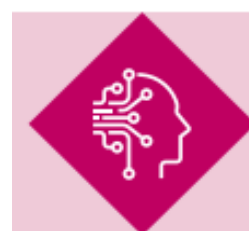


Annual Registration Statistics 2024: Summary



Published May 2025

Engineering Council 2025 | Registered Charity: 286142 | T: +44 (0)20 3206 0500 | info@engc.org.uk

Contents

Introduction	2
Key terms	3
Overview	4
Retention	6
Joiners	7
Leavers	8
Titles	9
International	10

Introduction

This summary of our Annual Registration Statistics Report presents a snapshot of our key database – the national Register of engineers and technicians who have been assessed against our Standards of professional competence and commitment.

We are committed to optimising professional registration as a vital tool for delivering our public benefit by upholding trust and confidence in the engineering profession.

There are some particularly bright spots in the data, such as the consistently high retention rate and the year-on-year closing of the gap between the sexes. The fact that the average registration lasts for nearly a quarter of a century shows just how valuable professional registration is to those who hold it.

However, the data also shows the challenge we face ensuring that enough people are joining the Register at the beginning of their career to compensate for those leaving at the end.

This will involve continuing to demonstrate how professional registration helps keeps people safe and builds trust. This is why we have just launched a new contextualised Standard to assess the competence and commitment of individual engineers and technicians working on higher-risk buildings in the UK. We must demonstrate the importance of professional registration against recognised Standards not just in high-profile areas of engineering that are in the public or parliamentary spotlight, but across the whole profession.



Paul Bailey
Chief Executive Officer

May 2025

Key terms

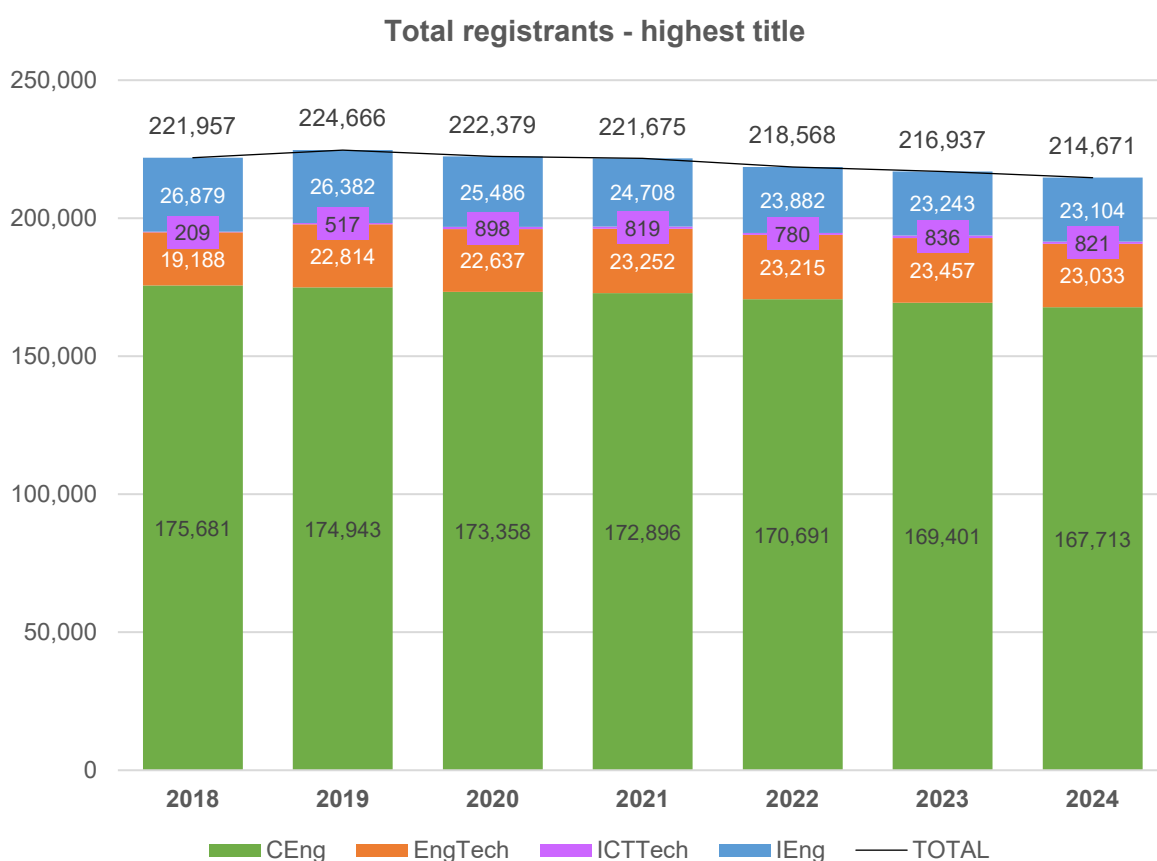
Term	Definition
Register	The record of engineers and technicians who have been assessed by licensed professional engineering institutions against Engineering Council Standards and awarded one of our professional titles.
Registrant	An individual recorded on the Register, holding one or more titles.
Title	<p>A professional engineering title recorded on the Register, more than one of which may be held by an individual registrant.</p> <ul style="list-style-type: none">• Chartered Engineer (CEng) Develop solutions to engineering problems using new or existing technologies, through innovation, creativity and change. They may be accountable for complex systems with significant levels of risk.• Incorporated Engineer (IEng) Maintain and manage applications of current and developing technology, and may undertake engineering design, development, manufacture, construction and operation.• Engineering Technician (EngTech) Apply proven techniques and procedures to solve practical engineering problems.• ICT Technician (ICTTech) Apply proven techniques and procedures to solve practical engineering problems using Information & Communications Technology.
Highest title	The different professional titles have different criteria and requirements for competence and commitment. Chartered Engineer is the highest title, followed by Incorporated Engineer and then the two technician titles.

This report presents data about the composition of the Register at the end of 2024 compared with previous years, and the change in this composition during 2024, compared with the change during previous years.

Overview

At the end of 2024 there were 214,671 people on the Register.

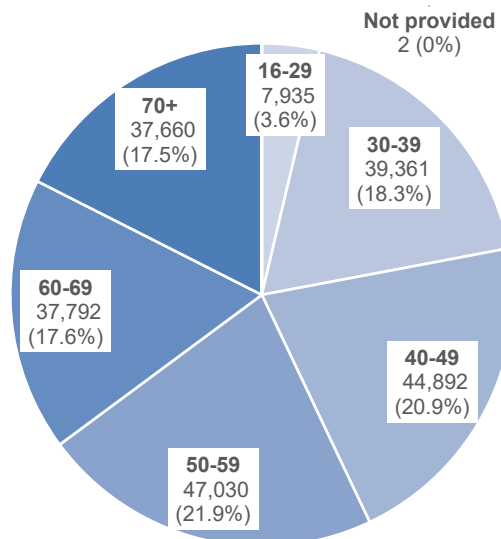
- An additional 5,696 only hold interim titles, pending completion of their professional review. For clarity, these are treated separately and not counted as active registrants.
- The total number of registrants has fallen by 1% from 2023, a decline of 3% over the past seven years.
- Over the past seven years the share has remained almost identical, with just under 80% of all registrants holding CEng as their highest title. The remaining 20% are evenly distributed between those holding IEng and EngTech, with a relatively small number holding the more recent and specialised ICTTech title.
- The vast majority of registrants hold a single professional title, with 3.6% holding multiple titles. The most titles held by a single registrant is six.



While more than a third (35.1%) of registrants are aged over 60, the proportion of younger registrants is increasing year on year.

- The percentage share of each of the three younger age groups (16-29, 30-39 and 40-49) has increased slightly from 2023 to 2024, while the share of each of the three older age groups (50-59, 60-69 and 70+) has decreased

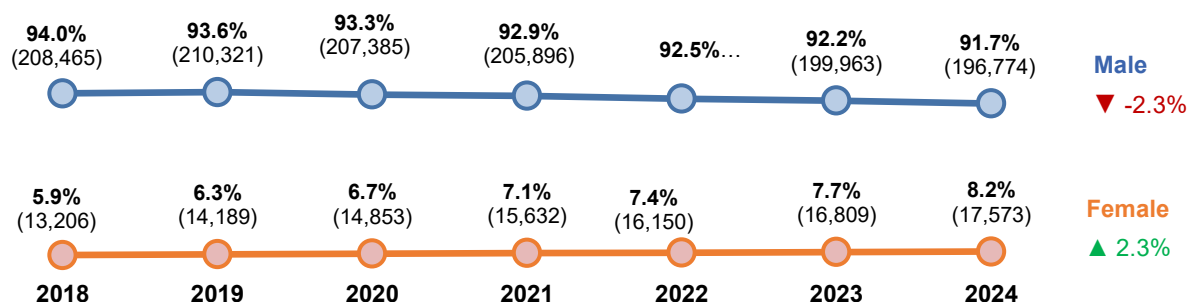
Total registrants by age group



The vast majority of registrants are male (91.7%) but the proportion of females is steadily increasing year-on-year.

- The proportion of females on the Register has increased from 5.9% in 2018 to 8.2% in 2024.

Total registrants by sex



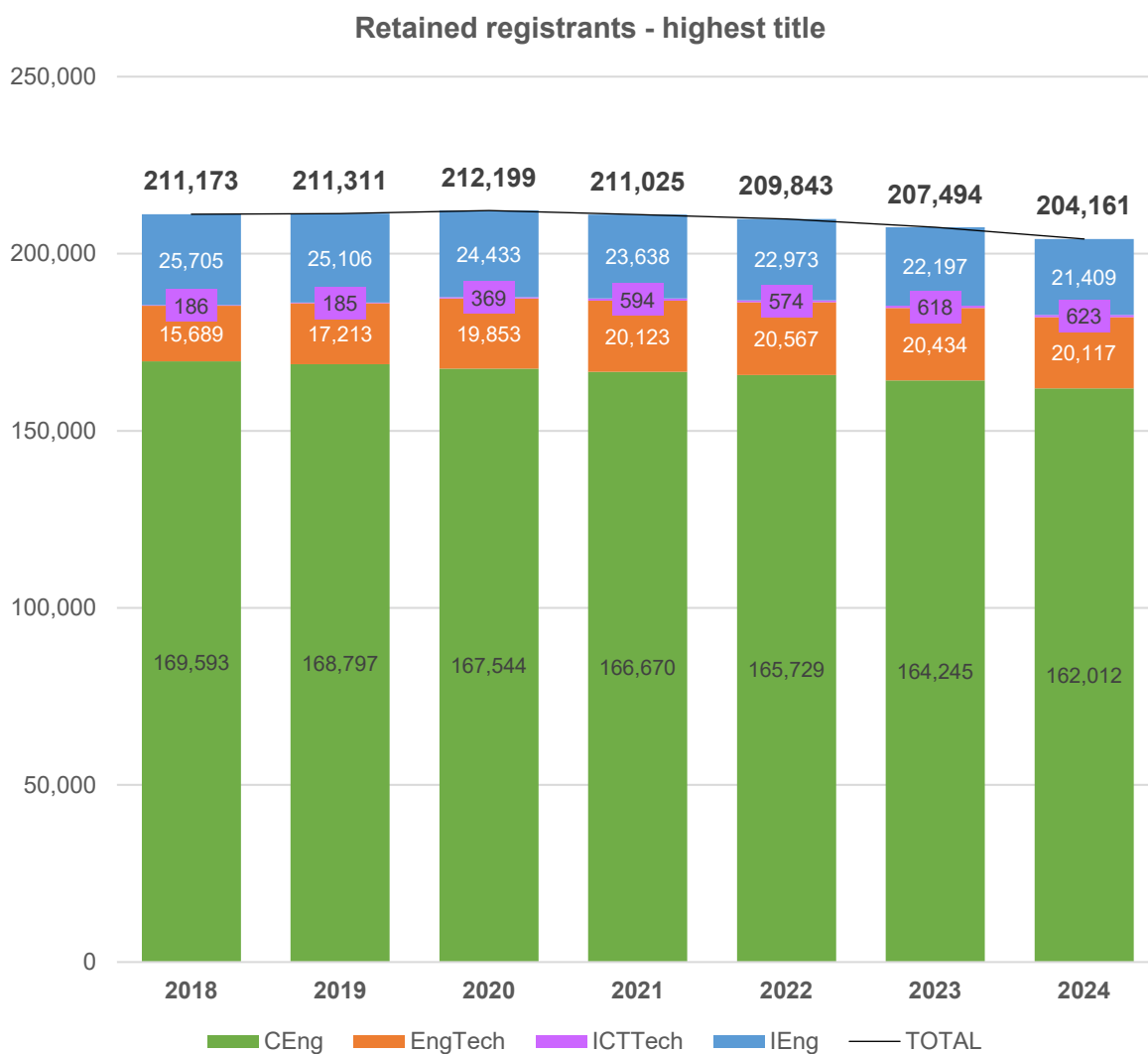
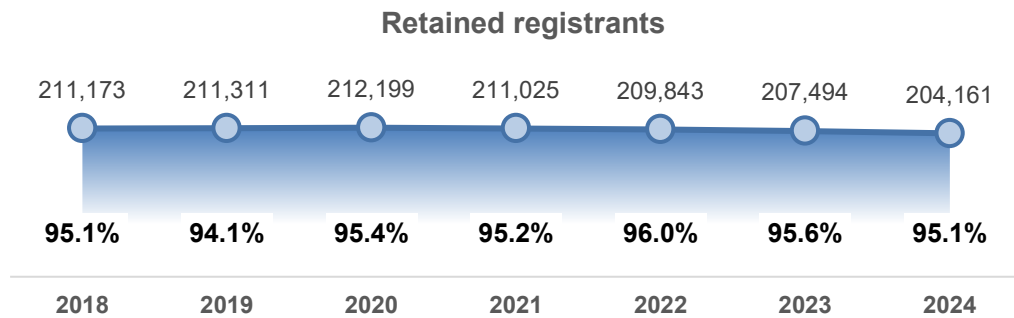
The average age at which people join the Register is 34. The average age at which they leave is 59.

- Females tend to join 2-3 years earlier and leave 16-18 years earlier than males, spending less than half the time on the Register.

Retention

The retention rate in 2024 was 95.1%, showing that the vast majority of registrants in 2024 were also active the previous year.

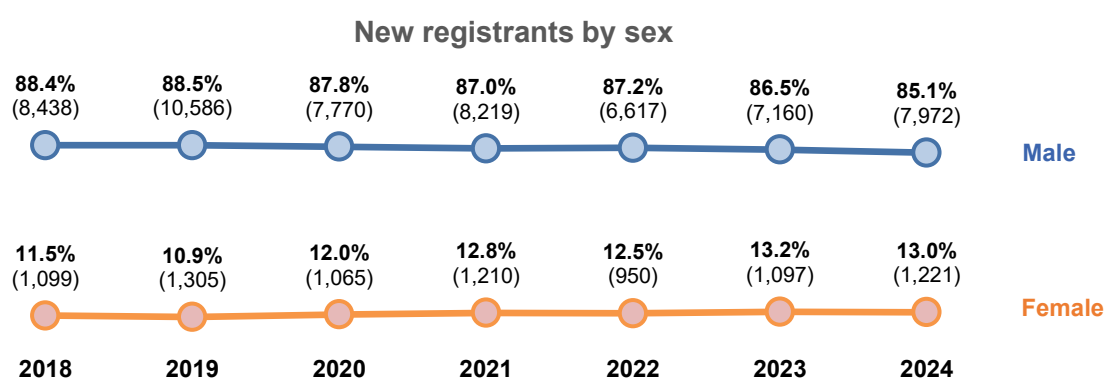
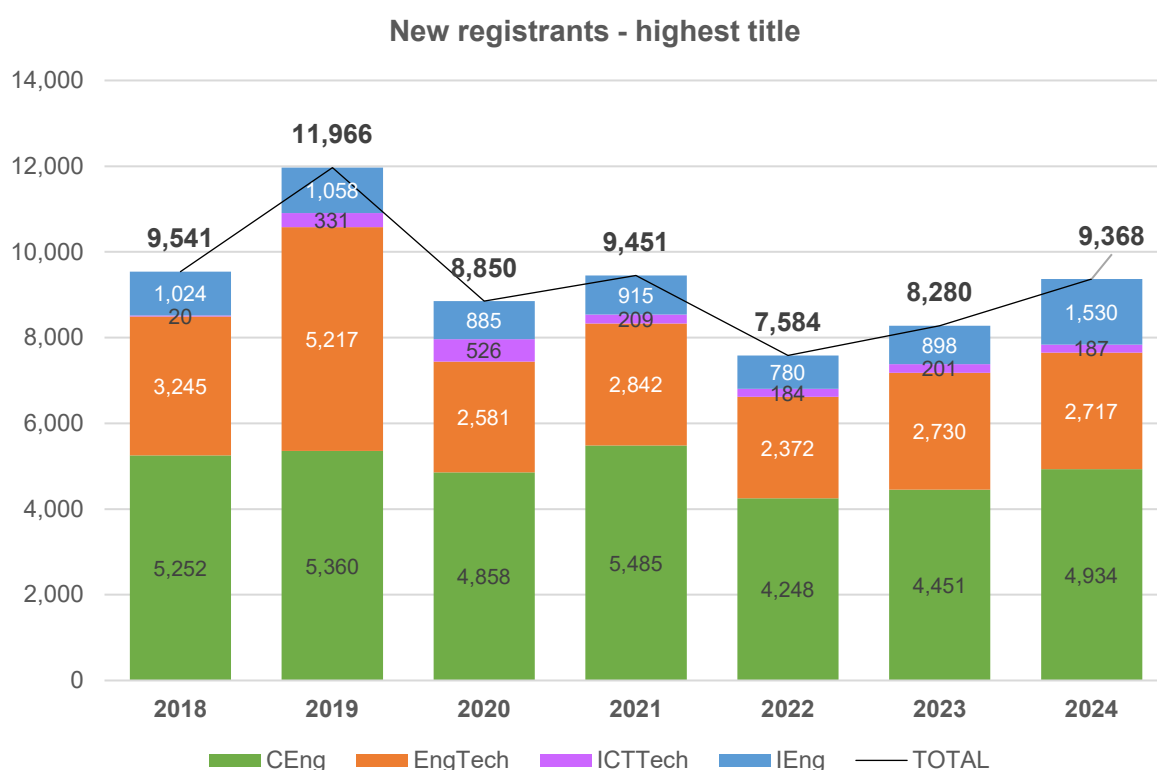
- For the past seven years retention has remained steady between 94% and 96%
- Retention has remained high across all the professional titles.



Joiners

The number of new registrants in 2024 was higher than both 2023 and 2022.

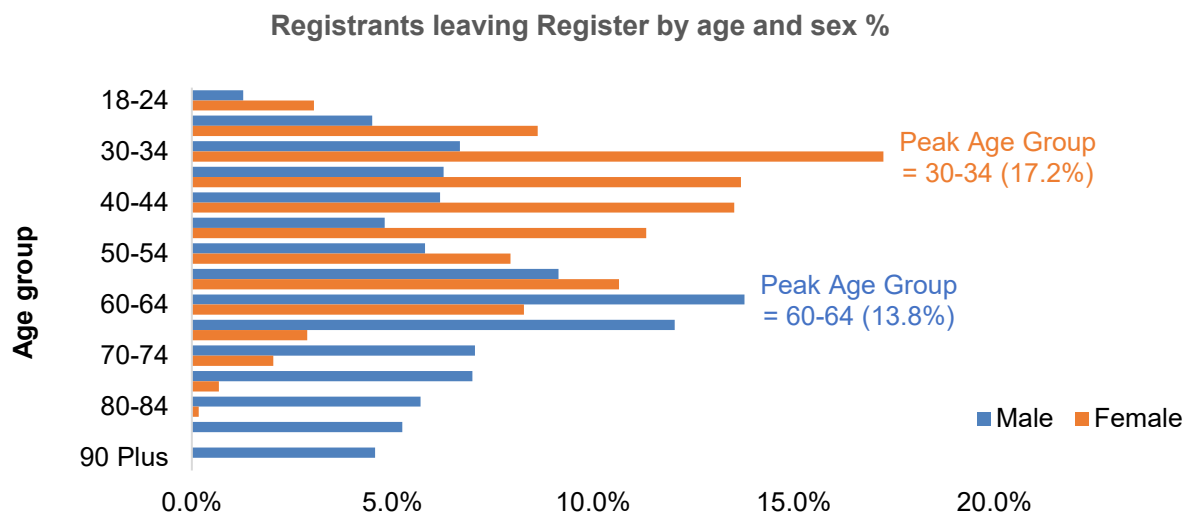
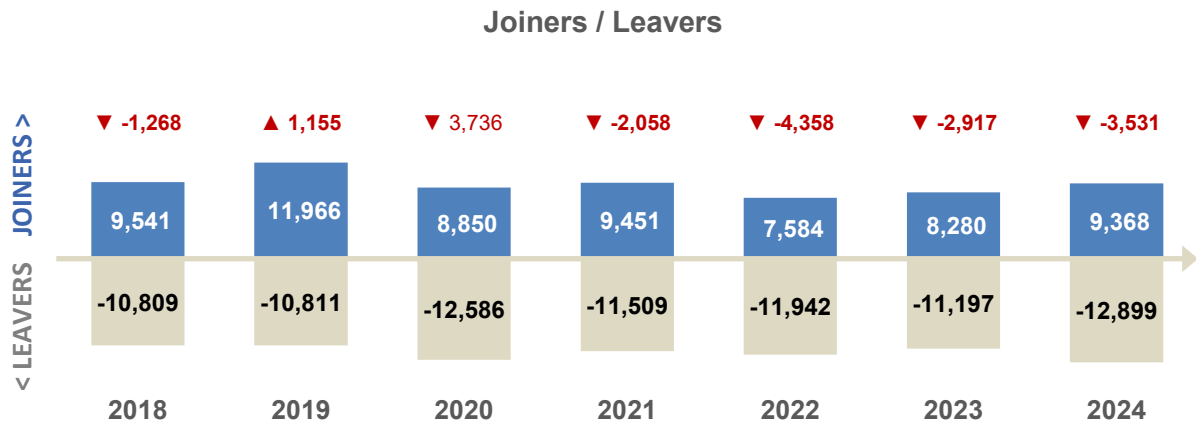
- There were 9,368 new registrants in 2024, an increase of 13.1% from 2023.
- More females were added to the Register in 2024 than any previous year.
- Approximately 1 in 6 people joined the Register as an Incorporated Engineer in 2024, up from 1 in 10 in previous years. More than half joined as Chartered Engineers.
- There were 1,142 people returning after a period of lapsed registration.



Leavers

More people left the Register in 2024 than joined, resulting in a net loss of 3,531 registrants.

- The average age for males leaving the Register is 60, with a peak age group of 60-64. This suggests many keep their registration until retirement.
- Females tend to leave the Register earlier, at an average age of 44. This is consistent with wider trends of females leaving the engineering workforce altogether at this age.



Titles

There were 222,785 titles recorded on the Register in 2024.

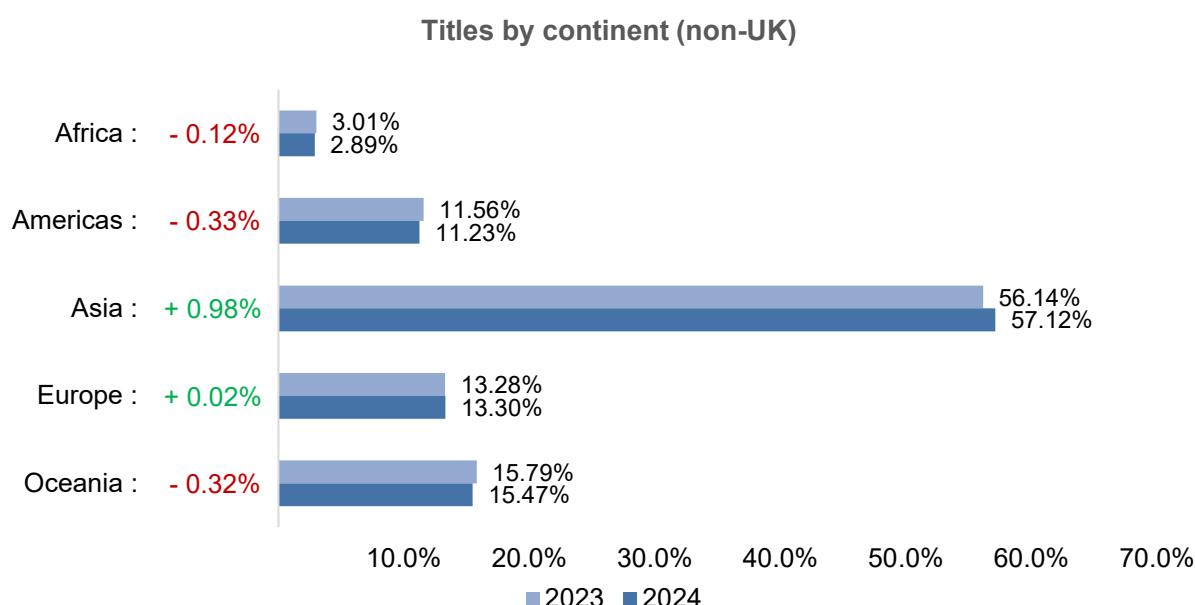
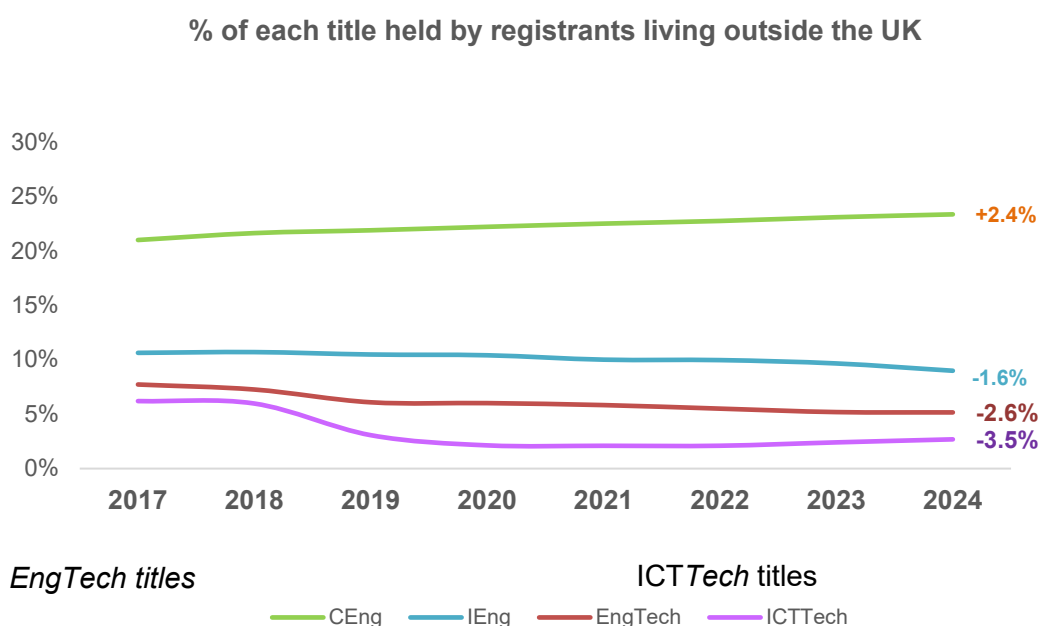
- This number is falling very slowly, following the same trajectory as the number of registrants, as would be expected.
- The number of Chartered Engineer (CEng) and Incorporated Engineer (IEng) titles have both fallen by 1% since 2023, with the other titles falling by 2%.
- The reduction in IEng titles is significantly less than previous years. In 2024, 1,530 people joined the Register with an IEng title, compared with 898 in 2023.



International

Consistent with previous years, 20% of titles were held outside the UK in 2024.

- The proportion of Chartered Engineer titles held by registrants living outside the UK is increasing very slightly year on year, by 2.4% over the past eight years.
- Of the titles held outside the UK, 57% are held in Asia, 15.5% in Oceania, 13.3% in Europe, 11.2% in Americas and 2.9% in Africa. This share has increased slightly in Asia and Europe, and decreased slightly elsewhere.





T: +44 (0)20 3206 0500

info@engc.org.uk

engc.org.uk

Registered Charity: 286142

Published May 2025 © Engineering Council