

# Engineering and technology workforce

6.3

work in engineering and technology jobs in the UK, that's 19% of all jobs



Engineering and technology jobs predicted to grow in all UK regions between now and 2030 faster than other occupations

17%

of the workforce in engineering and technology are women vs. 56% in other occupations



14%

of the workforce in engineering and technology are disabled vs 18% in other occupations



25% of all job adverts are for engineering and technology roles

1 in 5 jobs in the UK are in engineering yet engineering vacancies account for only 1 in 4 adverts

48% increase in job adverts mentioning 'green skills'

55% increase in job adverts for 'green engineering jobs'

Up to 725K new jobs are needed to support the transition to net zero



## Occupation and industry

12% working as an engineer in the engineering and technology industry

6% working as an engineer in a different sector

14% are from a minority ethnic background

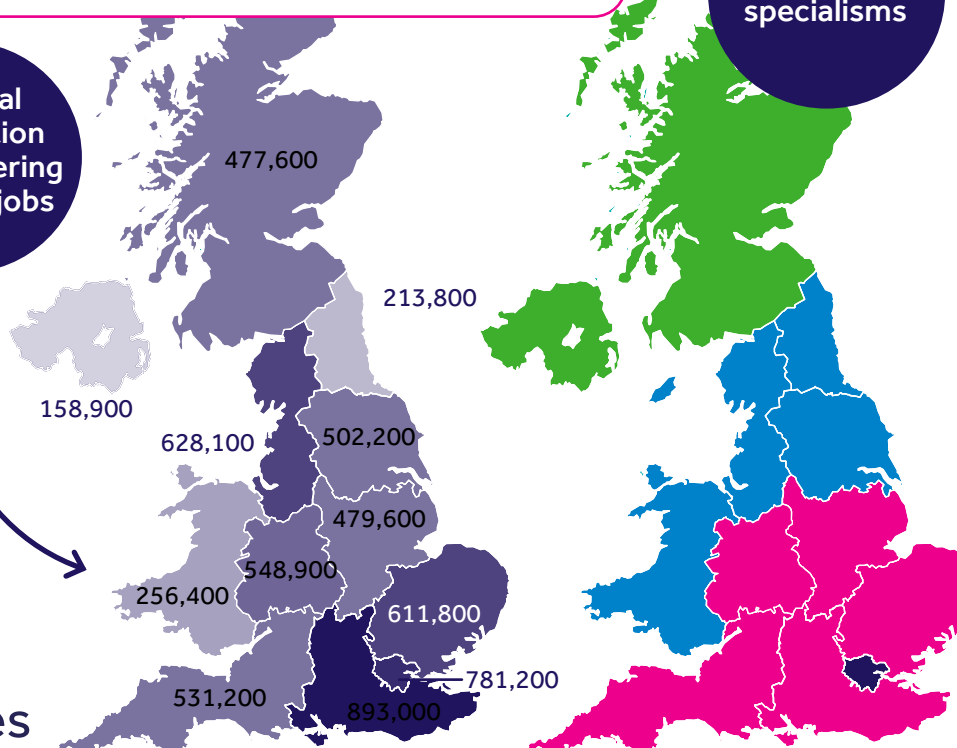
10% working in the engineering and technology industry but not as an engineer

71% neither working as an engineer nor in the engineering and technology industry

18% in other occupations

Ethnicity	Engineering and technology occupations	All other occupations combined
Asian	8%	9%
Black	3%	6%
Mixed ethnic groups	2%	2%
Other ethnic groups	2%	2%
White	85%	82%

## Regional distribution of engineering and tech jobs

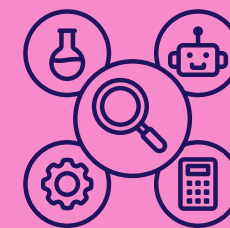


## Geographical specialisms

- Environment, energy and earth occupations
- Skilled trades, industrial and general operative roles
- Mechanical and electrical
- ICT and civil engineering roles

Over 6m engineering and technology professionals are employed in the UK. Jobs are predicted to grow but the industry faces skills shortages and lacks diversity, with women the most underrepresented group.

## Interest in STEM careers



Subject	Girls	Boys
Science	44%	47%
Technology	23%	52%
Engineering	29%	63%
Maths	32%	45%

83% of students were more interested in engineering jobs because of The Big Bang Fair

31% of students were more interested in science, engineering and tech because of The Big Bang Fair

85% of STEM teachers recommend a career in engineering

19% were more interested in engineering careers because of Energy Quest

What students and teachers say