

**Selected Findings for the Healthcare Sector  
By Occupation  
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 Healthcare 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 Healthcare sector consisted of 1,949 persons, representing approximately 16 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 Healthcare sector. All Healthcare workers are compared to all U.S. workers combined, and comparisons are made among Healthcare occupational categories, although small sample sizes within several of the categories limit the reporting of some estimates.

## Index:

- Description of Healthcare sector
  - Table A. U.S. Healthcare sector workers by occupational category, 2010
  
- All industry sectors vs. the Healthcare sector
  - Figure 1. Prevalence of selected health conditions; work organization and psychosocial factors; and physical and chemical exposures among U.S. workers (Healthcare 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 (Healthcare 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 Healthcare occupations, 2010
  - Table 2. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by Healthcare occupations, 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 Healthcare occupations, 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 Healthcare occupations, 2010
  - Figure 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Healthcare occupations, 2010
  - Table 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Healthcare occupations, 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 Healthcare occupations, 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 Healthcare occupations, 2010
  - Figure 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Healthcare occupations, 2010
  - Table 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Healthcare occupations, 2010
  - Figure 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Healthcare occupations, 2010
  - Table 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Healthcare occupations, 2010
  - Figure 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Healthcare occupations, 2010
  - Table 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Healthcare occupations, 2010
  
- Psychosocial exposures
  - Figure 9. Prevalence of job insecurity among working U.S. adults by Healthcare occupations, 2010

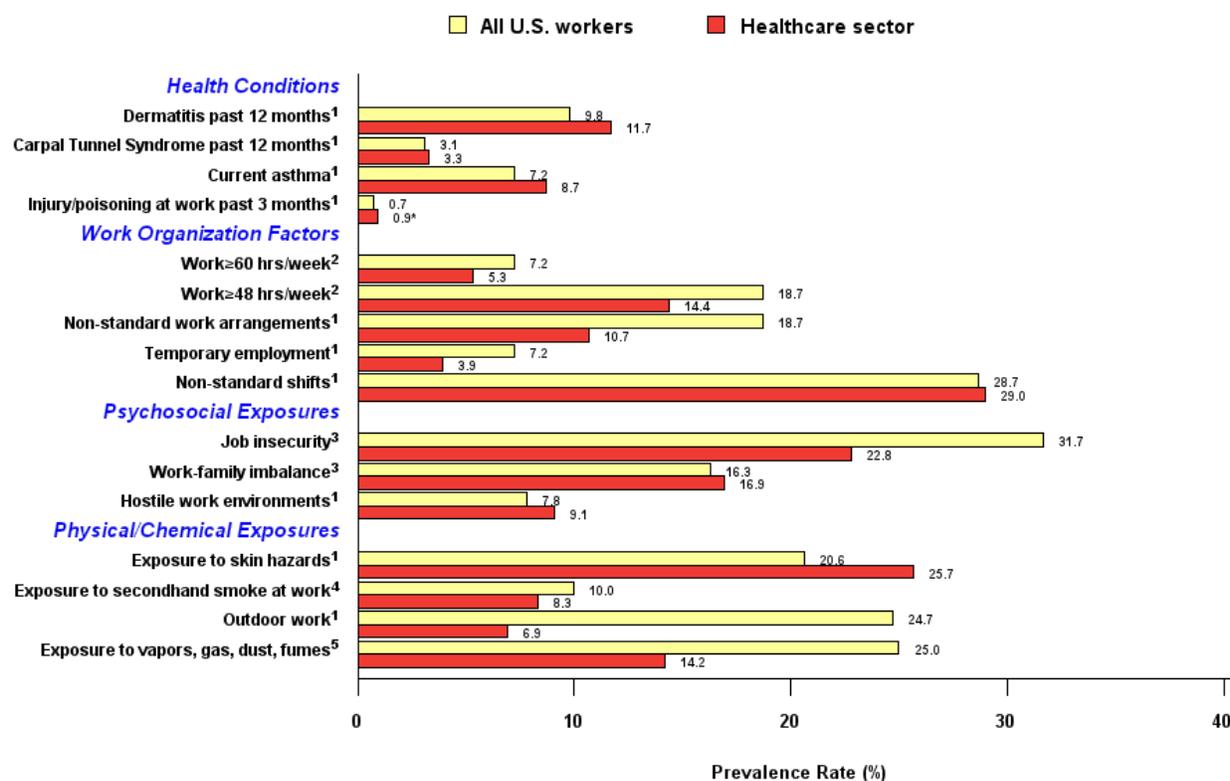
- Table 9. Prevalence of job insecurity among working U.S. adults by Healthcare occupations, 2010
- Figure 10. Prevalence of work-family imbalance among working U.S. adults by Healthcare occupations, 2010
- Table 10. Prevalence of work-family imbalance among working U.S. adults by Healthcare occupations,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

Table A. U.S. Healthcare sector workers by occupational category, 2010

Occupational category	Census 2010 occupation codes	Estimated Population Represented by Sample	% of U.S. Healthcare Workforce
<b>Health diagnosing and treating practitioners (all)</b>	3000-3260	4,290,129	26.5
<b>Dentists</b>	3010	137,105	0.9
<b>Physicians and surgeons</b>	3060	840,821	5.2
<b>Physician assistants</b>	3110	123,754	0.8
<b>Physical therapists</b>	3160	110,886	0.7
<b>Respiratory therapists</b>	3220	102,312	0.6
<b>Registered nurses</b>	3255	2,505,368	15.5
<b>Nurse midwives and nurse practitioners</b>	3257, 3258	69,813	0.4
<b>Health technologists and technicians (all)</b>	3300-3535	1,560,931	9.7
<b>Dental hygienists</b>	3310	134,934	0.8
<b>Diagnostic related technologists and technicians</b>	3320	330,933	2.1
<b>Licensed practical and licensed vocational nurses</b>	3500	522,211	3.2
<b>Healthcare support occupations (all)</b>	3600-3655	3,424,030	21.2
<b>Nursing, psychiatric, and home health aides</b>	3600	2,082,199	12.9
<b>Occupational and physical therapist assistants and aides</b>	3610, 3620	143,733	0.9
<b>Dental assistants</b>	3640	275,406	1.7
<b>Phlebotomists</b>	3649	77,921	0.5
<b>Pharmacists and pharmacy aides</b>	3050, 3647	46,274	0.3
<b>Other occupations within the healthcare sector</b>	All other Census occupation codes	6,857,190	42.4
<b>Total</b>		16,178,554	100

\*Highlighted rows represent subsets of rows above.

**Figure 1. Prevalence of selected health conditions; work organization and psychosocial factors; and physical and chemical exposures among U.S. workers (Healthcare 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.

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

		All U.S. workers			Healthcare sector		
		Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
<b>Health Conditions</b>	<b>Dermatitis in the past 12 months<sup>1</sup></b>	9.8	0.3	9.2-10.3	11.7	1.0	9.8-13.6
	<b>Carpal tunnel syndrome in the past 12 months<sup>1</sup></b>	3.1	0.2	2.8-3.4	3.3	0.5	2.4-4.2
	<b>Current asthma<sup>1</sup></b>	7.2	0.2	6.7-7.6	8.7	0.8	7.2-10.2
	<b>Injury or poisoning at work in the past 12 months<sup>1</sup></b>	2.8	0.4	2.0-3.4	3.6*	1.1	1.2-5.7
<b>Work Organization Factors</b>	<b>Work 60 hours a week or more<sup>2</sup></b>	7.2	0.3	6.7-7.7	5.3	0.7	3.9-6.6
	<b>Work 48 hours a week or more<sup>2</sup></b>	18.7	0.4	18.0-19.5	14.4	1.2	12.1-16.8
	<b>Non-standard work arrangements<sup>1</sup></b>	18.7	0.4	18.0-19.4	10.7	0.8	9.1-12.3
	<b>Temporary employment<sup>1</sup></b>	7.2	0.3	6.7-7.7	3.9	0.5	2.9-5.0
	<b>Non-standard shifts<sup>1</sup></b>	28.7	0.5	27.8-29.7	29.0	1.2	26.6-31.4
<b>Psychosocial Exposures</b>	<b>Job insecurity<sup>3</sup></b>	31.7	0.5	30.8-32.6	22.8	1.2	20.5-25.1
	<b>Work-family imbalance<sup>3</sup></b>	16.3	0.4	15.6-17.1	16.9	1.0	14.9-19.0
	<b>Hostile work environments<sup>1</sup></b>	7.8	0.3	7.3-8.4	9.1	0.8	7.5-10.7
<b>Physical/Chemical Exposures</b>	<b>Exposure to potential skin hazards at work<sup>1</sup></b>	20.6	0.4	19.8-21.3	25.7	1.1	23.5-27.9
	<b>Exposure to secondhand smoke at work<sup>4</sup></b>	10.0	0.3	9.3-10.6	8.3	0.8	6.7-9.8
	<b>Exposure to outdoor work<sup>1</sup></b>	24.7	0.4	23.8-25.6	6.9	0.7	5.5-8.2
	<b>Exposure to vapors, gas, dust, or fumes<sup>5</sup></b>	25.0	0.4	24.2-25.8	14.2	1.0	12.3-16.1

<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.

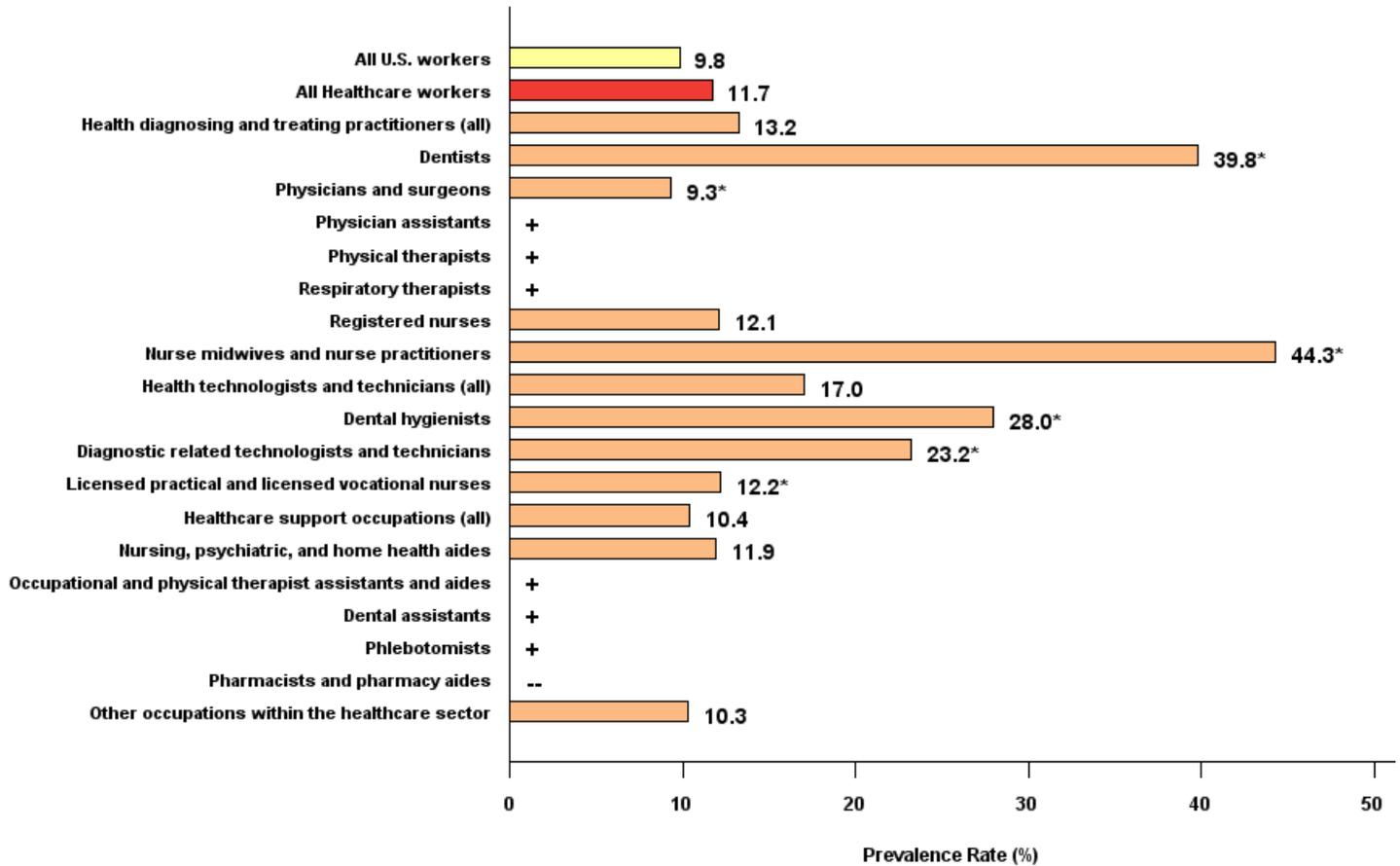
<sup>4</sup> Among non-smoking U.S. adults who have worked in the past 12 months.

<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.

**Figure 2. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by Healthcare occupational category, 2010**

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



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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.

**Table 2. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by Healthcare occupational category, 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 Healthcare workers</b>	11.7	1.0	9.8-13.6
<b>Health diagnosing and treating practitioners (all)</b>	13.2	1.8	9.7-16.7
<b>Dentists</b>	39.8*	14.7	10.9-68.8
<b>Physicians and surgeons</b>	9.3*	3.0	3.4-15.2
<b>Physician assistants</b>	+	+	+
<b>Physical therapists</b>	+	+	+
<b>Respiratory therapists</b>	+	+	+
<b>Registered nurses</b>	12.1	2.2	7.8-16.5
<b>Nurse midwives and nurse practitioners</b>	44.3*	19.3	6.3-82.2
<b>Health technologists and technicians (all)</b>	17.0	3.1	10.9-23.0
<b>Dental hygienists</b>	28.0*	11.6	5.1-50.9
<b>Diagnostic related technologists and technicians</b>	23.2*	7.3	8.9-37.6
<b>Licensed practical and licensed vocational nurses</b>	12.2*	4.9	2.6-21.7
<b>Healthcare support occupations (all)</b>	10.4	2.0	6.5-14.4
<b>Nursing, psychiatric, and home health aides</b>	11.9	2.8	6.5-17.4
<b>Occupational and physical therapist assistants and aides</b>	+	+	+
<b>Dental assistants</b>	+	+	+
<b>Phlebotomists</b>	+	+	+
<b>Pharmacists and pharmacy aides</b>	--	--	--
<b>Other occupations within the healthcare sector</b>	10.3	1.4	7.6-13.0

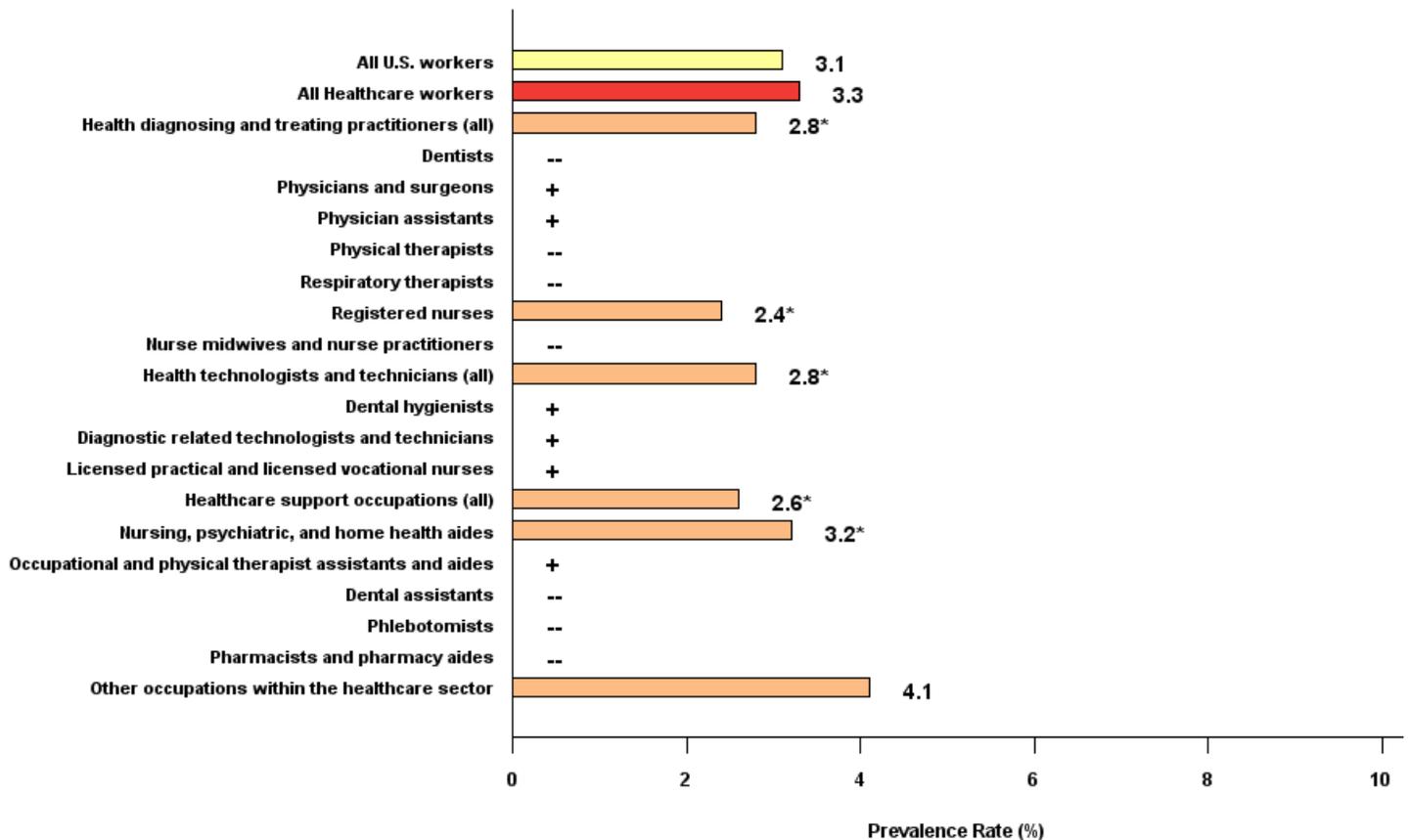
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**Figure 3. Prevalence of carpal tunnel syndrome in the past 12 months among U.S. adults who worked in the past 12 months by Healthcare occupational category, 2010**

*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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+ 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 Healthcare occupational category, 2010**

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	3.1	0.2	2.8-3.4
All Healthcare workers	3.3	0.5	2.4-4.2
Health diagnosing and treating practitioners (all)	2.8*	0.9	1.0-4.7
Dentists	--	--	--
Physicians and surgeons	+	+	+
Physician assistants	+	+	+
Physical therapists	--	--	--
Respiratory therapists	--	--	--
Registered nurses	2.4*	1.1	0.3-4.5
Nurse midwives and nurse practitioners	--	--	--
Health technologists and technicians (all)	2.8*	1.3	0.3-5.3
Dental hygienists	+	+	+
Diagnostic related technologists and technicians	+	+	+
Licensed practical and licensed vocational nurses	+	+	+
Healthcare support occupations (all)	2.6*	0.8	0.9-4.2
Nursing, psychiatric, and home health aides	3.2*	1.2	0.9-5.5
Occupational and physical therapist assistants and aides	+	+	+
Dental assistants	--	--	--
Phlebotomists	--	--	--
Pharmacists and pharmacy aides	--	--	--
Other occupations within the healthcare sector	4.1	0.9	2.4-5.8

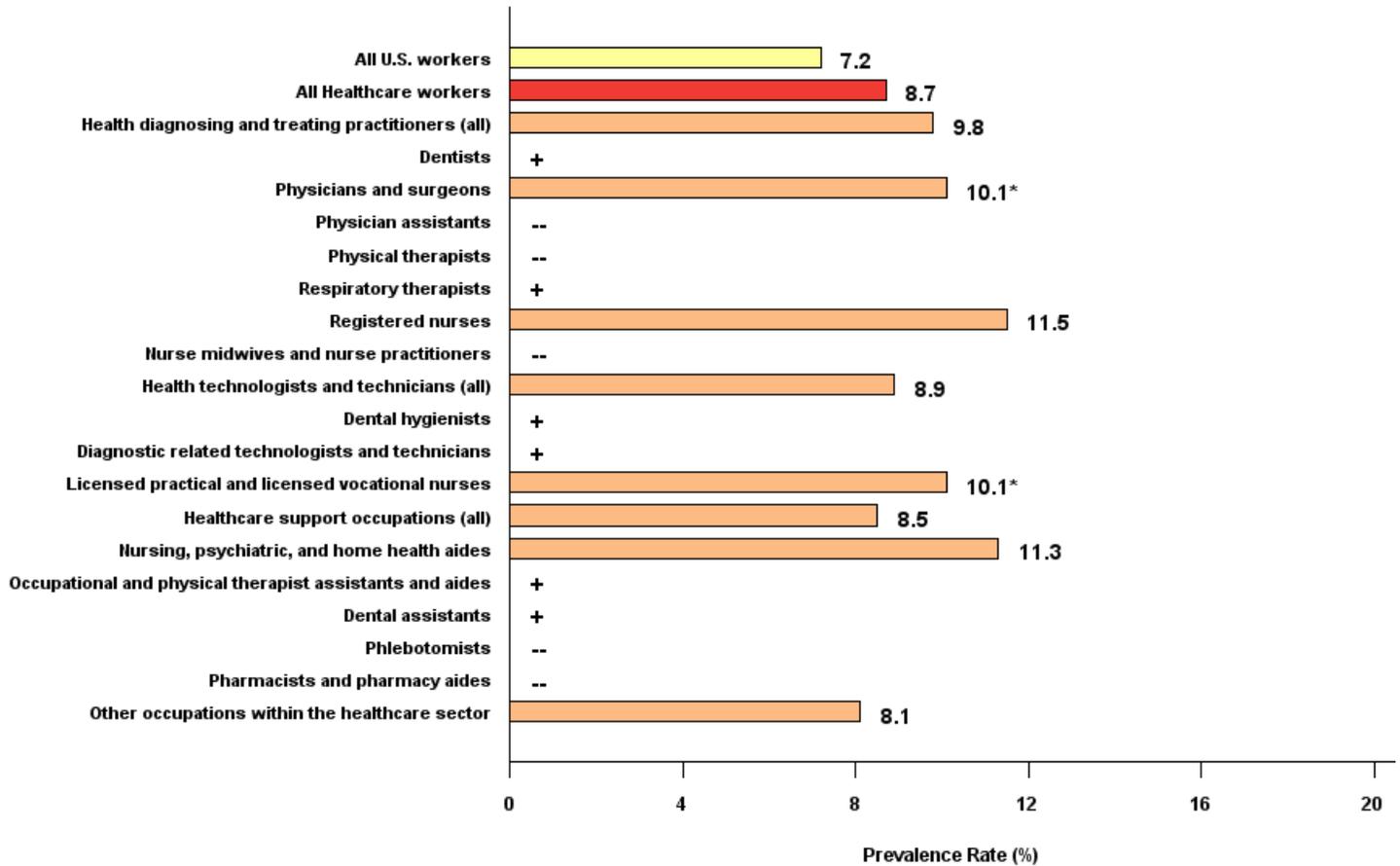
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-- No cases detected, likely due to insufficient sample size.

**Figure 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Healthcare occupational category, 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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-- 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 Healthcare occupational category, 2010**

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	7.2	0.2	6.7-7.6
All Healthcare workers	8.7	0.8	7.2-10.2
Health diagnosing and treating practitioners (all)	9.8	1.6	6.6-12.9
Dentists	+	+	+
Physicians and surgeons	10.1*	3.8	2.7-17.5
Physician assistants	--	--	--
Physical therapists	--	--	--
Respiratory therapists	+	+	+
Registered nurses	11.5	2.3	7.1-16.0
Nurse midwives and nurse practitioners	--	--	--
Health technologists and technicians (all)	8.9	2.4	4.1-13.7
Dental hygienists	+	+	+
Diagnostic related technologists and technicians	+	+	+
Licensed practical and licensed vocational nurses	10.1*	4.6	1.1-19.1
Healthcare support occupations (all)	8.5	1.7	5.2-11.9
Nursing, psychiatric, and home health aides	11.3	2.5	6.5-16.2
Occupational and physical therapist assistants and aides	+	+	+
Dental assistants	+	+	+
Phlebotomists	--	--	--
Pharmacists and pharmacy aides	--	--	--
Other occupations within the healthcare sector	8.1	1.1	5.9-10.2

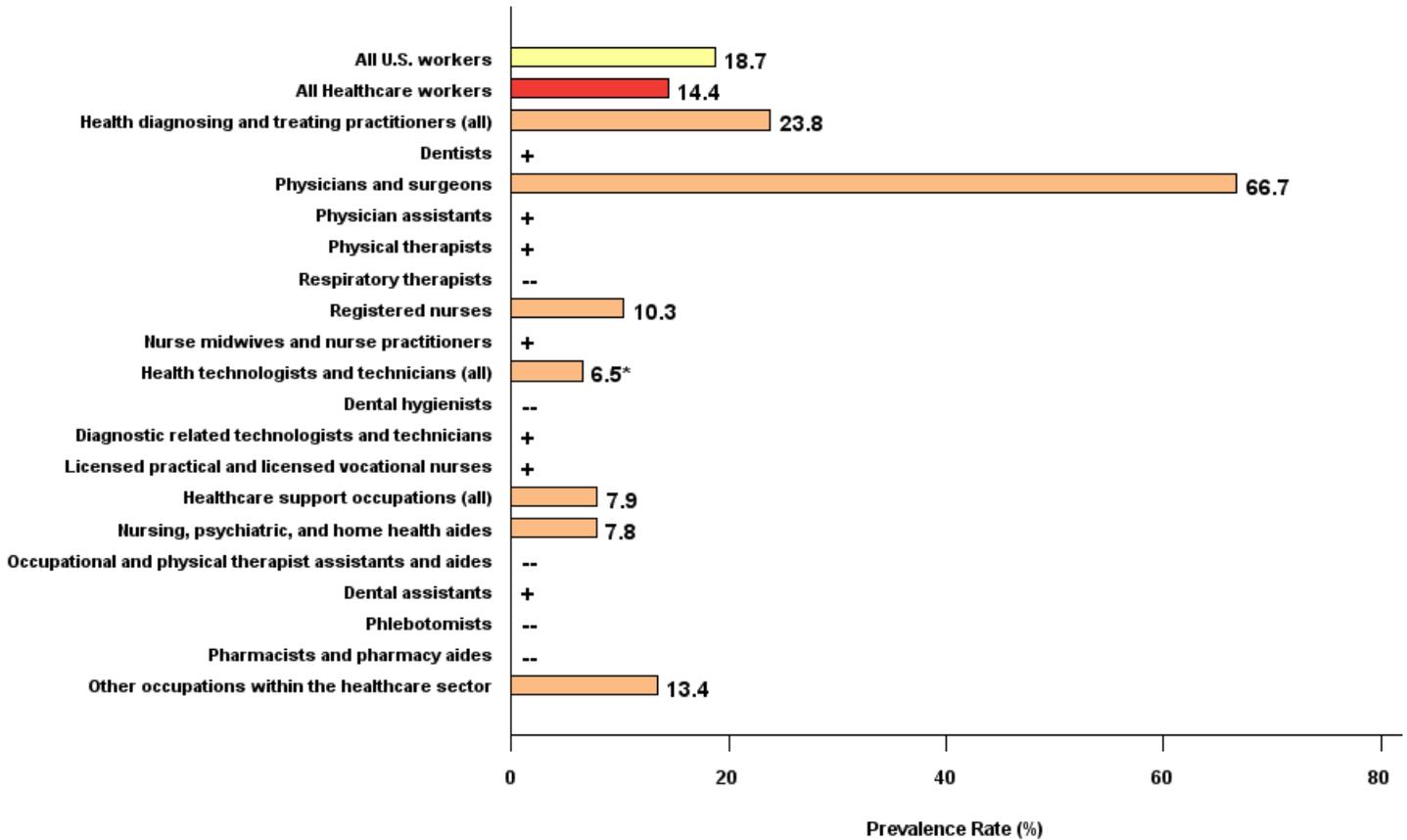
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**Figure 5. Prevalence of working 48 hours a week or more among U.S. adults working one job at the time of interview by Healthcare occupational category, 2010**

*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.)*



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**Table 5. Prevalence of working 48 hours a week or more among U.S. adults working one job at the time of interview by Healthcare occupational category, 2010**

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	18.7	0.4	18.0-19.5
All Healthcare workers	14.4	1.2	12.1-16.8
Health diagnosing and treating practitioners (all)	23.8	2.8	18.3-29.3
Dentists	+	+	+
Physicians and surgeons	66.7	6.2	54.4-78.9
Physician assistants	+	+	+
Physical therapists	+	+	+
Respiratory therapists	--	--	--
Registered nurses	10.3	2.2	6.0-14.5
Nurse midwives and nurse practitioners	+	+	+
Health technologists and technicians (all)	6.5*	2.1	2.3-10.7
Dental hygienists	--	--	--
Diagnostic related technologists and technicians	+	+	+
Licensed practical and licensed vocational nurses	+	+	+
Healthcare support occupations (all)	7.9	1.8	4.4-11.4
Nursing, psychiatric, and home health aides	7.8	2.1	3.8-11.9
Occupational and physical therapist assistants and aides	--	--	--
Dental assistants	+	+	+
Phlebotomists	--	--	--
Pharmacists and pharmacy aides	--	--	--
Other occupations within the healthcare sector	13.4	1.8	9.8-17.0

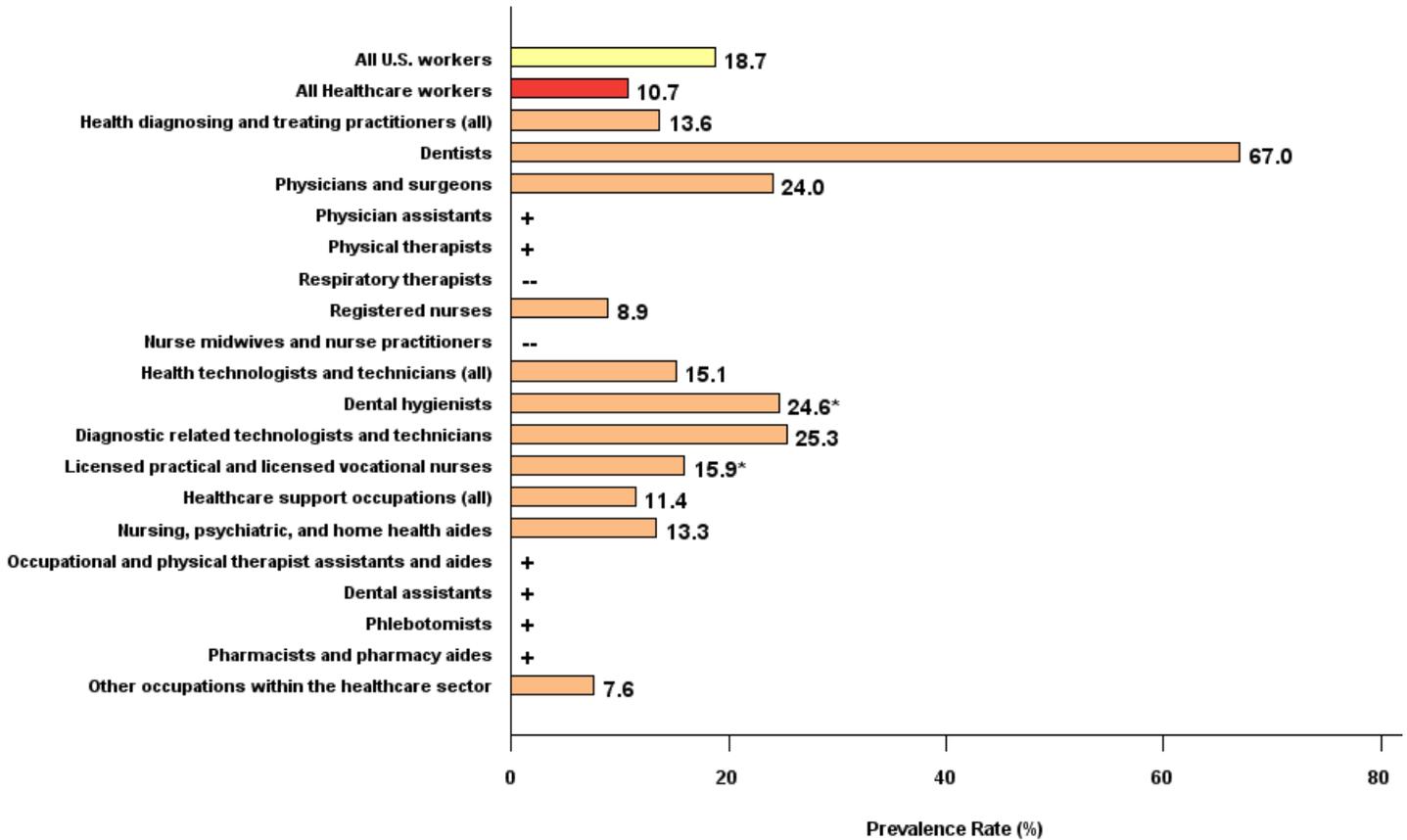
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**Figure 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Healthcare occupational category, 2010**

*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)*



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**Table 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Healthcare occupational category, 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 Healthcare workers</b>	10.7	0.8	9.1-12.3
<b>Health diagnosing and treating practitioners (all)</b>	13.6	1.6	10.5-16.7
<b>Dentists</b>	67.0	13.4	40.7-93.3
<b>Physicians and surgeons</b>	24.0	5.3	13.7-34.4
<b>Physician assistants</b>	+	+	+
<b>Physical therapists</b>	+	+	+
<b>Respiratory therapists</b>	--	--	--
<b>Registered nurses</b>	8.9	2.0	5.0-12.8
<b>Nurse midwives and nurse practitioners</b>	--	--	--
<b>Health technologists and technicians (all)</b>	15.1	3.1	8.9-21.2
<b>Dental hygienists</b>	24.6*	11.4	2.1-47.0
<b>Diagnostic related technologists and technicians</b>	25.3	7.2	11.0-39.5
<b>Licensed practical and licensed vocational nurses</b>	15.9*	5.2	5.7-26.1
<b>Healthcare support occupations (all)</b>	11.4	1.9	7.6-15.2
<b>Nursing, psychiatric, and home health aides</b>	13.3	2.6	8.2-18.3
<b>Occupational and physical therapist assistants and aides</b>	+	+	+
<b>Dental assistants</b>	+	+	+
<b>Phlebotomists</b>	+	+	+
<b>Pharmacists and pharmacy aides</b>	+	+	+
<b>Other occupations within the healthcare sector</b>	7.6	1.1	5.5-9.6

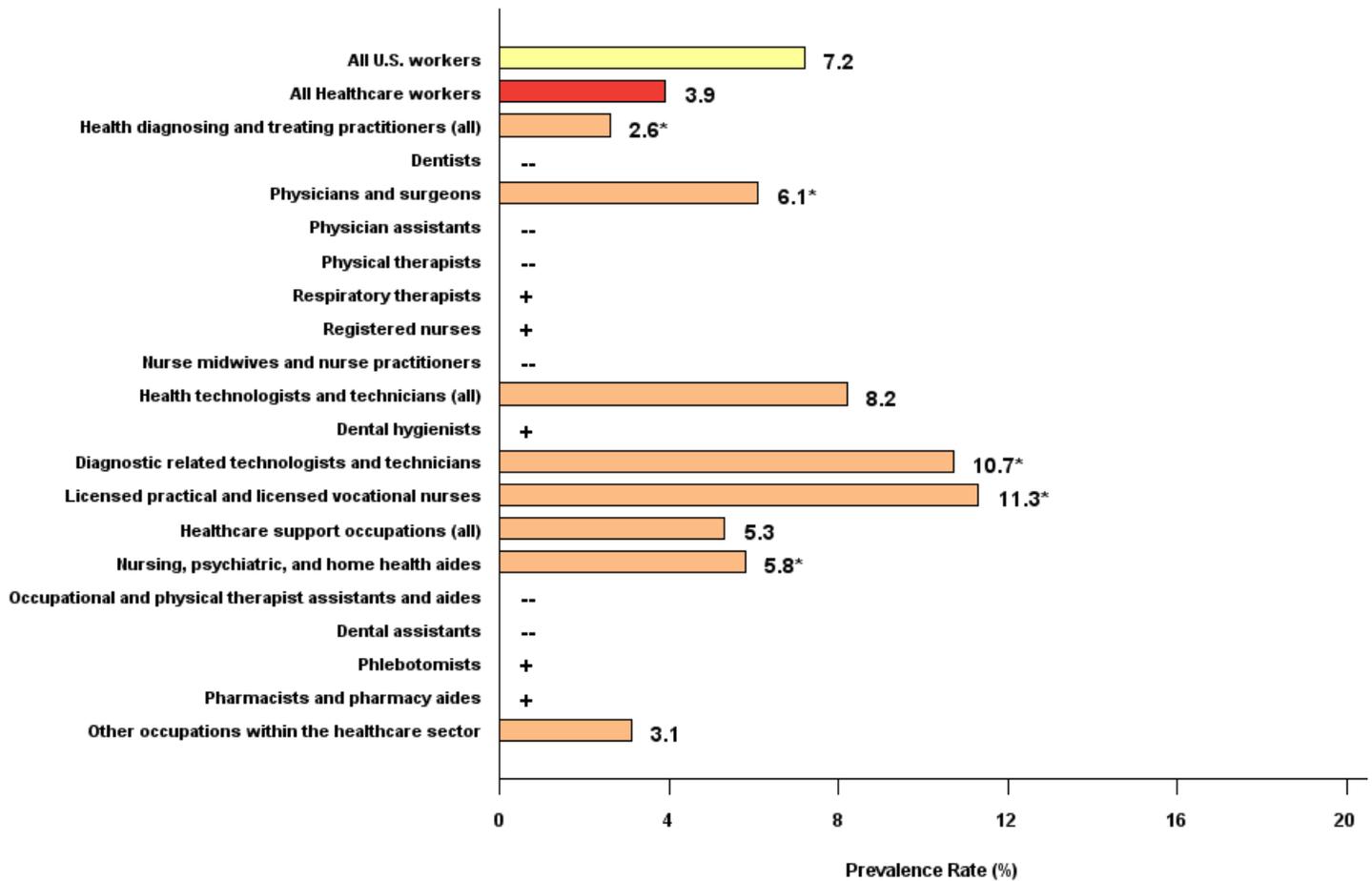
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-- No cases detected, likely due to insufficient sample size.

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

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



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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.

**Table 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Healthcare occupational category, 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 Healthcare workers</b>	3.9	0.5	2.9-5.0
<b>Health diagnosing and treating practitioners (all)</b>	2.6*	0.8	1.0-4.2
<b>Dentists</b>	--	--	--
<b>Physicians and surgeons</b>	6.1*	2.5	1.1-11.1
<b>Physician assistants</b>	--	--	--
<b>Physical therapists</b>	--	--	--
<b>Respiratory therapists</b>	+	+	+
<b>Registered nurses</b>	+	+	+
<b>Nurse midwives and nurse practitioners</b>	--	--	--
<b>Health technologists and technicians (all)</b>	8.2	2.1	4.0-12.3
<b>Dental hygienists</b>	+	+	+
<b>Diagnostic related technologists and technicians</b>	10.7*	4.9	1.1-20.4
<b>Licensed practical and licensed vocational nurses</b>	11.3*	4.7	2.1-20.5
<b>Healthcare support occupations (all)</b>	5.3	1.4	2.4-8.1
<b>Nursing, psychiatric, and home health aides</b>	5.8*	1.8	2.2-9.3
<b>Occupational and physical therapist assistants and aides</b>	--	--	--
<b>Dental assistants</b>	--	--	--
<b>Phlebotomists</b>	+	+	+
<b>Pharmacists and pharmacy aides</b>	+	+	+
<b>Other occupations within the healthcare sector</b>	3.1	0.7	1.6-4.5

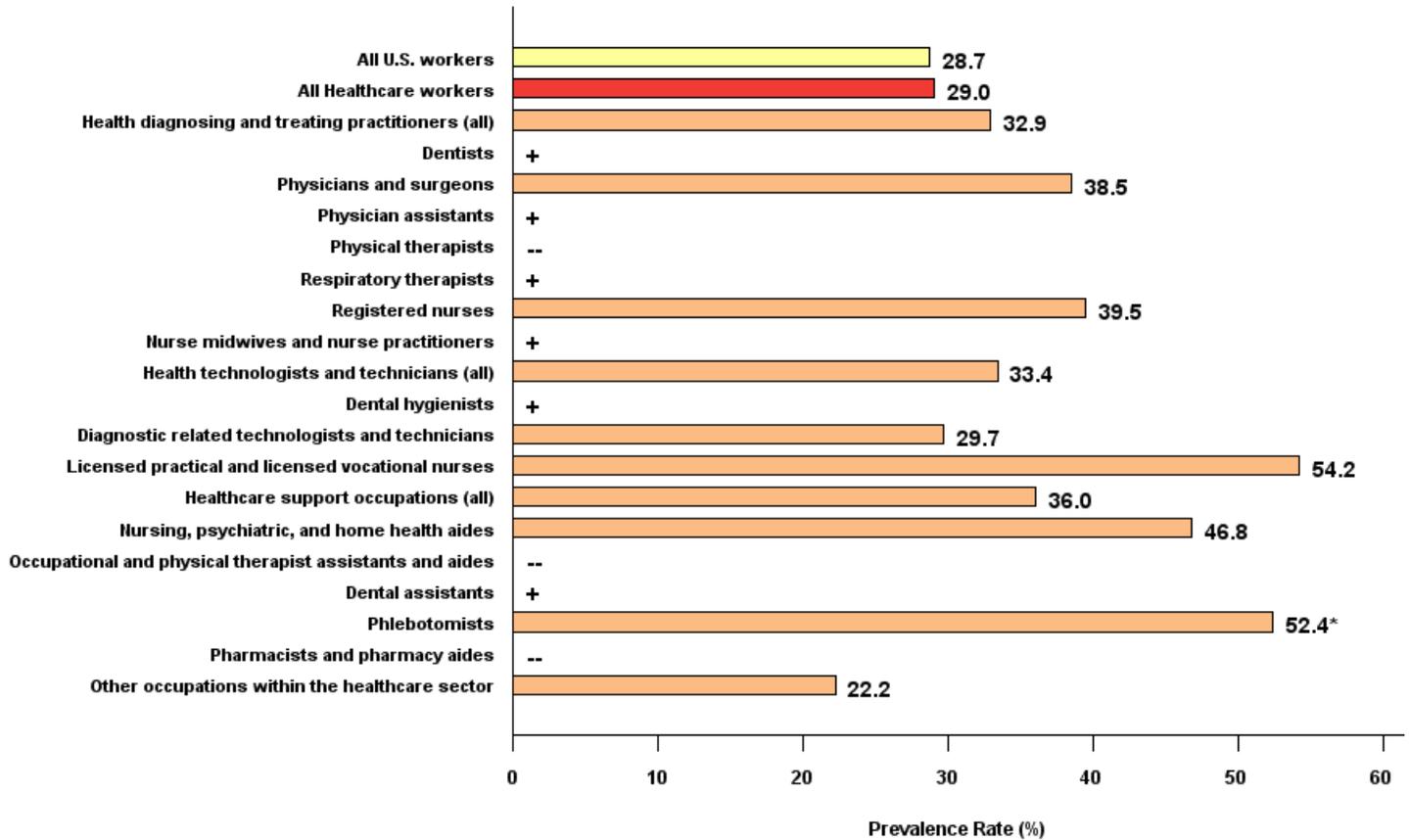
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

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

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

**Figure 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Healthcare occupational category, 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.

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

**Table 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Healthcare occupational category, 2010**

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	28.7	0.5	27.8-29.7
All Healthcare workers	29.0	1.2	26.6-31.4
Health diagnosing and treating practitioners (all)	32.9	2.2	28.7-37.2
Dentists	+	+	+
Physicians and surgeons	38.5	5.9	27.0-50.1
Physician assistants	+	+	+
Physical therapists	--	--	--
Respiratory therapists	+	+	+
Registered nurses	39.5	3.2	33.2-45.9
Nurse midwives and nurse practitioners	+	+	+
Health technologists and technicians (all)	33.4	3.9	25.7-41.1
Dental hygienists	+	+	+
Diagnostic related technologists and technicians	29.7	7.7	14.5-44.8
Licensed practical and licensed vocational nurses	54.2	7.0	40.4-68.1
Healthcare support occupations (all)	36.0	2.9	30.3-41.8
Nursing, psychiatric, and home health aides	46.8	3.4	40.1-53.5
Occupational and physical therapist assistants and aides	--	--	--
Dental assistants	+	+	+
Phlebotomists	52.4*	17.4	18.2-86.5
Pharmacists and pharmacy aides	--	--	--
Other occupations within the healthcare sector	22.2	1.9	18.5-25.8

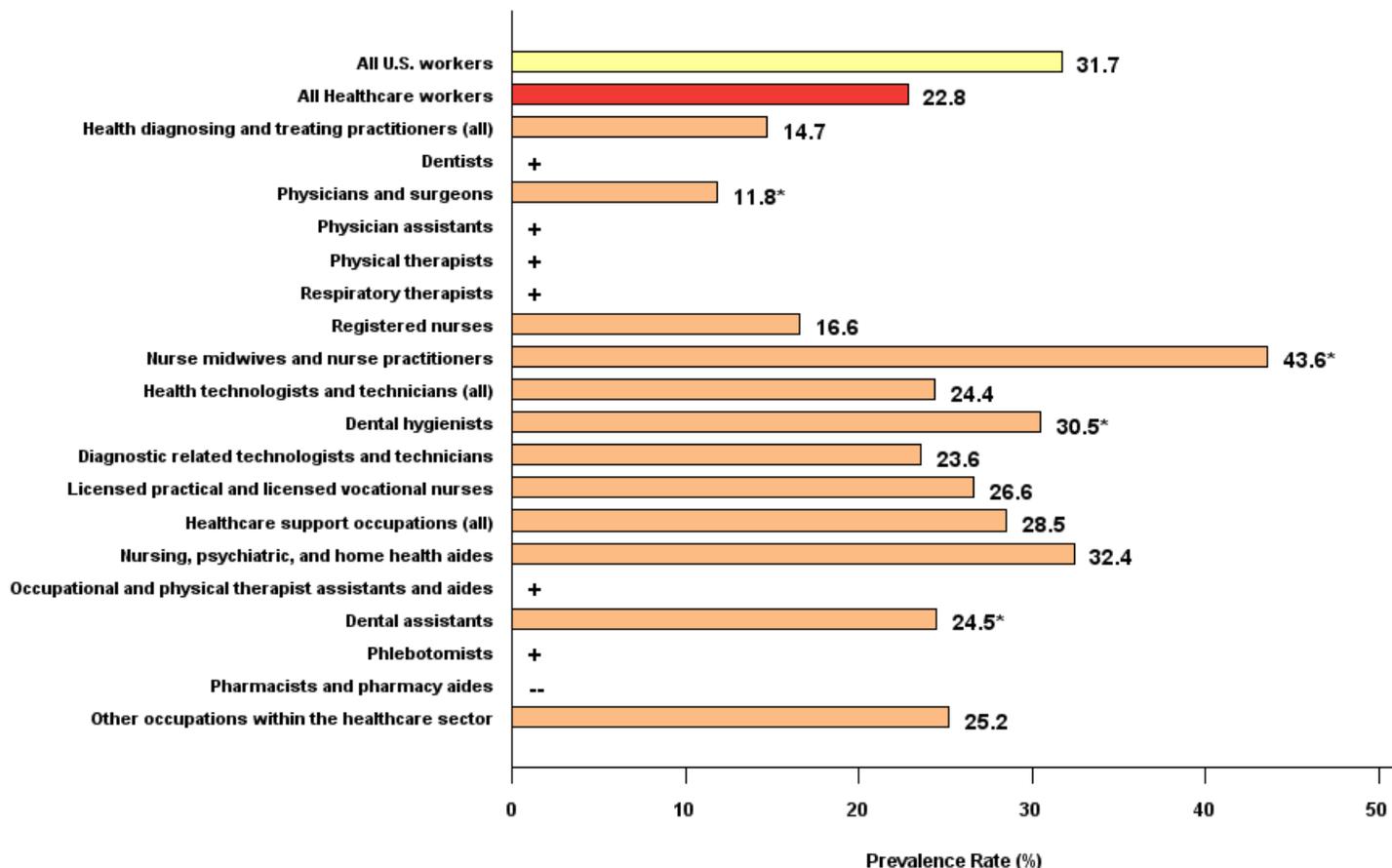
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ 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 9. Prevalence of job insecurity among working U.S. adults by Healthcare occupational category, 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.

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

**Table 9. Prevalence of job insecurity among working U.S. adults by Healthcare occupational category, 2010**

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	31.7	0.5	30.8-32.6
All Healthcare workers	22.8	1.2	20.5-25.1
Health diagnosing and treating practitioners (all)	14.7	1.8	11.2-18.1
Dentists	+	+	+
Physicians and surgeons	11.8*	3.9	4.1-19.4
Physician assistants	+	+	+
Physical therapists	+	+	+
Respiratory therapists	+	+	+
Registered nurses	16.6	2.4	11.9-21.2
Nurse midwives and nurse practitioners	43.6*	21.4	1.6-85.7
Health technologists and technicians (all)	24.4	3.6	17.2-31.5
Dental hygienists	30.5*	14.7	1.7-59.4
Diagnostic related technologists and technicians	23.6	6.8	10.2-37.0
Licensed practical and licensed vocational nurses	26.6	6.5	13.9-39.3
Healthcare support occupations (all)	28.5	2.7	23.1-33.9
Nursing, psychiatric, and home health aides	32.4	3.7	25.2-39.6
Occupational and physical therapist assistants and aides	+	+	+
Dental assistants	24.5*	10.2	4.3-44.7
Phlebotomists	+	+	+
Pharmacists and pharmacy aides	--	--	--
Other occupations within the healthcare sector	25.2	1.9	21.5-28.8

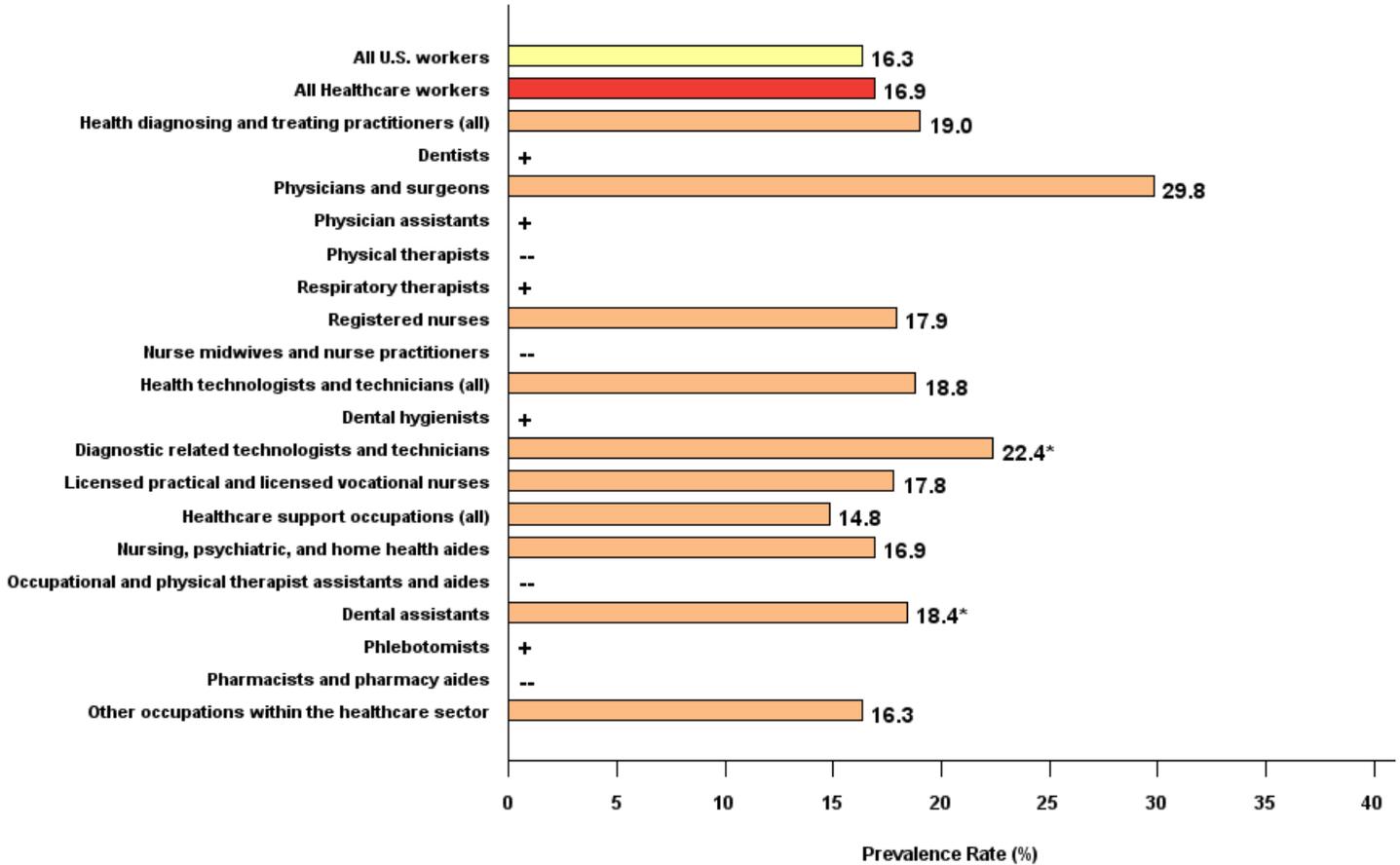
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+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

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

**Figure 10. Prevalence of work-family imbalance among working U.S. adults by Healthcare occupational category, 2010**

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



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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.

**Table 10. Prevalence of work-family imbalance among working U.S. adults by Healthcare occupational category, 2010**

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	16.3	0.4	15.6-17.1
All Healthcare workers	16.9	1.0	14.9-19.0
Health diagnosing and treating practitioners (all)	19.0	1.9	15.3-22.8
Dentists	+	+	+
Physicians and surgeons	29.8	5.3	19.5-40.2
Physician assistants	+	+	+
Physical therapists	--	--	--
Respiratory therapists	+	+	+
Registered nurses	17.9	2.7	12.7-23.2
Nurse midwives and nurse practitioners	--	--	--
Health technologists and technicians (all)	18.8	3.0	12.9-24.7
Dental hygienists	+	+	+
Diagnostic related technologists and technicians	22.4*	7.0	8.7-36.2
Licensed practical and licensed vocational nurses	17.8	5.3	7.3-28.4
Healthcare support occupations (all)	14.8	2.3	10.3-19.3
Nursing, psychiatric, and home health aides	16.9	3.2	10.6-23.3
Occupational and physical therapist assistants and aides	--	--	--
Dental assistants	18.4*	7.9	2.9-34.0
Phlebotomists	+	+	+
Pharmacists and pharmacy aides	--	--	--
Other occupations within the healthcare sector	16.3	1.7	12.9-19.7

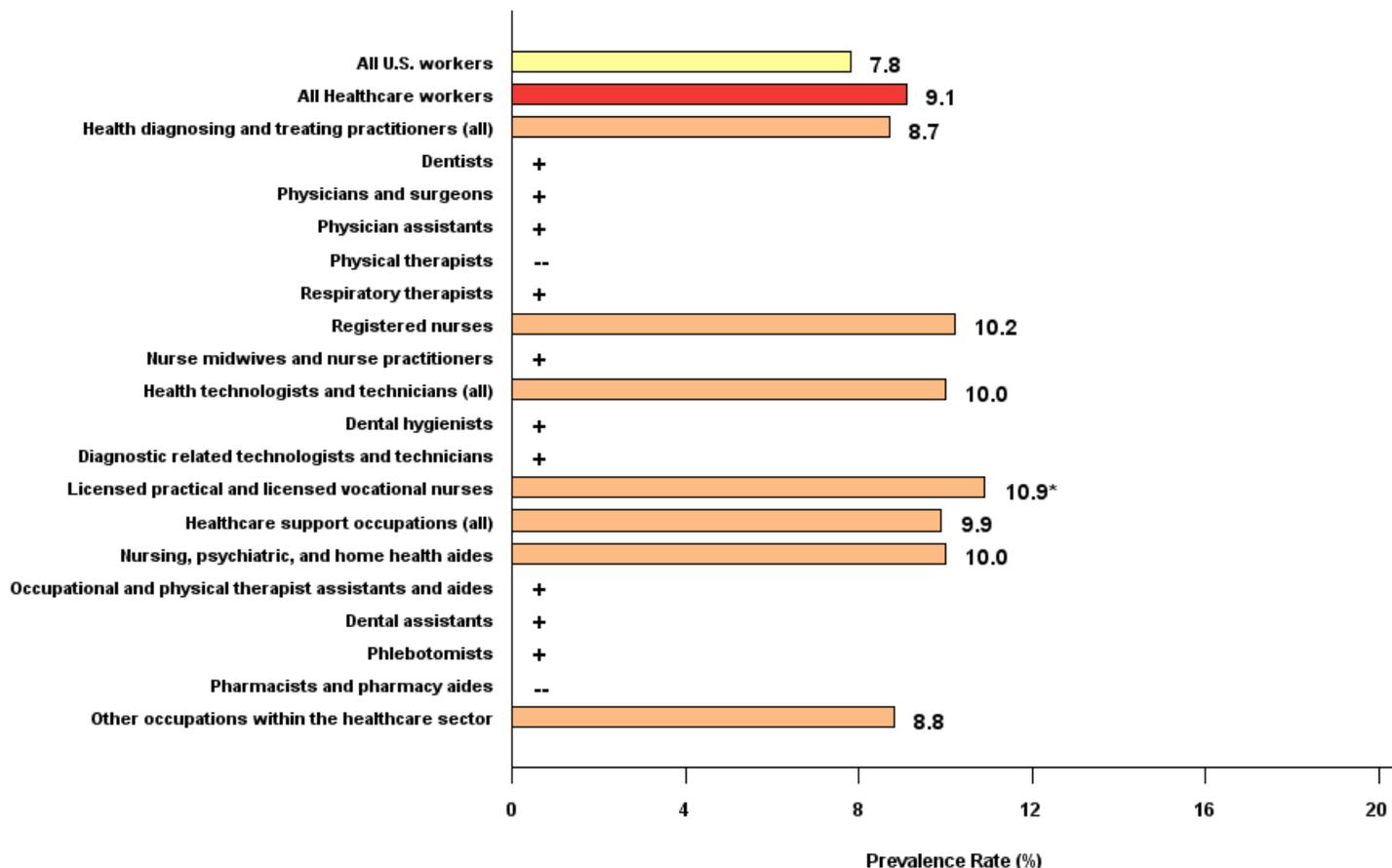
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-- No cases detected, likely due to insufficient sample size.

**Figure 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Healthcare occupational category, 2010**

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



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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.

**Table 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Healthcare occupational category, 2010**

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	7.8	0.3	7.3-8.4
All Healthcare workers	9.1	0.8	7.5-10.7
Health diagnosing and treating practitioners (all)	8.7	1.5	5.7-11.8
Dentists	+	+	+
Physicians and surgeons	+	+	+
Physician assistants	+	+	+
Physical therapists	--	--	--
Respiratory therapists	+	+	+
Registered nurses	10.2	2.3	5.7-14.7
Nurse midwives and nurse practitioners	+	+	+
Health technologists and technicians (all)	10.0	2.4	5.2-14.7
Dental hygienists	+	+	+
Diagnostic related technologists and technicians	+	+	+
Licensed practical and licensed vocational nurses	10.9*	4.2	2.6-19.1
Healthcare support occupations (all)	9.9	1.9	6.2-13.6
Nursing, psychiatric, and home health aides	10.0	2.3	5.4-14.6
Occupational and physical therapist assistants and aides	+	+	+
Dental assistants	+	+	+
Phlebotomists	+	+	+
Pharmacists and pharmacy aides	--	--	--
Other occupations within the healthcare sector	8.8	1.2	6.4-11.2

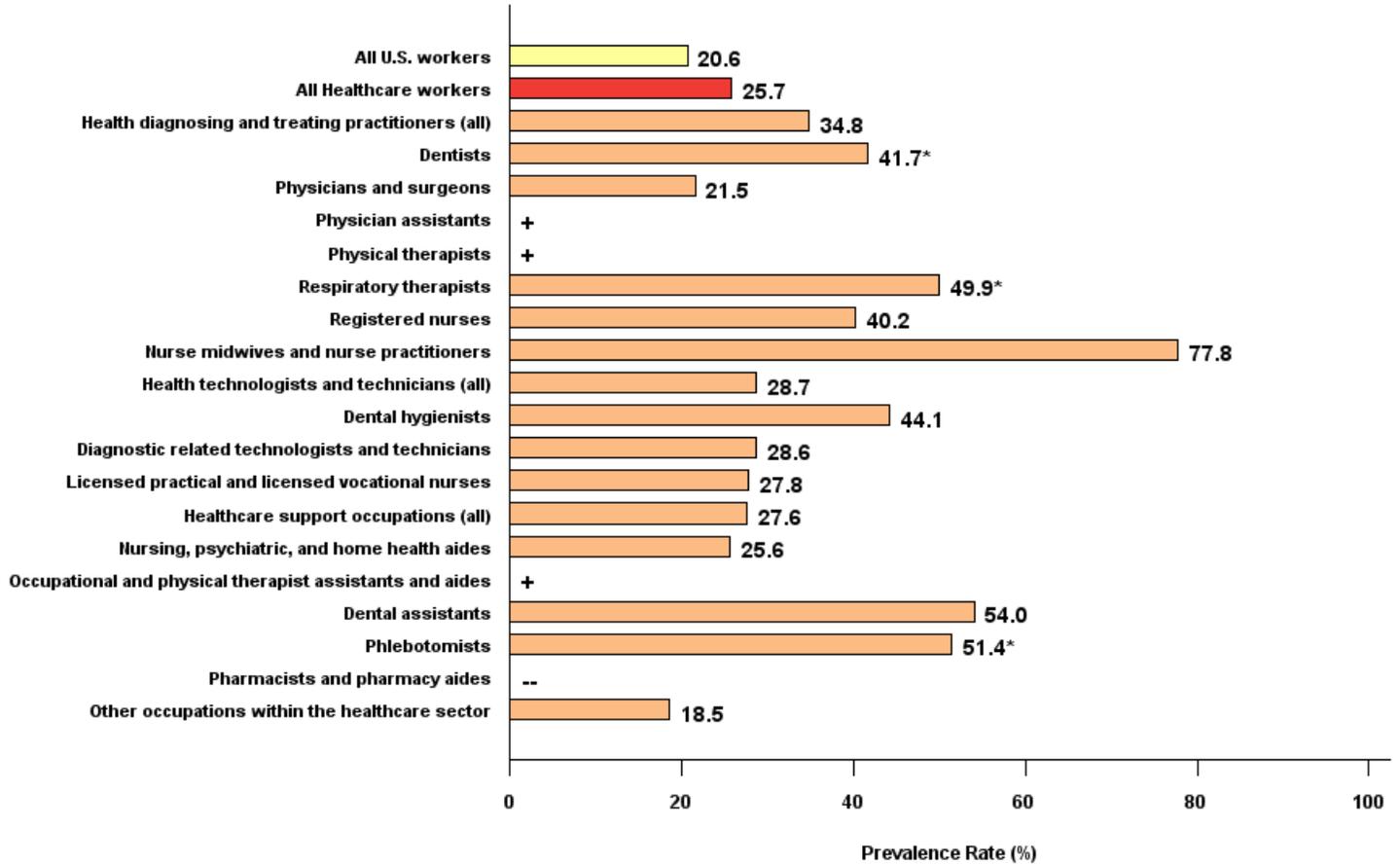
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+ Estimates with a relative standard error >50% are not shown as they do not meet NCHS reliability/precision standards.

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

**Figure 12. Prevalence of exposure to potential skin hazards at work among U.S. adults who worked in the past 12 months by Healthcare occupational category, 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.

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

**Table 12. Prevalence of exposure to potential skin hazards at work among U.S. adults who worked in the past 12 months by Healthcare occupational category, 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 Healthcare workers</b>	25.7	1.1	23.5-27.9
<b>Health diagnosing and treating practitioners (all)</b>	34.8	2.5	29.9-39.7
<b>Dentists</b>	41.7*	14.5	13.2-70.2
<b>Physicians and surgeons</b>	21.5	4.8	12.0-31.0
<b>Physician assistants</b>	+	+	+
<b>Physical therapists</b>	+	+	+
<b>Respiratory therapists</b>	49.9*	16.4	17.5-82.2
<b>Registered nurses</b>	40.2	3.4	33.6-46.8
<b>Nurse midwives and nurse practitioners</b>	77.8	14.5	49.3-106.4
<b>Health technologists and technicians (all)</b>	28.7	3.1	22.6-34.8
<b>Dental hygienists</b>	44.1	12.2	20.2-68.1
<b>Diagnostic related technologists and technicians</b>	28.6	7.5	13.7-43.4
<b>Licensed practical and licensed vocational nurses</b>	27.8	6.3	15.4-40.2
<b>Healthcare support occupations (all)</b>	27.6	2.8	22.2-33.0
<b>Nursing, psychiatric, and home health aides</b>	25.6	3.2	19.3-32.0
<b>Occupational and physical therapist assistants and aides</b>	+	+	+
<b>Dental assistants</b>	54.0	10.2	33.9-74.1
<b>Phlebotomists</b>	51.4*	17.5	17.0-85.7
<b>Pharmacists and pharmacy aides</b>	--	--	--
<b>Other occupations within the healthcare sector</b>	18.5	1.6	15.3-21.7

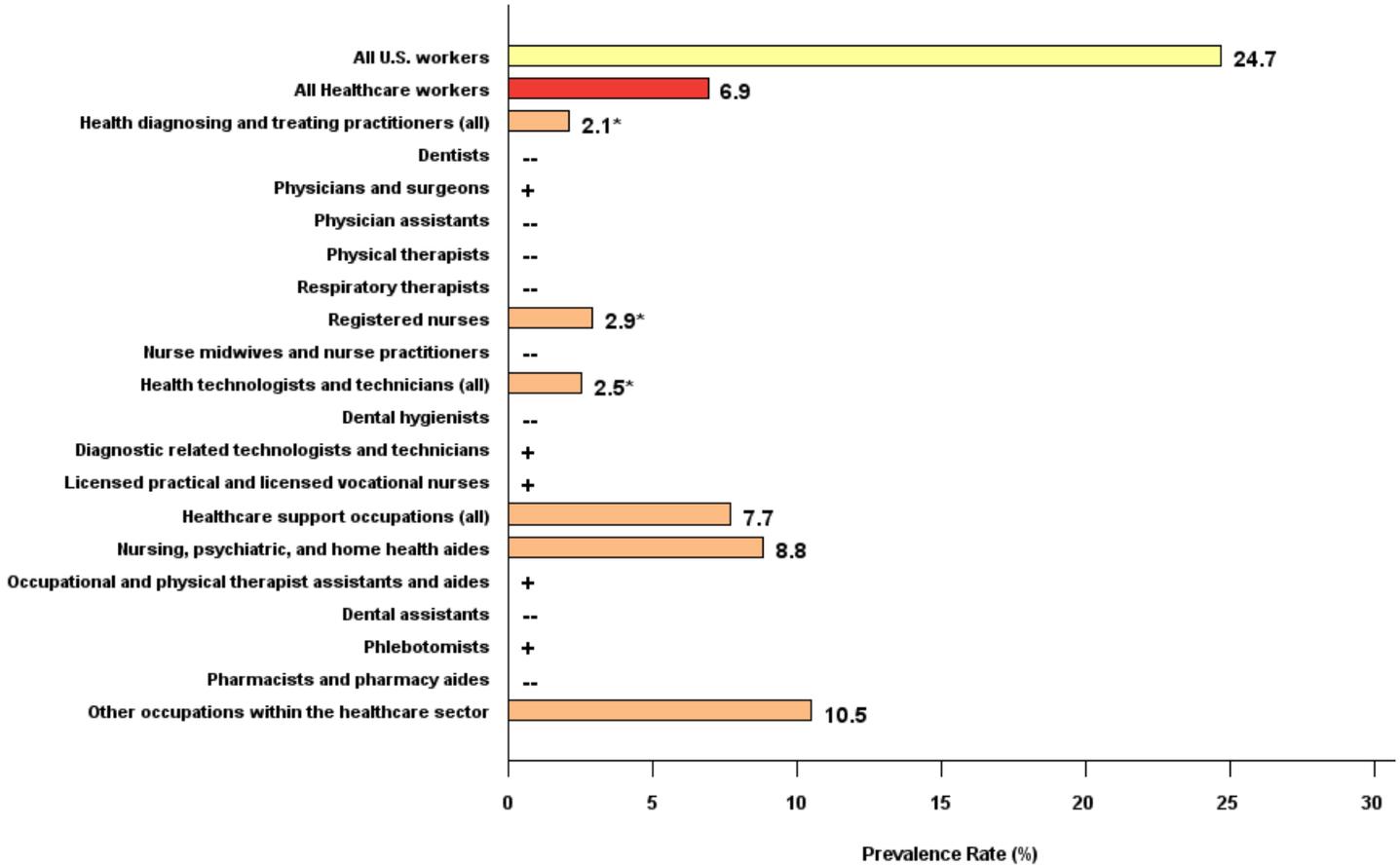
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-- No cases detected, likely due to insufficient sample size.

**Figure 13. Prevalence of exposure to outdoor work among U.S. adults who worked in the past 12 months by Healthcare occupational category, 2010**

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



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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.

**Table 13. Prevalence of exposure to outdoor work among U.S. adults who worked in the past 12 months by Healthcare occupational category, 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 Healthcare workers</b>	6.9	0.7	5.5-8.2
<b>Health diagnosing and treating practitioners (all)</b>	2.1*	0.7	0.8-3.4
<b>Dentists</b>	--	--	--
<b>Physicians and surgeons</b>	+	+	+
<b>Physician assistants</b>	--	--	--
<b>Physical therapists</b>	--	--	--
<b>Respiratory therapists</b>	--	--	--
<b>Registered nurses</b>	2.9*	1.0	0.9-4.9
<b>Nurse midwives and nurse practitioners</b>	--	--	--
<b>Health technologists and technicians (all)</b>	2.5*	1.2	0.1-4.9
<b>Dental hygienists</b>	--	--	--
<b>Diagnostic related technologists and technicians</b>	+	+	+
<b>Licensed practical and licensed vocational nurses</b>	+	+	+
<b>Healthcare support occupations (all)</b>	7.7	1.7	4.4-11.0
<b>Nursing, psychiatric, and home health aides</b>	8.8	2.2	4.5-13.1
<b>Occupational and physical therapist assistants and aides</b>	+	+	+
<b>Dental assistants</b>	--	--	--
<b>Phlebotomists</b>	+	+	+
<b>Pharmacists and pharmacy aides</b>	--	--	--
<b>Other occupations within the healthcare sector</b>	10.5	1.3	8.0-13.0

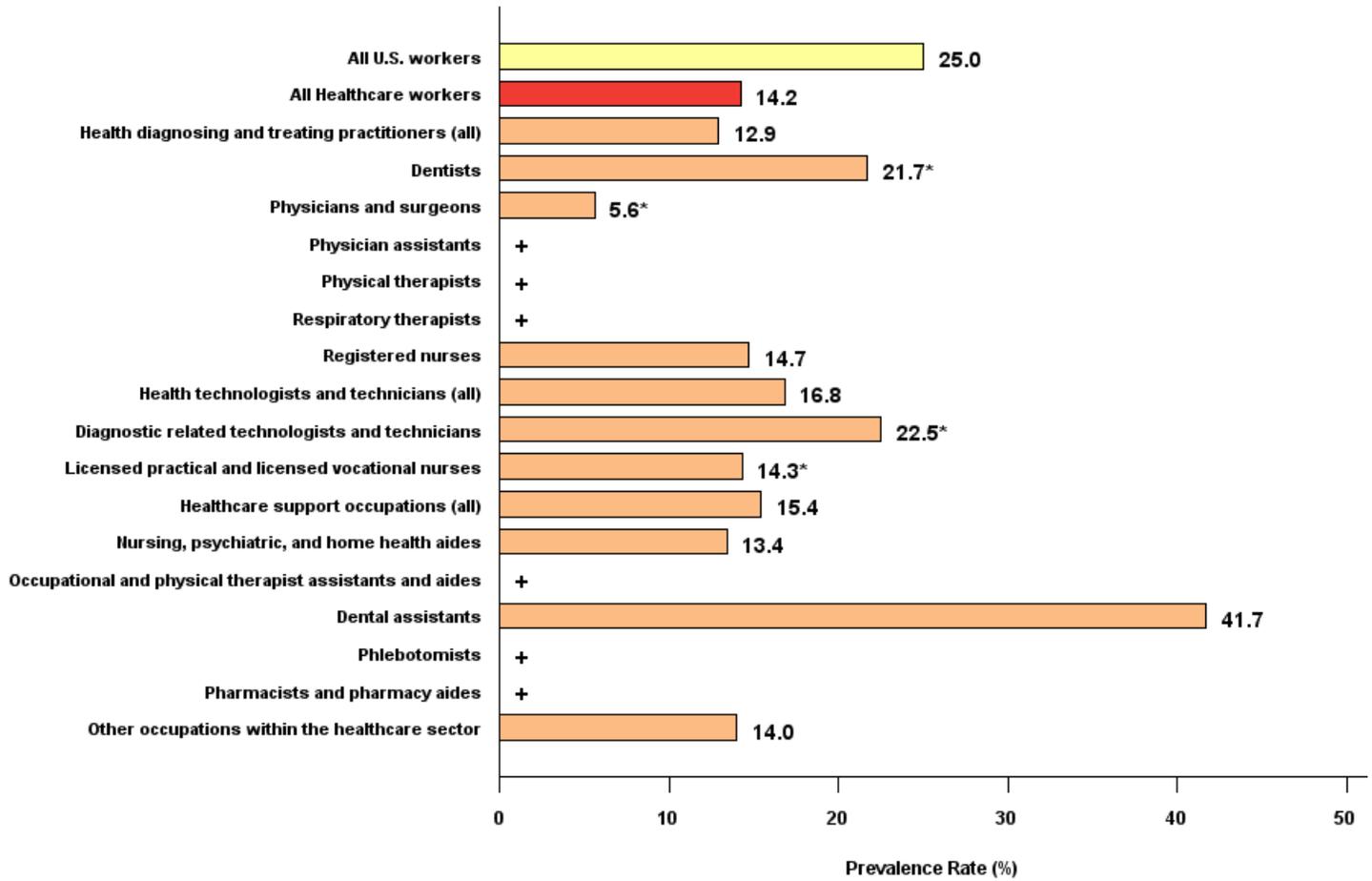
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

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

**Figure 14. Prevalence of exposure to vapors, gas, dust, or fumes among U.S. adults who worked in the past 12 months by Healthcare occupational category, 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?*



\* 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 14. Prevalence of exposure to vapors, gas, dust, or fumes among U.S. adults who worked in the past 12 months by Healthcare occupational category, 2010**

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	25.0	0.4	24.2-25.8
All Healthcare workers	14.2	1.0	12.3-16.1
Health diagnosing and treating practitioners (all)	12.9	1.8	9.3-16.5
Dentists	21.7*	10.5	1.1-42.3
Physicians and surgeons	5.6*	2.2	1.2-10.0
Physician assistants	+	+	+
Physical therapists	+	+	+
Respiratory therapists	+	+	+
Registered nurses	14.7	2.4	10.1-19.4
Health technologists and technicians (all)	16.8	3.2	10.6-23.0
Diagnostic related technologists and technicians	22.5*	7.6	7.6-37.4
Licensed practical and licensed vocational nurses	14.3*	4.5	5.5-23.2
Healthcare support occupations (all)	15.4	2.2	11.1-19.7
Nursing, psychiatric, and home health aides	13.4	2.6	8.3-18.4
Occupational and physical therapist assistants and aides	+	+	+
Dental assistants	41.7	9.6	22.8-60.6
Phlebotomists	+	+	+
Pharmacists and pharmacy aides	+	+	+
Other occupations within the healthcare sector	14.0	1.5	11.0-17.1

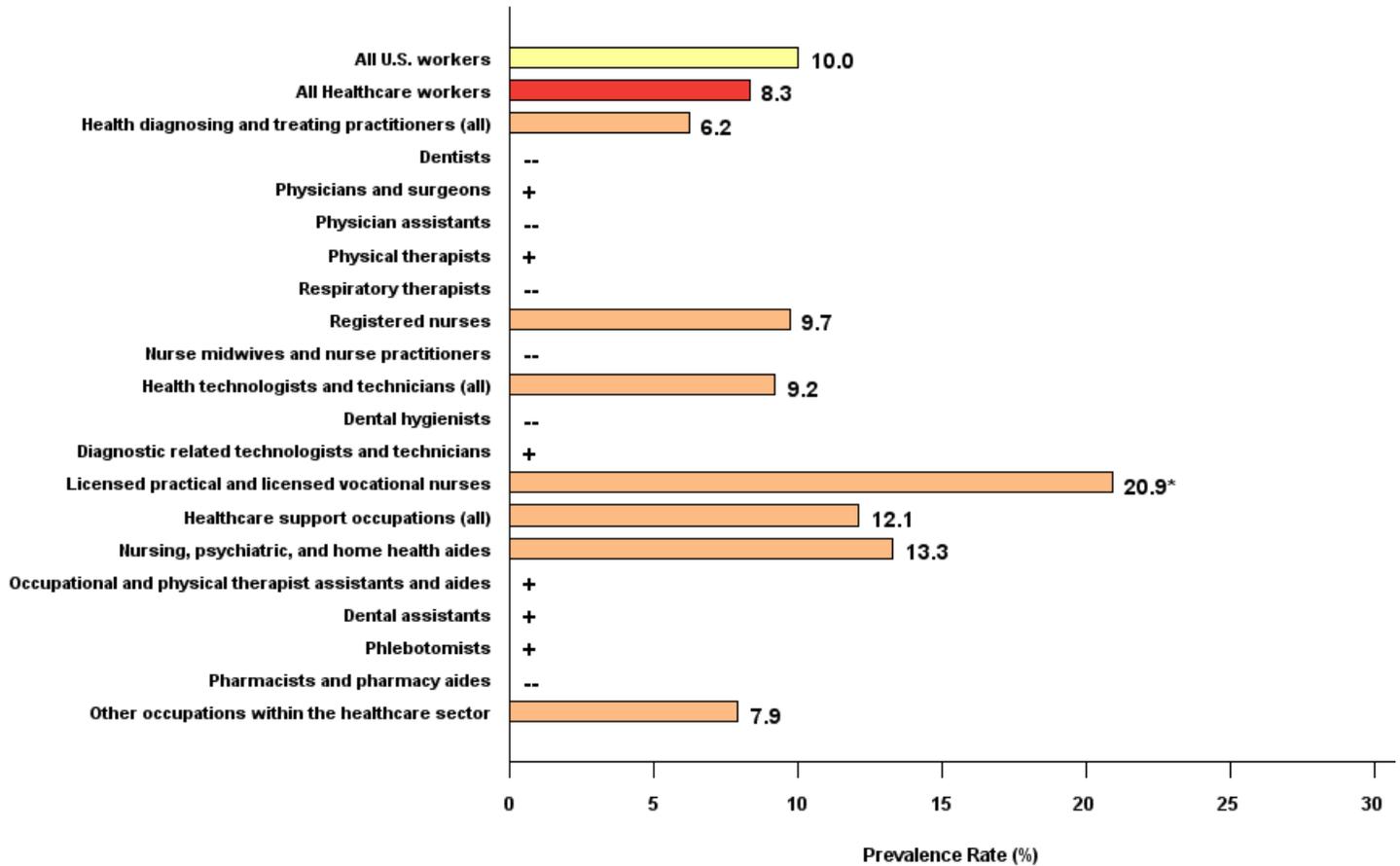
Note: Values for Nurse midwives and nurse practitioners and Dental hygienists have been suppressed due to low numbers of workers employed in these occupations in their longest-held jobs.

\* 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 15a. Prevalence of exposure to secondhand smoke at work among non-smoking U.S. adults by Healthcare occupational category, 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 Healthcare occupational category, 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 Healthcare workers</b>	8.3	0.8	6.7-9.8
<b>Health diagnosing and treating practitioners (all)</b>	6.2	1.3	3.7-8.7
<b>Dentists</b>	--	--	--
<b>Physicians and surgeons</b>	+	+	+
<b>Physician assistants</b>	--	--	--
<b>Physical therapists</b>	+	+	+
<b>Respiratory therapists</b>	--	--	--
<b>Registered nurses</b>	9.7	2.1	5.6-13.8
<b>Nurse midwives and nurse practitioners</b>	--	--	--
<b>Health technologists and technicians (all)</b>	9.2	2.5	4.2-14.2
<b>Dental hygienists</b>	--	--	--
<b>Diagnostic related technologists and technicians</b>	+	+	+
<b>Licensed practical and licensed vocational nurses</b>	20.9*	6.4	8.3-33.4
<b>Healthcare support occupations (all)</b>	12.1	2.3	7.6-16.6
<b>Nursing, psychiatric, and home health aides</b>	13.3	2.6	8.2-18.5
<b>Occupational and physical therapist assistants and aides</b>	+	+	+
<b>Dental assistants</b>	+	+	+
<b>Phlebotomists</b>	+	+	+
<b>Pharmacists and pharmacy aides</b>	--	--	--
<b>Other occupations within the healthcare sector</b>	7.9	1.2	5.7-10.2

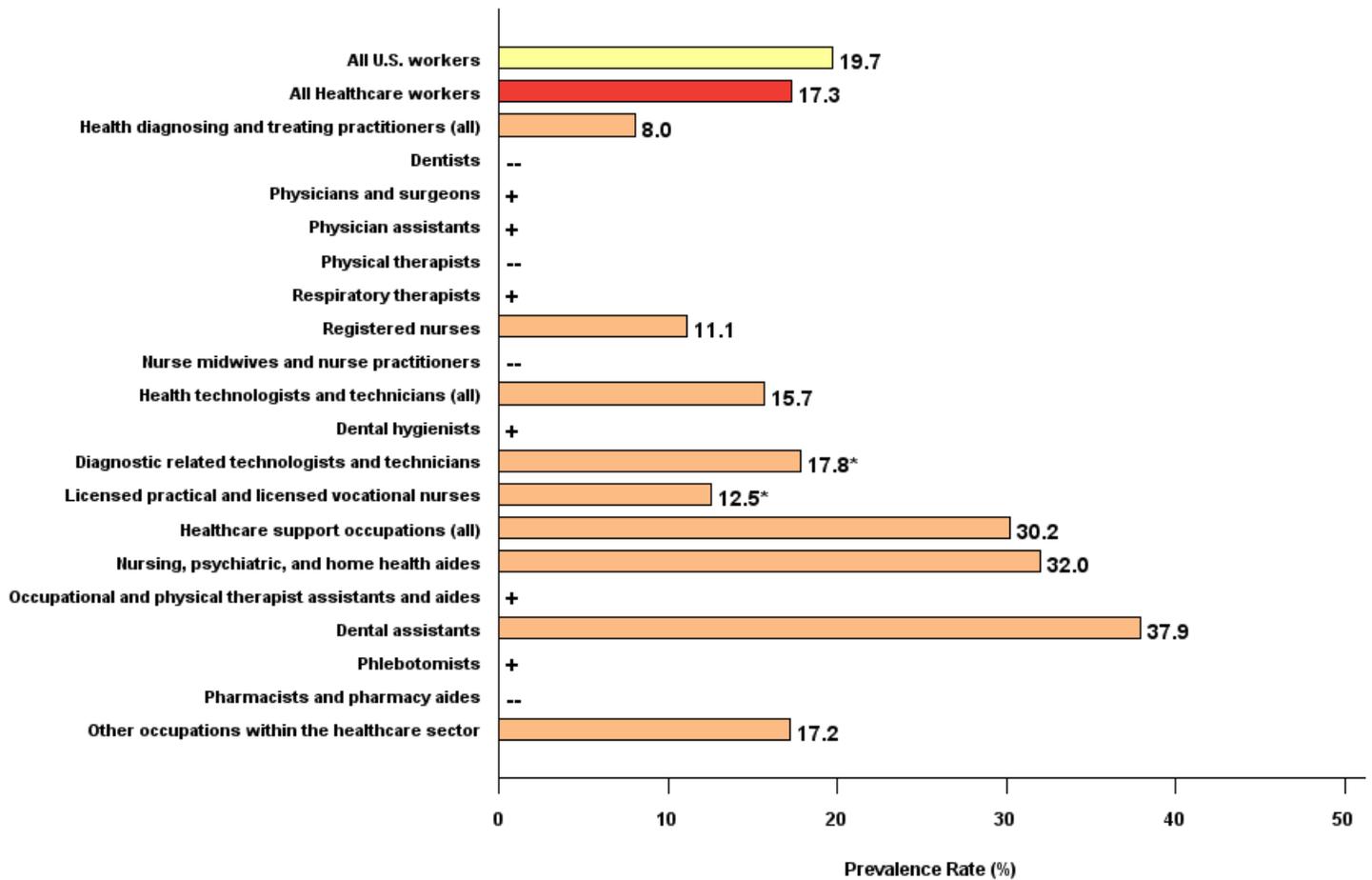
\* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ 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 Healthcare occupational category, 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.

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

**Table 15b. Prevalence of smoking among U.S. adults who worked in the past 12 months by Healthcare occupational category, 2010**

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	19.7	0.4	18.9-20.4
All Healthcare workers	17.3	1.2	15.0-19.6
Health diagnosing and treating practitioners (all)	8.0	1.2	5.5-10.4
Dentists	--	--	--
Physicians and surgeons	+	+	+
Physician assistants	+	+	+
Physical therapists	--	--	--
Respiratory therapists	+	+	+
Registered nurses	11.1	1.8	7.5-14.7
Nurse midwives and nurse practitioners	--	--	--
Health technologists and technicians (all)	15.7	2.8	10.2-21.1
Dental hygienists	+	+	+
Diagnostic related technologists and technicians	17.8*	6.1	5.8-29.9
Licensed practical and licensed vocational nurses	12.5*	4.3	4.0-21.0
Healthcare support occupations (all)	30.2	3.1	24.0-36.4
Nursing, psychiatric, and home health aides	32.0	3.9	24.4-39.7
Occupational and physical therapist assistants and aides	+	+	+
Dental assistants	37.9	10.4	17.4-58.5
Phlebotomists	+	+	+
Pharmacists and pharmacy aides	--	--	--
Other occupations within the healthcare sector	17.2	1.7	13.8-20.6

\* 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.