



SOUTH EAST  
LOCAL ENTERPRISE  
PARTNERSHIP

# Chelmsford Economy Overview

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Emsi Q1 2018 Data Set, Sept 2018



# Economy Overview

Chelmsford

Emsi Q1 2018 Data Set

September 2018

# Parameters

## Regions

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Code	Description
22UF	Chelmsford

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## Timeframe

2011 - 2017

## Datarun

2018.1 – Employees

### Additional data sources and further information

Official Labour Market Statistics: [www.nomisweb.co.uk](http://www.nomisweb.co.uk)

FE Data Library: <https://www.gov.uk/government/collections/fe-data-library>

Chelmsford City Council: [www.chelmsford.gov.uk](http://www.chelmsford.gov.uk)

Office for National Statistics: <https://www.ons.gov.uk/>

Commuting patterns in and out of Chelmsford (2011 Census):

<https://www.nomisweb.co.uk/census/2011/WU03UK/chart/1132462217>

# Economy Overview




















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Population (2017)	174.7k
Jobs (2017)	84.7k
Average Wages (2017)	£25.6k
Exports (2014)	£3.9b
Imports (2014)	£6.0b

## Population

<b>174.7k</b> <b>2017 Population</b> 2.8% of Gov't Office Region	<b>3.2%</b> <b>Population Growth for the Last 5 Years</b> Gov't Office Region Growth 4.2%
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Age Group	2017 Population	% of Population	
Under 5 years	10,308	5.9%	
5 to 9 years	10,664	6.1%	
10 to 13 years	8,030	4.6%	
14 to 15 years	3,852	2.2%	
16 to 18 years	5,776	3.3%	
19 to 24 years	10,746	6.2%	
25 to 29 years	11,033	6.3%	
30 to 34 years	11,145	6.4%	
35 to 39 years	11,412	6.5%	
40 to 44 years	11,337	6.5%	
45 to 49 years	12,740	7.3%	
50 to 54 years	12,749	7.3%	
55 to 59 years	11,169	6.4%	
60 to 64 years	9,751	5.6%	
65 to 69 years	9,532	5.5%	
70 to 74 years	8,967	5.1%	
75 to 79 years	5,922	3.4%	
80 to 84 years	4,781	2.7%	
85 years and over	4,807	2.8%	

## Jobs by Industry

**84,705**

Total Jobs (2017)

SIC	Industry	2017 Jobs
A	Agriculture, Forestry and Fishing	520
B	Mining and Quarrying	33
C	Manufacturing	4,302
D	Electricity, Gas, Steam and Air Conditioning Supply	39
E	Water Supply; Sewerage, Waste Management and Remediation Activities	796
F	Construction	5,242
G	Wholesale and Retail Trade; Repair Of Motor Vehicles and Motorcycles	13,880
H	Transportation and Storage	3,857
I	Accommodation and Food Service Activities	4,656
J	Information and Communication	3,668
K	Financial and Insurance Activities	3,101
L	Real Estate Activities	1,209
M	Professional, Scientific and Technical Activities	6,255
N	Administrative and Support Service Activities	5,301
O	Public Administration and Defence; Compulsory Social Security	4,161
P	Education	7,809
Q	Human Health and Social Work Activities	15,892
R	Arts, Entertainment and Recreation	1,907
S	Other Service Activities	2,076

## Average Wages by Industry

**£25.6k**

Avg. Wages (2017)

90% of Nation Avg.




















SIC	Industry	Avg. Wages (2017)	
A	Agriculture, Forestry and Fishing	£21,345	
B	Mining and Quarrying	£57,191	
C	Manufacturing	£32,474	
D	Electricity, Gas, Steam and Air Conditioning Supply	£49,200	
E	Water Supply; Sewerage, Waste Management and Remediation Activities	£31,773	
F	Construction	£34,772	
G	Wholesale and Retail Trade; Repair Of Motor Vehicles and Motorcycles	£20,805	
H	Transportation and Storage	£28,277	
I	Accommodation and Food Service Activities	£17,817	
J	Information and Communication	£39,986	
K	Financial and Insurance Activities	£34,443	
L	Real Estate Activities	£25,082	
M	Professional, Scientific and Technical Activities	£34,796	
N	Administrative and Support Service Activities	£17,010	
O	Public Administration and Defence; Compulsory Social Security	£27,759	
P	Education	£23,206	
Q	Human Health and Social Work Activities	£23,387	
R	Arts, Entertainment and Recreation	£15,672	
S	Other Service Activities	£18,784	

## Region Exports

**£3.9b**

Exports (2014)




















62% of Supply

SIC	Industry	Exports (2014)
A	Agriculture, Forestry And Fishing	£53,677,403 
B	Mining And Quarrying	£902,925 
C	Manufacturing	£409,215,259 
D	Electricity, Gas, Steam And Air Conditioning Supply	£40,960,040 
E	Water Supply; Sewerage, Waste Management And Remediation Activities	£43,840,389 
F	Construction	£476,571,303 
G	Wholesale And Retail Trade; Repair Of Motor Vehicles And Motorcycles	£352,267,315 
H	Transportation And Storage	£135,567,978 
I	Accommodation And Food Service Activities	£62,143,320 
J	Information And Communication	£162,813,711 
K	Financial And Insurance Activities	£377,923,890 
L	Real Estate Activities	£64,893,418 
M	Professional, Scientific And Technical Activities	£249,535,006 
N	Administrative And Support Service Activities	£155,040,256 
O	Public Administration And Defence; Compulsory Social Security	£492,591,042 
P	Education	£175,614,296 
Q	Human Health And Social Work Activities	£553,945,428 
R	Arts, Entertainment And Recreation	£55,413,341 
S	Other Service Activities	£34,925,733 

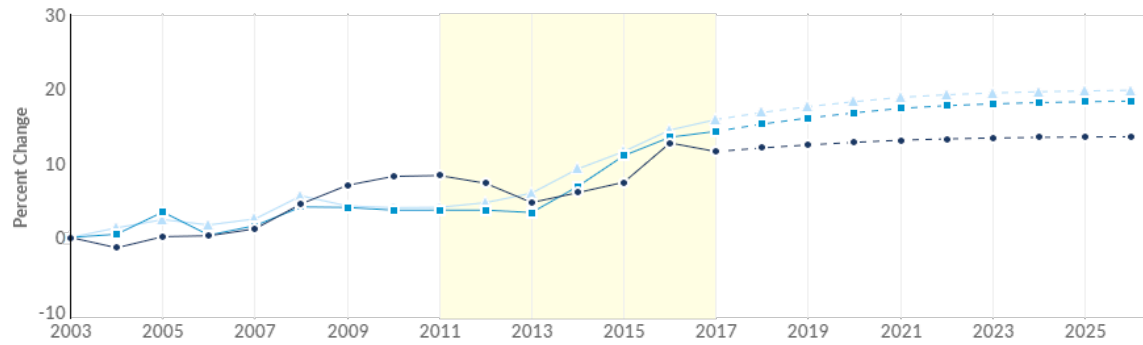


## Region Imports

<b>£6.0b</b> <b>Imports (2014)</b> 71% of Demand	<b>£2.4b</b> <b>Locally Produced &amp; Consumed (2014)</b> 29% of Demand
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SIC	Industry	Imports (2014)
A	Agriculture, Forestry And Fishing	£106,116,511 
B	Mining And Quarrying	£8,005,850 
C	Manufacturing	£999,464,695 
D	Electricity, Gas, Steam And Air Conditioning Supply	£235,982,287 
E	Water Supply; Sewerage, Waste Management And Remediation Activities	£45,694,748 
F	Construction	£95,162,826 
G	Wholesale And Retail Trade; Repair Of Motor Vehicles And Motorcycles	£1,057,710,436 
H	Transportation And Storage	£303,455,652 
I	Accommodation And Food Service Activities	£455,285,112 
J	Information And Communication	£307,783,867 
K	Financial And Insurance Activities	£526,040,517 
L	Real Estate Activities	£256,544,547 
M	Professional, Scientific And Technical Activities	£379,355,385 
N	Administrative And Support Service Activities	£238,584,008 
O	Public Administration And Defence; Compulsory Social Security	£15,896,693 
P	Education	£252,198,554 
Q	Human Health And Social Work Activities	£229,455,945 
R	Arts, Entertainment And Recreation	£295,716,271 
S	Other Service Activities	£172,165,171 

## Regional Trends



	Region	2011 Jobs	2017 Jobs	Change	% Change
●	Region	82,263	84,705	2,442	3.0%
●	LEP - South East (revised)	1,411,156	1,555,330	144,174	10.2%
●	Nation	26,588,784	29,606,940	3,018,156	11.4%

## Business Local Unit Size Distribution

### 2017 Overview







■ Small (1-49)
 ■ Medium (50-249)
 ■ Large (250+)



Category	2014 Local Units	2015 Local Units	2016 Local Units	2017 Local Units
0-4 Employees	5,834	6,253	6,501	6,710
5-9 Employees	1,089	1,098	1,049	1,078
10-19 Employees	668	654	646	660
20-49 Employees	444	442	432	428
50-99 Employees	166	139	147	141
100-249 Employees	76	77	76	86
250-499 Employees	25	23	23	18
500-999 Employees	10	4	5	7
1000+ Employees	4	4	3	3
<b>Total</b>	<b>8,316</b>	<b>8,694</b>	<b>8,883</b>	<b>9,131</b>







## Growing & Declining Occupations

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Occupation	Change in Jobs (2011-2017)	
Care workers and home carers	787	
Cleaners and domestics	638	
Nurses	467	
Further education teaching professionals	-482	
Primary and nursery education teaching professionals	-528	
Teaching and other educational professionals n.e.c.	-575	

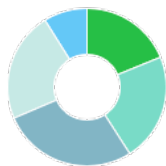
## Growing & Declining Industries

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Industry	Change in Jobs (2011-2017)
Other social work activities without accommodation n.e.c.	3,177 
Hospital activities	1,081 
Maintenance and repair of motor vehicles	724 
Primary education	-1,413 
Public administration and defence; compulsory social security	-2,837 
Other education n.e.c.	-3,740 

## 2017 Age Cohort Demographics

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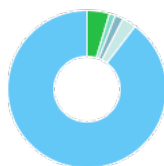
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	Age Cohort	2017 Population	2017 Percent
●	Under 16 years	32,854	18.8% 
●	16 to 34 years	38,700	22.1% 
●	35 to 54 years	48,238	27.6% 
●	55 to 74 years	39,419	22.6% 
●	75 years and over	15,510	8.9% 

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## 2017 Ethnicity Demographics

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	Ethnicity	2017 Population	2017 Percent
●	All Other Ethnicities	7,999	4.6% ■
●	Asian or Asian British: Indian	2,161	1.2%
●	Mixed: All Mixed	2,933	1.7%
●	White: Other White	5,025	2.9% ■
●	White: British	156,603	89.6% ■

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## Top Regional Businesses

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### Business Name

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E2v Technologies Uk Limited

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First Essex Buses Limited

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First Potteries Limited

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Graysons Limited

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First Eastern Counties Buses Limited

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# Appendix A - Data Sources and Calculations

## Input-Output Data

This report contains data from Emsi's Input-Output model. It is based on data from Office for National Statistics's Input-Output supply and use tables, Census flows data, UK Business Counts from BRES, and several Emsi in-house data sets.

## Equifax Business-Level Data

Data for individual businesses is provided by Equifax, which maintains a database of more than 5 million business entities in Great Britain. Note that in aggregate it will not be consistent with Emsi labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.