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Work-related falls from ladders – a follow-back study of US emergency department cases [1]

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1 Appendix – Supplementary tables A–C

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Appendix: Supplemental tables A–C

Supplemental table A. Demographics and occupational characteristics of study population. [SEM=standard error of the mean; SOC=Standard occupational classification]

Characteristics	Total (N=306)	
	N	%
Age [a]		
<18	4	1.31
18-24	43	14.05
25-34	74	24.18
35-44	76	24.84
45-54	73	23.86
55-64	27	8.82
≥65	9	2.94
Gender		
Male	263	85.95
Female	43	14.05
Race/Ethnicity [b]		
White	203	71.48
Hispanic	34	11.11
Black	28	9.15
Other	3	0.98
Education [c]		
No high school	4	1.38
Some high school	39	13.49
High school graduate / GED	119	41.18
Some technical school	12	4.15
Technical school graduate	14	4.84
Some college	77	26.64
College graduate, post graduate, or professional degree	24	8.30
Occupation category (SOC) [d]		
Construction and extraction	119	39.67
Installation, maintenance, and repair	62	20.67
Sales and related	30	10.00
Management	20	6.67
Office and administrative support	18	6.00
Building, grounds cleaning and maintenance	12	4.00
Production	11	3.67
Art, design, entertainment, sports and media	6	2.00
Transportation and material moving	5	1.67
Food preparation and serving related	4	1.33
Farming, fishing, and forestry	4	1.33
Architecture and engineering	4	1.33
Education, training, and library	1	0.33
Healthcare support	1	0.33
Protective service	1	0.33
Life, physical, and social science	1	0.33
Business and financial operations	1	0.33
Food preparation and serving related	4	1.33
Total	300	100

[a] Age mean=38.8 (SEM 0.75); medium=39 (range 17–85).
[b] Race/ethnicity data missing for 22 subjects.
[c] Education data missing for 17 subjects.
[d] Occupational category missing for 6 subjects.

Supplemental table B. Job characteristics. [DK=don't know; RF=refused; NA=not available.]

Characteristics	Step/trestle (N=156)		Extension/ straight (N=123)		Rolling/ wheeled (N=27)		Total (N=306)	
	N	%	N	%	N	%	N	%
Job experience								
<1 year	39	25.32	34	28.33	4	14.81	77	25.58
1–3 years	37	24.03	27	22.50	9	33.33	73	24.25
4–9 years	30	19.48	22	18.33	6	22.22	58	19.27
≥10 years	48	31.73	37	30.83	8	29.63	93	30.90
Total missing=5	154	100	120	100	27	100	301	100
Ladder training								
Yes	57	37.01	36	31.30	13	48.15	106	35.81
No	97	62.99	79	68.70	14	51.85	190	64.19
Total missing=10	154	100	115	100	27	100	296	100
Company size [a]								
1–9	51	32.9	43	34.96	9	33.33	103	33.77
10–24	24	15.48	24	19.51	2	7.41	50	16.39
25–99	38	24.52	23	18.70	8	29.63	69	22.62
100–499	27	17.42	8	6.50	6	22.22	41	13.44
≥500	6	3.87	3	2.44	0	0.00	9	2.95
DK, RF	9	5.81	22	17.88	2	7.41	33	10.82
Total missing=1	155	100	123	100	27	100	305	100
Union membership								
Yes	19	12.26	6	4.88	3	11.11	28	9.18
No	132	85.16	103	83.74	24	88.89	25	84.92
NA	0	0.00	3	2.44	0	0.00	3	0.99
Refused	4	2.58	11	8.94	0	0.00	15	4.92
Total missing=1	155	100	123	100	27	100	305	100

[a] Number of employees.

Supplemental table C. Injury characteristics.

	Step/trestle (N=156)		Extension/ straight (N=123)		Rolling/ wheeled (N=27)		Total (N=306)	
	N	%	N	%	N	%	N	%
Body part [a]								
Arm/elbow/shoulder	33	21.16	30	24.39	3	11.11	66	21.64
Head/neck/face	29	18.59	16	12.00	7	25.92	52	17.05
Lower Trunk	28	17.95	13	10.57	1	3.70	42	13.77
Ankle/foot/toe	15	9.61	18	14.63	6	22.22	39	12.79
Leg/knee	18	11.54	13	10.57	7	25.92	38	12.46
Wrist/hand/finger	16	10.26	16	13.01	2	7.40	34	11.15
Upper trunk	15	9.62	16	13.01	1	3.70	32	10.49
All body parts	2	1.28	0	0.00	0	0.00	2	0.66
Diagnosis								
Fracture	46	29.49	38	30.89	3	11.11	87	28.43
Strain or sprain	37	23.72	26	21.14	17	62.96	80	26.14
Contusions, abrasions	39	25.00	30	24.39	3	11.11	72	23.53
Internal organ injury	10	6.41	8	6.50	2	7.41	20	6.54
Laceration	13	8.33	7	5.69	0	0.00	20	6.54
Concussions	3	1.92	3	2.44	2	7.41	8	2.61
Dislocation	2	1.28	1	0.81	0	0.00	3	0.98
Electric shock	2	1.28	0	0.00	0	0.00	2	0.65
Electrical burn	0	0.00	1	0.81	0	0.00	1	0.33
Nerve damage	0	0.00	1	0.81	0	0.00	1	0.33
Other/not stated [b]	4	2.56	8	6.50	0	0.00	12	3.92
Total	156	100	123	100	27	100	306	100

[a] One subject missing body part.
[b] Other includes back pain, pain, fall, shoulder pain, injury, not stated.