



2018 Energy Jobs Report

Introduction

The Association of Energy Engineers, a nonprofit global professional society of over 18,000 members, issues an annual survey to determine the need for energy efficiency jobs, energy industry potential, and salary data. The results are based on more than 2400 responses and 78 countries represented.

AEE was founded in 1977 and its mission is “to promote the scientific and educational interests of those engaged in the energy industry and to foster action for Sustainable Development.”

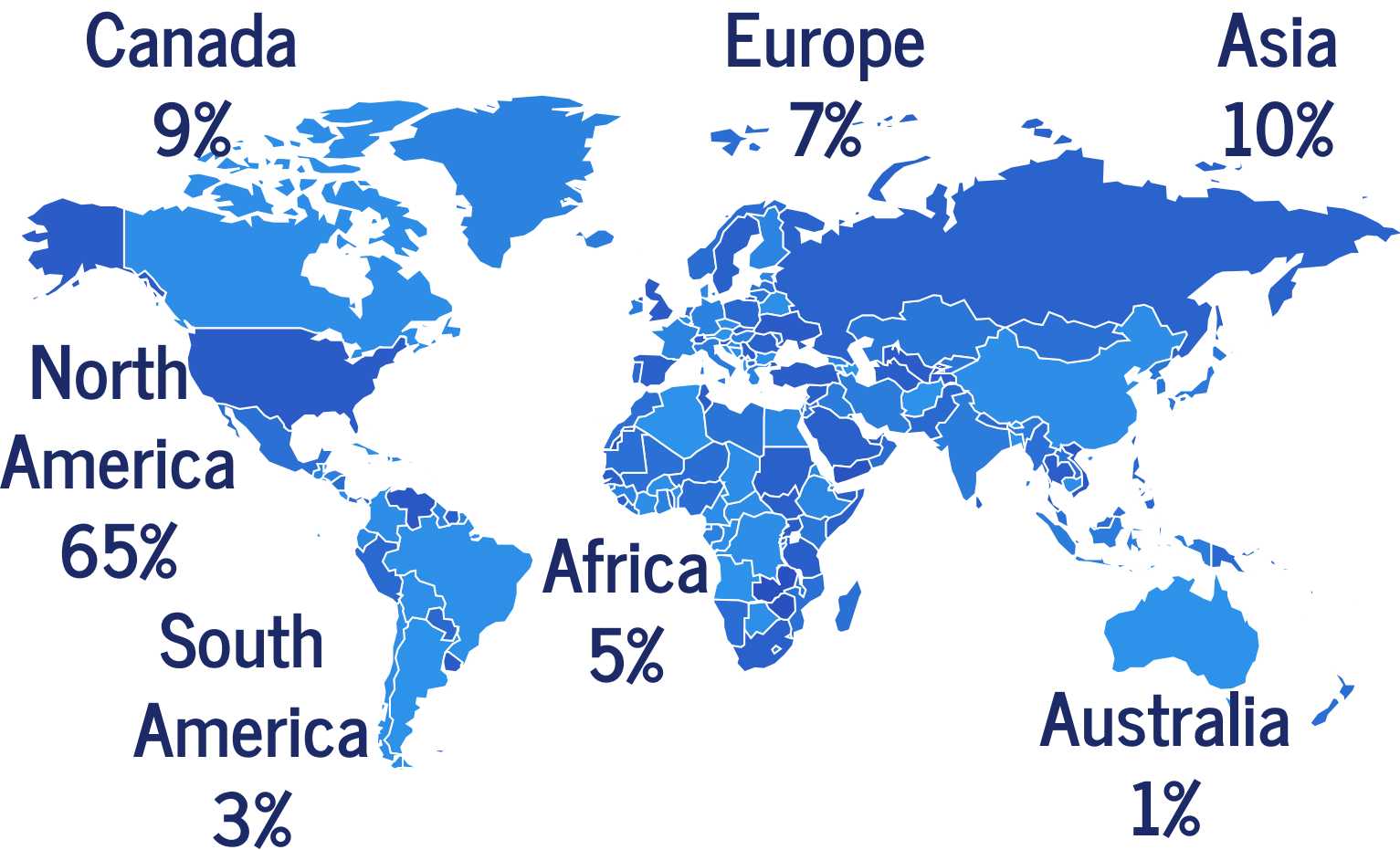
The Association of Energy Engineer’s member survey shows that 20% of energy professionals surveyed plan to retire within the next 5 years and 20% within the next 10 years. This means close to 40% of the energy professionals surveyed are planning to leave the energy workforce before 2030.

The 2018 U.S. Energy and Employment Report found that 6.5 million Americans were employed in traditional energy and environmental jobs, out of approximately 145 million American workers. The 6.5 million is a 5% increase since 2016, adding 300,000 new jobs, nearly 14% of all jobs nationwide.

The International Renewable Energy Agency (IRENA) shows that more than 70% of clean energy jobs are in just six countries - China, Brazil, India, Germany, Japan, and the United States. showing that this sector has an enormous growing opportunity globally. IRENA’s fifth Renewable Energy and Jobs Review shows the clean energy sector employs 10.3 million workers, with 60% of jobs in Asia.

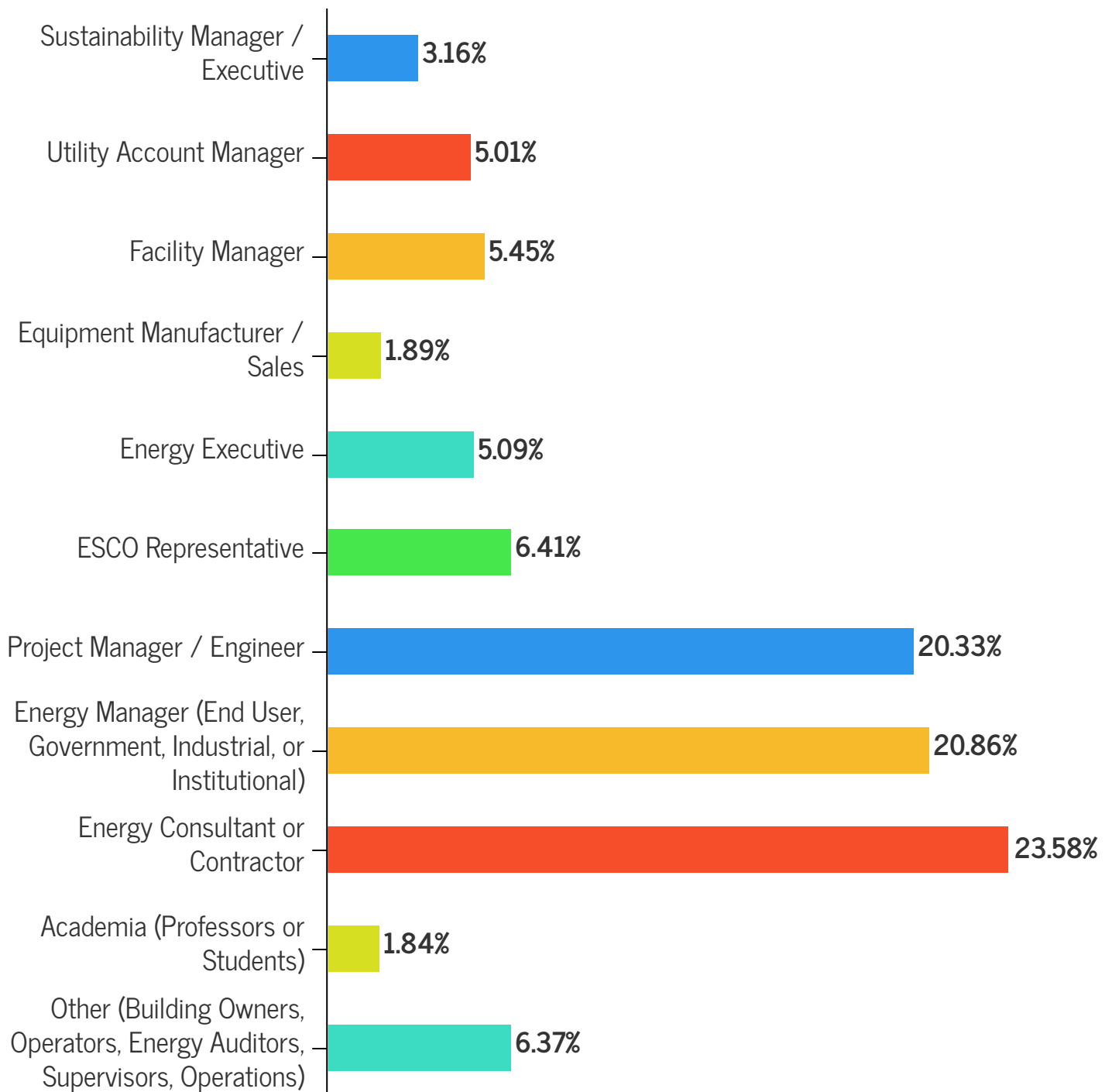
The energy efficiency, renewable and sustainability markets will continue to gain significant traction and growth in 2019 as more organizations embrace energy efficiency and strive to achieve energy reduction and energy savings goals.

The results represented in this report are based on more than 2400 responses with 78 countries represented. The map below details the diverse locations where energy related work is performed.

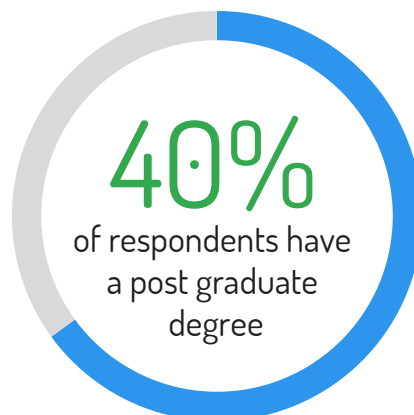
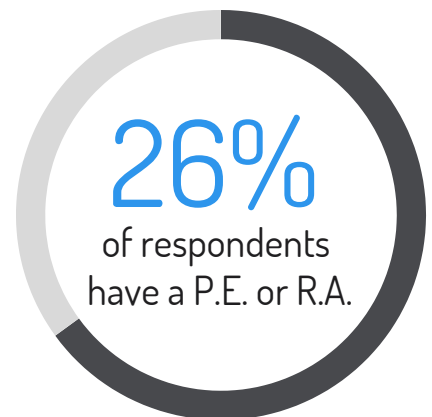
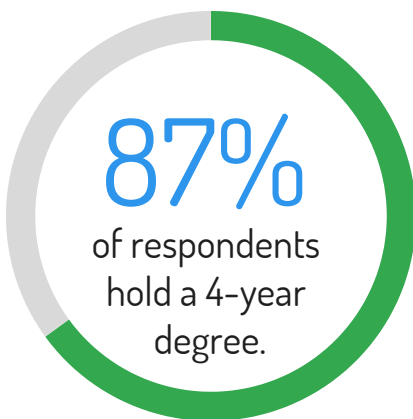
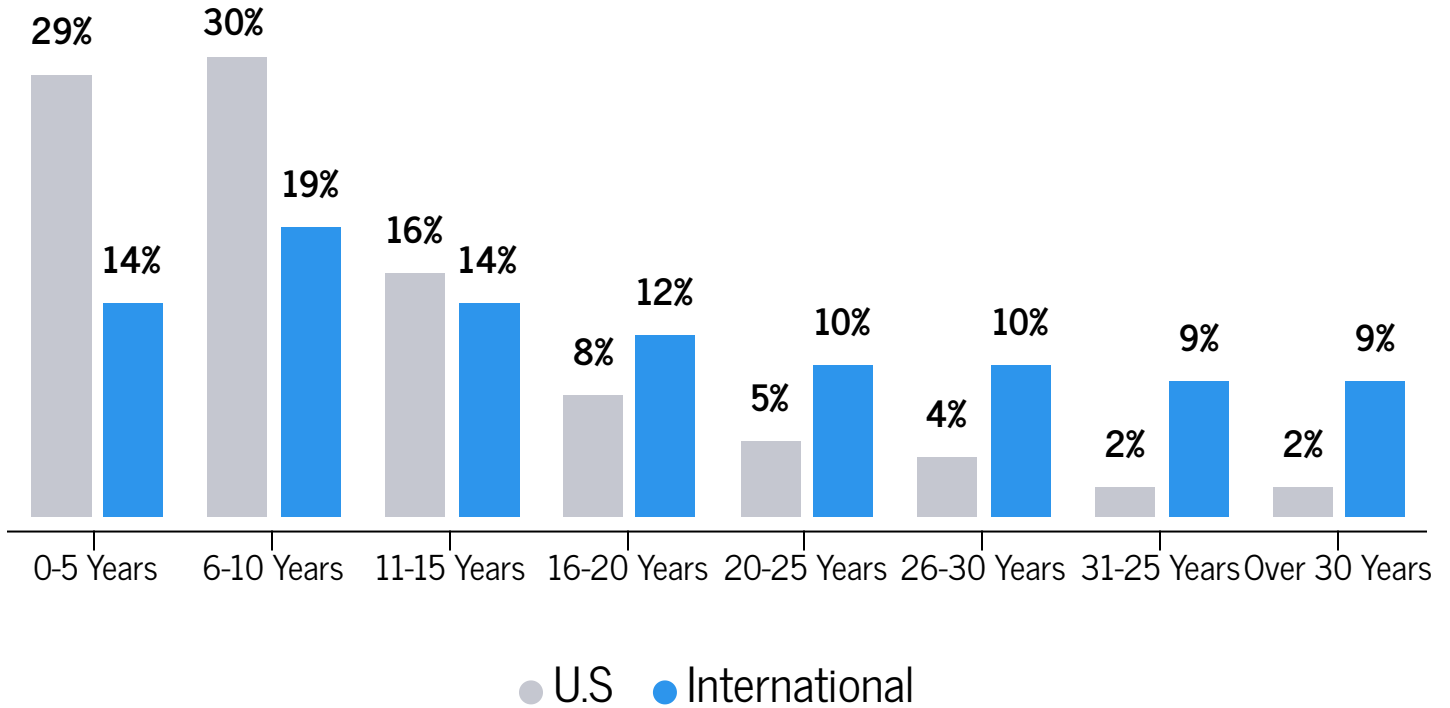


- | | | | | |
|-------------|---------------|-------------|-------------------|--------------------|
| Afghanistan | Colombia | Italy | Panama | Trinidad & Tobago |
| Albania | Dominican | Jamaica | Peru | Tunisia |
| Algeria | Republic | Japan | Philippines | Turkey |
| Argentina | Egypt | Jordan | Portugal | Uganda |
| Australia | France | Kazakhstan | Republic of Korea | Ukraine |
| Austria | Germany | Kenya | Romania | United Arab |
| Bahrain | Ghana | Kuwait | Russian | Emirates |
| Bangladesh | Greece | Latvia | Federation | United Kingdom of |
| Barbados | Guatemala | Lebanon | Saudi Arabia | Great Britain and |
| Belgium | Guyana | Luxembourg | Slovakia | Northern Ireland |
| Botswana | Hungary | Malawi | South Africa | United States |
| Brazil | India | Mexico | Spain | United Republic of |
| Bulgaria | Indonesia | Morocco | Sri Lanka | Uruguay |
| Cameroon | Iran (Islamic | Namibia | Tajikistan | Vietnam |
| Canada | Republic of) | New Zealand | Tanzania | Zambia |
| Chile | Ireland | Nigeria | Thailand | Zimbabwe |
| China | Israel | Pakistan | Togo | |

Respondents Role in Organization

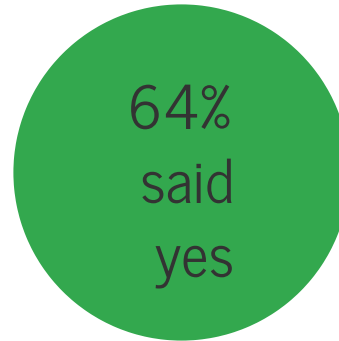
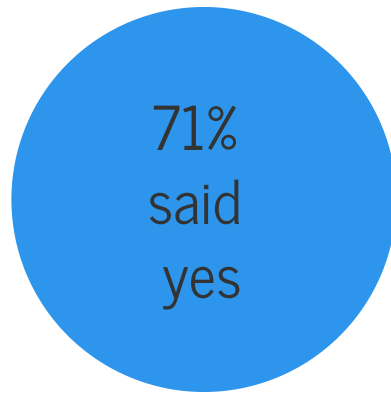


Years of Energy Efficiency Experience



Is there a shortage of energy professionals?

International
Respondents



U.S.
Respondents

24%

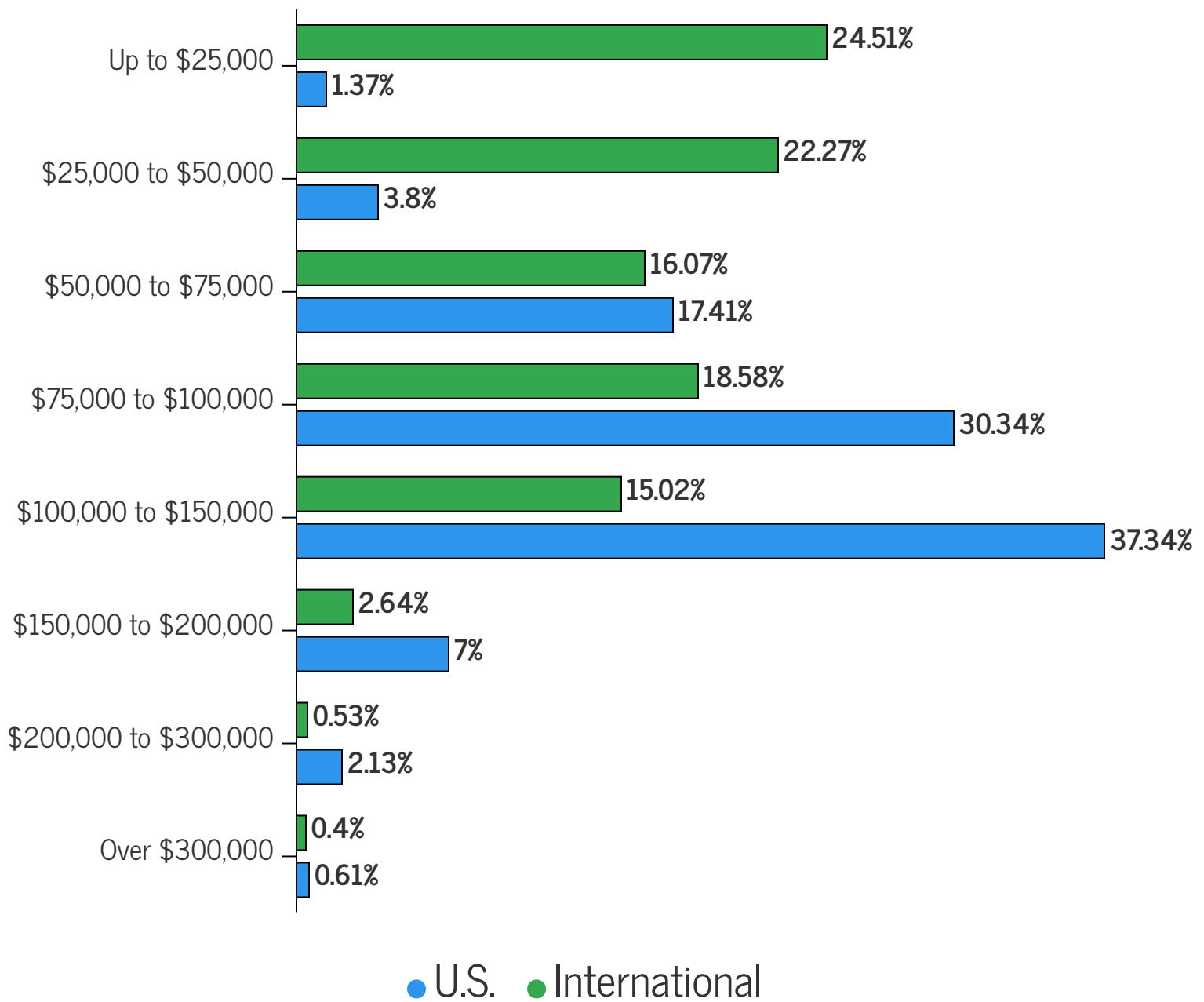
OF INTERNATIONAL RESPONDENTS
PLAN TO RETIRE WITHIN THE NEXT
5-10 YEARS

48%

OF U.S. RESPONDENTS PLAN
TO RETIRE WITHIN THE NEXT
5-10 YEARS

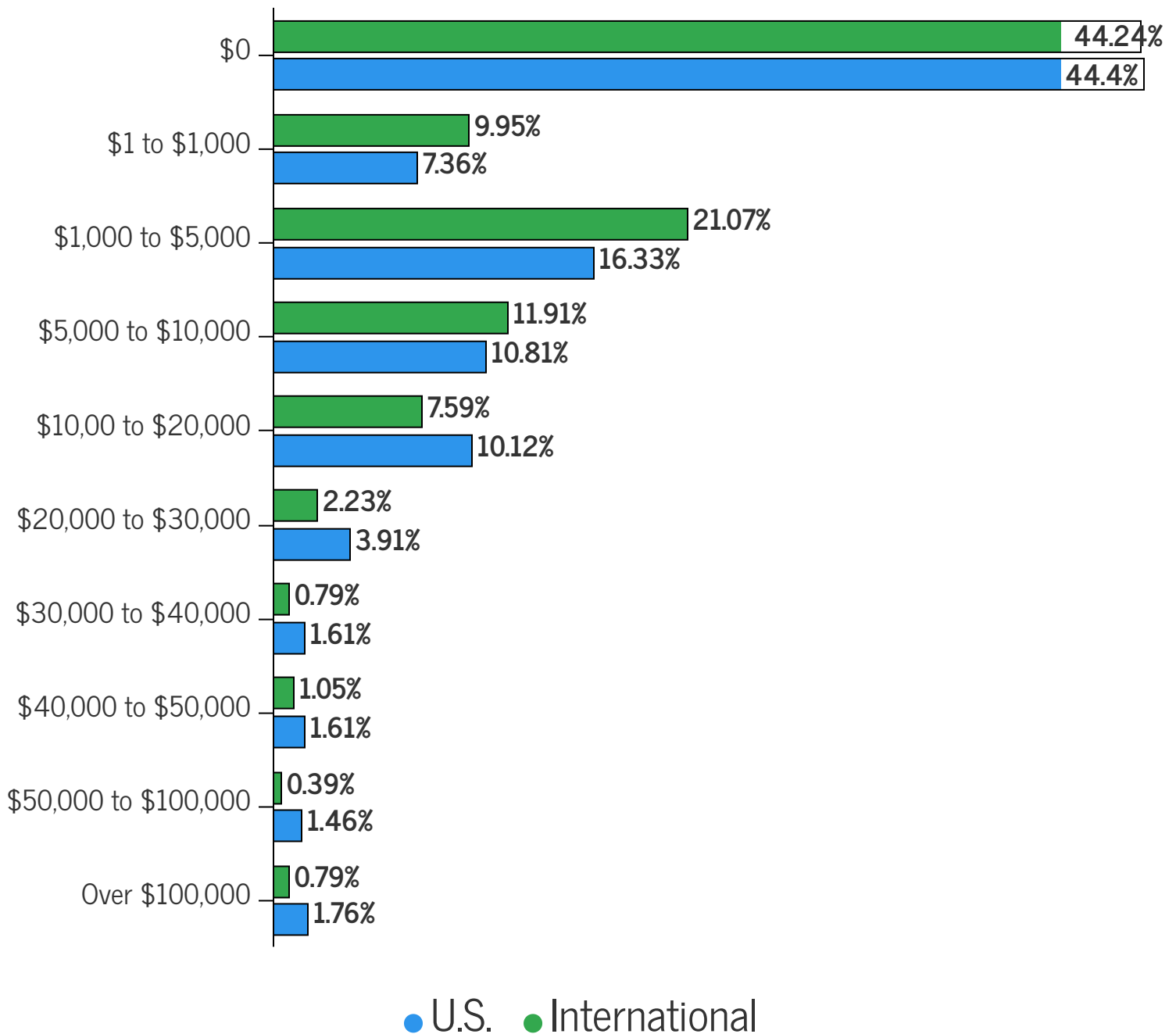


Respondents Base Salary in 2017



US Respondents Average Salary - \$105,661
International Respondents Average Salary - \$66,838

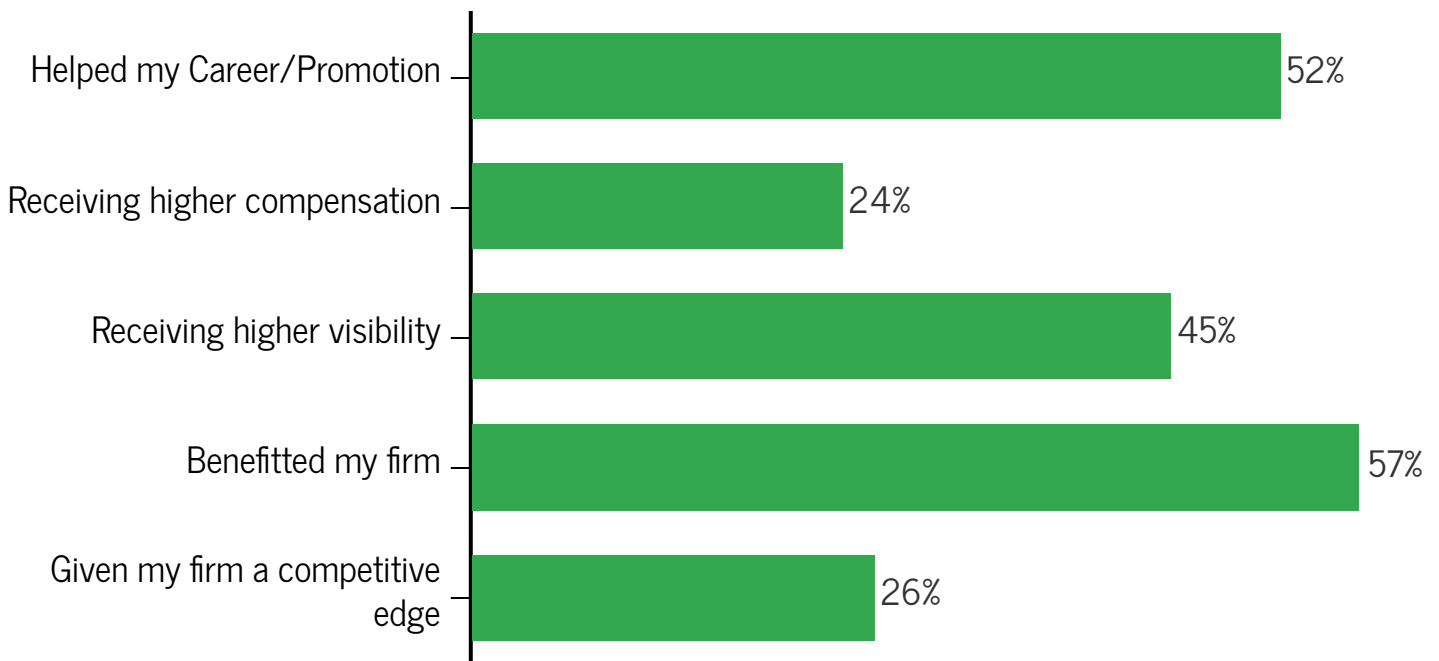
Respondents Bonus in 2017



US Respondents Average Bonus - \$7,426.91
International Respondents Average Bonus - \$4,984

96% OF RESPONDENTS HOLD AN AEE CERTIFICATION

Which of the following have been achieved since gaining an AEE Certification?



85% OF RESPONDENTS FEEL THE NEED FOR ADDITIONAL TRAINING

Additional Training Needed

