# ASME BYTHE NUMBERS

2024

# **ABOUT ASME**

The American Society of Mechanical Engineers® (ASME®) works in conjunction with the global engineering community to develop solutions to real world challenges facing all people and our planet. We actively enable inspired collaboration, knowledge sharing and skills development across all engineering disciplines throughout the world, while promoting the vital role of engineers in society.



# MISSION

ASME's mission is to advance engineering for the benefit of humanity.



# VISION

**ASME's vision** is to be the premier resource for the engineering community globally.

## GENERALINFORMATION



1880

Year ASME was established



75,000+

ASME Members, including Students and Early Career Engineers



19,000+

Student Members



8,000+

Early Career Engineer Members (including Graduate Students)



130+

Countries with ASME Members



Voting Members serving on the ASME Board



3//

**ASME Staff** 



5

U.S. Offices: New York, NY; Little Falls, NJ; Stamford, CT Washington DC; Houston, TX



2

International
Representative Offices:
Beijing, China;
New Delhi, India

100+

~60%

#### STANDARDS & CERTIFICATION

#### CODES & STANDARDS

Year first standard published 1884

Standards 570

Standards Committees 67

Volunteers , including International Volunteers 6,400+

#### ASME STANDARDS TECHNOLOGY, LLC

**Active Projects** 

Standards Technology Publications 99

Lifetime Projects 213

12

#### LEARNING & DEVELOPMENT

Courses offered in technical and non-technical subjects 120

Virtual Classroom Courses conducted in 2022

Countries with ASME Learners 95

Individuals Trained Annually 10,00+

# BOILER & PRESSURE VESSEL CODE

First edition of the Boiler and Pressure

Vessel Code (BPVC) issued 1914

Certifications outside of the

BPVC Books/Estimated Number

**Countries using the BPVC** 

**United States** 

of Pages 32/19,500+

#### CONFORMITY ASSESSMENT

Certified Companies 7,002

Certificates 11,731

Countries with Certified Companies 79

Certified Individuals 2,095



# ASME BYTHE NUMBERS

#### GROUPS AND EVENTS

Technical Divisions / Research Committees	36
Professional Sections	159
Countries with Professional Sections	28
Section Activities	130
Section Activity Participants	3,700+
Student Sections	660
Countries with Student Sections	38
Volunteers working with Sections	1,600+
Enterprise-wide Events	30
Industry Events and Conferences Conducted Annually	50
Countries Represented at Conferences	74
Volunteers working with Technical Divisions & Committees	2,000+
Active Content Contributors Annually	34,500+
Women in Engineering Events	6

#### PUBLISHING

Technical Papers in Digital Collection	379,651
Technical Pages in Digital Collection 3,3	218,128
Conference Proceedings Published Annually (116 volumes, 5,634 papers; 50,944 pages)	22
Books available in the ASME.org web catalog	311
eBooks (43,409 chapters, 627,320 pages)	2,231
Journal Titles (245 issues published in 2023)	35
Mechanical Engineering Magazine Volumes Published	145
ME Magazine Readership	63,000
Video installments published on ASME.org	481
Featured articles published on ASME.org	2,750
Podcast episodes of ASME TechCast	125

### SOCIAL MEDIA

277	7,481
ACM	E Dogo

**Followers** 

**LGBTQ+ Pride Events** 









ASME Page Followers

ASME Followers ASME Followers

23,000

ASME Subscribers

17,100

#### PROGRAMS

GOVERNMENT RELATIONS	
Congressional Briefings Held in FY2022-2023	4
Position Statements Issued	14
ASME Federal Government Fellows Sponsored in the Executive and Legislative Branch	4
ENGINEERING EDUCATION	
ME/MET Degree Programs in 29 countries under ASME lead responsibility in Accreditation Board for Engineering and Technology (ABET)	00
Years of the Annual International Mechanical Engineering Education Leadership Summit for ME Department Heads and Leaders in Mechanical Engineering Education	35
ENGINEERING FOR SUSTAINABLE DEVELOPMENT AT AS	SME
Members of Engineering for Change (E4C) 65,70	0+
E4C Community, including Social Media followers	1 M
E4C Fellows (from 40+ countries)	272
Innovation Showcase (ISHOW) social ventures accelerated	231
Countries benefitted from ISHOW social ventures	36
PHILANTHROPY	
Total value of 152 scholarships offered by the ASME Foundation, with 55% provided to students from underrepresented groups \$587,00	0+
Number of donations received from individuals, corporations, foundations and other organizations to support ASME's philanthropic programs 5,4	138
Percentage of E4C Research Fellows who are women, reflecting progress in our efforts to increase diversity, equity, and inclusion across the engineering community	40
HONORS AND AWARDS	
Society Level Awards in FY2023	85

New Fellows Named Annually

100+

#### STUDENT OUTREACH

► ASME Engineering Festivals® (ASME E-Fests®) in Academic Year 2022-2023		
ASME Engineering Festivals® (ASME E-Fests®) events	1	
ASME EFx® events	7	
Participants in the Old Guard Oral Presentation Competition	23	
Participants in the Elevator Pitch Competition	96	
Participating Students in ASME E-Fest®	2,167	
Participating Students in ASME EFx®	976	
Countries Hosting an ASME EFx® Event	5	
▶ ASME K-12 Programs		
K-12 students reached by ASME STEM education programming since 2014	320,000+	

Faiticipating Students in ASME EFX	370
Countries Hosting an ASME EFx® Event	5
▶ ASME K-12 Programs	
K-12 students reached by ASME STEM education programming since 2014	620,000+
K-12 students in the US and Canada who have engaged with digital content via	o
Engineering Dreams in academic year 2023-2024	70,000+
ASME INSPIRE students attending Title 1 qualified schools	71%
K-12 students reached are BIPOC (Black Indigenous, People of Color)	,
underrepresented STEM	58%
ASME DropMEIn! classroom visit events (virtual and in person)	85+
K-12 students reached during virtual classroom visits (virtual and in person)	2,000+



# CONTACTINFORMATION

#### ASME - NEW YORK OFFICE

Two Park Avenue

6th Floor

New York, NY 10016-5990 U.S.A.

Main: 212-591-7000 Fax: 212-591-7674 E-mail: info@asme.org

www.asme.org

#### ASME - NEW JERSEY OFFICE

150 Clove Road

6th Floor

Little Falls, NJ 07424-2139 U.S.A.

Main: 973-244-2300 Fax: 973-882-5155 E-mail: info@asme.org www.asme.org

#### ASME - Connecticut Office

1266 E. Main Street

Suite 700-R

Stamford, CT 06902 U.S.A. US/Canada: 800-243-2763 Email: CustomerCare@asme.org

www.asme.org

#### ASME - CUSTOMER CARE

1-800-843-2763 (U.S., Canada, and Mexico)

+646-616-3100 (Global Direct)
Main Fax: 973-882-5155
Membership Fax: 973-882-1717

E-mail: CustomerCare@asme.org www.asme.org

### ASME - WASHINGTON, D.C. OFFICE

1828 L Street, NW

Suite 510

Washington, D.C. 20036-5104 U.S.A.

Main: 212-591-7000 Fax: 202-429-9417 E-mail: info@asme.org www.asme.org

#### ASME - HOUSTON OFFICE

11757 Katy Freeway

Suite #1500

Houston, TX 77079-1733 U.S.A.

Main: 281-493-3491 or 1-866-276-3738

E-mail: info@asme.org www.asme.org

#### ASME - CHINA OFFICE

ASME Asia Pacific, LLC

Suite EF02, East Tower

Twin Towers

No. B12, Jianguomenwai Avenue

Chaoyang District
Beijing 100022 China
Main: +86-10-5109-6032
Fax: +86-10-5109-6039
E-mail: info-china@asme.org

www.asme.org

#### ASME - INDIA OFFICE

ASME India PVT LTD 335, Udyog Vihar, Phase-IV

Gurgaon-122 015 (Haryana)

India

Main: +91-124-430-8411; +91-124-435-6440

Fax: +91-124-430-8207 E-mail: info-india@asme.org

www.asme.org

### ASME - FOUNDATION

Two Park Avenue

7th Floor

New York, NY 10016-5990 U.S.A.

Main: 212-591-8040 Fax: 212-591-7674

E-mail: info@asmefoundation.org www.asmefoundation.org



For additional information, please send us an email at <a href="mailto:info@asme.org">info@asme.org</a>

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