

Additional file 2

Detailed NIOSH Worker-Well-being Survey Results

Supplemental Table 1. Work evaluation and experience				
	Total	Low physical demands	High physical demands	P-val
Job Satisfaction (1-4)	3.56 (0.71)	3.67 (0.63)	3.13 (0.83)	0.008
Wage Satisfaction (1-4)	3.21 (0.77)	3.37 (0.62)	2.60 (0.99)	<0.001
Benefits Satisfaction (1-4)	3.53 (0.66)	3.55 (0.60)	3.46 (0.88)	0.682
Advancement Satisfaction (1-4)	3.05 (0.88)	3.10 (0.87)	2.87 (0.92)	0.357
Supervisor support (1-4)	3.59 (0.84)	3.62 (0.82)	3.47 (0.92)	0.520
Co-worker support (1-4)	3.62 (0.62)	3.69 (0.61)	3.40 (0.63)	0.116
Job security (1-4)	3.30 (0.83)	3.34 (0.87)	3.13 (0.64)	0.382
Autonomy (1-4)	3.41 (0.85)	3.52 (0.75)	3.00 (1.07)	0.034
Work overload (1-4)	2.38 (0.97)	2.29 (0.92)	2.73 (1.10)	0.117
Meaningful work (1-4)	3.47 (0.67)	3.45 (0.68)	3.57 (0.65)	0.549
Work-related positive affect (1-7)	5.27 (1.02)	5.30 (0.89)	5.18 (1.46)	0.702
Work-related negative affect (1-7)	2.50 (1.05)	2.32 (0.82)	3.20 (1.51)	0.003
Work-related fatigue (1-7)	4.25 (1.79)	4.40 (1.72)	3.67 (1.99)	0.160
Job engagement (1-7)	5.13 (1.12)	5.18 (1.10)	4.93 (1.23)	0.454

Supplemental Table 2. Workplace policies and culture				
	Total	Low physical demands	High physical demands	P-val
Supportive work culture (1-4)	3.50 (0.61)	3.53 (0.63)	3.39 (0.52)	0.435
Management trust (1-4)	3.42 (0.83)	3.42 (0.83)	3.43 (0.85)	0.967
Health culture at work (1-4)	3.40 (0.69)	3.43 (0.71)	3.29 (0.64)	0.500
Job benefits (1-14)	7.84 (3.93)	8.30 (3.71)	6.00 (4.38)	0.042
Work to non-work conflict (1-7)	3.33 (1.51)	3.32 (1.40)	3.36 (1.98)	0.938
Non-work to work conflict (1-7)	3.08 (1.38)	3.19 (1.33)	2.64 (1.55)	0.186
Workplace flexibility (1-4)	2.90 (1.02)	3.06 (0.98)	2.21 (0.91)	0.004

Supplemental Table 3. Workplace physical environment and safety climate				
	Total	Low physical demands	High physical demands	P-val
Overall workplace safety (1-4)	3.68 (0.60)	3.80 (0.48)	3.21 (0.80)	<0.001
Workplace safety climate (1-4)	3.49 (0.74)	3.62 (0.66)	3.11 (0.85)	0.026
Physical work environment satisfaction (1-4)	3.54 (0.56)	3.63 (0.48)	3.20 (0.75)	0.011
Discrimination (1-4)	1.21 (0.45)	1.19 (0.44)	1.29 (0.50)	0.491
Work-related sexual harassment				n/a
No	72 (100%)	58 (80.56%)	14 (19.44%)	
Yes	0 (0%)	0 (0%)	0 (0%)	
Work-related physical violence				0.004
No	70 (97.22%)	58 (82.86%)	12 (17.14%)	
Yes	2 (2.78%)	0 (0.00%)	2 (14.29%)	
Work-related bullying (0-1)	0.10 (0.28)	0.08 (0.25)	0.18 (0.37)	0.255

Supplemental Table 4. Health status				
	Total	Low physical demands	High physical demands	P-val
Overall health (1-5)	2.86 (1.03)	3.02 (0.97)	2.79 (0.89)	0.420
Days of poor physical health (0-30)	11.19 (11.14)	10.48 (10.92)	13.54 (11.18)	0.367
Chronic health conditions (1-7)	2.08 (1.48)	2.10 (1.41)	1.47 (1.19)	0.114
Insomnia (0 No 1 Past or Current)	0.30 (0.60)	0.31 (0.60)	0.07 (0.27)	0.151
Days of poor mental health (1-30)	5.59 (8.25)	5.00 (7.70)	2.62 (3.78)	0.283
Overall stress (1-7)	3.80 (1.52)	3.54 (1.36)	4.09 (1.46)	0.187
Physical activity (1-4)	2.57 (2.49)	2.65 (2.49)	3.04 (2.73)	0.613
Sleep hours				0.052
<= 6 hours	25 (34.25%)	16 (27.12%)	9 (64.29%)	
7 hours	27 (36.99%)	24 (40.68%)	3 (21.42%)	
8 hours	17 (23.29%)	16 (27.12%)	1 (7.14%)	
>= 9 hours	4 (5.48%)	3 (5.08%)	1 (7.14%)	
Sleepy at work (1-4)	2.54 (1.06)	2.63 (0.98)	2.38 (1.19)	0.441
Physical activity (0-7)	2.57 (2.49)	2.65 (2.49)	3.04 (2.73)	0.613
Cognitive functioning limitations (1-4)	1.72 (0.84)	1.72 (0.79)	1.64 (0.74)	0.728
Work limitations (1-4)	1.78 (1.07)	1.69 (0.96)	1.85 (1.34)	0.624
Productivity (1-7)	2.74 (1.38)	2.86 (1.32)	2.21 (1.33)	0.114
Work-related injury				<0.001
No injury	69 (95.83%)	59 (85.51%)	10 (76.92%)	
Injury	3 (4.17%)	0 (0.00%)	3 (23.08%)	

Injury consequence				0.041
No consequence	15 (88.24%)	11 (73.33%)	4 (26.67%)	
Require first aid or medical treatment, change in job activities, or lost time from work	2 (11.76%)	0 (0.00%)	2 (33.33%)	

Supplemental Table 5. Home, community and society				
	Total	Low physical demands	High physical demands	P-val
Life satisfaction (1-4)	3.28 (0.70)	3.34 (0.71)	3.00 (0.58)	0.113
Financial insecurity (1-4)	2.22 (0.84)	2.08 (0.81)	2.85 (0.69)	0.002
Support outside of work (1-4)	3.47 (0.73)	3.56 (0.70)	3.08 (0.76)	0.030
Activities outside of work (0 Never 1 Always)	4.16 (1.71)	4.33 (1.55)	3.47 (2.20)	0.081