
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-- No cases detected, likely due to insufficient sample size.

Comparison of All NORA Sectors

Figure 3a. Prevalence of carpal tunnel syndrome in the past 12 months among U.S. adults who worked in the past 12 months by NORA sector, 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?



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Comparison of All NORA Sectors

Table 3a. Prevalence of carpal tunnel syndrome in the past 12 months among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	3.1	0.2	2.8-3.4
Agriculture, Forestry, and Fishing	5.6*	2.6	0.6-10.7
Mining and Oil and Gas Extraction	+	+	+
Construction	2.0	0.5	1.0-2.9
Manufacturing	3.8	0.5	2.9-4.8
Wholesale and Retail Trade	3.3	0.4	2.6-4.1
Transportation, Warehousing, and Utilities	1.9	0.5	0.9-3.0
Healthcare and Social Assistance	3.6	0.5	2.7-4.5
Services	3.2	0.2	2.8-3.6
Public Safety	+	+	+

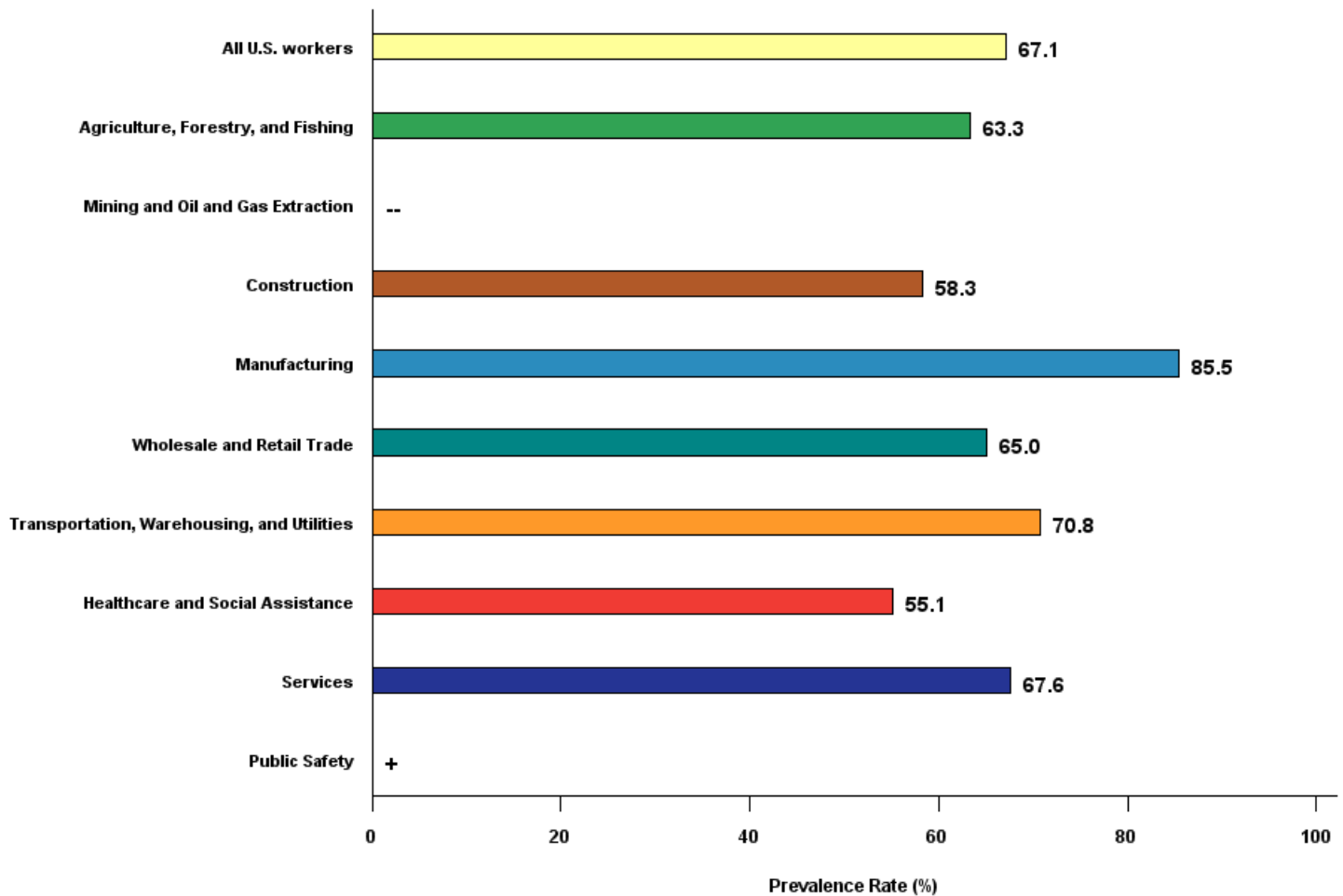
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Comparison of All NORA Sectors

Figure 3b. Proportion of carpal tunnel syndrome cases attributed to work by a healthcare professional among U.S. adults who worked in the past 12 months by NORA sector, 2010

NHIS Question: Have you been told by a doctor or other health professional that your carpal tunnel syndrome was probably work-related?



+ 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.

Comparison of All NORA Sectors

Table 3b. Proportion of carpal tunnel syndrome cases attributed to work by a healthcare professional among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	67.1	2.2	62.9-71.4
Agriculture, Forestry, and Fishing	63.3	17.9	28.0-98.6
Mining and Oil and Gas Extraction	--	--	--
Construction	58.3	11.8	35.1-81.6
Manufacturing	85.5	4.8	76.1-95.0
Wholesale and Retail Trade	65.0	5.8	53.5-76.4
Transportation, Warehousing, and Utilities	70.8	10.6	50.0-91.6
Healthcare and Social Assistance	55.1	6.6	42.1-68.1
Services	67.6	3.2	61.3-74.0
Public Safety	+	+	+

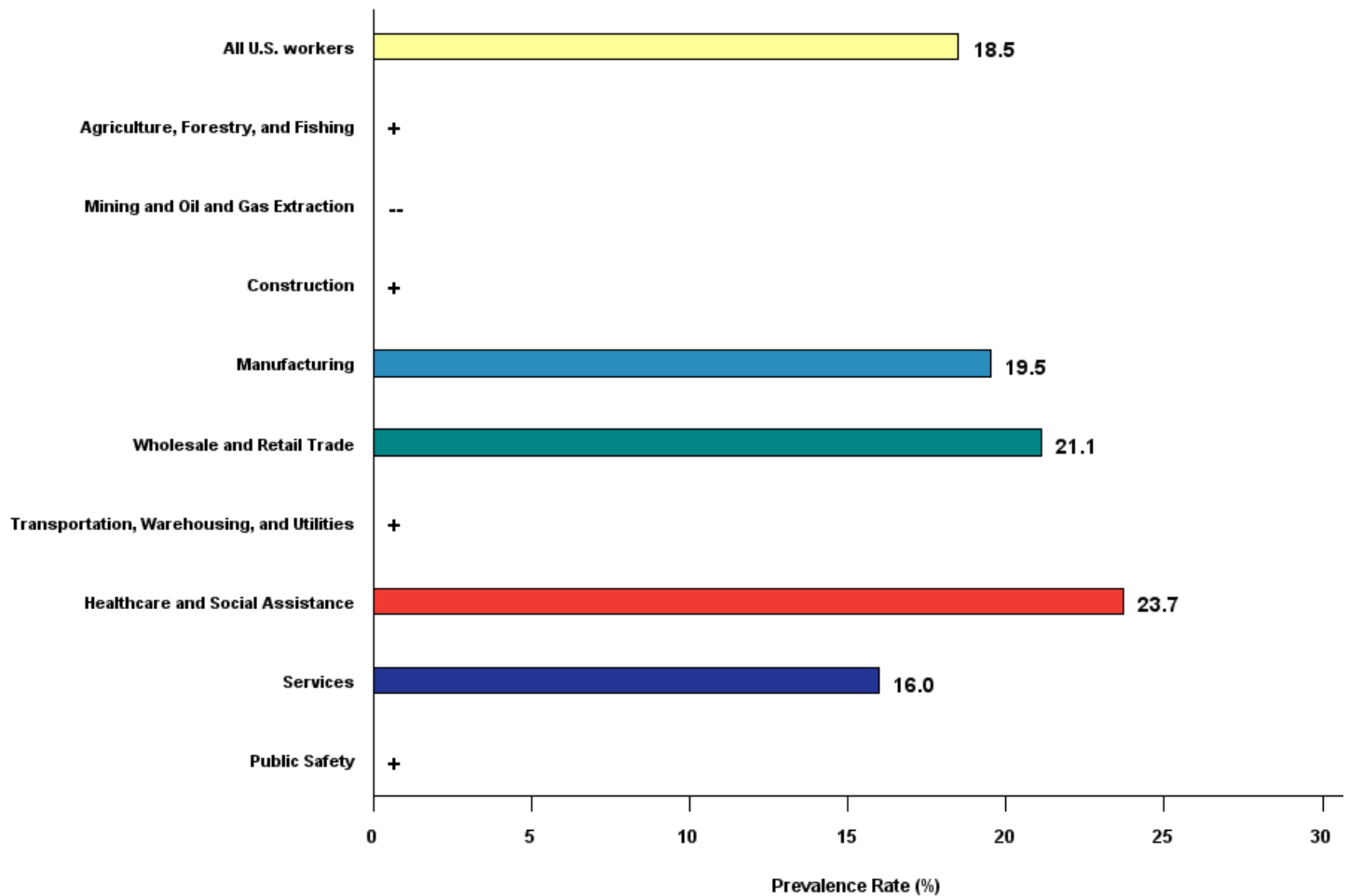
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-- No cases detected, likely due to insufficient sample size.

Comparison of All NORA Sectors

Figure 3c. Proportion of carpal tunnel syndrome cases resulting in days away from work among U.S. adults who worked in the past 12 months by NORA sector, 2010

NHIS Question: During the past 12 months, [did you miss at least 1 full day] from work because of your carpal tunnel syndrome?



+ 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.

Comparison of All NORA Sectors

Table 3c. Proportion of carpal tunnel syndrome cases resulting in days away from work among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	18.5	1.8	14.8-22.1
Agriculture, Forestry, and Fishing	+	+	+
Mining and Oil and Gas Extraction	--	--	--
Construction	+	+	+
Manufacturing	19.5	5.7	8.3-30.8
Wholesale and Retail Trade	21.1	5.5	10.2-32.0
Transportation, Warehousing, and Utilities	+	+	+
Healthcare and Social Assistance	23.7	5.5	12.9-34.5
Services	16.0	2.6	11.0-21.0
Public Safety	+	+	+

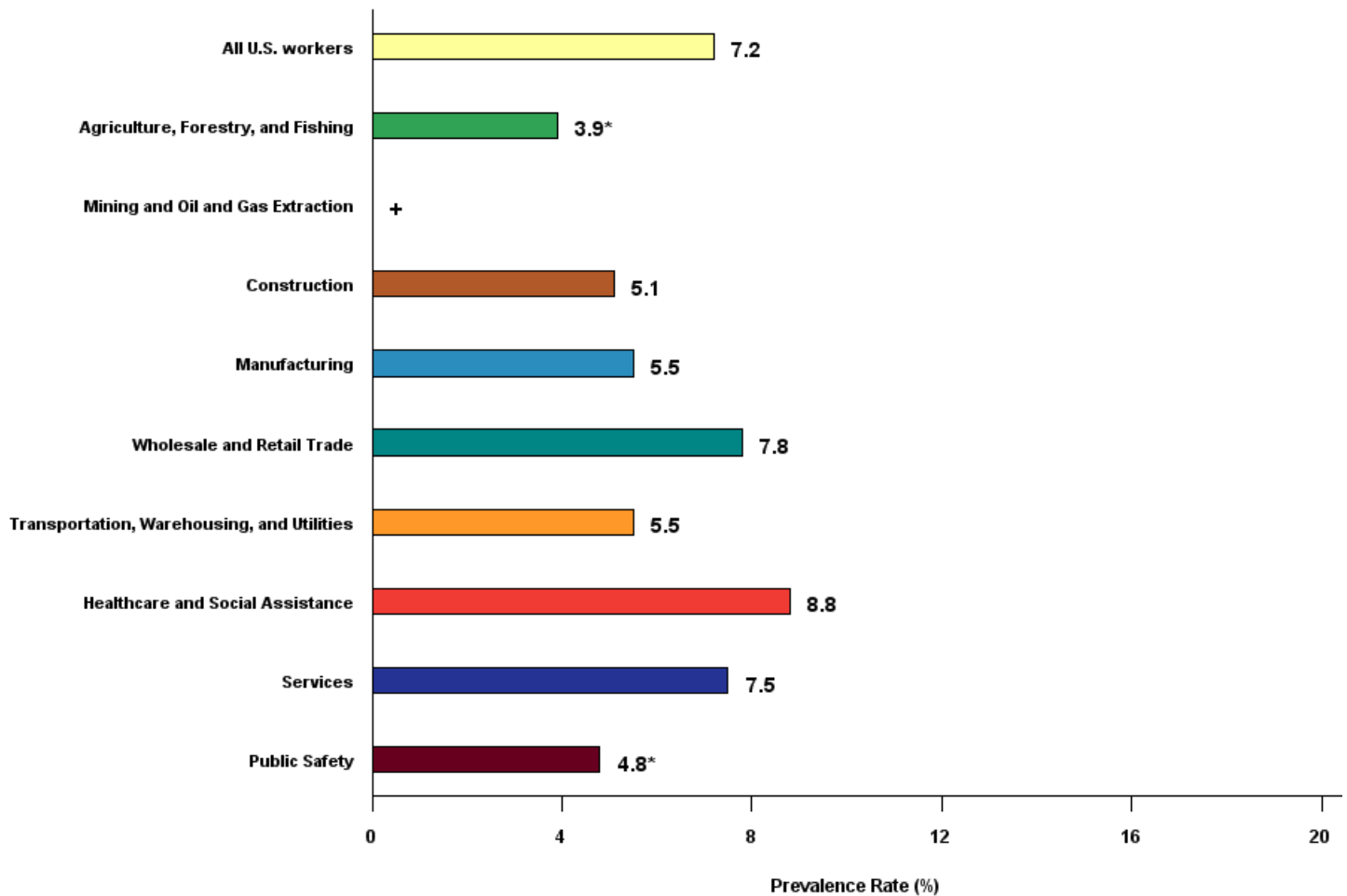
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Comparison of All NORA Sectors

**Figure 4a. Prevalence of current asthma
among U.S. adults who worked in the past 12 months by NORA sector, 2010**

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



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Comparison of All NORA Sectors

Table 4a. Prevalence of current asthma among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	7.2	0.2	6.7-7.6
Agriculture, Forestry, and Fishing	3.9*	1.3	1.3-6.4
Mining and Oil and Gas Extraction	+	+	+
Construction	5.1	0.8	3.4-6.7
Manufacturing	5.5	0.7	4.2-6.9
Wholesale and Retail Trade	7.8	0.8	6.4-9.3
Transportation, Warehousing, and Utilities	5.5	0.9	3.6-7.3
Healthcare and Social Assistance	8.8	0.7	7.5-10.0
Services	7.5	0.3	6.8-8.2
Public Safety	4.8*	1.8	1.3-8.3

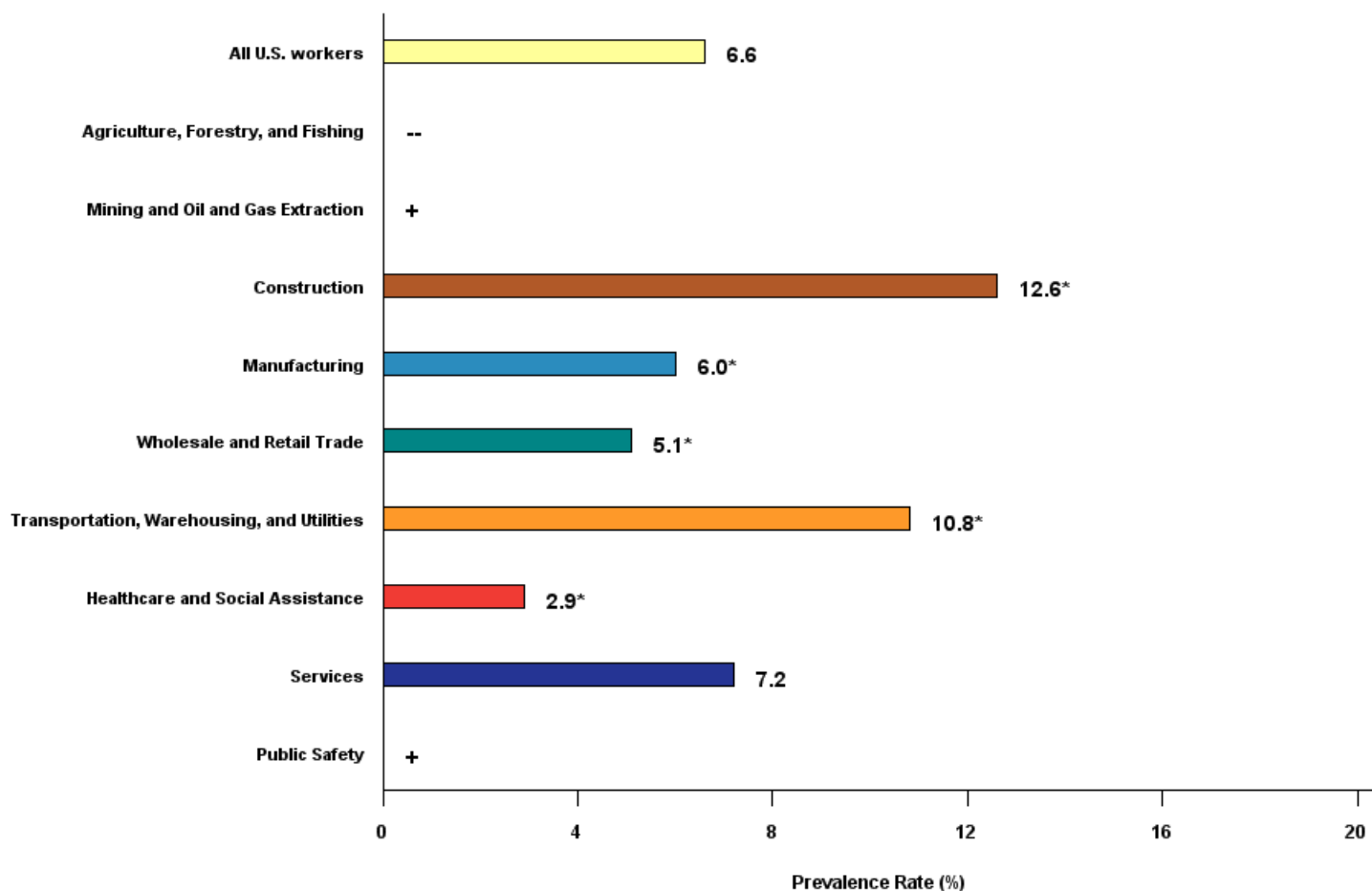
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Comparison of All NORA Sectors

Figure 4b. Proportion of asthma cases attributed to work by a healthcare professional among U.S. adults who worked in the past 12 months by NORA sector, 2010

NHIS Question: Have you been told by a doctor or other health professional that your asthma was probably caused by/made worse by your work?



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Comparison of All NORA Sectors

Table 4b. Proportion of asthma cases attributed to work by a healthcare professional among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	6.6	0.8	5.1-8.2
Agriculture, Forestry, and Fishing	--	--	--
Mining and Oil and Gas Extraction	+	+	+
Construction	12.6*	6.2	0.5-24.8
Manufacturing	6.0*	2.4	1.2-10.7
Wholesale and Retail Trade	5.1*	1.7	1.8-8.5
Transportation, Warehousing, and Utilities	10.8*	5.4	0.3-21.4
Healthcare and Social Assistance	2.9*	1.2	0.5-5.2
Services	7.2	1.1	5.0-9.3
Public Safety	+	+	+

* 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.

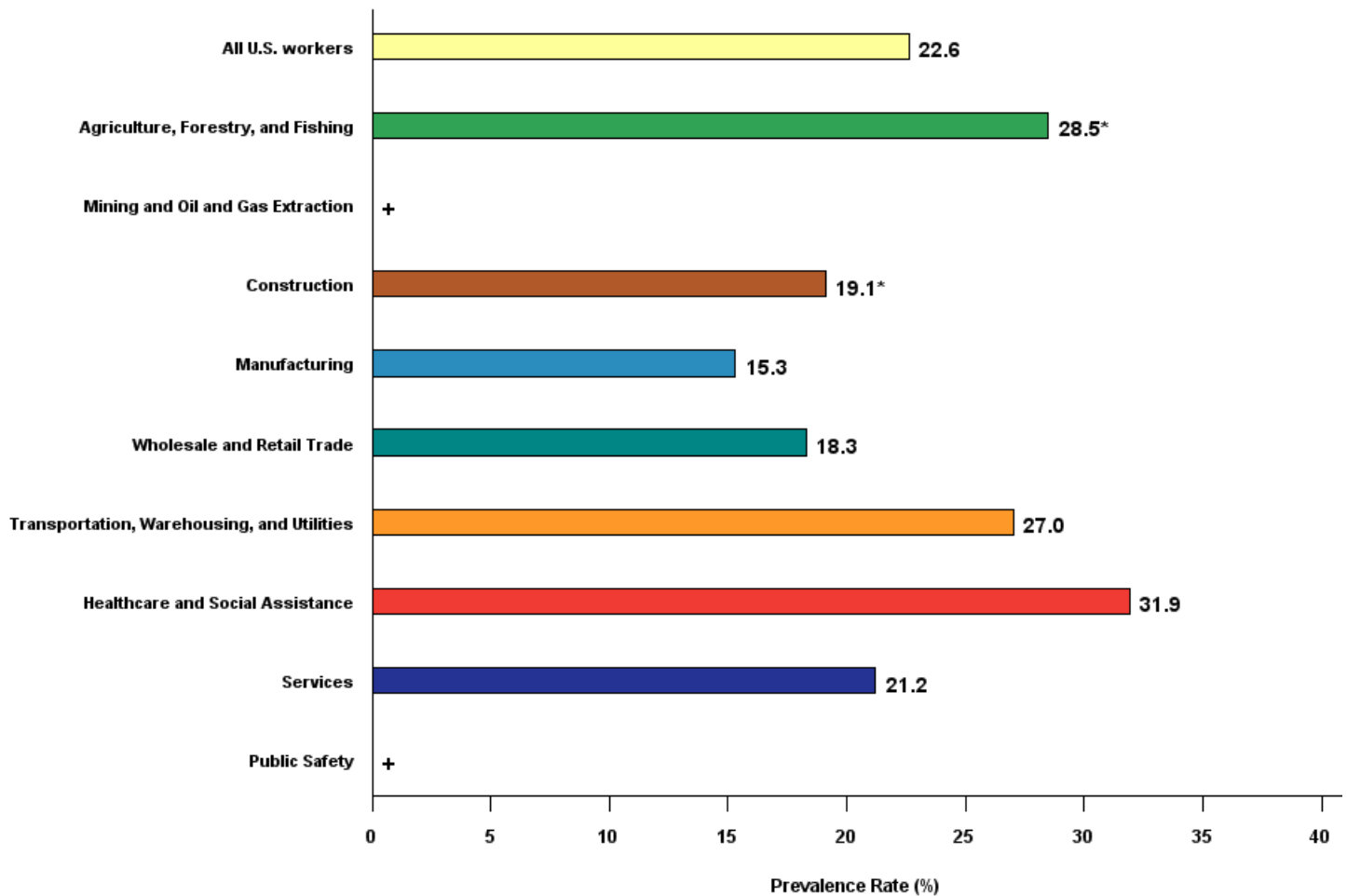
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-- No cases detected, likely due to insufficient sample size.

Comparison of All NORA Sectors

Figure 4c. Proportion of asthma cases resulting in days away from work among U.S. adults who worked in the past 12 months by NORA sector, 2010

NHIS Question: During the past 12 months, [did you miss at least 1 full day] from work because of your 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.

Comparison of All NORA Sectors

Table 4c. Proportion of asthma cases resulting in days away from work among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	22.6	1.4	19.9-25.3
Agriculture, Forestry, and Fishing	28.5*	13.7	1.6-55.4
Mining and Oil and Gas Extraction	+	+	+
Construction	19.1*	6.8	5.8-32.5
Manufacturing	15.3	3.5	8.5-22.1
Wholesale and Retail Trade	18.3	3.4	11.5-25.1
Transportation, Warehousing, and Utilities	27.0	7.7	11.8-42.3
Healthcare and Social Assistance	31.9	4.1	23.9-39.9
Services	21.2	2.1	17.0-25.3
Public Safety	+	+	+

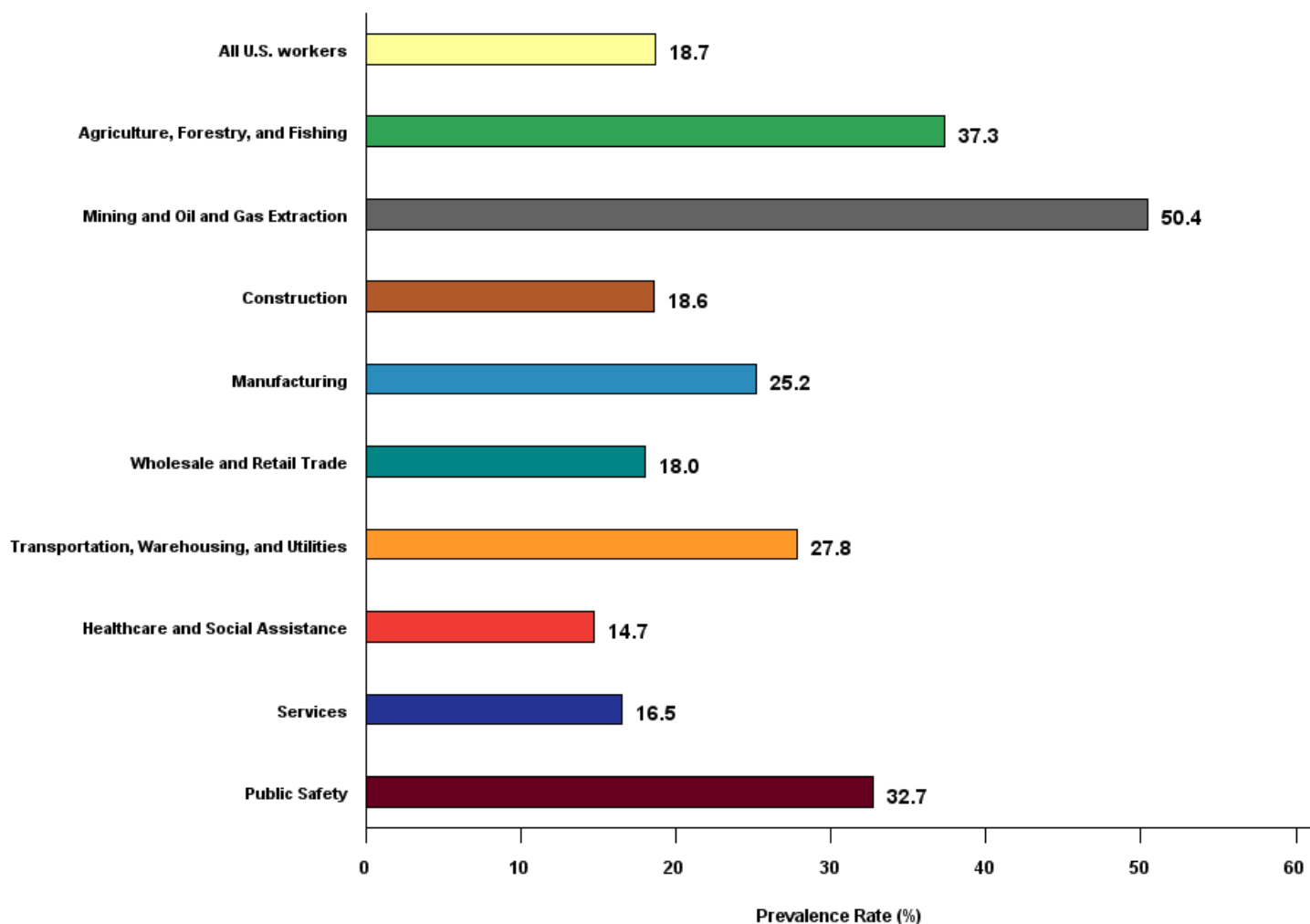
* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

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

Comparison of All NORA Sectors

Figure 5a. Prevalence of working 48 hours or more per week among U.S. adults who worked one job in the past 12 months by NORA sector, 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.)*



Comparison of All NORA Sectors

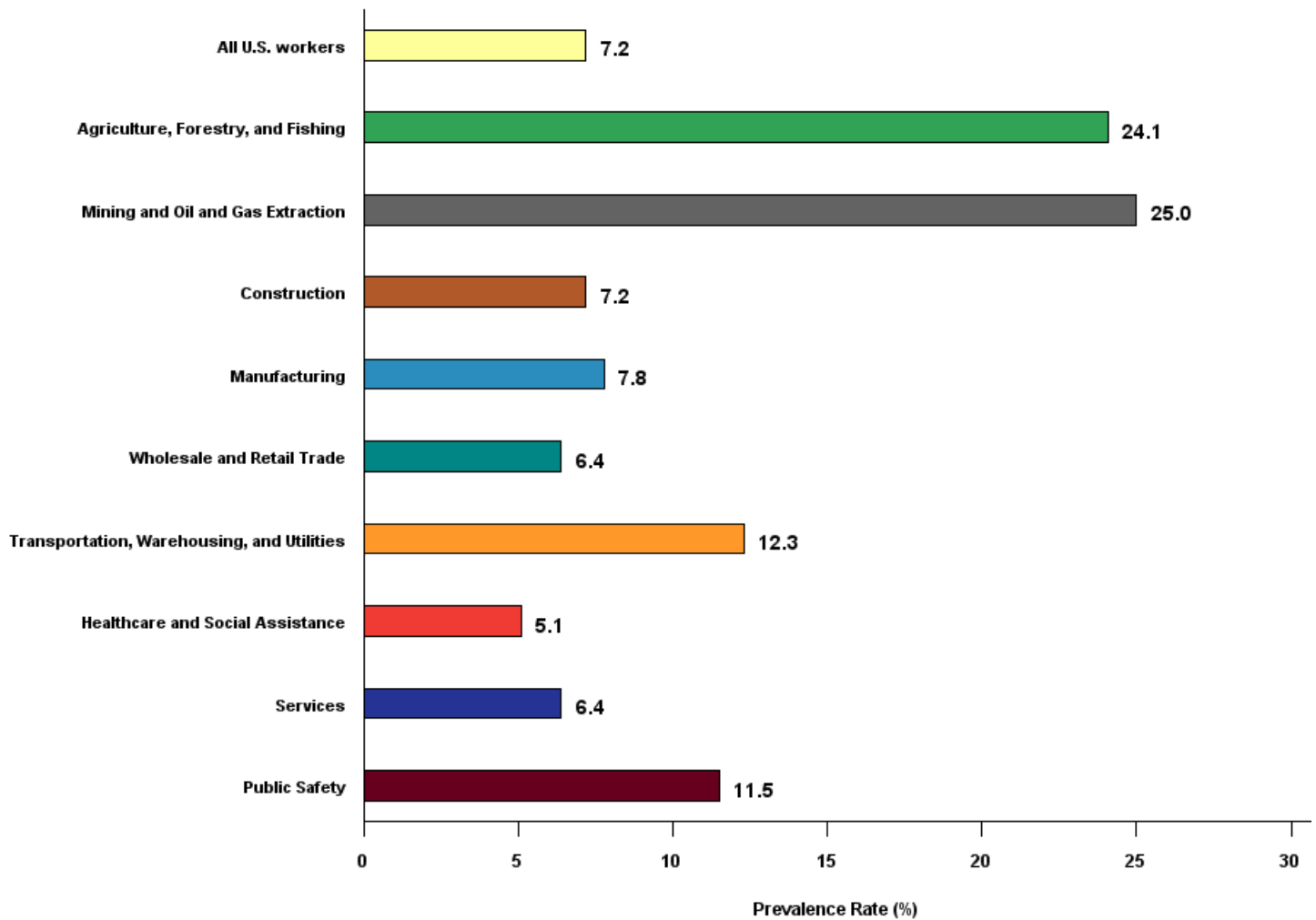
Table 5a. Prevalence of working 48 hours or more per week among U.S. adults working one job at the time of interview by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	18.7	0.4	18.0-19.5
Agriculture, Forestry, and Fishing	37.3	3.8	29.9-44.7
Mining and Oil and Gas Extraction	50.4	6.9	36.8-64.0
Construction	18.6	1.5	15.7-21.5
Manufacturing	25.2	1.5	22.2-28.1
Wholesale and Retail Trade	18.0	1.0	16.1-20.0
Transportation, Warehousing, and Utilities	27.8	2.0	23.9-31.6
Healthcare and Social Assistance	14.7	1.0	12.7-16.8
Services	16.5	0.6	15.4-17.6
Public Safety	32.7	4.7	23.5-42.0

Comparison of All NORA Sectors

Figure 5b. Prevalence of working 60 hours or more per week among U.S. adults who worked one job in the past 12 months by NORA sector, 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.)*



Comparison of All NORA Sectors

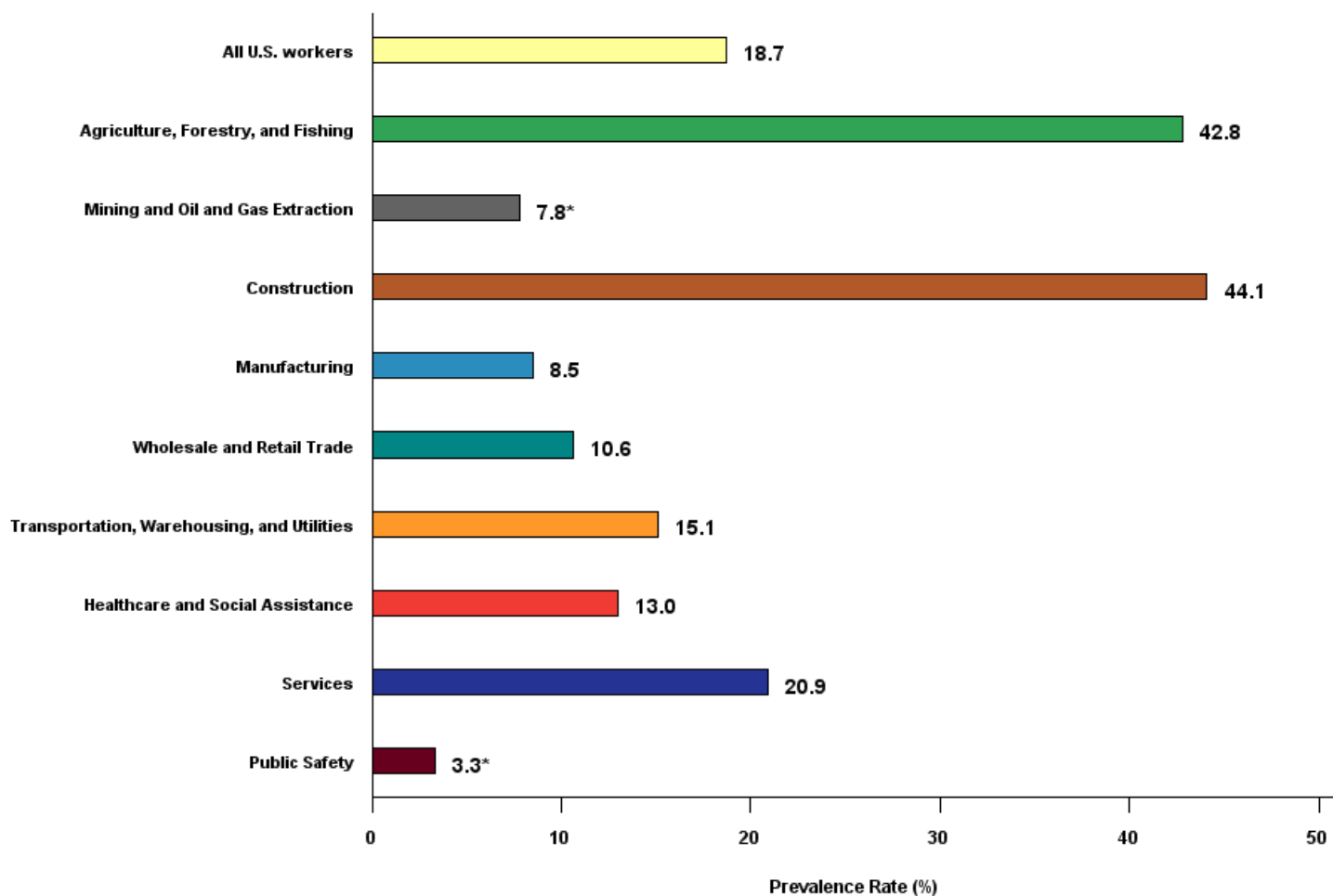
Table 5b. Prevalence of working 60 hours or more per week among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	7.2	0.3	6.7-7.7
Agriculture, Forestry, and Fishing	24.1	3.5	17.2-31.0
Mining and Oil and Gas Extraction	25.0	5.6	13.9-36.0
Construction	7.2	0.9	5.3-9.0
Manufacturing	7.8	0.9	6.0-9.6
Wholesale and Retail Trade	6.4	0.7	5.1-7.8
Transportation, Warehousing, and Utilities	12.3	1.5	9.2-15.3
Healthcare and Social Assistance	5.1	0.6	3.9-6.3
Services	6.4	0.4	5.7-7.1
Public Safety	11.5	3.0	5.7-17.4

Comparison of All NORA Sectors

Figure 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by NORA sector, 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.

Comparison of All NORA Sectors

Table 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by NORA sector, 2010

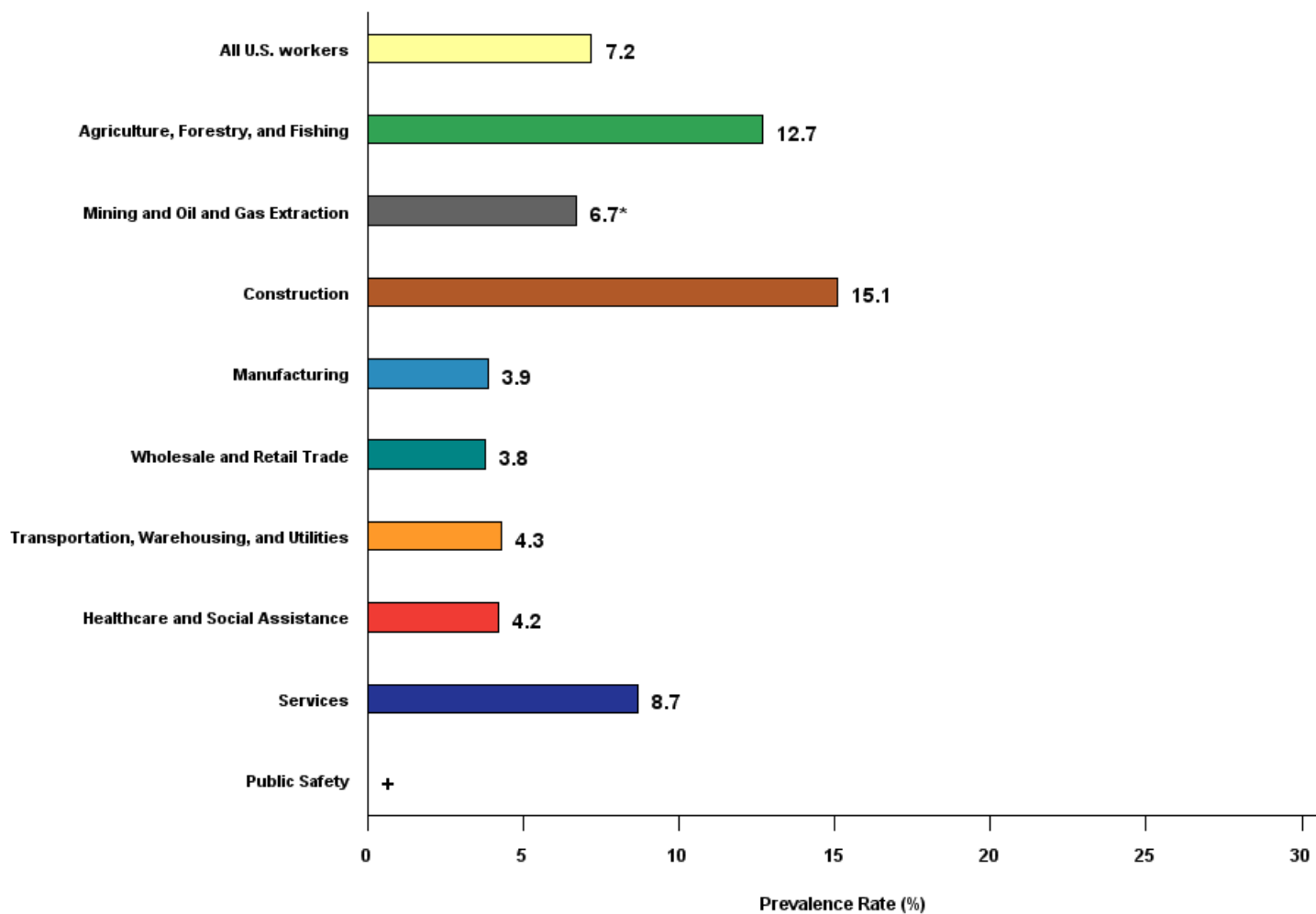
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	18.7	0.4	18.0-19.4
Agriculture, Forestry, and Fishing	42.8	4.0	35.0-50.7
Mining and Oil and Gas Extraction	7.8*	3.5	1.0-14.6
Construction	44.1	1.8	40.5-47.7
Manufacturing	8.5	0.8	7.0-10.1
Wholesale and Retail Trade	10.6	0.8	9.1-12.1
Transportation, Warehousing, and Utilities	15.1	1.4	12.4-17.8
Healthcare and Social Assistance	13.0	0.8	11.5-14.5
Services	20.9	0.5	19.9-22.0
Public Safety	3.3*	1.1	1.2-5.4

* 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.

Comparison of All NORA Sectors

Figure 7. Prevalence of temporary employment
among U.S. adults who worked in the past 12 months by NORA sector, 2010

NHIS Question: [Is your/was your] job temporary?



* 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.

Comparison of All NORA Sectors

Table 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	7.2	0.3	6.7-7.7
Agriculture, Forestry, and Fishing	12.7	2.9	6.9-18.4
Mining and Oil and Gas Extraction	6.7*	3.2	0.4-13.0
Construction	15.1	1.3	12.5-17.7
Manufacturing	3.9	0.5	2.8-5.0
Wholesale and Retail Trade	3.8	0.6	2.6-5.0
Transportation, Warehousing, and Utilities	4.3	0.7	2.9-5.8
Healthcare and Social Assistance	4.2	0.5	3.2-5.1
Services	8.7	0.4	8.0-9.5
Public Safety	+	+	+

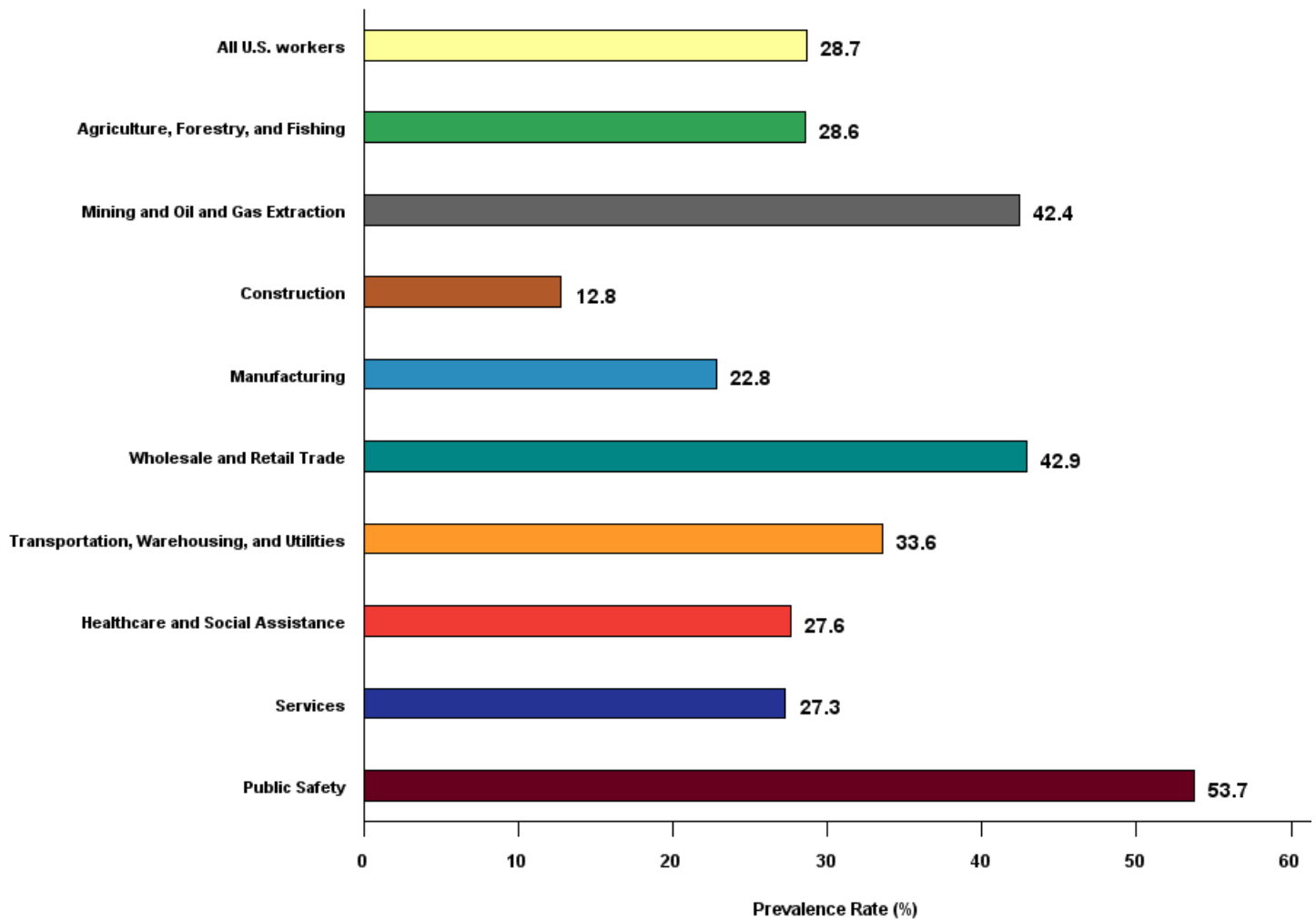
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+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

Comparison of All NORA Sectors

Figure 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by NORA sector, 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)*



Comparison of All NORA Sectors

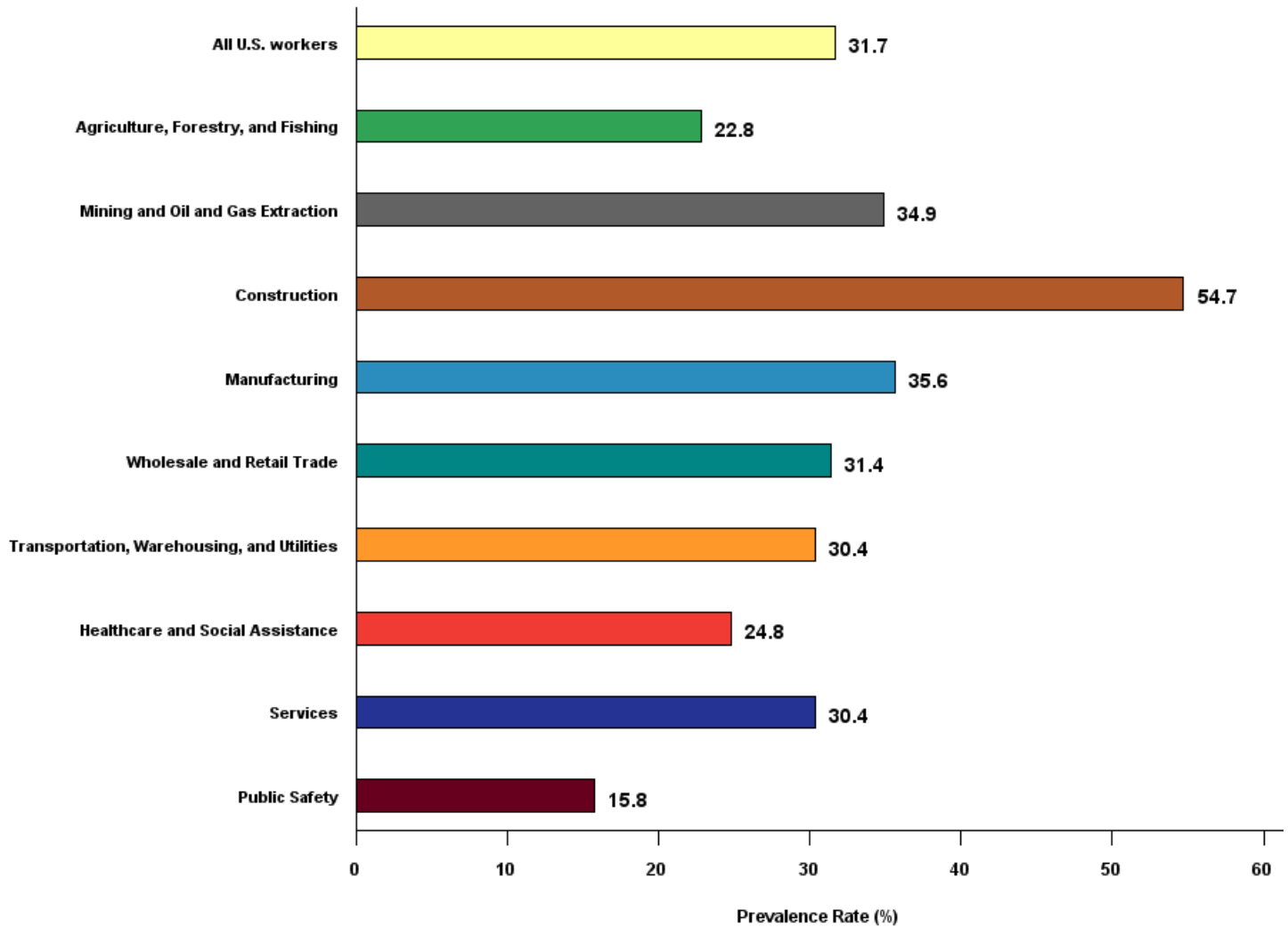
Table 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	28.7	0.5	27.8-29.7
Agriculture, Forestry, and Fishing	28.6	3.4	21.8-35.3
Mining and Oil and Gas Extraction	42.4	6.2	30.2-54.5
Construction	12.8	1.2	10.3-15.2
Manufacturing	22.8	1.2	20.4-25.3
Wholesale and Retail Trade	42.9	1.3	40.3-45.6
Transportation, Warehousing, and Utilities	33.6	1.9	29.9-37.4
Healthcare and Social Assistance	27.6	1.1	25.5-29.7
Services	27.3	0.6	26.0-28.6
Public Safety	53.7	3.9	46.1-61.3

Comparison of All NORA Sectors

Figure 9. Prevalence of job insecurity among working U.S. adults by NORA sector, 2010

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



Comparison of All NORA Sectors

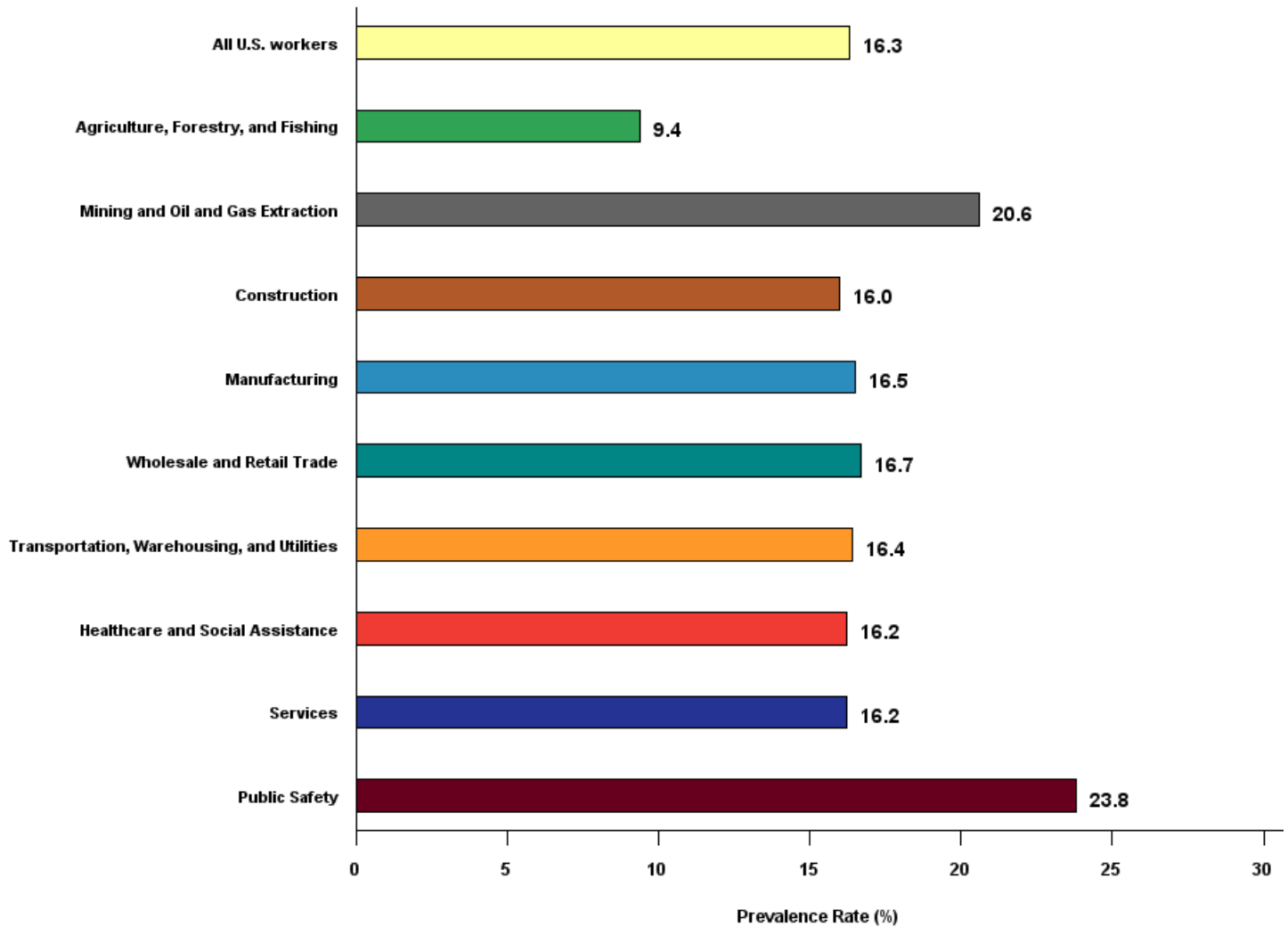
Table 9. Prevalence of job insecurity among working U.S. adults by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	31.7	0.5	30.8-32.6
Agriculture, Forestry, and Fishing	22.8	3.2	16.4-29.1
Mining and Oil and Gas Extraction	34.9	6.6	22.0-47.8
Construction	54.7	1.9	50.9-58.4
Manufacturing	35.6	1.5	32.7-38.5
Wholesale and Retail Trade	31.4	1.2	29.0-33.8
Transportation, Warehousing, and Utilities	30.4	1.9	26.7-34.1
Healthcare and Social Assistance	24.8	1.1	22.6-27.0
Services	30.4	0.6	29.1-31.6
Public Safety	15.8	2.8	10.3-21.3

Comparison of All NORA Sectors

Figure 10. Prevalence of work-family imbalance among working U.S. adults by NORA sector, 2010

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



Comparison of All NORA Sectors

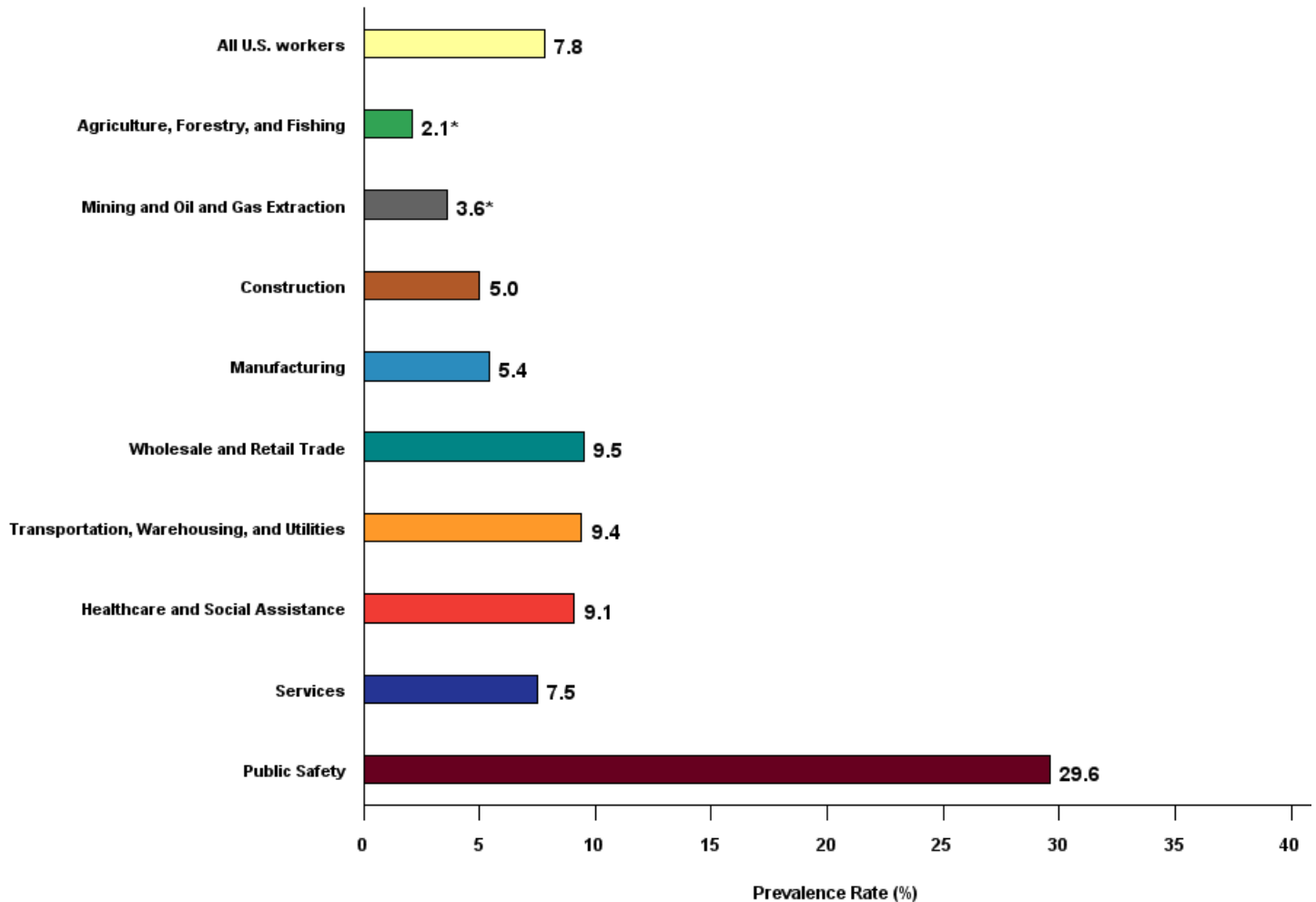
Table 10. Prevalence of work-family imbalance among working U.S. adults by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	16.3	0.4	15.6-17.1
Agriculture, Forestry, and Fishing	9.4	1.8	5.9-12.9
Mining and Oil and Gas Extraction	20.6	5.7	9.4-31.9
Construction	16.0	1.4	13.3-18.6
Manufacturing	16.5	1.1	14.4-18.5
Wholesale and Retail Trade	16.7	1.1	14.5-18.9
Transportation, Warehousing, and Utilities	16.4	1.6	13.3-19.5
Healthcare and Social Assistance	16.2	0.9	14.4-18.0
Services	16.2	0.5	15.2-17.3
Public Safety	23.8	3.6	16.7-30.9

Comparison of All NORA Sectors

Figure 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by NORA sector, 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.

Comparison of All NORA Sectors

Table 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by NORA sector, 2010

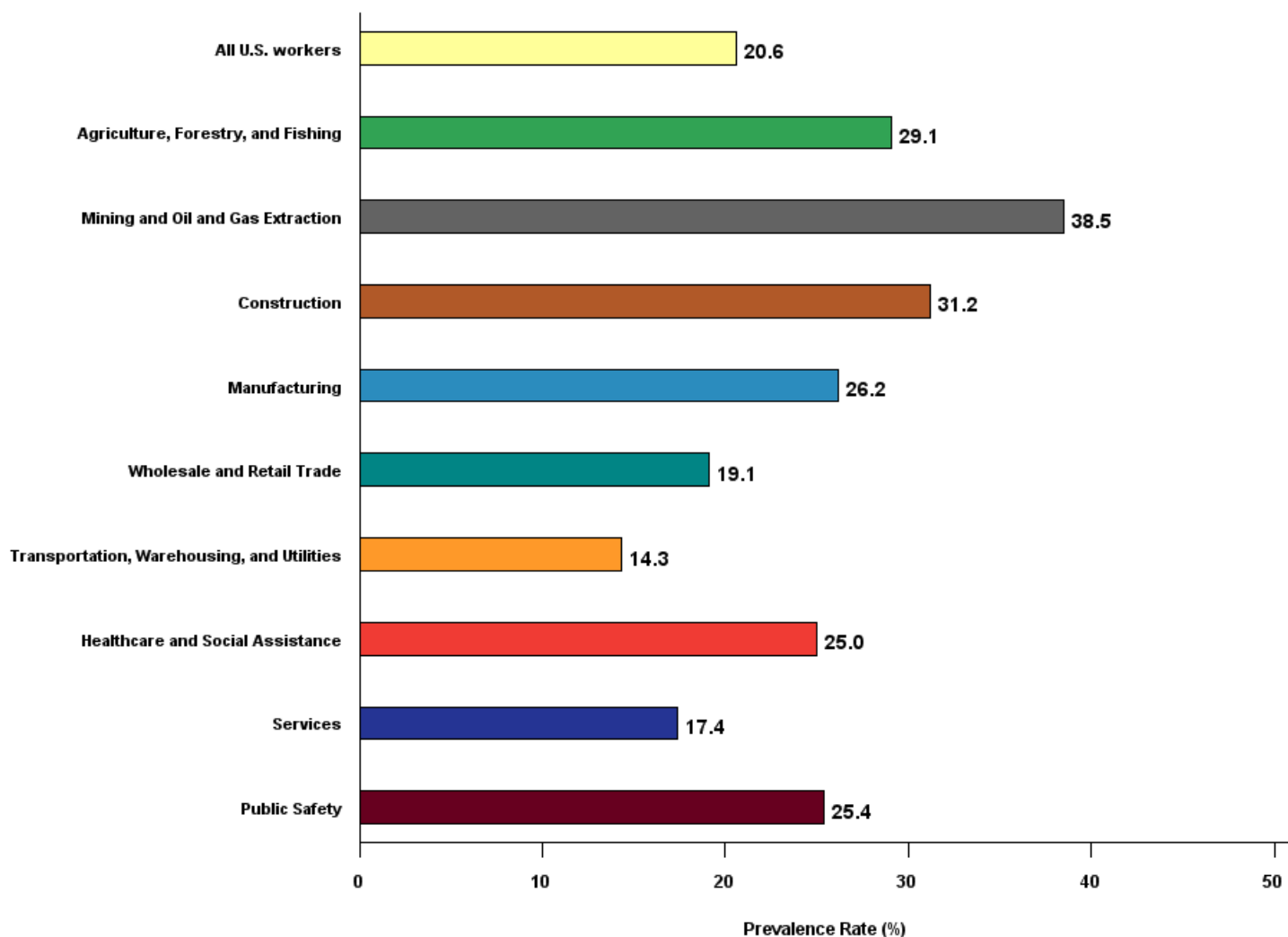
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	7.8	0.3	7.3-8.4
Agriculture, Forestry, and Fishing	2.1*	0.9	0.4-3.8
Mining and Oil and Gas Extraction	3.6*	1.6	0.5-6.8
Construction	5.0	0.8	3.5-6.5
Manufacturing	5.4	0.6	4.1-6.6
Wholesale and Retail Trade	9.5	0.8	7.9-11.1
Transportation, Warehousing, and Utilities	9.4	1.1	7.4-11.5
Healthcare and Social Assistance	9.1	0.7	7.7-10.6
Services	7.5	0.4	6.7-8.3
Public Safety	29.6	3.8	22.1-37.1

* 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.

Comparison of All NORA Sectors

Figure 12. Prevalence of exposure to potential skin hazards at work among U.S. adults who worked in the past 12 months by NORA sector, 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?



Comparison of All NORA Sectors

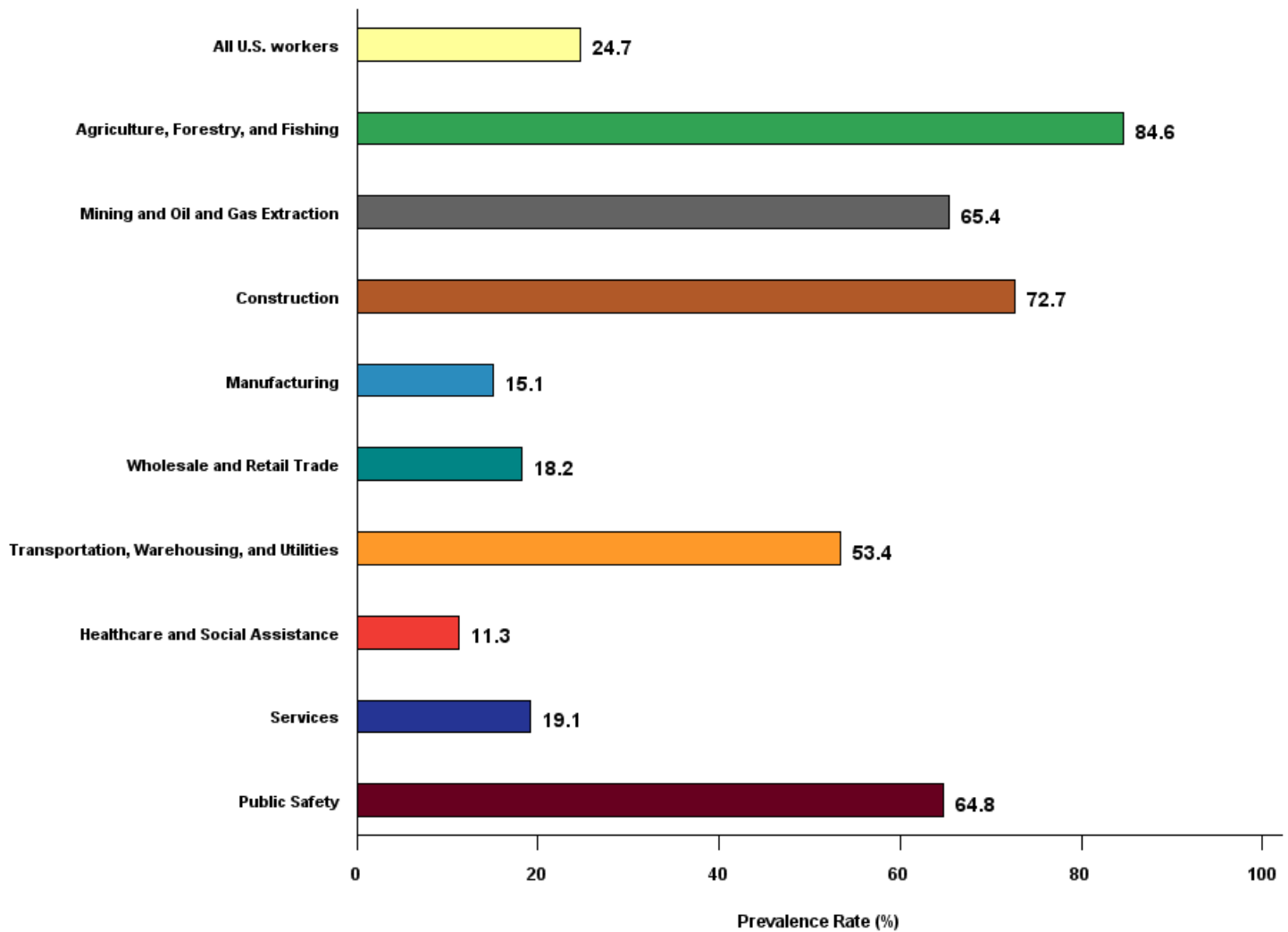
Table 12. Prevalence of exposure to potential skin hazards at work among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	20.6	0.4	19.8-21.3
Agriculture, Forestry, and Fishing	29.1	3.7	21.8-36.5
Mining and Oil and Gas Extraction	38.5	5.7	27.4-49.7
Construction	31.2	1.7	27.9-34.5
Manufacturing	26.2	1.2	23.8-28.6
Wholesale and Retail Trade	19.1	1.1	16.9-21.4
Transportation, Warehousing, and Utilities	14.3	1.4	11.6-17.0
Healthcare and Social Assistance	25.0	1.0	23.0-26.9
Services	17.4	0.5	16.4-18.4
Public Safety	25.4	3.8	17.9-32.8

Comparison of All NORA Sectors

**Figure 13. Prevalence of outdoor work
among U.S. adults who worked in the past 12 months by NORA sector, 2010**

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



Comparison of All NORA Sectors

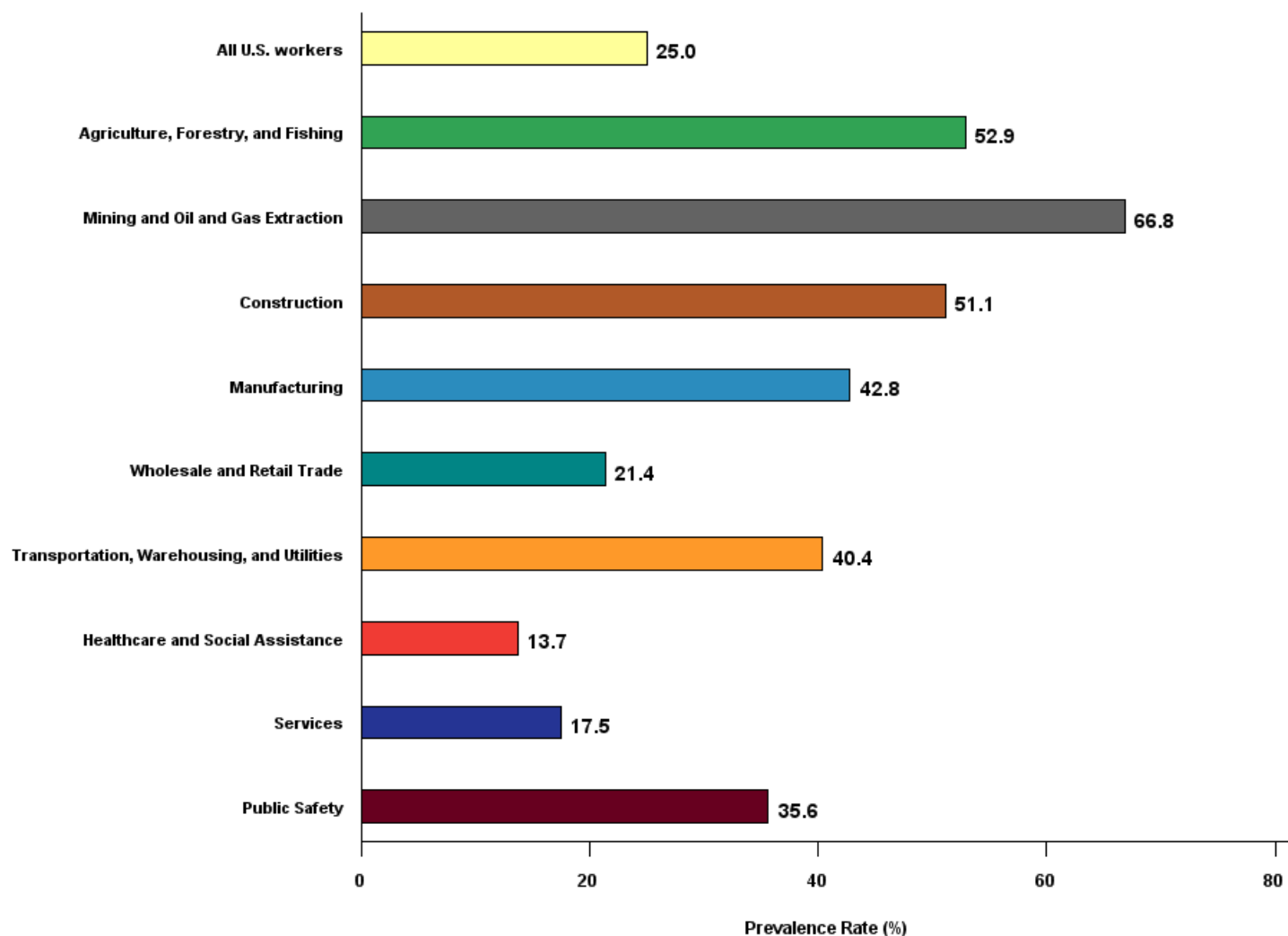
Table 13. Prevalence of outdoor work among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	24.7	0.4	23.8-25.6
Agriculture, Forestry, and Fishing	84.6	2.7	79.3-90.0
Mining and Oil and Gas Extraction	65.4	6.0	53.6-77.2
Construction	72.7	1.7	69.4-76.0
Manufacturing	15.1	1.1	12.9-17.3
Wholesale and Retail Trade	18.2	1.1	16.0-20.3
Transportation, Warehousing, and Utilities	53.4	2.0	49.6-57.3
Healthcare and Social Assistance	11.3	0.8	9.8-12.9
Services	19.1	0.6	18.1-20.2
Public Safety	64.8	3.8	57.2-72.3

Comparison of All NORA Sectors

Figure 14. Prevalence of exposure to vapors, gas, dust, or fumes at work among U.S. adults at their longest held job by NORA sector, 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?*



Comparison of All NORA Sectors

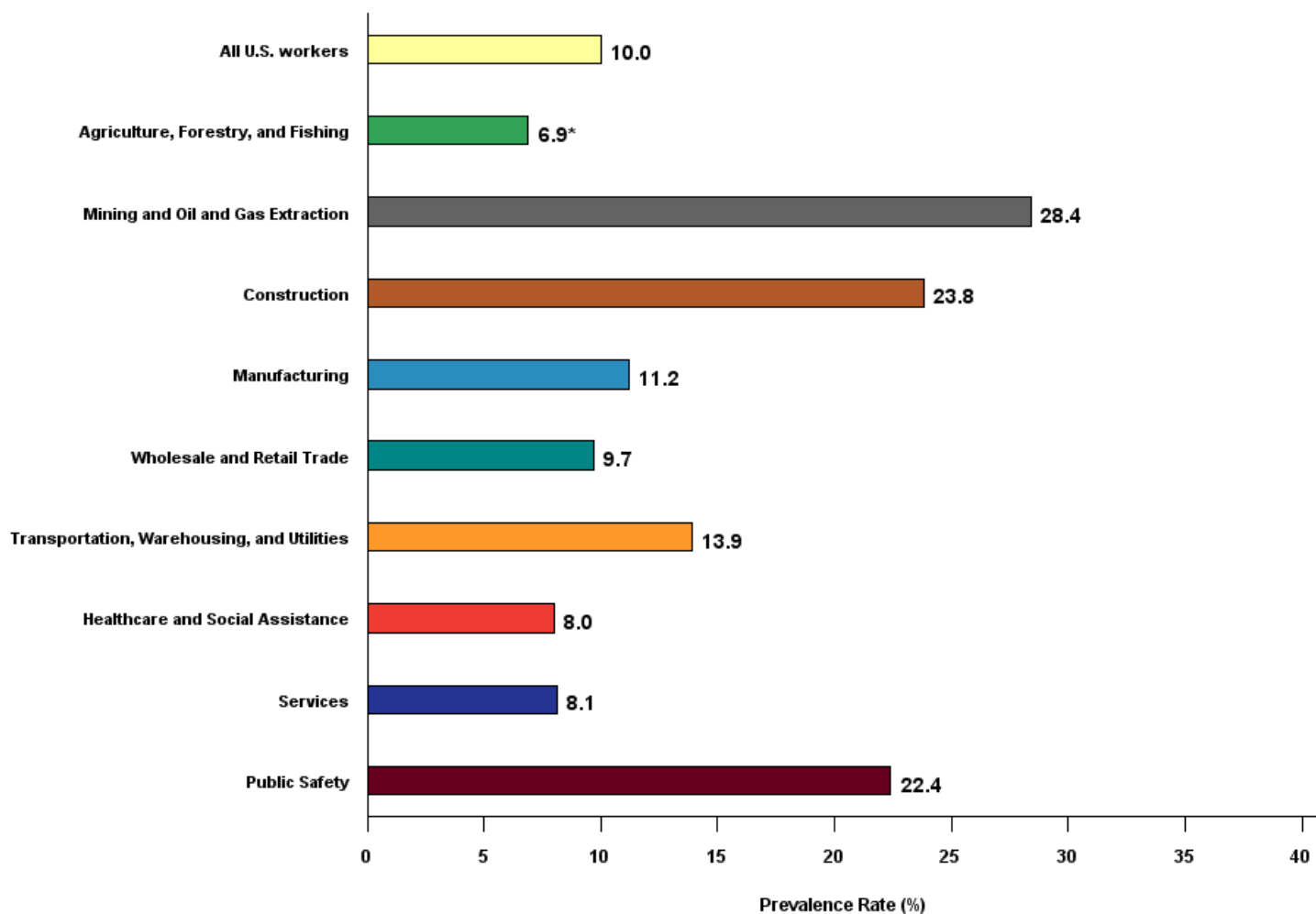
Table 14. Prevalence of exposure to vapors, gas, dust, or fumes at work among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	25	0.4	24.2-25.8
Agriculture, Forestry, and Fishing	52.9	4.3	44.5-61.2
Mining and Oil and Gas Extraction	66.8	4.6	57.8-75.8
Construction	51.1	1.8	47.5-54.6
Manufacturing	42.8	1.4	39.9-45.6
Wholesale and Retail Trade	21.4	1	19.5-23.4
Transportation, Warehousing, and Utilities	40.4	1.9	36.6-44.1
Healthcare and Social Assistance	13.7	0.9	12.0-15.5
Services	17.5	0.5	16.4-18.5
Public Safety	35.6	3.7	28.2-42.9

Comparison of All NORA Sectors

Figure 15a. Prevalence of exposure to secondhand smoke (SHS) at work among non-smoking adults among non-smoking adults who worked in the past 12 months by NORA sector, 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.

Comparison of All NORA Sectors

Table 15a. Prevalence of exposure to secondhand smoke (SHS) at work among non-smoking adults among non-smoking U.S. adults by NORA sector, 2010

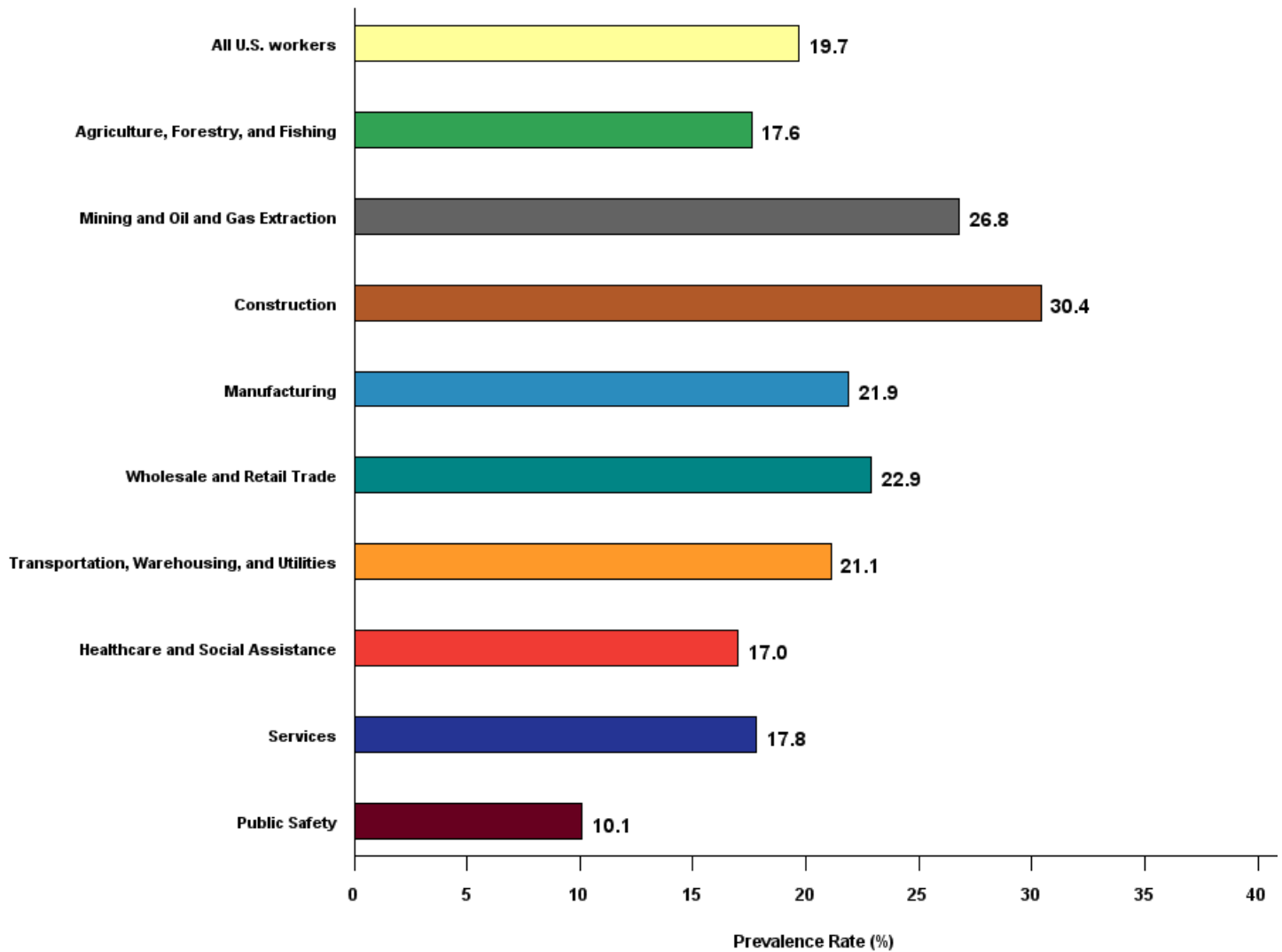
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	10.0	0.3	9.3-10.6
Agriculture, Forestry, and Fishing	6.9*	2.3	2.5-11.4
Mining and Oil and Gas Extraction	28.4	6.2	16.1-40.6
Construction	23.8	1.9	20.2-27.5
Manufacturing	11.2	1.0	9.2-13.3
Wholesale and Retail Trade	9.7	0.9	7.8-11.5
Transportation, Warehousing, and Utilities	13.9	1.6	10.8-17.0
Healthcare and Social Assistance	8.0	0.7	6.7-9.4
Services	8.1	0.4	7.3-8.9
Public Safety	22.4	3.6	15.4-29.4

* 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.

Comparison of All NORA Sectors

**Figure 15b. Prevalence of current smokers
among U.S. adults who worked in the past 12 months by NORA sector, 2010**

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



Comparison of All NORA Sectors

Table 15b. Prevalence of current smokers among U.S. adults who worked in the past 12 months by NORA sector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	19.7	0.4	18.9-20.4
Agriculture, Forestry, and Fishing	17.6	2.6	12.5-22.8
Mining and Oil and Gas Extraction	26.8	5.5	16.1-37.5
Construction	30.4	1.6	27.3-33.6
Manufacturing	21.9	1.1	19.6-24.1
Wholesale and Retail Trade	22.9	1.1	20.8-25.1
Transportation, Warehousing, and Utilities	21.1	1.6	17.9-24.3
Healthcare and Social Assistance	17.0	1.0	15.1-19.0
Services	17.8	0.5	16.9-18.7
Public Safety	10.1	2.6	5.0-15.3