

An aerial photograph of a large, diverse crowd of people walking on a paved area, likely a public square or a busy street. The people are seen from above, creating a colorful mosaic of heads and shoulders. The crowd is dense in the lower half of the image and more sparse in the upper half. The background shows a paved surface with some circular markings.

MITx

MicroMasters[®]
SUPPLY CHAIN MANAGEMENT

2021 Impact, Outcomes, and Outlook

Educate the world for free

Engage learners in a rigorous credential at a minimum cost

Elevate the knowledge of SCM professionals globally

Impact

Global supply chains endured disruptions on an unprecedented scale during the last two years. The talent that manages these operations sought new ways to skill up and scale up to meet the demands of these uncertainties.

Our program was uniquely poised to accommodate the influx of new learners seeking knowledge and community to help them manage and overcome their challenges. Courses swelled by as much as 30%. The November 2021 Comprehensive Final Exam saw more credential earners than any of the other eight exams since 2017.

The course teams responsible for managing the ten courses offered in 2021 also scaled up their operations. A record number of Community Teaching Assistants volunteered countless hours alongside course leads, TAs, and administrative staff to maintain rigorous and engaging materials.

In addition to in-course offerings, our program produced 34 free, public live video events that have received over 21,000 views during 2021. Recording views of live events from previous years bring the total to just over 100,000 views of MicroMasters supplemental learning assets.

The scope of influence of supply chain managers continues to become more conspicuous. And as our work becomes better understood, we realize our responsibility in developing the expertise of supply chain and logistics managers everywhere.

We are enduringly grateful to our educational partners and our growing community of learners for co-creating with us along the way. We hope you enjoy the story on the following pages and join us as we continue to explore learning and education in the diverse practices that comprise supply chain management.

448,500

Learners enrolled

36,319

Learners verified

51,434

Certificates earned

3,435

Credentials earned

185

Community Teaching Assistants

40+

Higher education programs accepting credential for credit

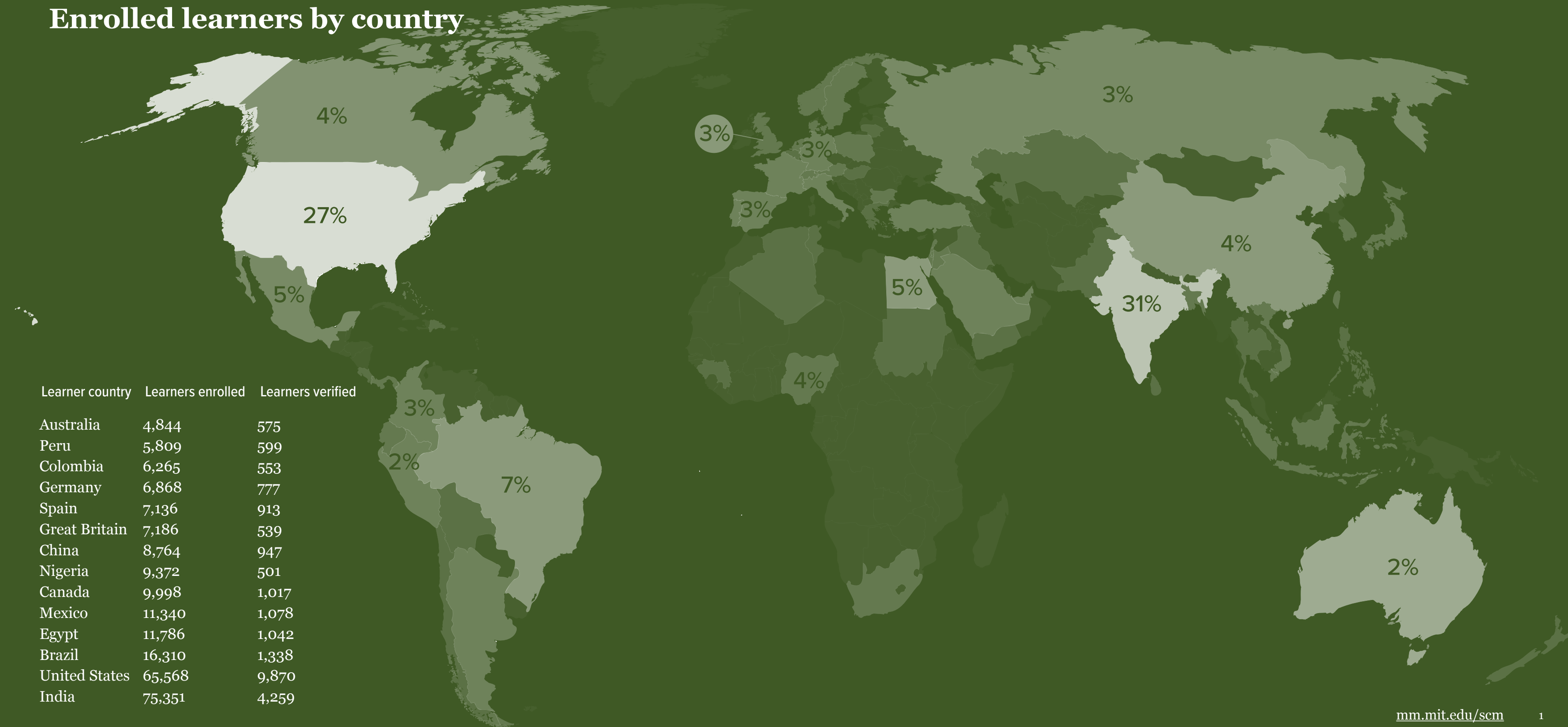
65

Course runs offered

9

Credential earner cohorts completed

Enrolled learners by country



Impact

In 2020 and 2021 demand for online courses continued to grow. The course team sustained innovative teaching practices and community engagement with the help of Teaching Assistants, Community Teaching Assistants, and social networks to keep learners engaged and progressing through the courses. *Totals below are cumulative.*

2021

• 55 courses run • 448,500 learners • 51,434 course certificates granted • 3,435 total credential earners • 151 blended masters graduated from MIT • Five custom courses offered to company cohorts • More than 100,000 attend or view free video seminars hosted by course team • Community social network users surpass 7,000

2020

• 45 courses run • 385,000 learners • 39,998 course certificates granted • 2,640 total credential earners • 115 blended masters graduated from MIT • First virtual MIT Supply Chain Bootcamp • Two custom courses are offered to company cohorts • More than 60,000 attend or view free video seminars hosted by course team



2019

• 34 courses run • 327,000 learners • 30,546 course certificates granted • 1,862 total credential earners • 76 blended masters students graduated from MIT • Third MIT Supply Chain Bootcamp • Community social network users surpass 4,500 • Credential earners recognized as affiliates of the MIT Alumni Association

2018

• 26 courses run • 279,000 learners • 25,351 course certificates granted • 1,277 total credential earners
• 40 blended masters graduated from MIT • Second MIT Supply Chain Bootcamp

2017

SC4x + CFx introduced • 16 courses run • 235,000 learners • 19,259 course certificates granted
• First CFx in May sees 622 credential-earners • First MIT Supply Chain Bootcamp



2016

SC0x + 3x introduced • Seven courses run • 153,000 learners • 11,333 course certificates granted • MIT Blended pathway announced • MicroMasters Learner portal and discussion board created • Community social channels created



2015

SC2x introduced • Three courses run • 110,000 learners • 2,820 course certificates granted • Credential announced



2014

One course, SC1x • One course run • 41,000 learners • 818 course certificates granted



Outcomes

Many expected and unexpected outcomes emerge from the program. From intended growth in universities around the world accepting our credential for credit, to the spontaneous meeting up of learner groups, we see a global community forming. Businesses and organizations request cohort and custom courses for their staff while credential holders socialize the value of the credential within in their workplaces and communities.

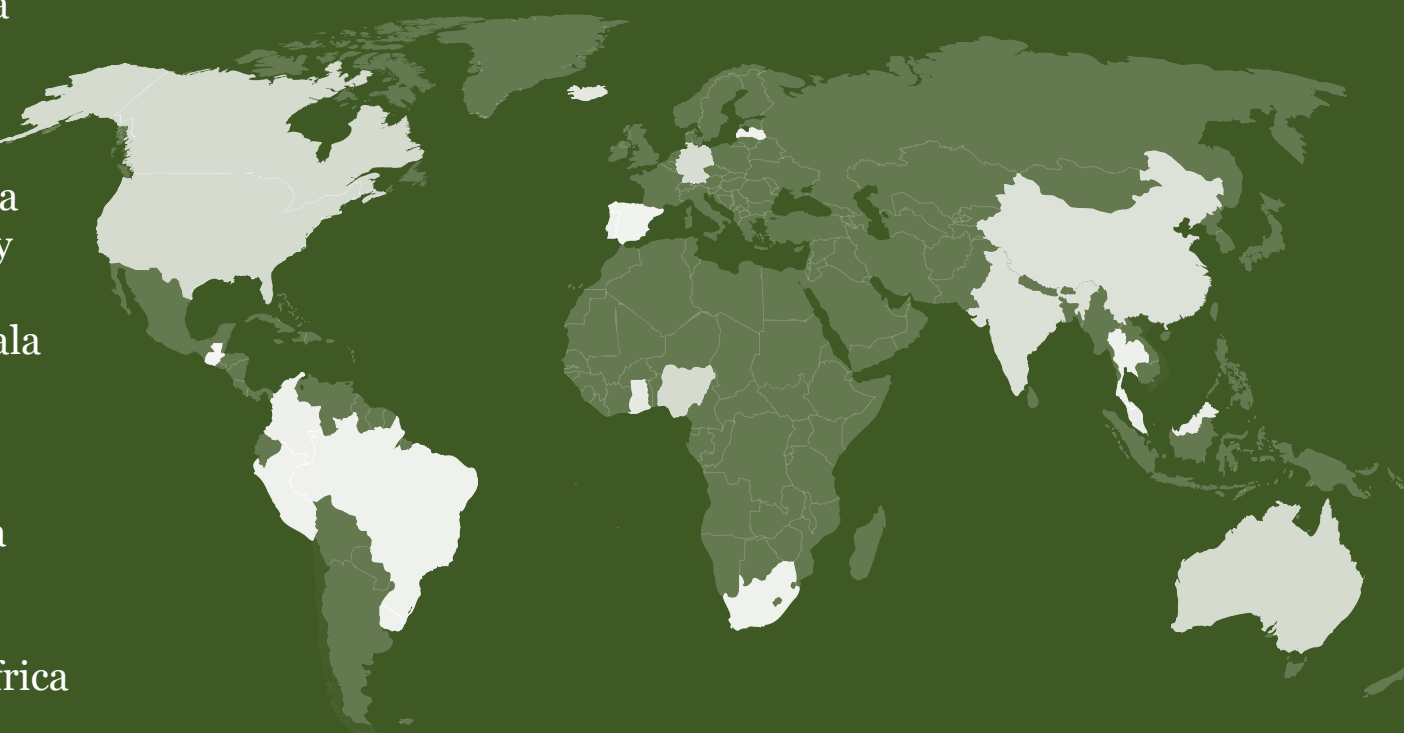
Education

SCM remained the most-attended MicroMasters programs on edX.

The course team published research results on MOOC; retention and dropouts, learning and assessment, and community building, based on longitudinal observations, survey results, and learning experiments.

The credential is accepted for credit by more than 40 masters-level programs at pathway universities around the world.

- Australia
- Brazil
- Canada
- China
- Colombia
- Germany
- Ghana
- Guatemala
- Iceland
- India
- Latvia
- Malaysia
- Nigeria
- Peru
- South Africa
- Spain
- Thailand
- Uruguay
- United States



Organizations

Learners continued to enroll in our courses at unprecedented rates during 2021 and reported that they are participated in company cohorts.

A growing number of organizations engaged in small cohort custom courses for their staff. Participants cited increased staff engagement and networking opportunities as unexpected benefits of completing courses together.

Companies with employees self-reporting as credential seekers or earners.

Accenture, AB Inbev, Ahold, Amazon, Apple, Capgemini, Chainalytics, Cognizant Technology, Deloitte ,DHL, Ernst and Young, Expeditors, GE, GESCM, Hitachi, Honeywell, HP, IBM, Intel, Johnson & Johnson, L'Oreal, LafargeHolcim, Maersk, Procter & Gamble, PwC, Schlumberger, Tata Consultancy Services, Toyota, Walmart, Unilever.

Companies and organizations that have used the program for cohort or custom training.



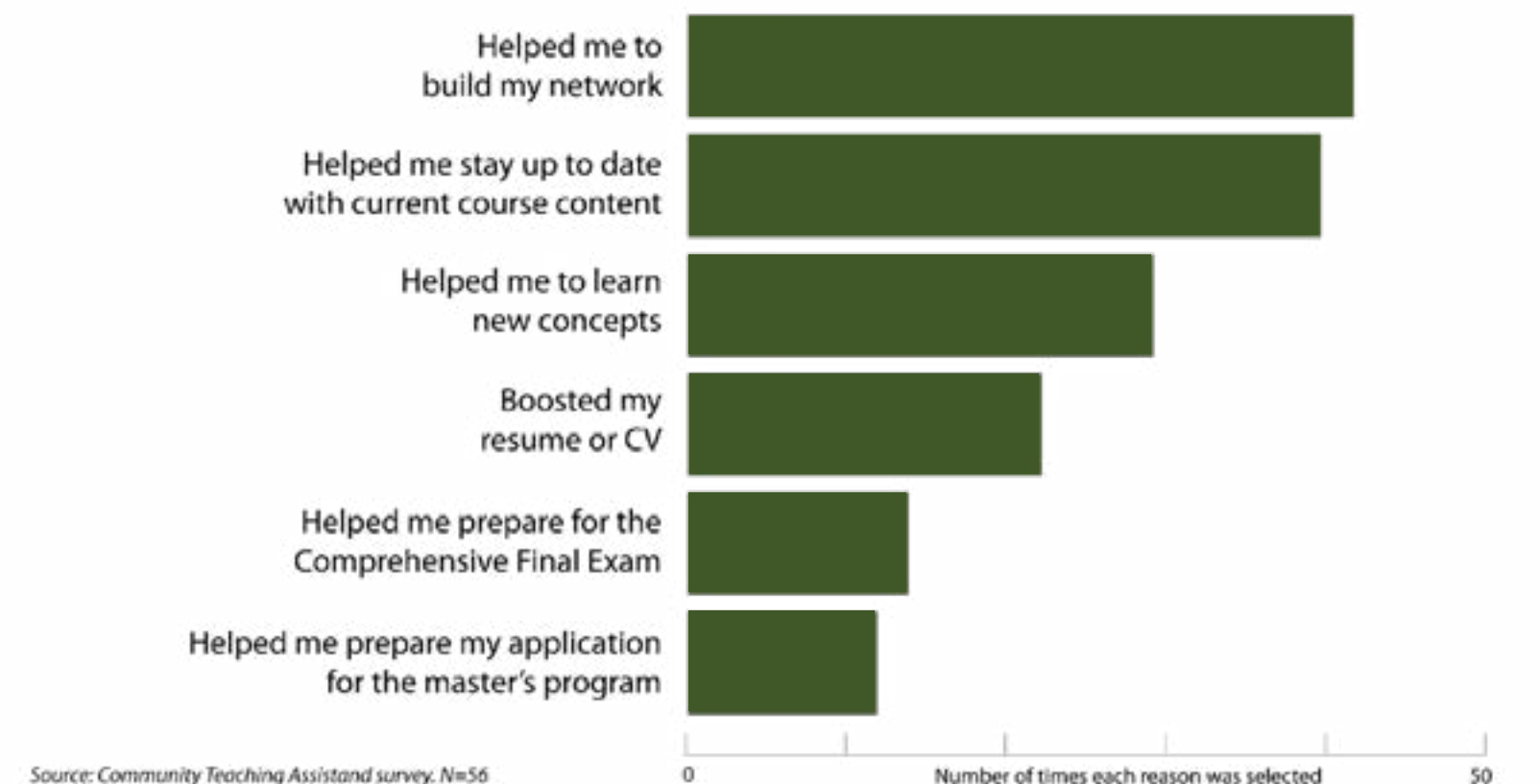
Community

As course enrollment grew during 2021 the demand for help with courses likewise increased. Volunteer Community Teaching Assistants (CTAs) rose to the challenge of supporting new learners

185 CTAs contributed countless hours supporting fellow learners throughout the course experience.

CTAs cited networking, continued learning, and deepening understanding as key reasons to contribute to the community.

Reasons to become a Community Teaching Assistant.



Source: Community Teaching Assistant survey. N=56

Outlook

The complexity and unpredictability of supply chain systems were never more apparent to the general public than in 2021. The professionals who manage this complexity have risen to the fluctuating challenges in part through upskilling.

Our vision for 2022 is to continue to educate and upskill SCM and other business professionals to remain competitive in a changing and dynamic world. We continue to innovate on our content and its delivery. As new theoretical, technological, and business approaches emerge in the field, we plan to include them in new course lessons and modules.

In our outlook for the future, we anticipate continuing to grow the program to reach more learners across the world. We remain committed to offering courses to the public and developing our relationships with organizations and companies for more private cohort courses.

Our mission is to augment the knowledge of SCM professionals across the globe, educate the world for free, and provide a rigorous credential to qualified students at a minimal cost. We have the experience and are ready to help.

Sincerely,

Eva Ponce



Dr. Eva Ponce,
Executive Director



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