ASME

2022

ABOUT ASME

The American Society of Mechanical Engineers (ASME) works with the global engineering community to develop solutions to real world challenges facing all people globally. 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.



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



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













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





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

STANDARDS & CERTIFICATION

CODES & STANDARDS Year first standard published 884 **Standards** 566 **Committees** Volunteers, including 6,200+**International Volunteers**

ASME STANDARDS TECHNOLOGY, LLC

Standards Teo	chnology Publicatio <mark>ns</mark>	5
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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	32/19,500

CONFORMITY ASSESSMENT



4





Q 4

93

85

83

Completed Projects

LEARNING & DEVELOPMENT

Courses offered in technical and non-technical subjects



Virtual Classroom Courses conducted in 2021

Countries with ASME Learners

Individuals Trained Annually



Programs	
Certified Companies	6,94
Certificates	11,76
Countries with Certified Companies	
Certified Individuals	2,2



ASME BYTHE NUMBERS

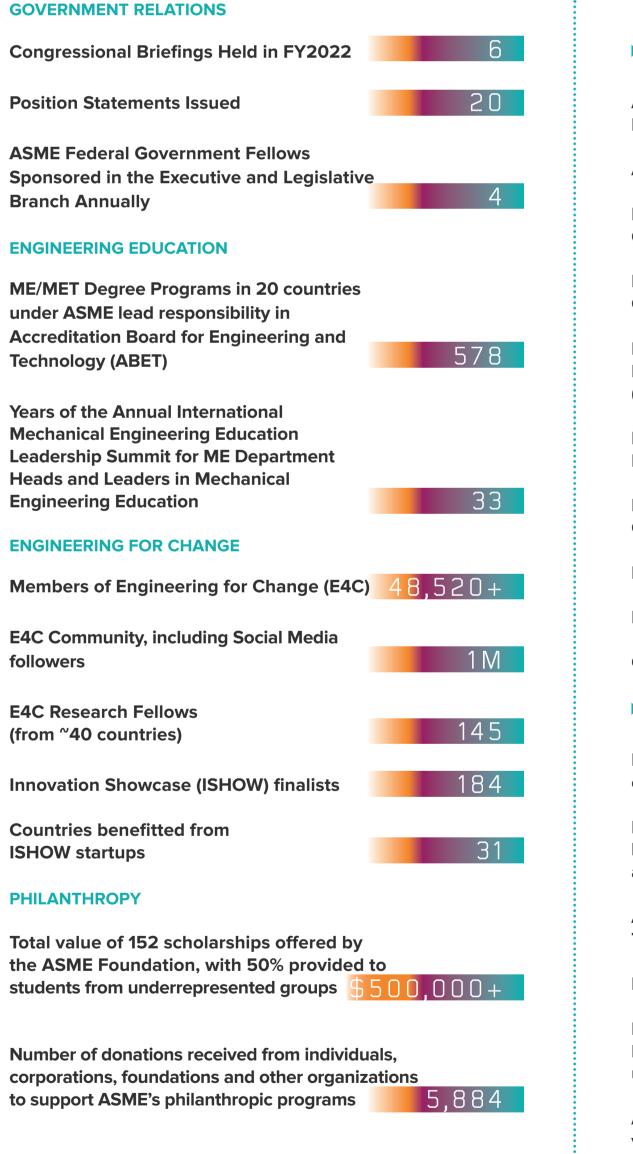
GROUPS AND EVENTS



PUBLISHING

Technical Papers in Digital Collection 293,451		
Technical Pages in Digital Collection 2,278,326		
Conference Proceedings Published Annually 25 – 30 (80-100 volumes, 5,000-8,000 papers; 50,000-80,000 pages)		
Books available in the ASME.org web cat <mark>alog 300</mark>		
eBooks (9,000 chapters, ~100,000 pages) 270		
Journal Titles (242 issues published in 2020)		
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		

PROGRAMS



STUDENT OUTREACH

► ASME Engineering Festivals® (ASME E-Fests®) in 2021

ASME Engineering Festivals® (ASME	1			
E-Fests [®]) events	2			
ASME EFx [®] events	5			
Participating Student Design				
Competition Teams	36			
Participating Human Powered Vehicle Challenge Teams	e 84			
Participating Innovative Additive Manufacturing 3D Challenge				
(IAM3D [™]) Teams	23			
Participants in the Old Guard Oral	21			
Presentation Competition				
Participants in the Elevator Pitch Competition	16			
Participating Students in ASME E-Fes	t® 2,595			
Participating Students in ASME EFx®	775			
Countries Hosting an ASME EFx® Event 5				
ASME INSPIRE				
K-12 students reached by ASME STE				
education programming since 2014 $550,000+$				
K-12 students in the US and Canada who have accessed digital content in				
academic year 2021-2022	270,000+			
ASME INSPIRE students attending				
Title 1 qualified schools	80%			
Female ASME INSPIRE Students	46%			
K-12 students reached are BIPOC (Black, Indigenous, People of Color)				
underrepresented STEM	61%			
ASME DropMEIn! virtual classroom				
visit events	60+			

Percentage of E4C Research Fellows who are women, reflecting progress in our efforts to increase diversity, equity, and inclusion across the engineering community



HONORS AND AWARDS

Society Level Awards in FY2021



Awards Given by Divisions, Research Committees and Sections in FY2021

New Fellows Named Annually



K-12 students reached during virtual classroom visits





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