How many jobs are there…?

There are 176,000 jobs in construction in Yorkshire and the Humber.¹ The number of jobs peaked in 2007 with over 200,000 jobs and has been around 170-185,000 for the last few years.

The amount of employment is closely linked to the size of the local authority population. 90% of employers are small businesses, employing less than 10 staff and typically doing building and trades work for local residents.

However, construction sector activity includes small, domestic work to large scale projects including town planning, housing and civil engineering projects such as roads, rail and bridges. There are also specialist engineering construction businesses who primarily work on new commercial and industrial manufacturing projects.

The number of people working in construction occupations in Yorkshire and the Humber 2017 – 2018 is shown in the table below.²

<table>
<thead>
<tr>
<th>Construction Occupations</th>
<th>Number in employment in Yorkshire and the Humber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electricians and electrical fitters</td>
<td>27,100</td>
</tr>
<tr>
<td>Construction and building trades</td>
<td>19,000</td>
</tr>
<tr>
<td>Carpenters and joiners</td>
<td>18,700</td>
</tr>
</tbody>
</table>

¹ Workforce Jobs ONS June 2018
² Annual Population Survey
### What are the prospects...?

The Construction Industry Training Board describes the industry outlook for the whole of the UK for 2018 to 2022 as:

Construction output is expected to grow by 1.3% over the next five years (down from 1.7% in 2017) with 158,000 jobs to be created. Although lower than 2017, growth is expected to be more sustainable and grow faster than other sectors. Infrastructure (large road and rail projects such as HS2) accounts for 20% of 2018-2022 construction growth

- Private housebuilding is expected to grow by 2.8%
- Wales, South West and North west will show strong output growth
- Scotland and North East will have the lowest growth
- Job growth is due to be slower, but construction will still need 31,600 workers each year

Yorkshire and the Humber is expected to see small growth - 0.8% over the next five years, with a requirement for 2010 jobs to be created very year. The industrial sector is expected to be the main growth driver. In addition to new jobs, there will also be a need to replace those who leave the industry through retirement. Construction work also often requires travel to where the work is.

#### The CITB identifies some skills shortages in:
- Non-construction, technical, IT, and office staff
- Wood trades and interior fit out
- Senior managers
- Labourers
- Surveyors
- Other construction managers
- Construction trades supervisors
- Plant operatives
- Painters and decorators.

---

14,500

<table>
<thead>
<tr>
<th>Plumbers and heating and ventilating engineers</th>
<th>14,500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction operatives</td>
<td>9,100</td>
</tr>
<tr>
<td>Painters and decorators</td>
<td>8,800</td>
</tr>
<tr>
<td>Bricklayers and masons</td>
<td>8,200</td>
</tr>
<tr>
<td>Construction project managers and related professionals</td>
<td>6,200</td>
</tr>
<tr>
<td>Roofers, roof tilers and slaters</td>
<td>5,900</td>
</tr>
<tr>
<td>Plasterers</td>
<td>5,400</td>
</tr>
<tr>
<td>Architects</td>
<td>4,500</td>
</tr>
<tr>
<td>Construction and building trades supervisors</td>
<td>4,400</td>
</tr>
<tr>
<td>Scaffolders, stagers and riggers</td>
<td>3,900</td>
</tr>
<tr>
<td>Quantity surveyors</td>
<td>3,500</td>
</tr>
<tr>
<td>Glaziers, window fabricators and fitters</td>
<td>3,500</td>
</tr>
<tr>
<td>Road construction operatives</td>
<td>3,300</td>
</tr>
<tr>
<td>Plant and machine operatives</td>
<td>3,000</td>
</tr>
<tr>
<td>Floorers and wall tilers</td>
<td>2,600</td>
</tr>
<tr>
<td>Steel erectors</td>
<td>1,600</td>
</tr>
<tr>
<td>Crane drivers</td>
<td>1,500</td>
</tr>
</tbody>
</table>

---

3 Industry Insights, Construction Skills Network (CSN) Forecast 2018 – 2022, CITB
What sort of jobs are there…?

Some examples of roles in construction are:

- Bricklayer
- Building surveyor
- Civil engineer
- Construction plant operator
- Plumber
- Painter and decorator
- Plasterer
- Tiler

For more information on jobs in this sector go to the National Careers Service website [https://nationalcareersservice.direct.gov.uk](https://nationalcareersservice.direct.gov.uk) and go to Explore Careers and look at job profiles under construction.

There were over 16,200 jobs advertised online in Yorkshire and the Humber in 2017.

The top occupations were:

![Construction online vacancies in Yorkshire and the Humber 2017](image)

Where are the jobs…?

There are over 23,000 construction businesses in Yorkshire and the Humber, 90% of these are small businesses who may be sole traders or employ up to 9 people.

The CITB reports that there were 33,000 more new construction businesses at the start of 2017 compared with 2016.

The top employers and recruiters who advertised construction vacancies online in Yorkshire and the Humber in 2017 were:

- Coyle Sectors (recruitment agency)

---

4 Labour Insight, Burning Glass Technologies 2018
5 UK Business Counts, Office of National Statistics 2018
6 Labour Insight, Burning Glass Technologies 2018
• Stafforce Ltd (recruitment agency)
• O’Neill and Brennan (recruitment agency)
• Leeds City Council
• East Riding Ltd (recruitment agency)
• Amey
• MTR Partnership (recruitment agency).

Note: many vacancies will not be advertised online. This is particularly the case with smaller employers who rely on word of mouth and using personal contacts.

**Entry routes**

The main entry route is through apprenticeships and there were 5,400 construction apprenticeships started in Construction, Planning and the Built Environment in Yorkshire and the Humber from August 2017 – April 2018. For details of current apprenticeship vacancies go to the [Find an Apprenticeship service](#).

**Skills needed for construction**

Practical and technical skills, attention to detail, able to work at heights, safety aware, team working, ability to read drawings/plans, problem solving, communication.

**Pay rates for construction**

**National annual average salary**

<table>
<thead>
<tr>
<th>Role</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil engineer</td>
<td>£41,014</td>
</tr>
<tr>
<td>Electrician</td>
<td>£32,315</td>
</tr>
<tr>
<td>Quantity surveyor</td>
<td>£42,760</td>
</tr>
<tr>
<td>Carpenter/joiner</td>
<td>£27,236</td>
</tr>
<tr>
<td>Plant operator</td>
<td>£28,714</td>
</tr>
<tr>
<td>Labourer</td>
<td>£21,996</td>
</tr>
</tbody>
</table>

Some employers who have had apprenticeship vacancies over the past year include:

Peter Cox Ltd, Leeds
Liberty Design and Build, Bingley
Dransfield Cabinets, Batley
Sheen Projects Ltd, Wakefield
Lumination Ltd, Bradford
Harron Homes, Leeds
Powertherm Contract Services, Knottingley

To look for more details on entry routes go to the [Go Construct website](#).

**Further information**

- To work in the construction industry a Construction Skills Certification Scheme (CSCS) card is usually required, with different cards for different roles in the sector for more information go to [www.cscs.uk.com](http://www.cscs.uk.com)
- Construction Industry Training Board [https://www.citb.co.uk](https://www.citb.co.uk)
- [Industry Insights – construction forecasts 2018 - 2022](#)
- Chartered Institute of Building [www.ciob.org](http://www.ciob.org)

---

7 Annual Survey of Hours and Earnings, ONS 2017
8 ESFA Apprenticeship Bulletins