

Doing Their Best in the Woods
Initial Survey Results from Maine
Loggers' Health and Safety
Study

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INTRO

WHAT WE KNOW ABOUT US LOGGING
WORKERS:

- Fatality rates average 29 times all-worker rate¹
- Cost of AFF fatality is \$800K²

WHAT WE DON'T KNOW ABOUT NE US
LOGGING WORKERS:

- traumatic & non-traumatic injury trends
- occupational exposures
- general worker health

METHODS

Who: Maine loggers
What: Demographics; work history, role, hours,
and commute; worksite safety practices and
training; injuries and workers compensation;
healthcare access and use
Where and How: Survey via telephone and mail;
LLBean gift cards as incentives
When: Spring 2018 - May 2019

HIGHLIGHTS FROM RESULTS³

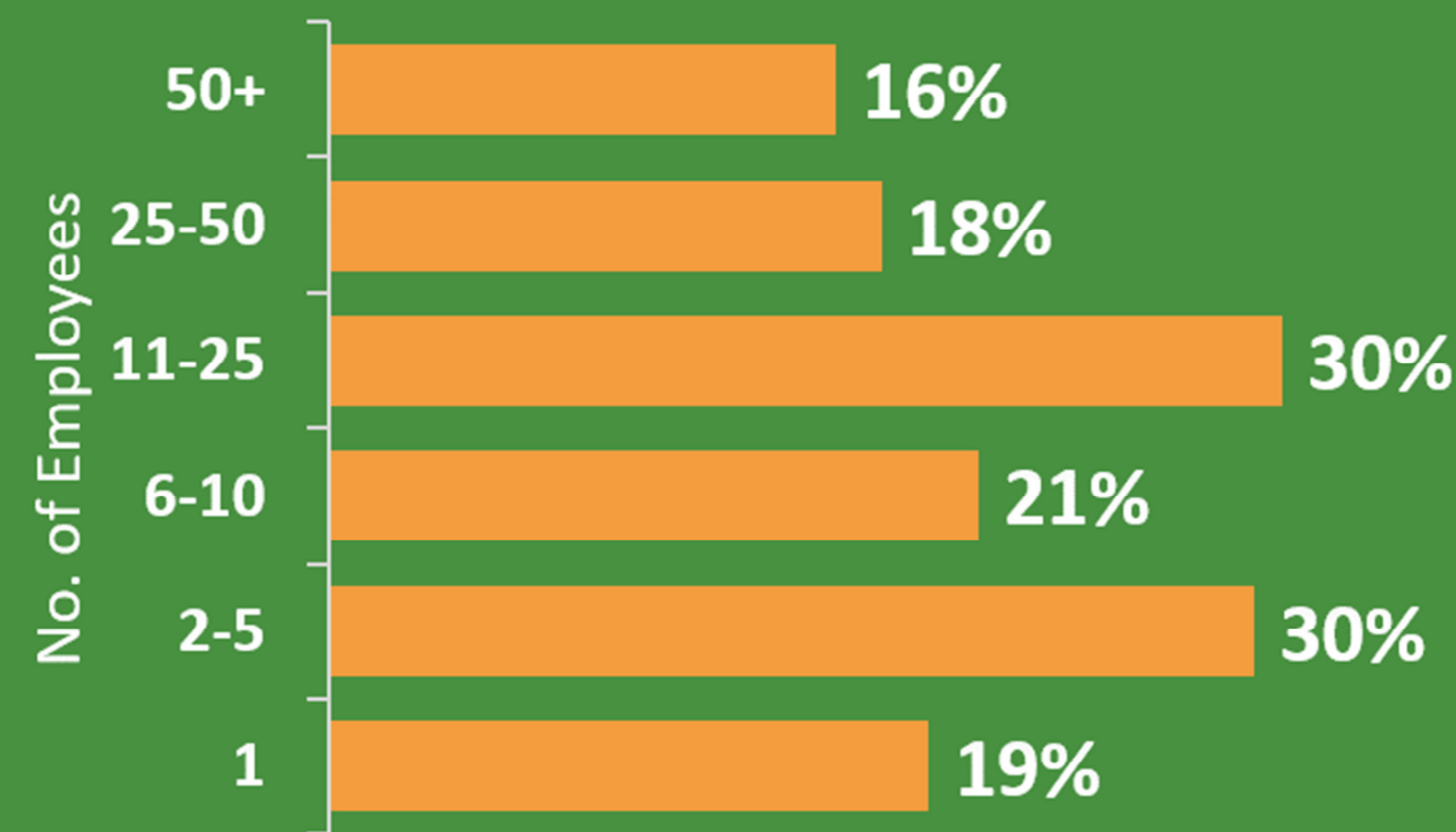
Measurement	Average	N
Age	48 years	343
Work years	25 years	338
Length of workday	11 hours	340
Length of commute	1 hour	337

Measurement	Percentage	N
Male	99.4	357
Had annual checkup past year	61.8	356
Had WR injury/illness past year	6.9	355
Have MSD pain	37.0	344
Don't have health insurance	23.2	354
Injured and filed WC claim ever	29.3	355
Injured not filed WC claim ever	22.5	356

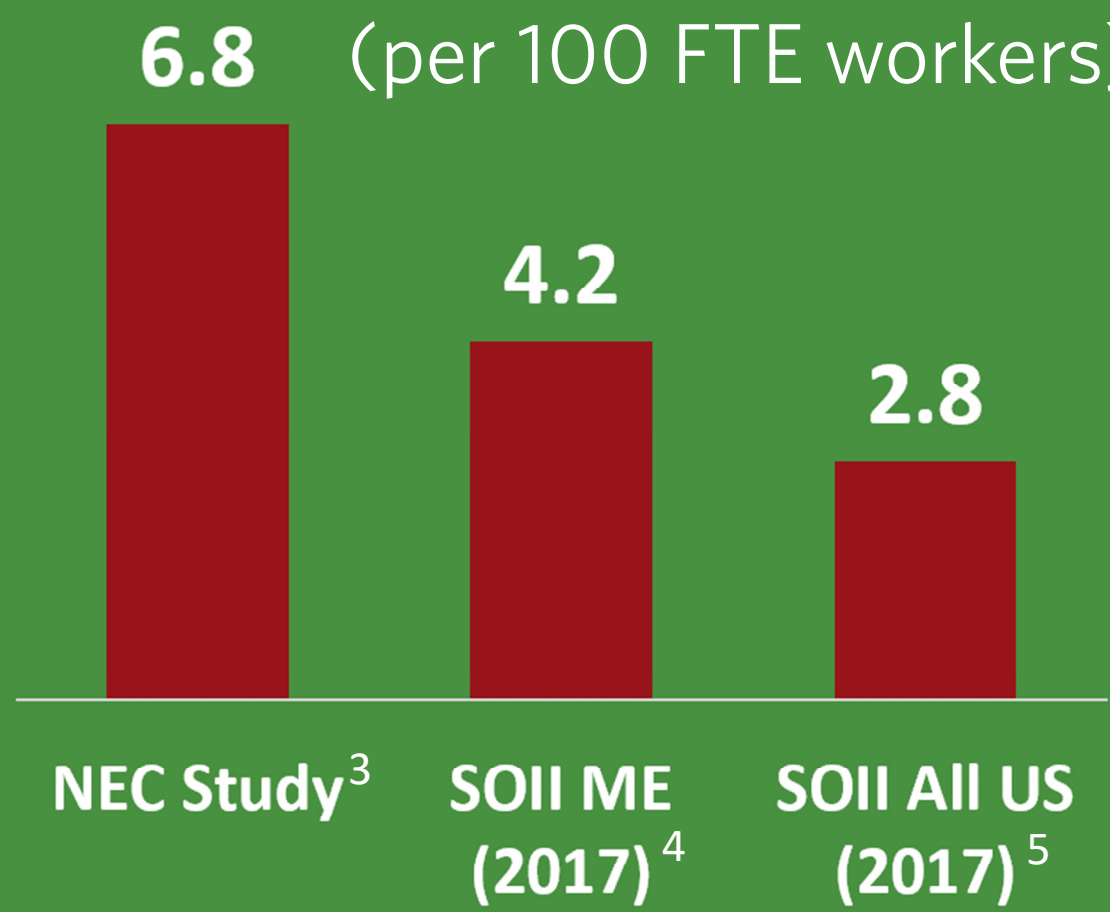
The typical Maine logger
is a 48-year-old male
with 20+ years experience,
who works long days with long commutes
to mechanized operations. MSDs, injury
rates, and health insurance are concerns.



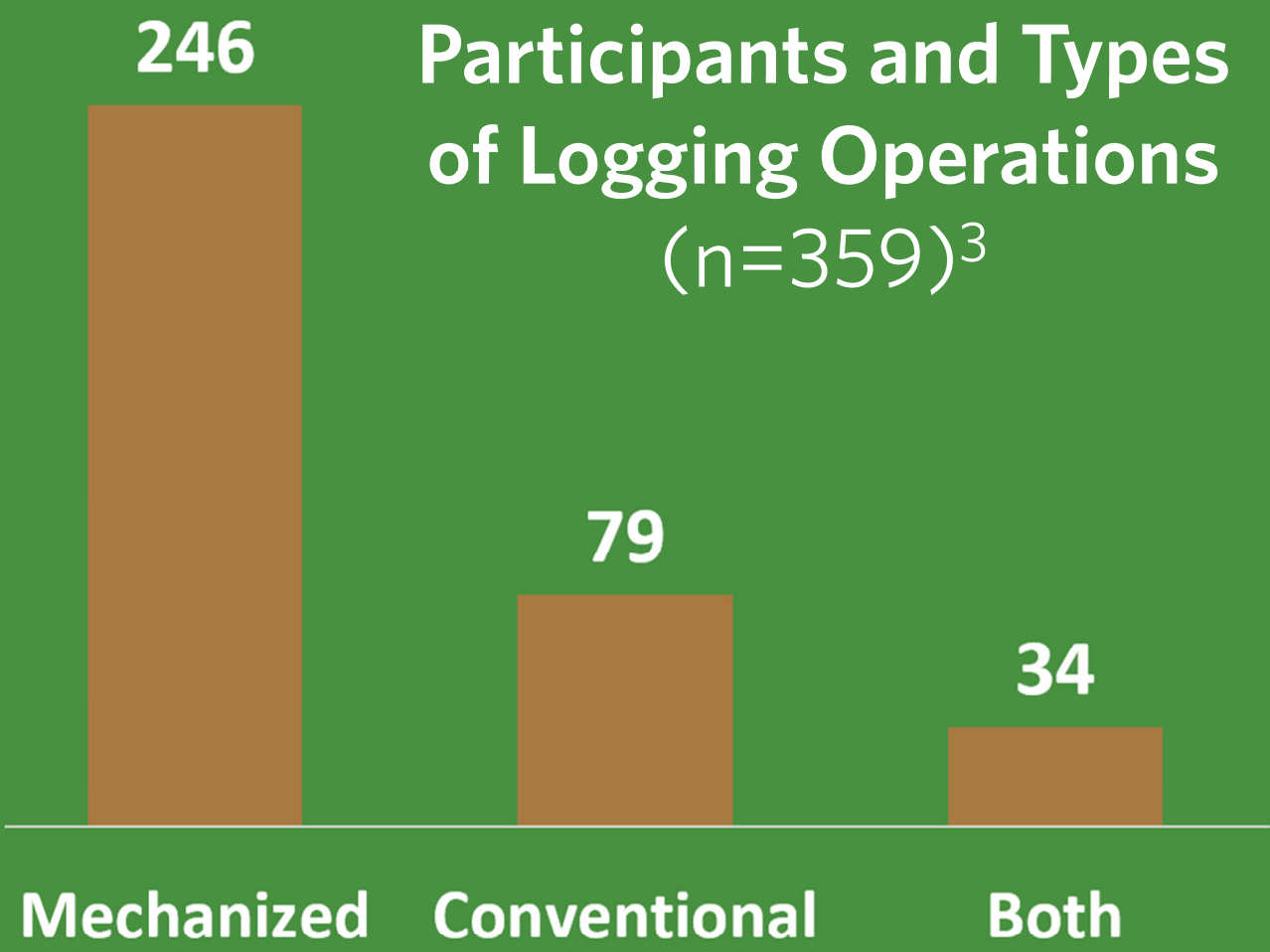
Participants Without Health Insurance
by Company Size (n=80)³



Injury Rates for Loggers
(per 100 FTE workers)³

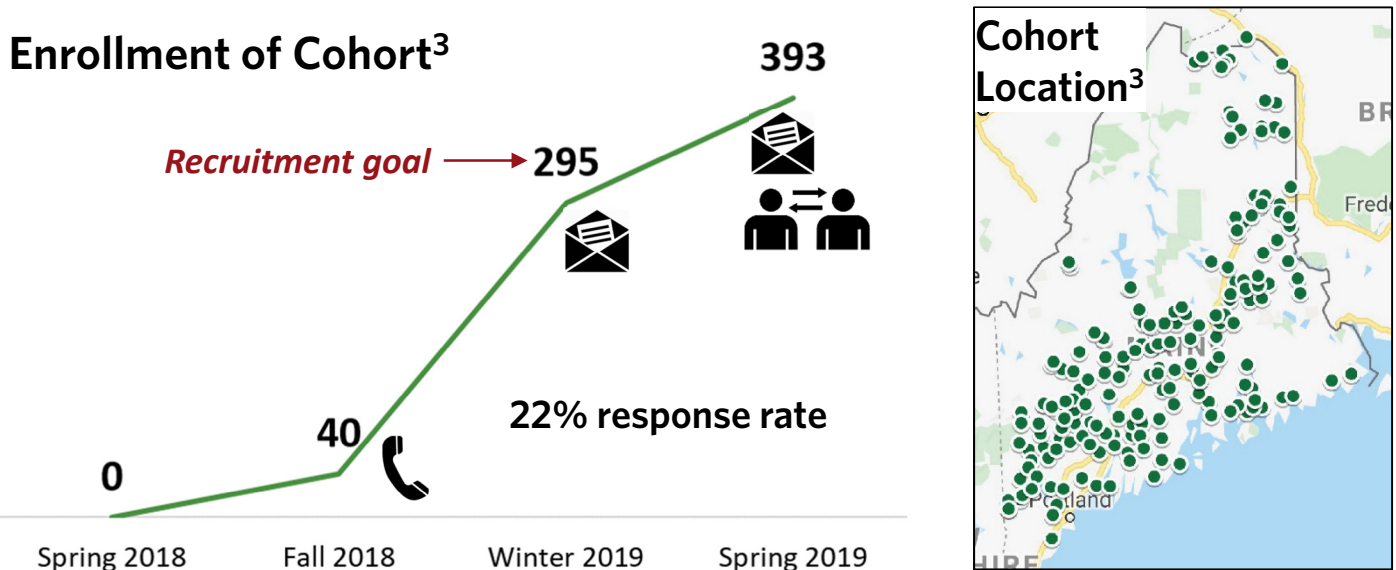


Participants and Types
of Logging Operations
(n=359)³



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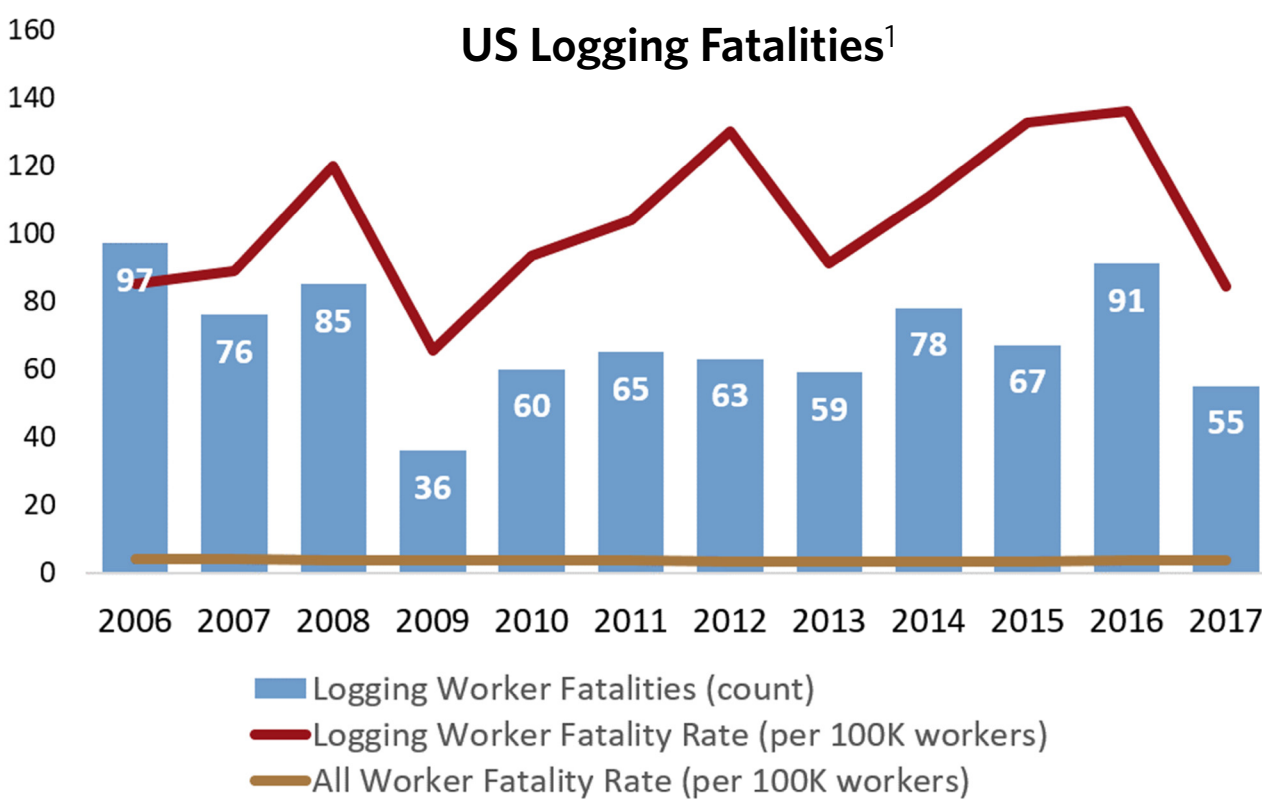
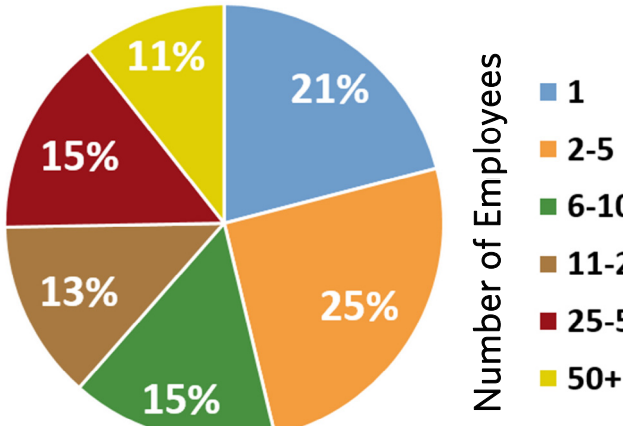
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Recruitment Exclusions³

Reason	Count
No response	1129
Bad contact info	116
Refused	87
No longer logging	21
Not logger	16
Not English speaking	9
Returned blank	3
Deceased	2
Conflict of interest	1
Total	1384

Distribution of Participants
by Company Size (n=348)³



LIMITATIONS

Cohort was not randomly selected. Participants were recruited from a mailing list of loggers who participate in safety trainings and are therefore potentially more safety conscious. As a result, the data may be an undercount of injuries.

REFERENCES

- U.S. Bureau of Labor Statistics, Current population survey, Census of Fatal Occupational Injuries, 2017-2018.
- Biddle EA. Is the societal burden of fatal occupational injury different among NORA industry sectors? *J. Safety Res.* 2013;44:7-16.
- Study data were collected and managed using REDCap electronic data capture tools hosted at Bassett Healthcare Network.
- U.S. Bureau of Labor Statistics, Rate of injury and illness cases per 100 full-time workers: Logging Industry, Maine, Survey of Occupational Injuries and Illnesses (SOII), 2017.
- U.S. Bureau of Labor Statistics, Rate of injury and illness cases per 100 full-time workers: Logging Industry, All US, Survey of Occupational Injuries and Illnesses (SOII), 2017.



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