

Working in Essex, Southend and Thurrock

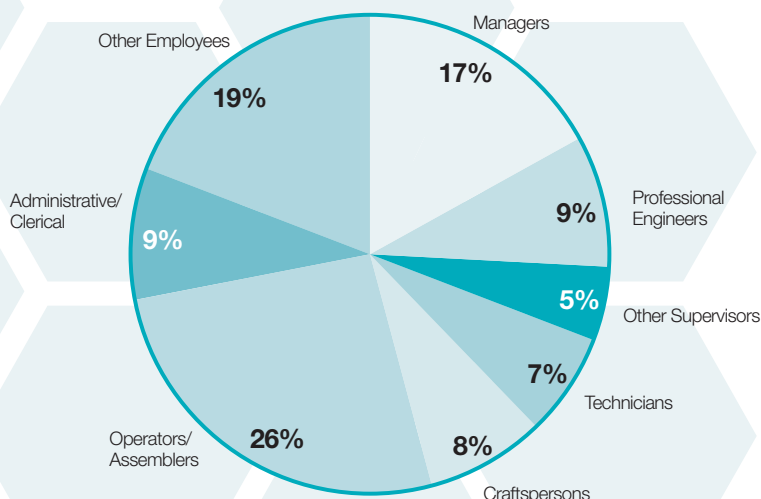


Manufacturing

What's happening?

- Manufacturing makes up a sixth of the UK economy, and accounts for over half of our exports.
- The largest proportion of manufacturing workers is to be found in the South East (13%).
- The Meat sub-sector employs the majority of people (40%) followed by Fruit and Vegetables (13%) and Beverages (10%).
- 39,700 are employed in the East of England Food and Drink Manufacturing Sector.
- The motor industry generated over £20 billion from overseas trade in 2005. The UK is fast becoming a global centre for engine manufacture.
- The automation of production lines and increased use of robotics have led to the need for higher level technical skills and IT operator skills.
- Employment in manufacturing has declined in recent years because of the comparatively low cost of manufacturing in other countries, particularly those in South East Asia and Eastern Europe.
- The impact of technological change will maintain a demand for professional and technical skills and a decline in craft and operator skills.

Who does what?



Source: Labour Force Survey 2006, © Crown Copyright. Figures are for England.

How much could I earn?

Remember – many jobs will demand minimum entry qualifications. Those earning high salaries are usually well qualified and experienced and will continue to learn throughout their working life.

	Annual mean salary
Assemblers and Routine Operatives	£18,495
Packers, Bottlers, Canners and Fillers	£15,012
Plant and Machine Operatives	£22,736
Process Operatives	£20,208
Production Managers	£43,569
Tool Makers, Tool Fitters and Markers-Out	£24,768

Salary rates have been calculated using the average gross pay for full-time workers. Figures are for the UK. Averages can hide higher earnings. With training and career development, higher salaries can be achieved. Source: Annual Survey of Hours & Earnings 2007, ONS © Crown Copyright.

Numbers employed within sector by local businesses

Essex LSC	56,800
Essex	48,200
Southend UA	3,700
Thurrock UA	4,900
UK	2,189,300

Source: Annual Business Inquiry, 2007, [Nomis 17 May 2007] © Crown Copyright. Figures do not include the self-employed, people under 16 or trainees without a contract of employment. Figures are rounded to nearest hundred.



What we think will happen

- This sector predicts a fall in overall UK employment of 22% in 1983 to just over 10% in 2012. However, there will still be an annual demand for new staff.
- There will be an increased demand for more flexible, 'multi-skilled' workers, who have both electrical and mechanical engineering skills. The demand for those with team leader skills will also increase.
- Skills shortages within the industry are likely to become more severe in the next five to ten years if more young people do not enter the industry, as the current workforce is an ageing one.
- In conjunction with the East of England Skills and Competitive Partnership, the engineering and manufacturing sector has been identified as a key priority sector.
- The engineering Apprenticeship has the largest number of apprentices in training of all sectors in the economy.
- Environmental audits of manufacturing businesses are becoming more commonplace and they will increasingly need to reduce effluent and toxic waste.
- There will be a new qualification called a Diploma in Manufacturing available from September 2009. This will help people prepare for university, college or work. Look out to see whether it's going to be on offer in your area.

Is this you?

- Enjoy making things
- Always pay attention to detail.
- Interested in craft, design and technology

What local students did in 2006

A total of 140 Year 11 local school leavers started full-time employment or work-based training in the manufacturing (including work machine operators and textiles) sector in 2006. (Essex 125, Southend 4 and Thurrock 11). Source: Connexions Essex, Southend and Thurrock 2006.

Some job suggestions

- Plastics Process Operative
- Printer
- Production Manager/Worker
- Quality Controller/Tester

Next steps...

If you're serious about this type of work - FIND OUT MORE!

Use your Connexions Resource Area in School/College or visit your local Connexions Centre/One Stop Shop for information about jobs; qualifications; local training; further and higher education; skills and personal characteristics; rates of pay and working conditions.

Really useful websites and resources!

SEMTA - Sector Skills Council for Science, Engineering and Manufacturing Technologies – www.semta.org.uk

Apprenticeships – www.apprenticeships.org.uk or **call the helpline on 08000 150600**

The Diploma – www.direct.gov.uk/diplomas

Jobs4u (careers database) – www.connexions-direct.com/jobs4u

Working in Booklets – case studies of people in a variety of jobs. (Manufacturing). Try your Connexions area, or download them from

www.connexions-direct.com. Go to careers>career resources>download publications>Working In

For learning opportunities and course information for 14-19 year olds in Essex, Southend and Thurrock, see www.stepon.org

For further information and advice please contact Connexions Direct in confidence (you don't have to give your name or personal details if you don't want to):

Email: via www.connexions-direct.com (click on the email link) • Telephone Connexions Direct on 080 800 13 2 19

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