

**Selected Findings for the Transportation, Warehousing, and Utilities Sector
By Industry Subsector
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 Transportation, Warehousing, and Utilities sector by industry subsector 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 Transportation, Warehousing, and Utilities sector consisted of 854 persons, representing approximately 7.6 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 Transportation, Warehousing, and Utilities sector by industry subsector. All Transportation, Warehousing, and Utilities sector workers are compared to all U.S. workers combined, and comparisons are made among 14 Transportation, Warehousing, and Utilities subsectors, although small sample sizes within several of the subsectors limit the reporting of some estimates.

Index:

- Description of Transportation, Warehousing, and Utilities sector
 - Table A. U.S. Transportation, Warehousing, and Utilities sector workers by subsector, 2010
 - Table B. U.S. Transportation, Warehousing, and Utilities sector workers by occupational category, 2010

- All industry sectors vs. the Transportation, Warehousing, and Utilities sector
 - Figure 1. Prevalence of selected health conditions; work organization and psychosocial factors; and physical and chemical exposures among U.S. workers (Transportation, Warehousing, and Utilities 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 (Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities subsector, 2010
 - Table 2. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities subsector, 2010
 - Figure 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010
 - Table 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities subsector, 2010
 - Figure 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010
 - Table 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010
 - Figure 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010
 - Table 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010

- Figure 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010
- Table 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010
- Psychosocial exposures
 - Figure 9. Prevalence of job insecurity among working U.S. adults by Transportation, Warehousing, and Utilities subsector, 2010
 - Table 9. Prevalence of job insecurity among working U.S. adults by Transportation, Warehousing, and Utilities subsector, 2010
 - Figure 10. Prevalence of work-family imbalance among working U.S. adults by Transportation, Warehousing, and Utilities subsector, 2010
 - Table 10. Prevalence of work-family imbalance among working U.S. adults by Transportation, Warehousing, and Utilities subsector, 2010
 - Figure 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010
 - Table 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities subsector, 2010
 - Table 12. Prevalence of exposure to potential skin hazards among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010
 - Figure 13. Prevalence of outdoor work among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010
 - Table 13. Prevalence of exposure to outdoor work among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities subsector, 2010
 - Table 14. Prevalence of exposure to vapors, gas, dust, or fumes among U.S. adults at their longest held job by Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities subsector, 2010
 - Figure 15b. Prevalence of current smokers among U.S. adults who worked in the past 12 months, by Transportation, Warehousing, and Utilities subsector, 2010
 - Table 15b. Prevalence of smoking among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010

Table A. U.S. Transportation, Warehousing, and Utilities sector workers by subsector, 2010

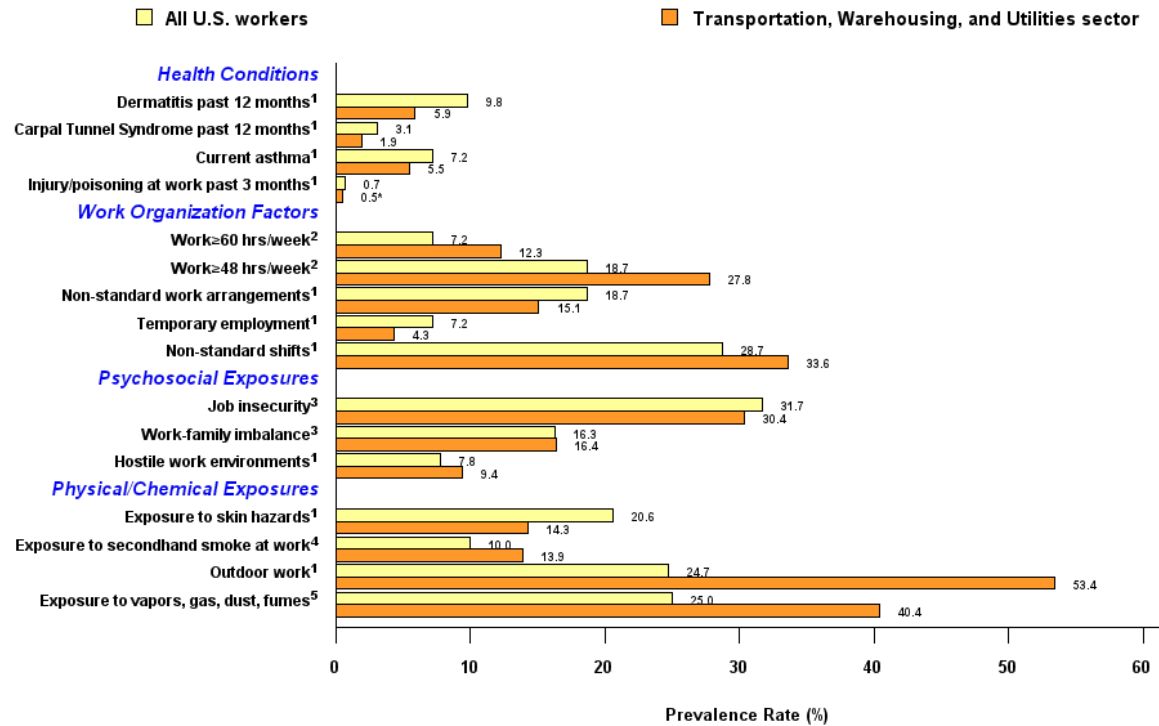
Industry subsector	Census 2007 industry codes	Estimated Population Represented by Sample	% of U.S. Transportation, Warehousing, and Utilities workforce
Air transportation	6070	698,603	9.15
Rail transportation	6080	209,113	2.74
Truck transportation	6170	1,619,843	21.21
Bus service and urban transit	6180	525,929	6.88
Other transportation	6090, 6190, 6270, 6280	405,213	5.30
Services incidental to transportation	6290	684,666	8.96
Postal Service	6370	850,536	11.13
Couriers and messengers	6380	705,192	9.23
Warehousing and storage	6390	492,589	6.45
Electric power generation, transmission and distribution	570	841,552	11.02
Natural gas distribution	580	95,571	1.25
Electric and gas, and other combinations	590	101,195	1.32
Water, steam, air-conditioning, and irrigation systems	670	264,766	3.47
Other and not specified utilities	0680, 0690	144,166	1.89
Total		7,638,934	100

Table B. U.S. Transportation, Warehousing, and Utilities sector workers by occupational category, 2010

Occupational category	Census 2010 occupation codes	Estimated Population Represented by Sample	% of U.S. Transportation, Warehousing, and Utilities workforce
Couriers/messengers	5510	176,987	2.33
Other material recording/scheduling/dispatching/distributing workers	5500, 5520, 5530, 5540, 5550, 5560, 5600, 5610, 5620, 5630	1,023,463	13.45
Electrical power-line installers/repairers	7410	121,653	1.60
Other installation/maintenance/repair occupations	7000-7630 (except 7410)	530,092	6.97
Flight attendants	9050	166,002	2.18
Other air transportation workers	9030, 9040	109,465	1.44
Bus drivers	9120	226,079	2.97
Driver/sales workers & truck drivers	9130	1,337,356	17.57
Taxi drivers/chauffeurs	9140	208,286	2.74
Rail transportation workers	9200, 9230, 9240, 9260	115,203	1.51
Other transportation workers	9150, 9110, 9300, 9310, 9330, 9340, 9350, 9360, 9410, 9415, 9420	177,914	2.34
Industrial truck/tractor operators	9600	133,377	1.75
Laborers and freight/stock/material movers	9620	393,360	5.17
Other material moving workers	9500, 9510, 9520, 9560, 9610, 9630, 9640, 9650, 9720, 9730, 9740, 9750	128,322	1.69
Managers/supervisors in Transportation/warehousing/utilities sector	0010-0430, 5000, 9000	655,474	8.61
Other workers in transportation/warehousing/utilities sector	All other Census occupation codes	2,106,964	27.69
Total*		7,609,997	100

*The total number of Transportation, Warehousing, and Utilities sector workers represented by these occupational groups is slightly less than the total number of workers represented by the full industry sample due to missing values for occupation

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



¹Among U.S. adults who have worked in the past 12 months.

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

³Among U.S. adults who were employed in the week prior to interview.

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

⁵Exposure 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 (Transportation, Warehousing, and Utilities sector vs. All U.S. workers, 2010)

		All U.S. workers			Transportation, Warehousing, and Utilities 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 ¹	9.8	0.3	9.2-10.3	5.9	0.9	4.1-7.7
	Carpal tunnel syndrome in the past 12 months ¹	3.1	0.2	2.8-3.4	1.9	0.5	0.9-3.0
	Current asthma ¹	7.2	0.2	6.7-7.6	5.5	0.9	3.6-7.3
	Injury or poisoning at work in the past 12 months ¹	2.8	0.4	2.0-3.4	2.0*	0.9	0.3-3.9
Work Organization Factors	Work 60 hours a week or more ²	7.2	0.3	6.7-7.7	12.3	1.5	9.2-15.3
	Work 48 hours a week or more ²	18.7	0.4	18.0-19.5	27.8	2.0	23.9-31.6
	Non-standard work arrangements ¹	18.7	0.4	18.0-19.4	15.1	1.4	12.4-17.8
	Temporary employment ¹	7.2	0.3	6.7-7.7	4.3	0.7	2.9-5.8
	Non-standard shifts ¹	28.7	0.5	27.8-29.7	33.6	1.9	29.9-37.4
Psychosocial Exposures	Job insecurity ³	31.7	0.5	30.8-32.6	30.4	1.9	26.7-34.1
	Work-family imbalance ³	16.3	0.4	15.6-17.1	16.4	1.6	13.3-19.5
	Hostile work environments ¹	7.8	0.3	7.3-8.4	9.4	1.1	7.4-11.5
Physical/Chemical Exposures	Exposure to potential skin hazards at work ¹	20.6	0.4	19.8-21.3	14.3	1.4	11.6-17.0
	Exposure to secondhand smoke at work ⁴	10.0	0.3	9.3-10.6	13.9	1.6	10.8-17.0
	Exposure to outdoor work ¹	24.7	0.4	23.8-25.6	53.4	2.0	49.6-57.3
	Exposure to vapors, gas, dust, or fumes ⁵	25.0	0.4	24.2-25.8	40.4	1.9	36.6-44.1

¹ Among U.S. adults who have worked in the past 12 months.

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

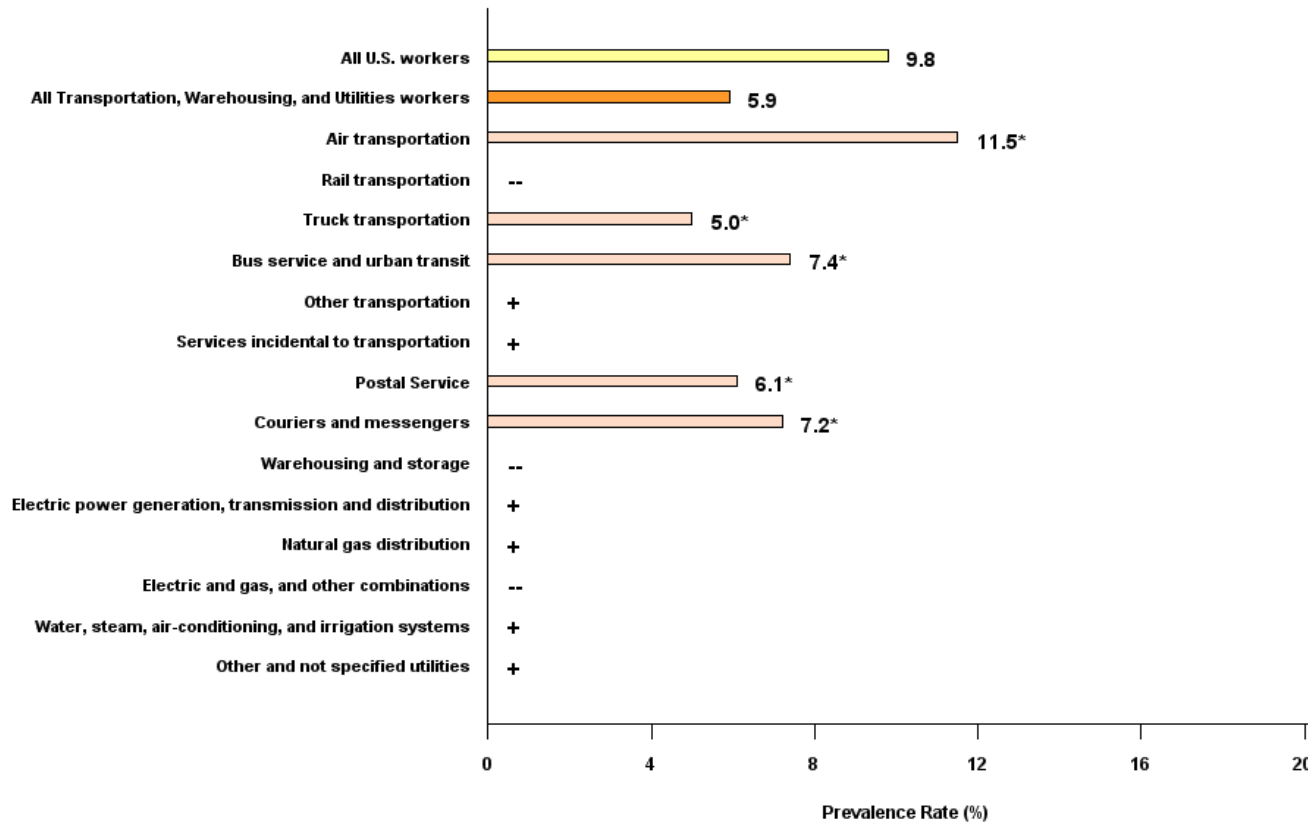
³ Among U.S. adults who were employed in the week prior to interview.

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

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

Figure 2. Prevalence of dermatitis in the past 12 months among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010

NHIS 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 Transportation, Warehousing, and Utilities subsector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	9.8	0.3	9.2-10.3
All Transportation, Warehousing, and Utilities sector workers	5.9	0.9	4.1-7.7
Air transportation	11.5*	3.9	3.7-19.2
Rail transportation	--	--	--
Truck transportation	5.0*	1.9	1.2-8.7
Bus service and urban transit	7.4*	3.7	0.1-14.7
Other transportation	+	+	+
Services incidental to transportation	+	+	+
Postal Service	6.1*	2.8	0.6-11.7
Couriers and messengers	7.2*	3.1	1.1-13.3
Warehousing and storage	--	--	--
Electric power generation, transmission and distribution	+	+	+
Natural gas distribution	+	+	+
Electric and gas, and other combinations	--	--	--
Water, steam, air-conditioning, and irrigation systems	+	+	+
Other and not specified utilities	+	+	+

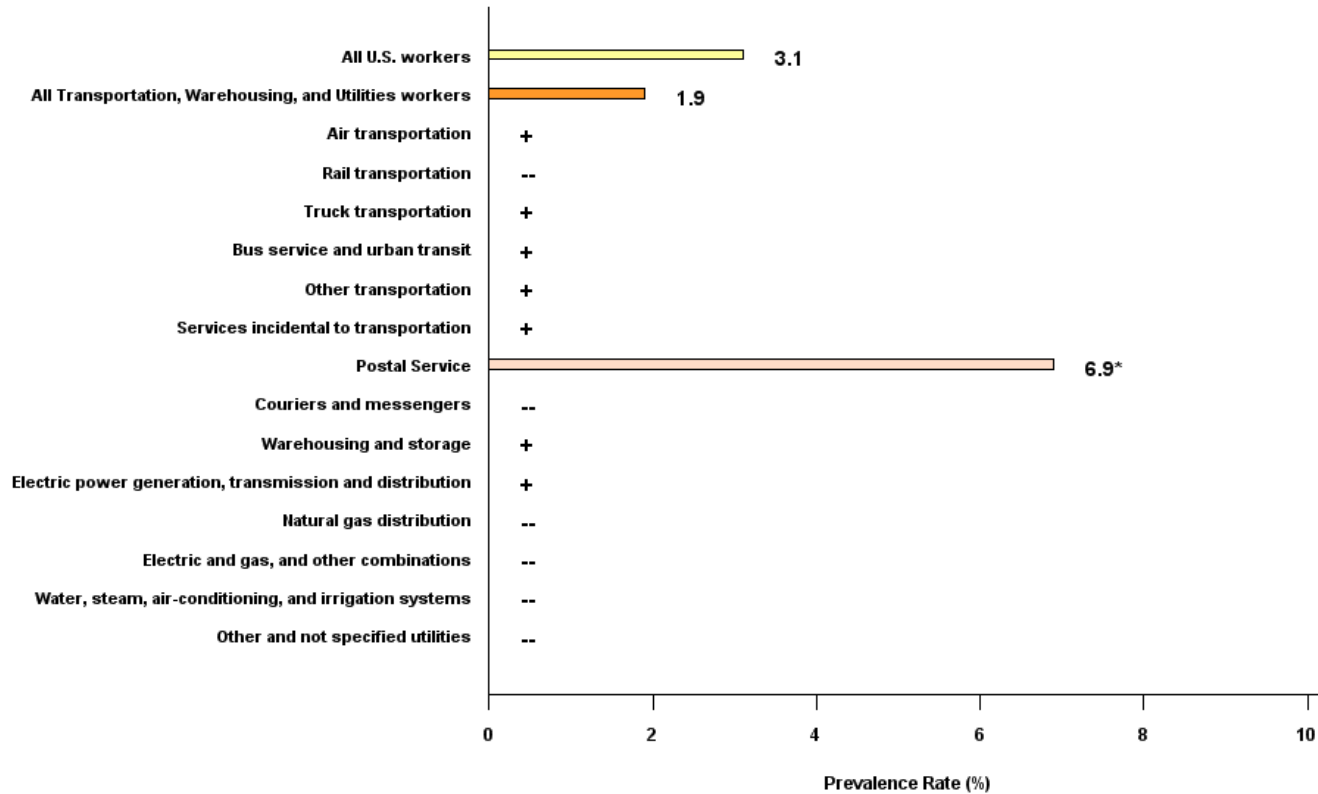
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Figure 3. Prevalence of carpal tunnel syndrome in the past 12 months among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010

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?



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-- 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 Transportation, Warehousing, and Utilities subsector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	3.1	0.2	2.8-3.4
All Transportation, Warehousing, and Utilities sector workers	1.9	0.5	0.9-3.0
Air transportation	+	+	+
Rail transportation	--	--	--
Truck transportation	+	+	+
Bus service and urban transit	+	+	+
Other transportation	+	+	+
Services incidental to transportation	+	+	+
Postal Service	6.9*	3.1	0.8-13.0
Couriers and messengers	--	--	--
Warehousing and storage	+	+	+
Electric power generation, transmission and distribution	+	+	+
Natural gas distribution	--	--	--
Electric and gas, and other combinations	--	--	--
Water, steam, air-conditioning, and irrigation systems	--	--	--
Other and not specified utilities	--	--	--

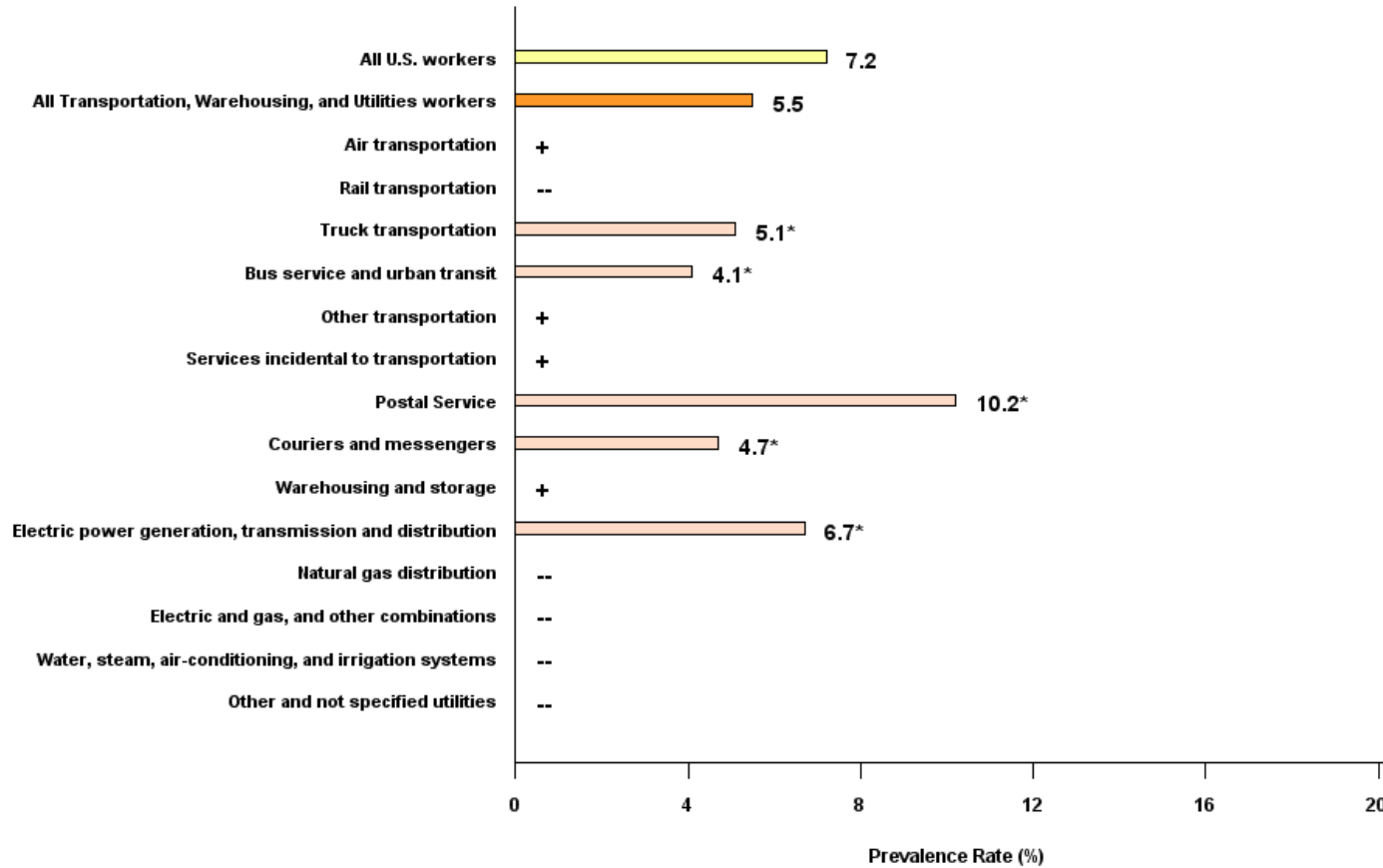
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Figure 4. Prevalence of current asthma among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010

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

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	7.2	0.2	6.7-7.6
All Transportation, Warehousing, and Utilities sector workers	5.5	0.9	3.6-7.3
Air transportation	+	+	+
Rail transportation	--	--	--
Truck transportation	5.1*	1.8	1.5-8.7
Bus service and urban transit	4.1*	1.8	0.5-7.6
Other transportation	+	+	+
Services incidental to transportation	+	+	+
Postal Service	10.2*	4.0	2.3-18.1
Couriers and messengers	4.7*	2.2	0.3-9.1
Warehousing and storage	+	+	+
Electric power generation, transmission and distribution	6.7*	2.5	1.8-11.5
Natural gas distribution	--	--	--
Electric and gas, and other combinations	--	--	--
Water, steam, air-conditioning, and irrigation systems	--	--	--
Other and not specified utilities	--	--	--

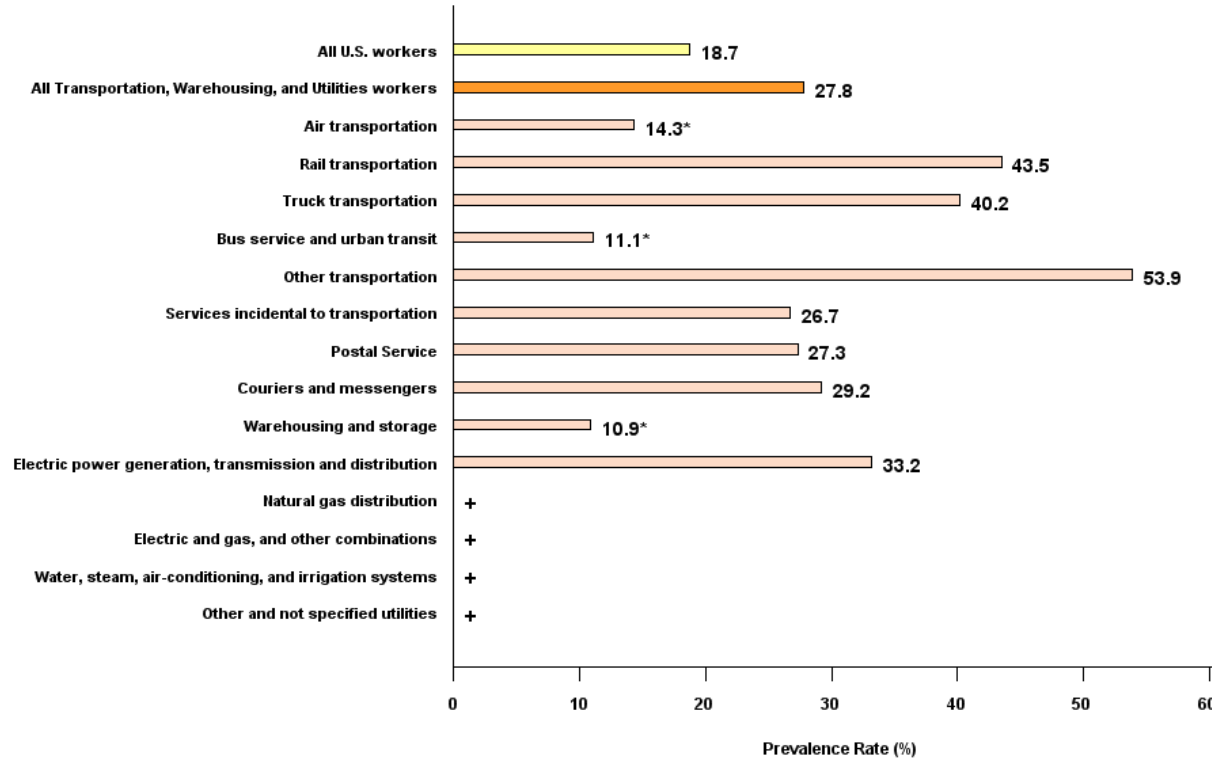
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Figure 5. Prevalence of working 48 hours a week or more among U.S. adults working one job at the time of interview by Transportation, Warehousing, and Utilities subsector, 2010

*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.)*



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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 Transportation, Warehousing, and Utilities subsector, 2010

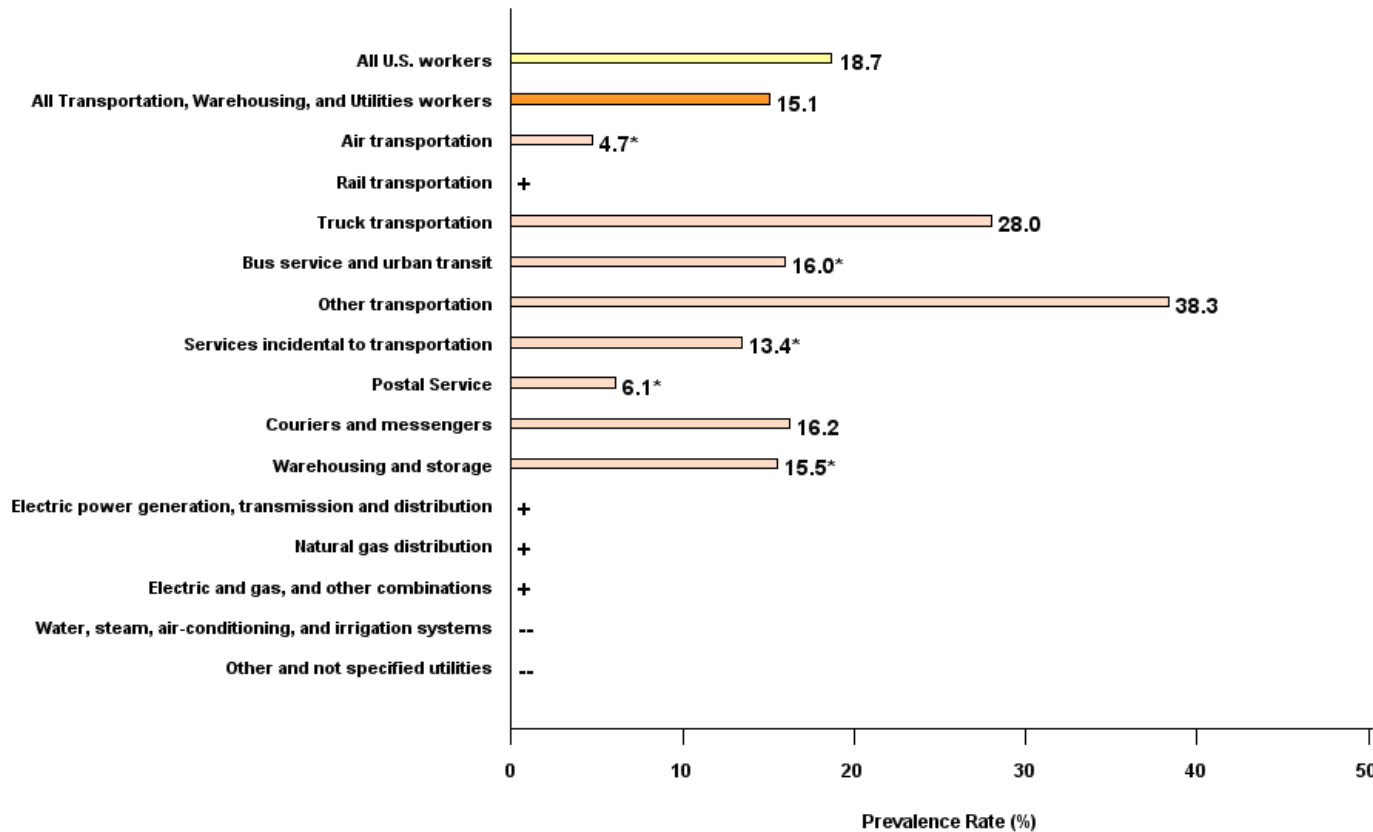
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	18.7	0.4	18.0-19.5
All Transportation, Warehousing, and Utilities sector workers	27.8	2.0	23.9-31.6
Air transportation	14.3*	4.6	5.2-23.5
Rail transportation	43.5	12.9	18.2-68.8
Truck transportation	40.2	4.5	31.2-49.1
Bus service and urban transit	11.1*	4.9	1.5-20.8
Other transportation	53.9	10.2	33.9-74.0
Services incidental to transportation	26.7	6.4	14.2-39.3
Postal Service	27.3	5.8	15.9-38.7
Couriers and messengers	29.2	7.1	15.3-43.2
Warehousing and storage	10.9*	5.0	1.2-20.7
Electric power generation, transmission and distribution	33.2	6.8	19.8-46.6
Natural gas distribution	+	+	+
Electric and gas, and other combinations	+	+	+
Water, steam, air-conditioning, and irrigation systems	+	+	+
Other and not specified utilities	+	+	+

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Figure 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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)*



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

Table 6. Prevalence of non-standard work arrangements among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	18.7	0.4	18.0-19.4
All Transportation, Warehousing, and Utilities sector workers	15.1	1.4	12.4-17.8
Air transportation	4.7*	2.2	0.3-9.2
Rail transportation	+	+	+
Truck transportation	28.0	3.7	20.7-35.3
Bus service and urban transit	16.0*	5.0	6.2-25.8
Other transportation	38.3	8.3	21.9-54.7
Services incidental to transportation	13.4*	4.5	4.6-22.2
Postal Service	6.1*	2.5	1.3-11.0
Couriers and messengers	16.2	4.6	7.2-25.2
Warehousing and storage	15.5*	5.0	5.7-25.3
Electric power generation, transmission and distribution	+	+	+
Natural gas distribution	+	+	+
Electric and gas, and other combinations	+	+	+
Water, steam, air-conditioning, and irrigation systems	--	--	--
Other and not specified utilities	--	--	--

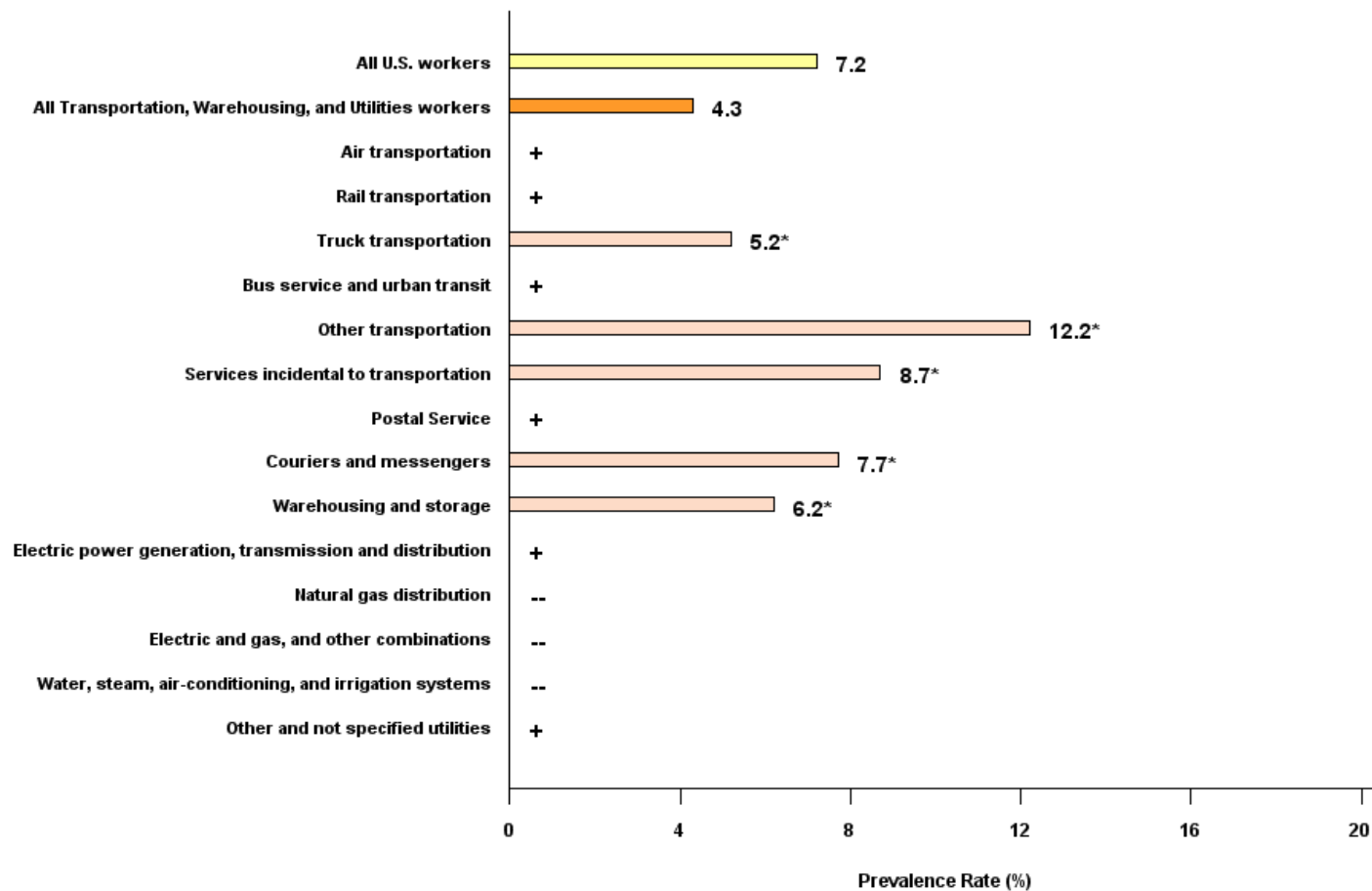
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Figure 7. Prevalence of temporary employment among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010

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



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-- 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 Transportation, Warehousing, and Utilities subsector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	7.2	0.3	6.7-7.7
All Transportation, Warehousing, and Utilities sector workers	4.3	0.7	2.9-5.8
Air transportation	+	+	+
Rail transportation	+	+	+
Truck transportation	5.2*	1.8	1.6-8.8
Bus service and urban transit	+	+	+
Other transportation	12.2*	4.8	2.7-21.6
Services incidental to transportation	8.7*	3.3	2.2-15.2
Postal Service	+	+	+
Couriers and messengers	7.7*	3.6	0.6-14.9
Warehousing and storage	6.2*	2.7	1.0-11.5
Electric power generation, transmission and distribution	+	+	+
Natural gas distribution	--	--	--
Electric and gas, and other combinations	--	--	--
Water, steam, air-conditioning, and irrigation systems	--	--	--
Other and not specified utilities	+	+	+

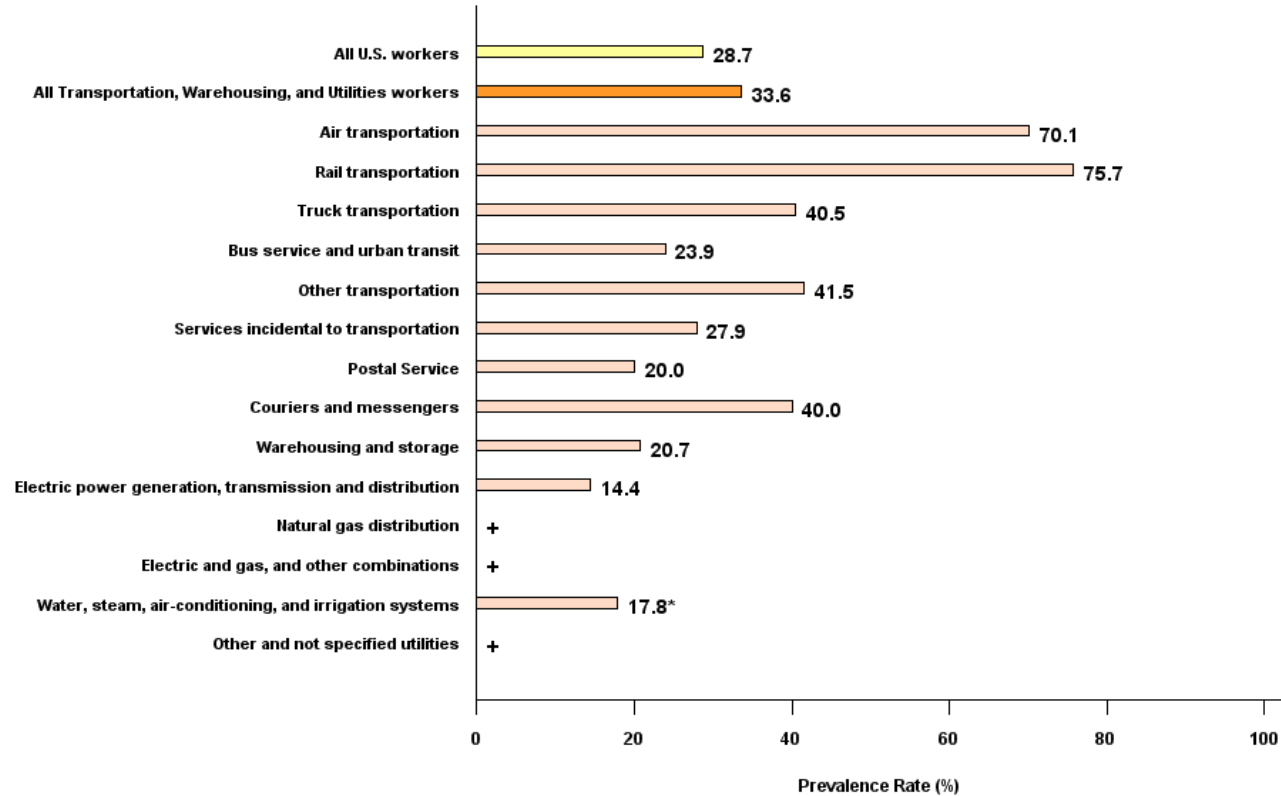
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-- No cases detected, likely due to insufficient sample size.

Figure 8. Prevalence of non-standard shifts among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities subsector, 2010

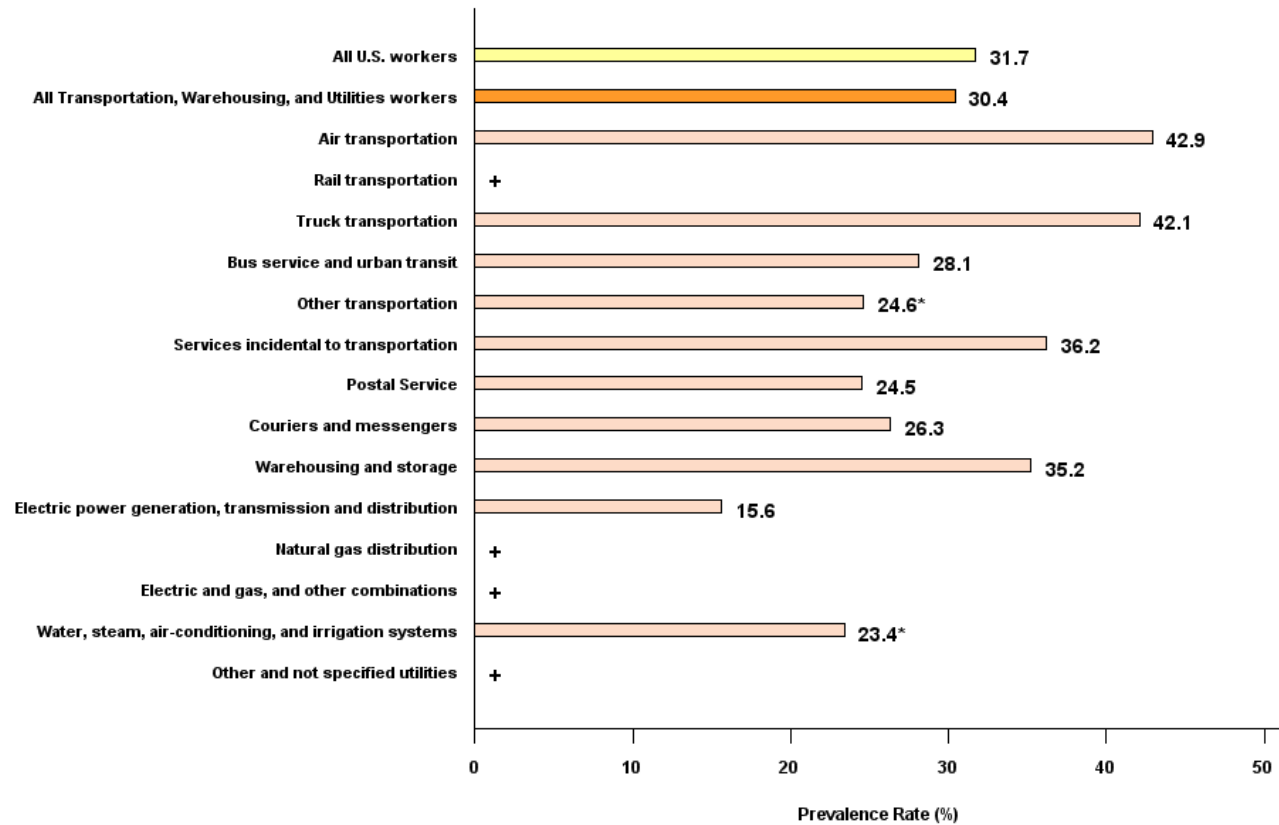
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	28.7	0.5	27.8-29.7
All Transportation, Warehousing, and Utilities sector workers	33.6	1.9	29.9-37.4
Air transportation	70.1	5.6	59.0-81.2
Rail transportation	75.7	9.5	57.0-94.5
Truck transportation	40.5	4.0	32.7-48.4
Bus service and urban transit	23.9	6.4	11.3-36.6
Other transportation	41.5	8.4	25.0-58.0
Services incidental to transportation	27.9	6.8	14.5-41.2
Postal Service	20.0	4.4	11.4-28.6
Couriers and messengers	40.0	6.8	26.7-53.4
Warehousing and storage	20.7	5.8	9.3-32.1
Electric power generation, transmission and distribution	14.4	4.0	6.5-22.3
Natural gas distribution	+	+	+
Electric and gas, and other combinations	+	+	+
Water, steam, air-conditioning, and irrigation systems	17.8*	7.3	3.3-32.2
Other and not specified utilities	+	+	+

* 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 Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities subsector, 2010

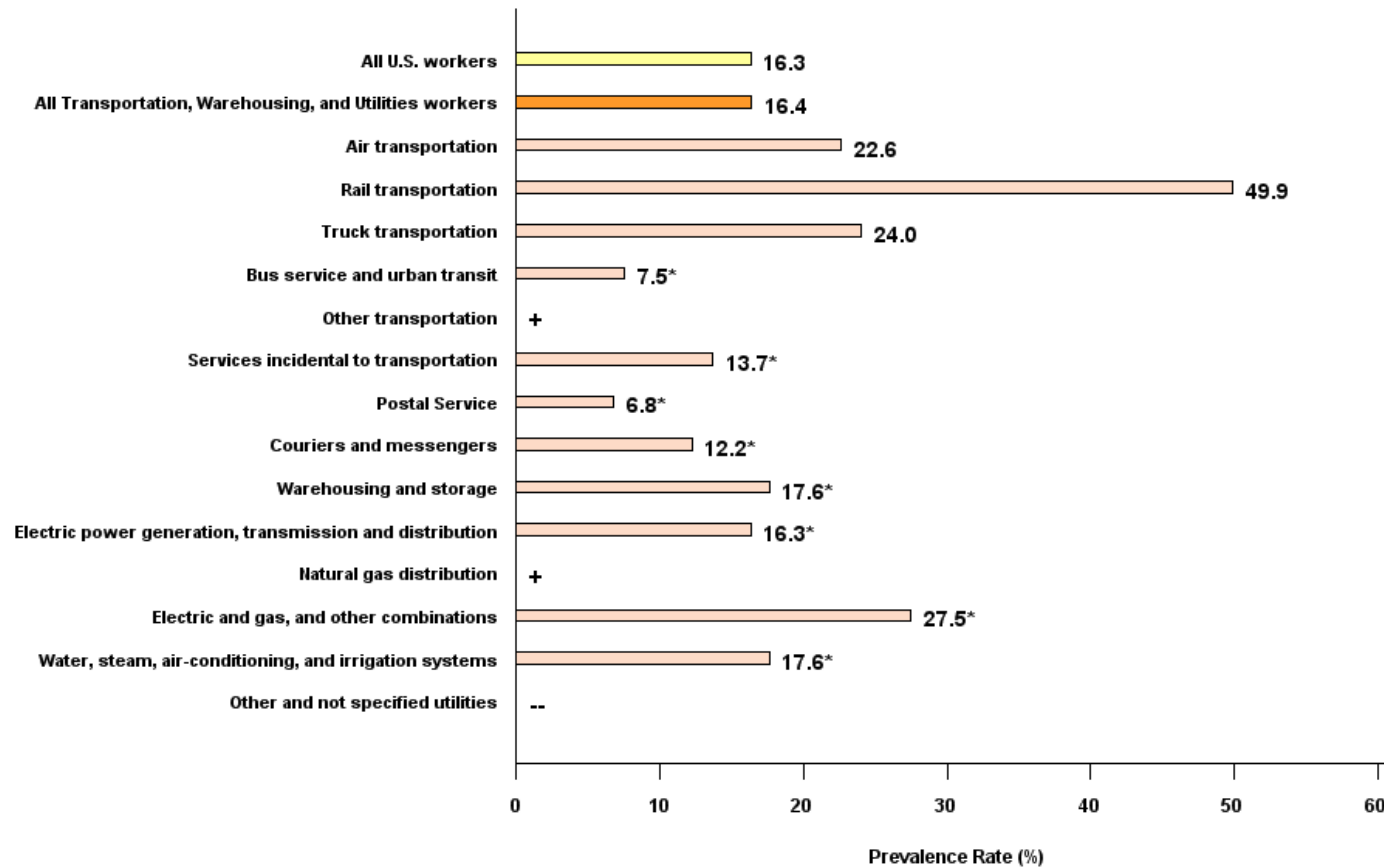
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	31.7	0.5	30.8-32.6
All Transportation, Warehousing, and Utilities sector workers	30.4	1.9	26.7-34.1
Air transportation	42.9	7.2	28.7-57.2
Rail transportation	+	+	+
Truck transportation	42.1	4.5	33.3-50.9
Bus service and urban transit	28.1	6.8	14.7-41.6
Other transportation	24.6*	7.5	9.8-39.4
Services incidental to transportation	36.2	6.5	23.4-49.1
Postal Service	24.5	5.4	13.9-35.2
Couriers and messengers	26.3	5.8	14.9-37.8
Warehousing and storage	35.2	8.2	19.1-51.3
Electric power generation, transmission and distribution	15.6	4.6	6.5-24.7
Natural gas distribution	+	+	+
Electric and gas, and other combinations	+	+	+
Water, steam, air-conditioning, and irrigation systems	23.4*	9.9	3.8-42.9
Other and not specified utilities	+	+	+

* 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 Transportation, Warehousing, and Utilities 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.

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

Table 10. Prevalence of work-family imbalance among working U.S. adults by Transportation, Warehousing, and Utilities subsector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	16.3	0.4	15.6-17.1
All Transportation, Warehousing, and Utilities sector workers	16.4	1.6	13.3-19.5
Air transportation	22.6	5.5	11.8-33.3
Rail transportation	49.9	12.7	25.0-74.8
Truck transportation	24.0	3.7	16.7-31.2
Bus service and urban transit	7.5*	3.3	1.0-14.1
Other transportation	+	+	+
Services incidental to transportation	13.7*	5.2	3.5-23.8
Postal Service	6.8*	3.2	0.5-13.1
Couriers and messengers	12.2*	4.8	2.7-21.7
Warehousing and storage	17.6*	5.8	6.3-29.0
Electric power generation, transmission and distribution	16.3*	5.0	6.4-26.2
Natural gas distribution	+	+	+
Electric and gas, and other combinations	27.5*	12.7	2.6-52.4
Water, steam, air-conditioning, and irrigation systems	17.6*	7.4	3.0-32.1
Other and not specified utilities	--	--	--

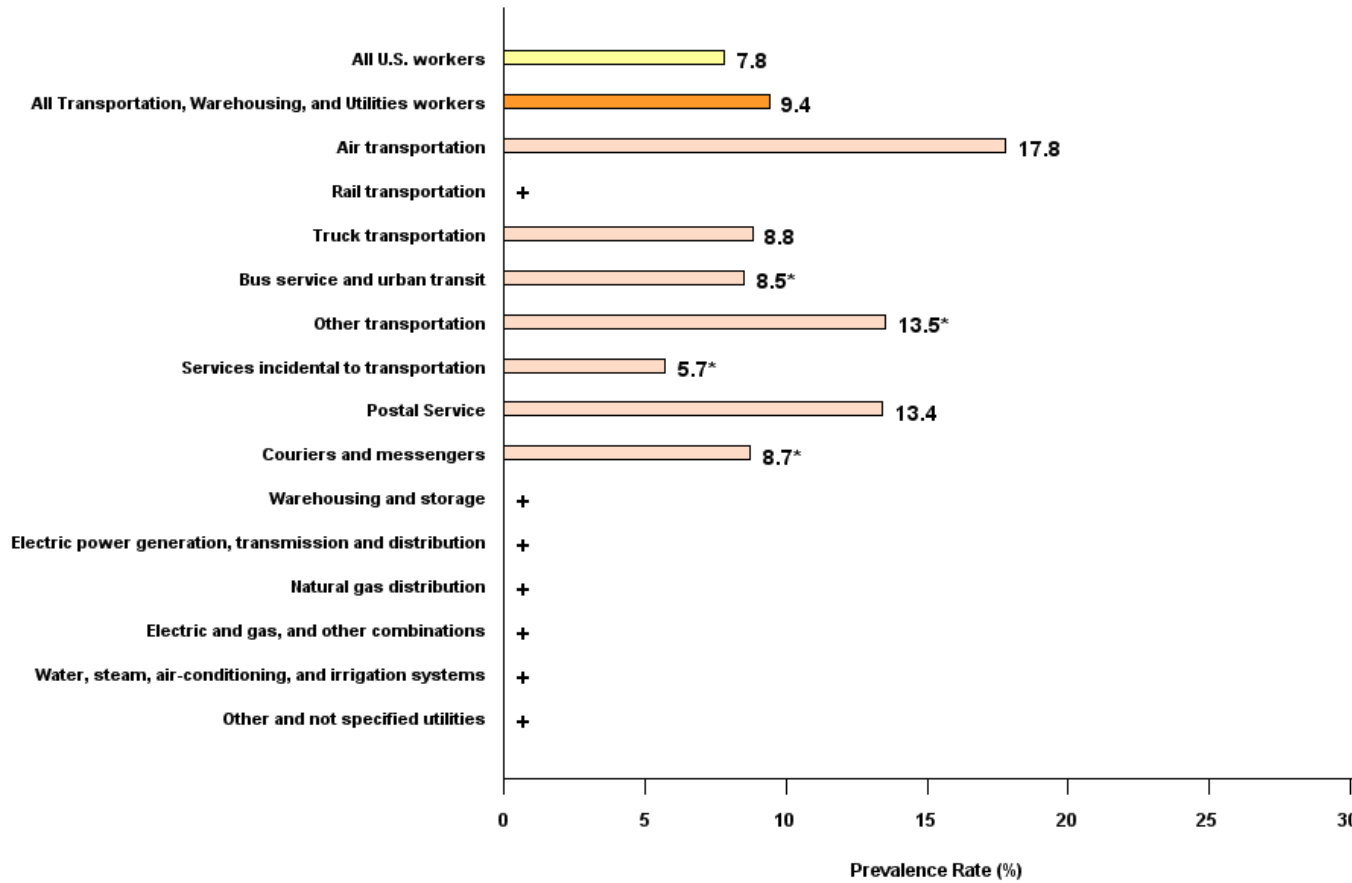
* These estimates have a relative standard error >30% and <50% and should be used with caution as they do not meet NCHS reliability/precision standards.

+ 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 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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.

Table 11. Prevalence of hostile work environments among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010

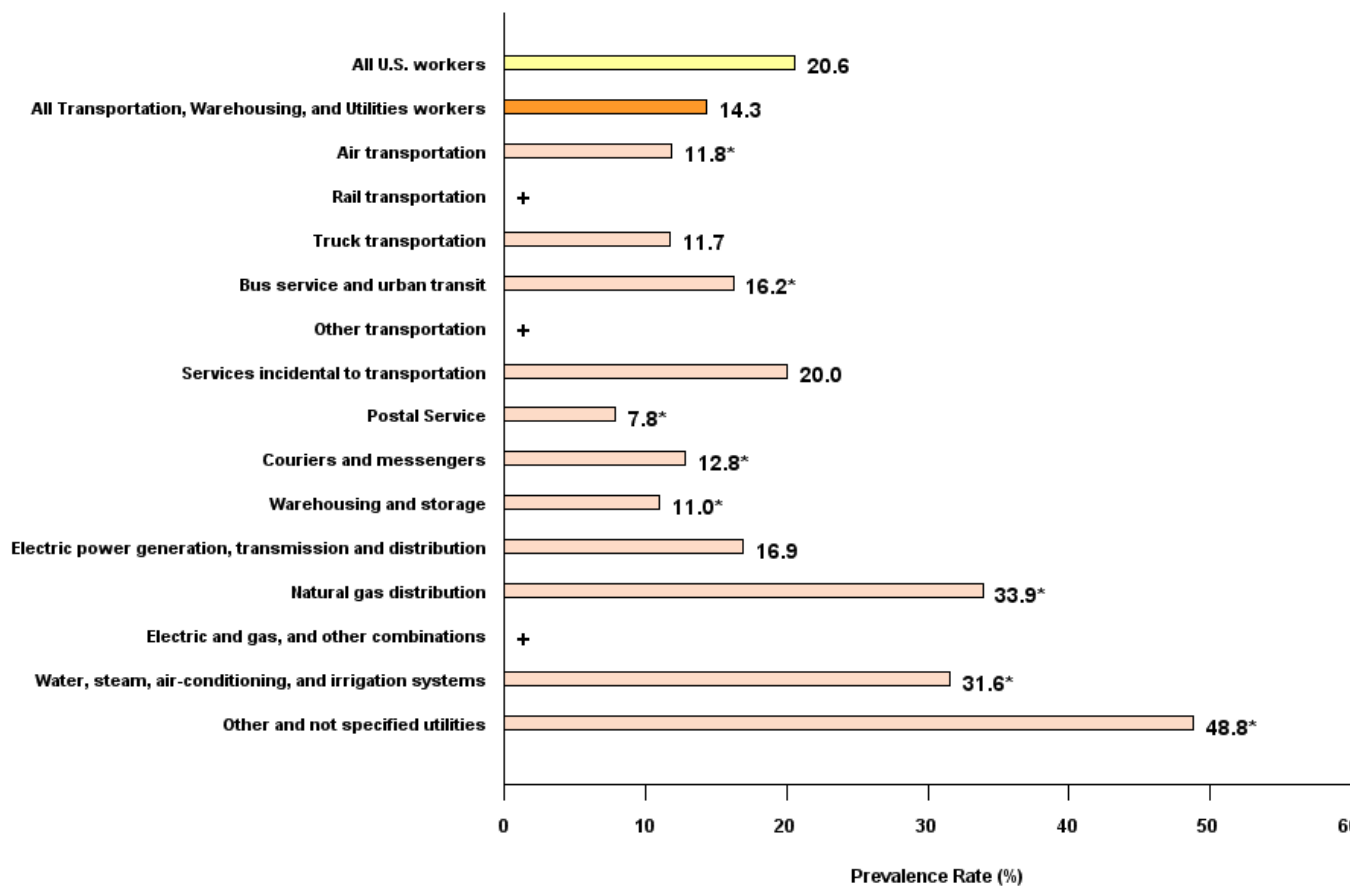
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	7.8	0.3	7.3-8.4
All Transportation, Warehousing, and Utilities sector workers	9.4	1.1	7.4-11.5
Air transportation	17.8	5.1	7.7-27.8
Rail transportation	+	+	+
Truck transportation	8.8	2.4	4.1-13.4
Bus service and urban transit	8.5*	3.6	1.5-15.5
Other transportation	13.5*	5.3	3.1-23.9
Services incidental to transportation	5.7*	2.4	1.0-10.5
Postal Service	13.4	3.7	6.1-20.7
Couriers and messengers	8.7*	3.1	2.5-14.9
Warehousing and storage	+	+	+
Electric power generation, transmission and distribution	+	+	+
Natural gas distribution	+	+	+
Electric and gas, and other combinations	+	+	+
Water, steam, air-conditioning, and irrigation systems	+	+	+
Other and not specified utilities	+	+	+

* 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 12. Prevalence of exposure to potential skin hazards at work among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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?



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+ 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 Transportation, Warehousing, and Utilities subsector, 2010

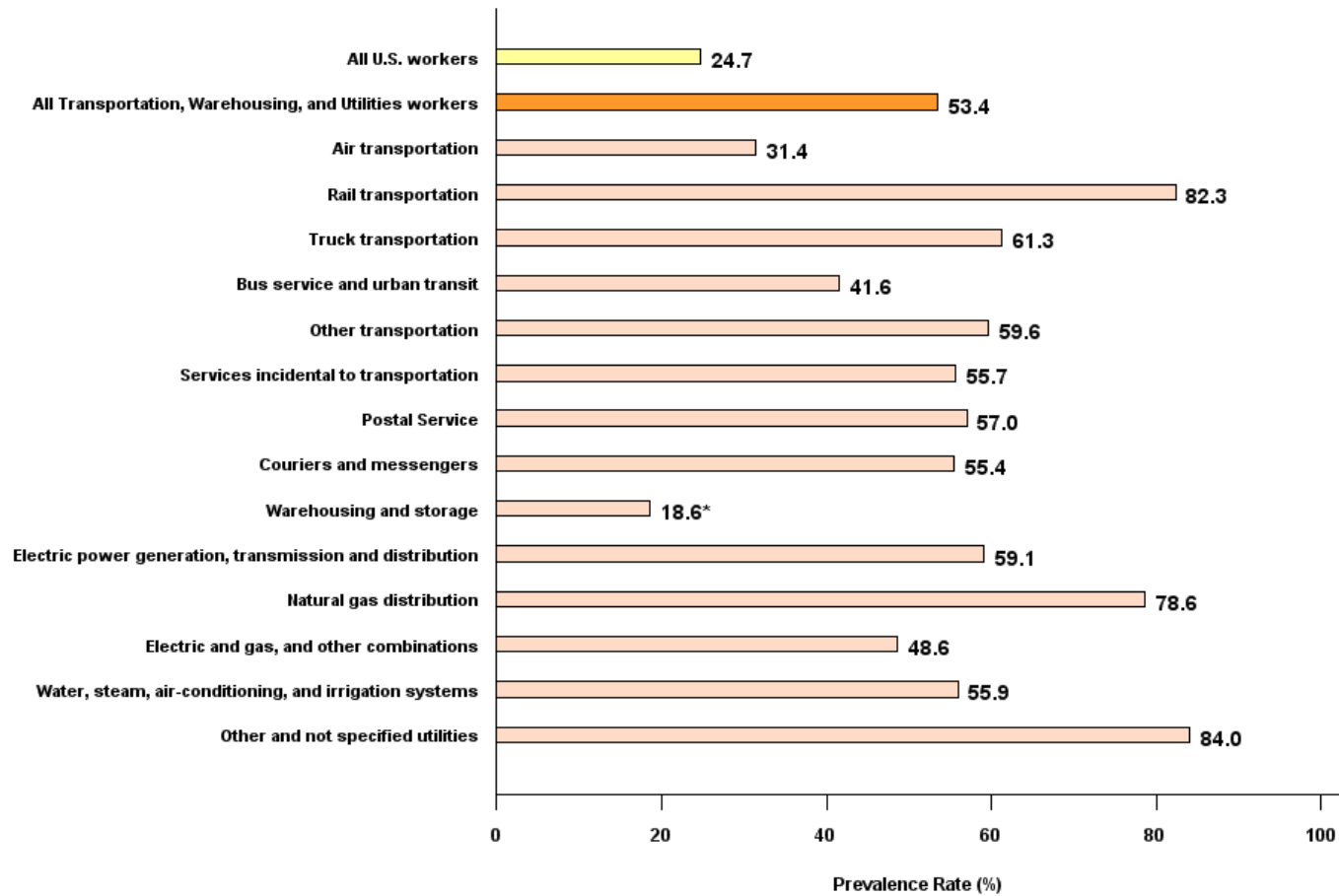
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	20.6	0.4	19.8-21.3
All Transportation, Warehousing, and Utilities sector workers	14.3	1.4	11.6-17.0
Air transportation	11.8*	3.7	4.5-19.1
Rail transportation	+	+	+
Truck transportation	11.7	2.5	6.8-16.6
Bus service and urban transit	16.2*	5.5	5.4-26.9
Other transportation	+	+	+
Services incidental to transportation	20.0	5.6	8.9-31.0
Postal Service	7.8*	3.7	0.6-15.1
Couriers and messengers	12.8*	4.7	3.6-22.1
Warehousing and storage	11.0*	4.5	2.1-19.9
Electric power generation, transmission and distribution	16.9	4.8	7.4-26.4
Natural gas distribution	33.9*	15.8	2.8-64.9
Electric and gas, and other combinations	+	+	+
Water, steam, air-conditioning, and irrigation systems	31.6*	10.5	11.0-52.2
Other and not specified utilities	48.8*	14.9	19.5-78.0

* 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 Transportation, Warehousing, and Utilities subsector, 2010

NHIS Question: During the past 12 months, did you regularly work outdoors 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.

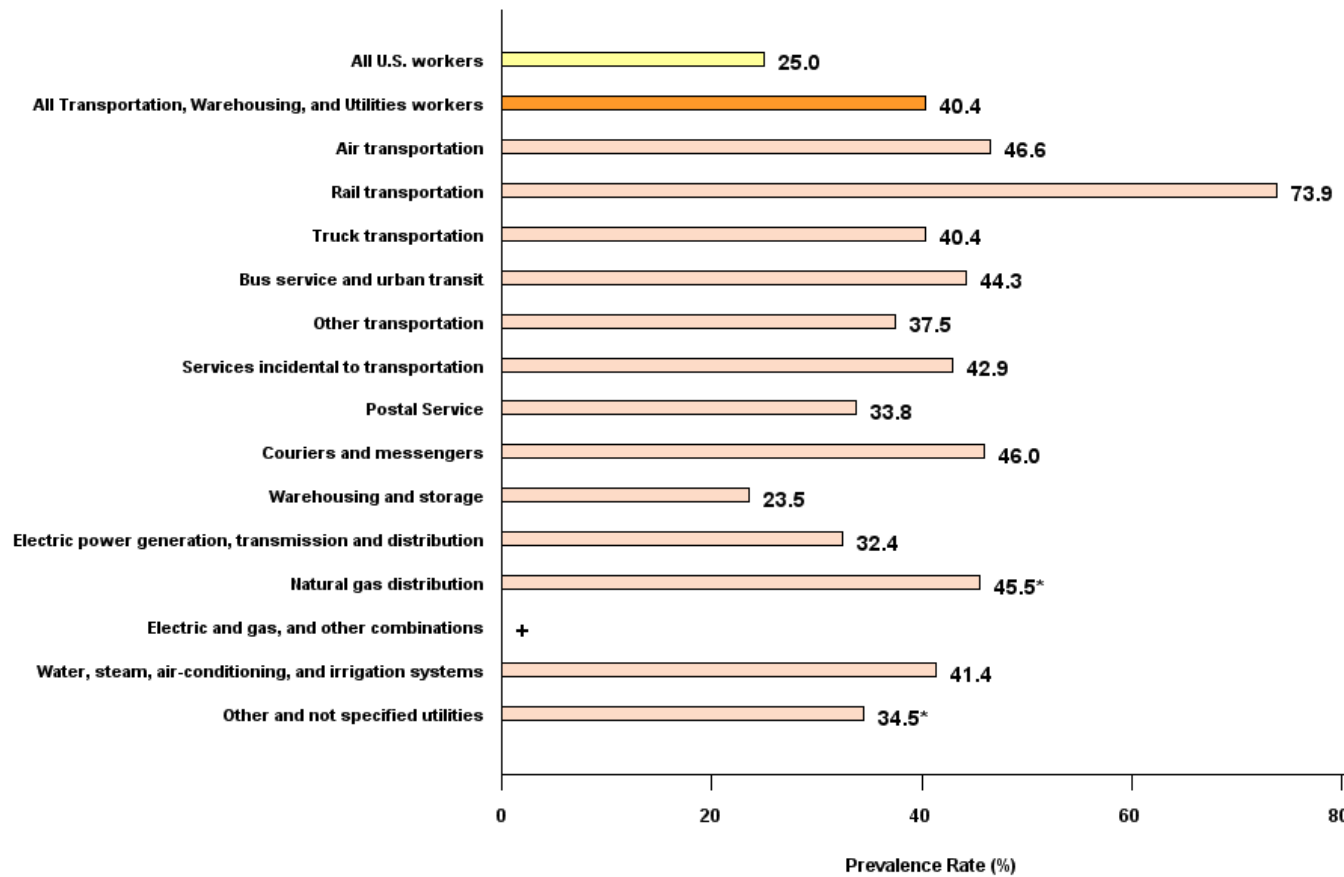
Table 13. Prevalence of exposure to outdoor work among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities subsector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	24.7	0.4	23.8-25.6
All Transportation, Warehousing, and Utilities sector workers	53.4	2.0	49.6-57.3
Air transportation	31.4	6.6	18.3-44.4
Rail transportation	82.3	8.6	65.4-99.1
Truck transportation	61.3	4.2	52.9-69.6
Bus service and urban transit	41.6	7.5	26.9-56.3
Other transportation	59.6	8.2	43.4-75.8
Services incidental to transportation	55.7	6.8	42.4-69.0
Postal Service	57.0	5.6	46.0-68.1
Couriers and messengers	55.4	6.6	42.5-68.3
Warehousing and storage	18.6*	5.8	7.2-30.0
Electric power generation, transmission and distribution	59.1	6.1	47.0-71.1
Natural gas distribution	78.6	12.0	55.1-102.2
Electric and gas, and other combinations	48.6	12.3	24.3-72.9
Water, steam, air-conditioning, and irrigation systems	55.9	11.1	34.0-77.7
Other and not specified utilities	84.0	9.7	64.9-103.1

* 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.

Figure 14. Prevalence of exposure to vapors, gas, dust, or fumes among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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?*



* 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 Transportation, Warehousing, and Utilities subsector, 2010

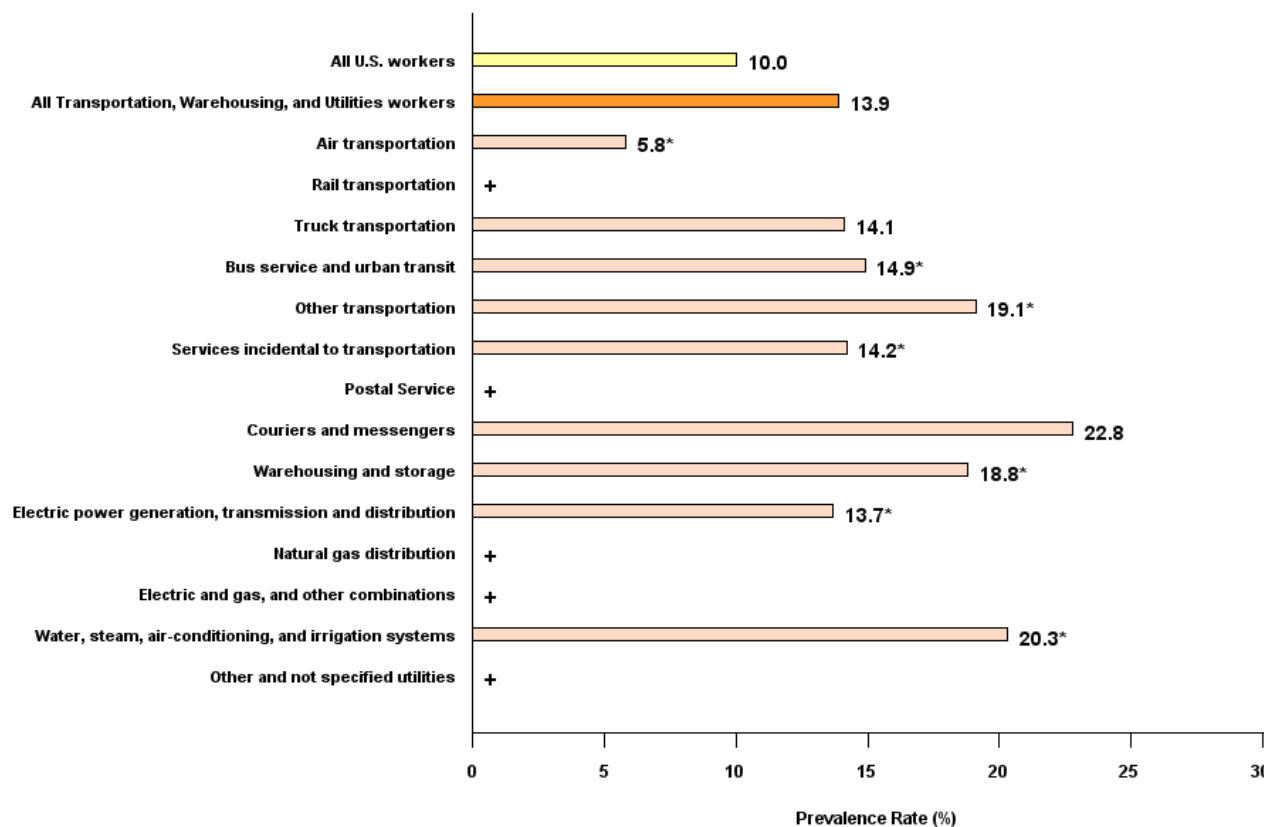
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	25	0.4	24.2-25.8
All Transportation, Warehousing, and Utilities sector workers	40.4	1.9	36.6-44.1
Air transportation	46.6	5.9	34.9-58.3
Rail transportation	73.9	8.5	57.3-90.5
Truck transportation	40.4	4.7	31.2-49.5
Bus service and urban transit	44.3	7.9	28.7-59.9
Other transportation	37.5	9.6	18.6-56.4
Services incidental to transportation	42.9	6.4	30.4-55.4
Postal Service	33.8	6.1	21.7-45.8
Couriers and messengers	46.0	6.5	33.3-58.8
Warehousing and storage	23.5	6.9	10.0-37.0
Electric power generation, transmission and distribution	32.4	6.7	19.2-45.6
Natural gas distribution	45.5*	17.4	11.3-79.6
Electric and gas, and other combinations	+	+	+
Water, steam, air-conditioning, and irrigation systems	41.4	11.8	18.2-64.6
Other and not specified utilities	34.5*	13.5	7.9-61.1

* 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.

+ 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 Transportation, Warehousing, and Utilities 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?



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

Table 15a. Prevalence of exposure to secondhand smoke at work among non-smoking U.S. adults by Transportation, Warehousing, and Utilities subsector, 2010

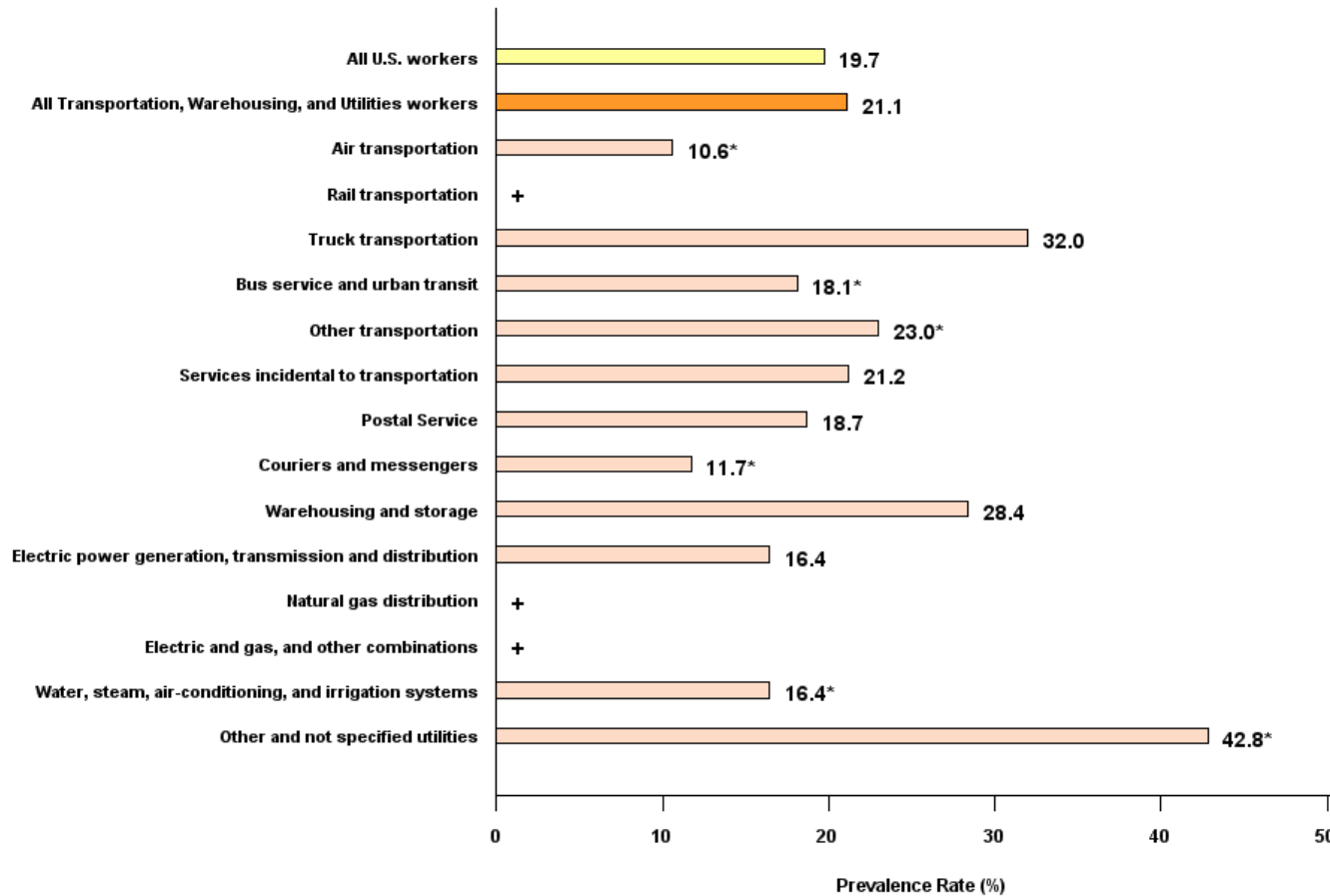
	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	10	0.3	9.3-10.6
All Transportation, Warehousing, and Utilities sector workers	13.9	1.6	10.8-17.0
Air transportation	5.8*	2.8	0.2-11.4
Rail transportation	+	+	+
Truck transportation	14.1	3.5	7.3-20.9
Bus service and urban transit	14.9*	5.9	3.4-26.4
Other transportation	19.1*	7.4	4.5-33.6
Services incidental to transportation	14.2*	5.0	4.4-24.0
Postal Service	+	+	+
Couriers and messengers	22.8	6.8	9.4-36.1
Warehousing and storage	18.8*	6.8	5.4-32.3
Electric power generation, transmission and distribution	13.7*	6.4	1.2-26.2
Natural gas distribution	+	+	+
Electric and gas, and other combinations	+	+	+
Water, steam, air-conditioning, and irrigation systems	20.3*	9.5	1.6-39.1
Other and not specified utilities	+	+	+

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

Figure 15b. Prevalence of smoking among U.S. adults who worked in the past 12 months by Transportation, Warehousing, and Utilities 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 Transportation, Warehousing, and Utilities subsector, 2010

	Prevalence (%)	Standard Error of Prevalence	95% Confidence Interval
All U.S. workers	19.7	0.4	18.9-20.4
All Transportation, Warehousing, and Utilities sector workers	21.1	1.6	17.9-24.3
Air transportation	10.6*	4.0	2.7-18.4
Rail transportation	+	+	+
Truck transportation	32.0	4.2	23.7-40.3
Bus service and urban transit	18.1*	5.4	7.4-28.8
Other transportation	23.0*	7.1	8.9-37.0
Services incidental to transportation	21.2	5.3	10.8-31.6
Postal Service	18.7	4.7	9.3-28.0
Couriers and messengers	11.7*	3.5	4.8-18.7
Warehousing and storage	28.4	8.2	12.3-44.6
Electric power generation, transmission and distribution	16.4	4.5	7.5-25.3
Natural gas distribution	+	+	+
Electric and gas, and other combinations	+	+	+
Water, steam, air-conditioning, and irrigation systems	16.4*	7.3	2.0-30.7
Other and not specified utilities	42.8*	14.8	13.7-72.0

* 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.