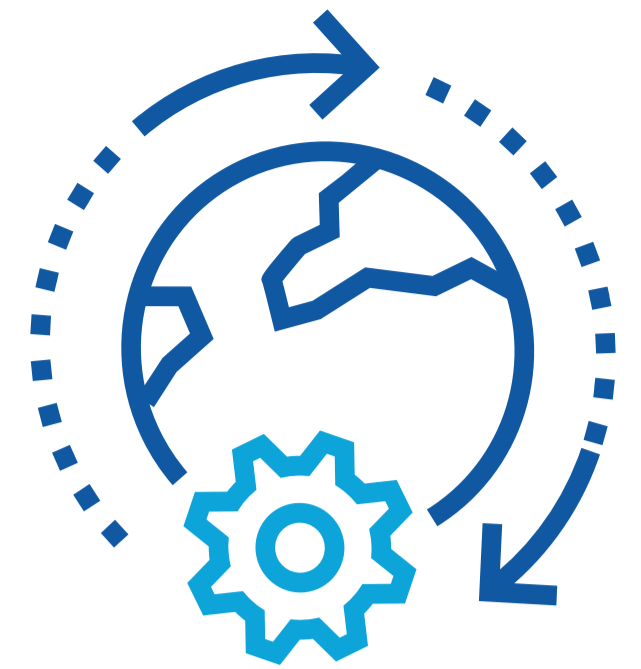


# ASME® BY THE NUMBERS 2021

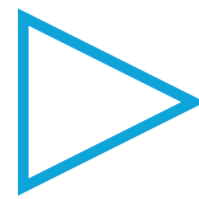
## ABOUT ASME

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 the engineer 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.



## GENERAL INFORMATION



1880

Year ASME was established



90,000+

ASME Members, including Students and Early Career Engineers



23,000+

Student Members



15,000+

Early Career Engineer Members (including Graduate Students)



135+

Countries with ASME Members



12

Voting Members serving on the ASME Board of Governors



350+

ASME Staff



4

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



2

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

### STANDARDS & CERTIFICATION

#### CODES & STANDARDS

Year first standard published	1884
Standards	566
Committees	67
Volunteers, including International Volunteers	6,030+

#### ASME STANDARDS TECHNOLOGY, LLC

Standards Technology Publications	89
Active Projects	18
Lifetime Projects	179

### LEARNING & DEVELOPMENT

Technical Courses & MasterClasses offered yearly	150
Virtual Classroom Courses conducted in 2020	87
Countries with ASME Learners	75
Individual Training Annually	6,000+

### BOILER & PRESSURE VESSEL CODE

First edition of the Boiler and Pressure Vessel Code (BPVC) issued	1914
Countries using the BPVC	100+
Certifications outside of the United States	57%
BPVC Books/Estimated Number of Pages	31/19,000

### CONFORMITY ASSESSMENT

Accreditation Programs	2
Product Certification Programs	4
Management System Certification Programs	3
Certified Companies	6,938
Certificates	11,768
Countries with Certified Companies	81
Personnel Certification Programs	4
Certified Individuals	2,256

## GROUPS AND EVENTS

Technical Divisions	36
Professional Sections	156
Countries with Professional Sections	26
Student Sections	816
Countries with Student Sections	52
Enterprise-wide Events	66
Industry Events and Conferences Conducted Annually	25
Countries Represented at Conferences	115
Active Volunteer Leaders	3,700+
Active Content Contributors Annually	35,000+
Women in Engineering Events	11
LGBTQ+ Pride Events	3

## PUBLISHING

Technical Papers in Digital Collection	269,306
Technical Pages in Digital Collection	2,079,345
Conference Proceedings Published Annually (70-100 volumes, 7,000-10,000 papers; 70,000-100,000 pages)	25-30
Books available in the ASME.org web catalog	300
eBooks (8,000 chapters, ~80,000 pages)	250
Journal Titles (242 issues annually)	33
Mechanical Engineering Magazine Volumes Published	143
ME Magazine Readership	103,000
Video installments published on ASME.org	415
Featured articles published on ASME.org	2,013
Podcast episodes of ASME TechCast	45

## SOCIAL MEDIA



264,750

ASME Page Followers



137,500

ASME Page Followers



28,900

ASME Followers



9,260

ASME Followers



4,800

ASME Subscribers

## PROGRAMS

### GOVERNMENT RELATIONS

Congressional Briefings Held in 2020	6
Position Statements Issued Annually	25
ASME Federal Government Fellows Sponsored in the Executive and Legislative Branch Annually	4-8

### ENGINEERING EDUCATION

ME/MET Degree Programs in 20 countries under ASME lead responsibility in Accreditation Board for Engineering and Technology (ABET)	578
Years of the Annual International Mechanical Engineering Education Leadership Summit for ME Department Heads and Leaders in Mechanical Engineering Education	32

### ENGINEERING FOR CHANGE

Members of Engineering for Change (E4C)	43,500+
E4C Community, including Social Media followers	1.1M
E4C Research Fellows	86
Innovation Showcase (ISHOW) events in FY2020 (India, Kenya, USA)	3
ISHOW Bootcamp event in FY2020	1

### PHILANTHROPY

Individual Donors who Made Gifts to the ASME Foundation in FY2020	5,417
Donations Received by the ASME Foundation in FY2020	6,778
Scholarships Awarded by the ASME Foundation in FY2020	\$306,000

### HONORS AND AWARDS

Society Level Awards in FY2020	68
Awards Given by Divisions and Sections in FY2020	352
New Fellows Named Annually	100+

### STUDENT OUTREACH

#### ASME Engineering Festivals® (ASME E-Fests®) in 2020

ASME Engineering Festivals® (ASME E-Fests®) events	3
ASME EFx® events	19
Participating Student Design Competition Teams	29
Participating Human Powered Vehicle Challenge Teams	82
Participating Innovative Additive Manufacturing 3D Challenge (IAM3D™) Teams	29
Participants in the Old Guard Oral Presentation Competition	49
Participants in the Old Guard Technical Poster Competition	11
Participants in the Elevator Pitch Competition	22
Participating Students in ASME E-Fest®	3,256
Participating Students in ASME EFx®	4,162
Countries Hosting an ASME EFx® Event	6

#### ASME INSPIRE

K-12 students reached by ASME STEM education programming since 2014	480K+
K-12 students in the US and Canada who have accessed digital content in academic year 2020-2021	133,000+
ASME INSPIRE students attending Title 1 qualified schools	77%
Female ASME INSPIRE Students	47%
K-12 students reached are BIPOC (Black, Indigenous, People of Color) underrepresented STEM	58%

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