

Supplemental online content for:

## **Paid Sick Leave Among Working Cancer Survivors and Its Associations With Use of Preventive Services in the United States**

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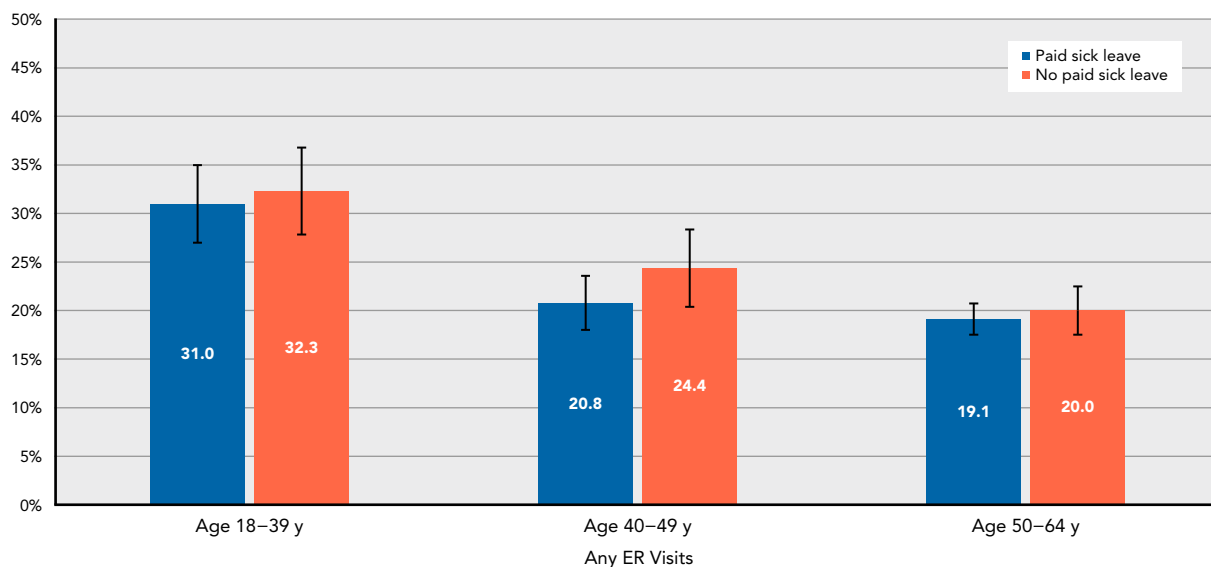
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**eFigure 1:** Adjusted Percentages of Any Emergency Department Visits in the Past 12 Months Among Working Cancer Survivors With and Without Paid Sick Leave in the United States

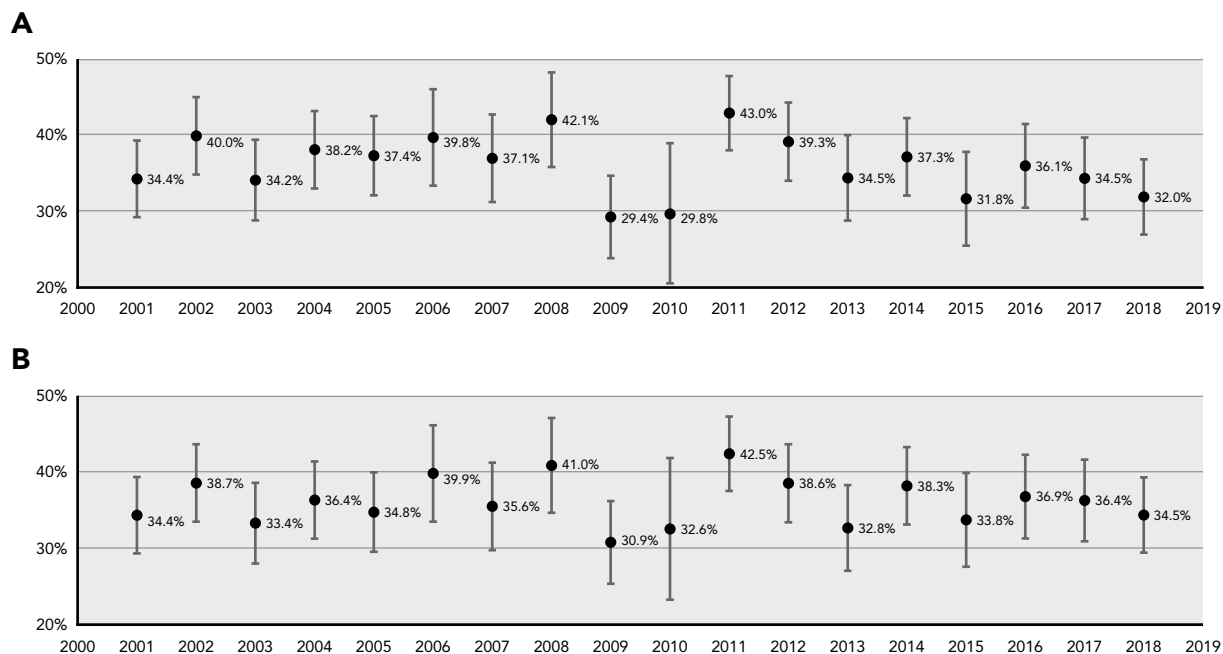
**eFigure 2:** Unadjusted and Adjusted Percentages of Working Cancer Survivors Without Paid Sick Leave by Survey Year

**eTable 1:** National Health Interview Survey Measures

**eTable 2:** 2018 US Working Population Wages by Occupation and Industry



**Figure 1.** Adjusted percentages of any ED visits (2001–2018 NHIS, stratified by age group: 18–39 years, n=1,584; 40–49 years, n=1,929; and 50–64 years, n=4,482) in the past 12 months among working cancer survivors with and without paid sick leave in the United States. The analysis adjusted for age at time of the survey, sex, race/ethnicity, educational attainment, marital status, number of comorbid conditions, health insurance coverage, time since cancer diagnosis, number of cancer diagnosis, survey year, and region. Black bars represent 95% confidence intervals. Abbreviations: ED, emergency department; NHIS, National Health Interview Survey.



**Figure 2. (A)** Unadjusted and **(B)** adjusted percentages of working cancer survivors without paid sick leave by survey year. The adjusted analysis controlled for age at time of the survey, sex, race/ethnicity, educational attainment, marital status, number of comorbid conditions, health insurance coverage, time since cancer diagnosis, number of cancer diagnoses, and region. There were no statistically significant linear trends from either unadjusted analysis ( $P=.078$ ) and adjusted regression analysis ( $P=.866$ ). Black bars represent 95% confidence intervals.

eTable 1. NHIS Measures						
Measures		Universe	NHIS Question	Time Frame	Years of Availability	
Main exposures	Job and employment related measures	Employment status last week	Sample adults aged $\geq 18$ y	Corrected employment status last week <ul style="list-style-type: none"> <li>• Working for pay at a job or business</li> <li>• With a job or business but not at work</li> <li>• Looking for work</li> <li>• Working, but not for pay, at a family-owned job or business</li> <li>• Not working at a job or business and not looking for work</li> </ul>	Past week	2001–2018
		Job categories	Sample adults aged $\geq 18$ y who were working last week	Which of these best describes the job you held most recently? <ul style="list-style-type: none"> <li>• Employee of a private company for wages</li> <li>• A federal government employee</li> <li>• A state government employee</li> <li>• A local government employee</li> <li>• Self-employed in own business, professional practice, or farm</li> <li>• Working without pay in a family-owned business or farm</li> </ul>	Past week	
				How many hours did the respondent work last week at all jobs or businesses? Response: 1–94 hours or $\geq 95$ hours		
				How many people work at this location (both full-time and part-time workers)? Please include yourself. <ul style="list-style-type: none"> <li>• 1 employee</li> <li>• 2–9 employees</li> <li>• 10–24 employees</li> <li>• 25–49 employees</li> <li>• 50–99 employees</li> <li>• 100–249 employees</li> <li>• 250–499 employees</li> <li>• 500–999 employees</li> <li>• <math>\geq 1,000</math> employees</li> </ul>		
				Occupation: <a href="https://www.bls.gov/cps/cenocc2010.htm">https://www.bls.gov/cps/cenocc2010.htm</a> , major occupational groups and detailed occupations, as determined by the US Census Bureau and the Bureau of Labor Statistics		
	Industry: <a href="https://www.bls.gov/cps/cenind2012.htm">https://www.bls.gov/cps/cenind2012.htm</a> ; major industry groups and detailed industries, as identified by the US Census Bureau and the Bureau of Labor Statistics	NA				
Paid sick leave	Paid sick leave status from the main job	Sample adults aged $\geq 18$ y who were working last week	Do you have paid sick leave on the main job or business? Response category: Yes or No	Past week	2001–2018	
Healthcare utilization	ED use	Any ED use	Sample adults aged $\geq 18$ y	During the past 12 months, how many times have you gone to a hospital emergency room about your own health? (This includes ED visits that resulted in a hospital admission.)	Past 12 months	2001–2018
	Preventive services	Influenza vaccine		During the past 12 months, have you had a flu vaccination? A flu vaccination is usually given in the fall and protects against influenza for the flu season.		2001–2018
		Blood pressure screening		During the past 12 months, have you had your blood pressure checked by a doctor, nurse, or other health professional?		2001–2018
		Cholesterol screening		During the past 12 months, have you had your blood cholesterol checked by a doctor, nurse, or other health professional? (Note: participants consist of all males aged $\geq 35$ years; males aged 20–34 years and females aged $\geq 20$ years if with history of heart disease or its known risk factors [ie, smoking, diabetes, high blood pressure, and obesity])		2003, 2008, 2011–2018

Abbreviations: ED, emergency department; NA, not applicable; NHIS, National Health Interview Survey.

**eTable 2. 2018 US Working Population Wage Estimates<sup>a</sup> by Occupation and Industry**

	Median Hourly Wage	Mean Hourly Wage	Annual Mean Wage
<b>By occupation</b>			
Farming, fishing, and forestry <sup>b</sup>	\$12.20	\$14.49	\$30,140
Personal care and service	\$11.74	\$13.51	\$28,090
Construction and extraction	\$22.12	\$24.62	\$51,220
Food preparation/serving-related	\$11.09	\$12.30	\$25,580
Building, grounds cleaning, maintenance	\$12.91	\$14.43	\$30,020
Arts, design, entertainment, sports, and media	\$23.70	\$28.74	\$59,780
Sales and related	\$13.55	\$20.09	\$41,790
Transportation and material moving	\$15.74	\$18.41	\$38,290
Healthcare support	\$14.30	\$15.57	\$32,380
Production	\$16.86	\$18.84	\$39,190
Installation, maintenance, and repair	\$21.89	\$23.54	\$48,960
Legal	\$38.85	\$52.25	\$108,690
Business and financial operations	\$32.86	\$36.98	\$76,910
Office and administrative support	\$17.19	\$18.75	\$38,990
Management	\$50.11	\$58.44	\$121,560
Healthcare practitioners and technical	\$31.94	\$39.42	\$82,000
Community and social services	\$21.62	\$23.69	\$49,280
Life, physical, and social science	\$31.77	\$36.62	\$76,160
Education, training, and library	\$23.89	\$27.22	\$56,620
Computer and mathematical	\$41.51	\$44.01	\$91,530
Architecture and engineering	\$38.55	\$42.01	\$87,370
Protective service	\$19.54	\$23.36	\$48,580
<b>By industry</b>			
Agriculture, forestry, fishing, and hunting	\$12.26	\$15.53	\$32,300
Accommodation and food services	\$11.12	\$12.93	\$26,890
Administrative/Support and waste management/remediation services	\$14.84	\$19.43	\$40,410
Construction	\$22.73	\$26.58	\$55,290
Other services (except public administration)	\$15.59	\$20.53	\$42,700
Real estate and rental/leasing	\$18.41	\$23.85	\$49,610
Arts, entertainment, and recreation	\$13.19	\$18.18	\$37,810
Retail trade	\$12.40	\$16.21	\$33,720
Professional, scientific, and technical services	\$32.32	\$40.08	\$83,370
Wholesale trade	\$21.07	\$27.75	\$57,720
Transportation and warehousing	\$20.17	\$23.54	\$48,960
Manufacturing	\$19.88	\$25.49	\$53,020
Healthcare and social assistance	\$18.56	\$25.97	\$54,020
Information industries	\$30.49	\$37.01	\$76,990
Education services	\$23.48	\$27.26	\$56,710
Management of companies and enterprises <sup>b</sup>	\$33.18	\$41.07	\$85,430
Mining <sup>b</sup>	\$25.04	\$31.11	\$64,710
Finance and insurance	\$25.89	\$35.18	\$73,170
Utilities <sup>b</sup>	\$36.49	\$38.12	\$79,290
Public administration	\$24.49	\$28.06	\$58,360

<sup>a</sup>Obtained from the US Bureau of Labor Statistics website (<https://www.bls.gov/oes/tables.htm>). Moreover, these wages were for all of the working population in the United States, and were used as a proxy for level of pay among working cancer survivors ages 18–64 y in our sample.