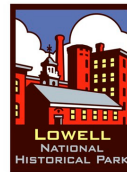


TSONGAS INDUSTRIAL HISTORY CENTER **IMPACT & ENGAGEMENT 2024 – 2025**



The Mission of the Tsongas Industrial History Center

is to use experiential learning and Lowell's resources to help learners explore the history and science of industrialization and its impacts, with the goal of sparking curiosity, critical thinking, inspiration, and action.



Engagement by the numbers*

24,514 Individual visits across all programs

1,034 Groups across all programs

20,032 Participation in field trips

Definitely the most effective component of our visit was the opportunity for hands-on learning through designing a solution to a real-world problem. Students worked cooperatively and were able to discuss their ideas... resulting in a richer learning experience.

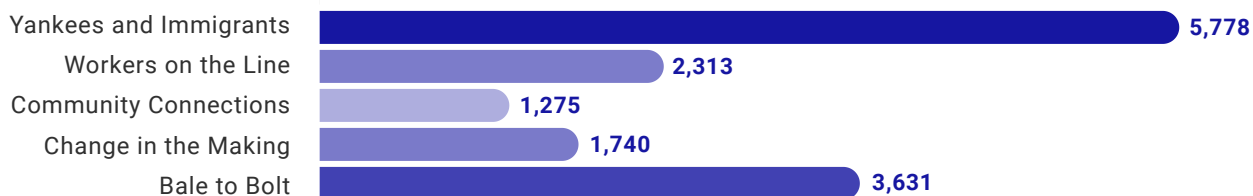
– Teacher

Field Trip Participation

STEM

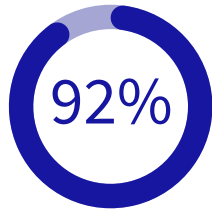


Social Studies



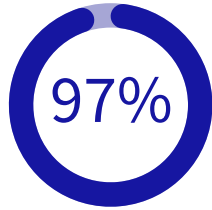
Field Trips

Of teachers who answered our survey:



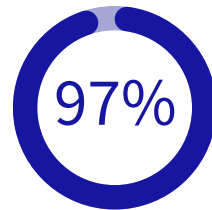
Relevance

92% agree or strongly agree that field trips are relevant to their curricular needs.



Satisfaction

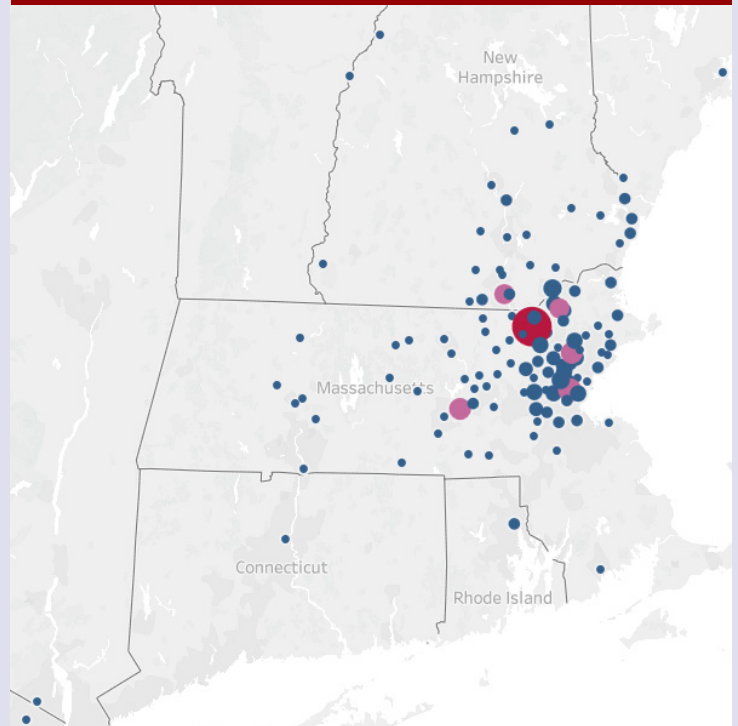
97% agree or strongly agree that programs met their expectations.



Learning

97% agree or strongly agree that programs impacted their group's learning.

Geographic Reach



**Students from 120 cities and towns
across 8 states visited the Center**

It reinforced and supplemented what we've been learning about the industrial revolution. The history came alive — very motivational and attitude changing.

– Teacher



Most Reported Impacts



Brought Learning to Life



Learning & Enjoyment



Deep Understanding of Content



Enhanced Classroom Learning



Sustained Engagement

Special Projects

The TIHC collaborates with university and community partners to advance knowledge, learning, and civic engagement.

SWIMMER

The TIHC partnered with Engineering professors Chris Hansen and Meg Sobkowicz-Klein on the NSF-funded Sustainable Water Innovations in Materials – Mentoring, Education and Research (SWIMMER) project, which trains graduate students across disciplines to transform the lifecycle of materials and their interaction with water ecosystems.

BIOINFORMATICS

The TIHC collaborated on a teacher professional development program in genomics and bioinformatics in partnership with Biology professor Freddy Chain, funded through a 3-year NSF CAREER Grant.

Dragonfly Mercury Project



The TIHC is part of the Merrimack Dragonfly Mercury Project, a community science initiative examining the present state and legacy of mercury pollution in NE waterways. Partners include the Appalachian Mountain Club, Lowell Parks and Conservation Trust, MCC Professor Lisa Lobel, Lowell High School, and other MA State Parks. TIHC supports youth engagement and archival research activities.



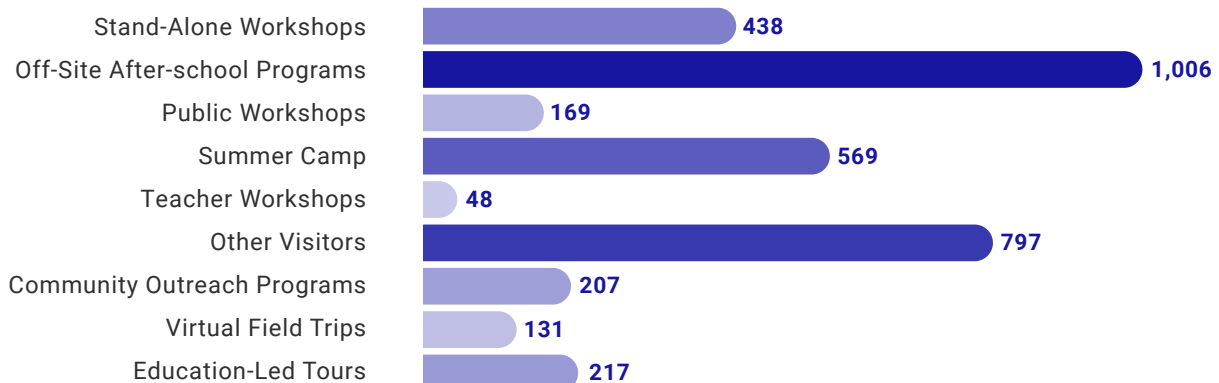
University Classes/Programs

- Labor Economics
- First Year Seminar in Honors (FYSH)
- Art & Design
- FHI Fellows
- UML Residential Summer Cohort
- Environmental Science

Department Meetings/Retreats

- Facilities
- Human Resources
- School of Education
- Manning School of Business
- UML Student Alumni Ambassadors

Participation in Non-Field Trip Programs*



* Participation counts reflect the number of individual visits, not unique visitors. If someone attends more than one day of a multi-day program or participates in multiple separate programs, they are counted each time they attend.