# THE SOCIETY OF MOTOR MANUFACTURERS AND TRADERS MOTOR INDUSTRY FACTS 2015 

VEHICLES ON
THE ROAD

## ENVIRONMENT

SAFETY AND
SECURITY

CONNECTED CARS

## WHAT IS SMMT?

The Society of Motor Manufacturers and Traders (SMMT) is one of the largest and most influential trade associations operating in the UK. Its resources, reputation and unrivalled automotive data place it at the heart of the UK automotive industry. It undertakes a variety of activities to support and represent the interests of the industry and has a long history of achievement.

Working closely with member companies, SMMT acts as the voice of the UK motor industry, supporting and promoting its interests, at home and abroad, to government, stakeholders and the media.

SMMT represents over 600 automotive companies in the UK, providing them with a forum to voice their views on issues affecting the automotive sector, helping to guide strategies and build positive relationships with government and regulatory authorities.

To find out how to join SMMT and for more information, visit www.smmt.co.uk/memberservices or e-mail membershipßsmmt.co.uk.


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## The UK is home to:




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UK AUTOMOTIVE
AT A GLANCE
UK AUTOMOTIVE INDUSTRY: PROFILE Wolverhampton engine plant - E 500 m invested

- 1,400 new jobs
- Plant to build new generation of lightweight, low-carbon engines

2. Two millionth Nissan Qashqai built in Sunderland


## 3. Ford Dagenham investment

- Ford announced $£ 475$ m investment into Dagenham engine plant, creating 318 new jobs
Investment to support manufacture of new low-carbon engines for cars and commercial vehicles
- Dagenham produced its three millionth lowcarbon diesel engine in September 2014


4. Land Rover Discovery Sport supply chain investment
Jaguar Land Rover secured £3.5bn of investment for UK supply chain companies with new model
5. Bentley invests $€ 40$ million
in R\&D

- New R\&D
centre at Crewe headquarters
- 300 new jobs
created

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## UK AUTOMOTIVE: BACKGROUND

In 2014 the UK automotive manufacturing industry...

| Turned over |
| :--- |
| £69.5 billion |
|  |
| Invested |
| £2.4 billion |
| in R\&D |


| Invested | Exported <br> products worth <br> $£ \mathbf{£ 2 . 1}$ billion <br> net capital <br> accounting for |
| :--- | :--- |
|  | $11.8 \%$ of the |
| Added <br> £15.5 billion total <br> in value to the | export goods |
| UK economy |  |



## UK AUTOMOTIVE AT A GLANCE

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## UK AUTOMOTIVE MANUFACTURING

UK AUTOMOTIVE AT A GLANCE

Top fives in production - 2014


Cars by brand

| Make | Volume |
| :--- | ---: |
| Nissan | 500,238 |
| Land Rover | 374,355 |
| MINI | 178,993 |
| Toyota | 172,215 |
| Honda | 121,799 |



Cars by model

| Model | Volume |
| :--- | ---: |
| Nissan Qashqai | 285,110 |
| MINI | 178,993 |
| Toyota Auris | 140,068 |
| Nissan Juke | 132,646 |
| Range Rover Evoque | 126,707 |



Commercial vehicles by brand

| Make | Volume |
| :--- | ---: |
| Vauxhall | 43,567 |
| DAF | 11,869 |
| Land Rover | 11,399 |
| Alexander Dennis | 1,793 |
| Dennis Eagle | 741 |

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Top 15 global automotive manufacturers in 2014

| Rank | Country | Cars | Commercial vehicles | Total | \% change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | China | 19,919,795 | 3,803,095 | 23,722,890 | 7.3\% |
| 2 | USA | 4,253,098 | 7,407,601 | 11,660,699 | 5.4\% |
| 3 | Japan | 8,277,070 | 1,497,488 | 9,774,558 | 1.5\% |
| 4 | Germany | 5,604,026 | 303,522 | 5,907,548 | 3.3\% |
| 5 | South Korea | 4,124,116 | 400,816 | 4,524,932 | 0.1\% |
| 6 | India | 3,158,215 | 681,945 | 3,840,160 | -1.5\% |
| 7 | Mexico | 1,915,709 | 1,449,597 | 3,365,306 | 10.2\% |
| 8 | Brazil | 2,314,789 | 831,329 | 3,146,118 | -15.3\% |
| 9 | Spain | 1,898,342 | 504,636 | 2,402,978 | 11.1\% |
| 10 | Canada | 913,533 | 1,480,357 | 2,393,890 | 0.6\% |
| 11 | Russia | 1,683,677 | 202,969 | 1,886,646 | -13.6\% |
| 12 | Thailand | 742,678 | 1,137,329 | 1,880,007 | -23.5\% |
| 13 | France | 1,495,000 | 322,000 | 1,817,000 | 4.4\% |
| 14 | UK | 1,528,148 | 70,731 | 1,598,879 | 0.1\% |
| 15 | Indonesia | 1,011,260 | 287,263 | 1,298,523 | 7.6\% |

Top 10 European automotive manufacturers in 2014

| Rank | Country | Cars | Commercial Vehicles | Total | \% change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Germany | 5,604,026 | 303,522 | 5,907,548 | 3.3\% |
| 2 | Spain | 1,898,342 | 504,636 | 2,402,978 | 11.1\% |
| 3 | France | 1,495,000 | 322,000 | 1,817,000 | 4.4\% |
| 4 | UK | 1,528,148 | 70,731 | 1,598,879 | 0.1\% |
| 5 | Czech Rep | 1,246,506 | 4.714 | 1,251,220 | 10.4\% |
| 6 | Slovakia | 993,000 | 0 | 993,000 | 1.8\% |
| 7 | Italy | 401,317 | 296,547 | 697,864 | 6.0\% |
| 8 | Poland | 473,000 | 120,904 | 593,904 | 0.6\% |
| 9 | Belgium | 481,637 | 35,195 | 516,832 | 2.6\% |
| 10 | Romania | 391,422 | 0 | 391,422 | -4.8\% |
| Source: OICA 2014 |  |  |  |  |  |
| *See page 12 for 2014 UK car manufacturing data |  |  |  |  |  |

UK AUTOMOTIVE INDUSTRY: PROFILE

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UK car manufacturing -
selected years with AutoAnalysis forecasts 2015-2018


The value of the average car exported today has doubled

UK AUTOMOTIVE AT A GLANCE
from $£ 10,200$ in 2004 to £21,900 today

UK AUTOMOTIVE INDUSTRY: PROFILE


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UK car manufacturing - 2013 vs 2014

|  | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | \% Change |
| :--- | ---: | ---: | ---: |
| Total | $1,509,762$ | $1,528,148$ | $1.2 \%$ |
| Home | 308,367 | 332,952 | $8.0 \%$ |
| Export | $1,201,395$ | $1,195,196$ | $-0.5 \%$ |
| \% export | $79.6 \%$ | $78.2 \%$ |  |

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Key UK manufacturing sites

| Key | Manufacturer | Location | Sector | Model |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Alexander Dennis | Falkirk and Guildford | Bus and coach | Enviro bus range |
| 2 | Aston Martin | Gaydon | Car | DB9, Rapide, Virage, DBS and One-77 |
| 3 | Bentley | Crewe | Car and engine | Continental, Flying Spur and Mulsanne |
| 4 | BMW | Hams Hall | Engine | Engine range |
| 5 | Caterham | Dartford | Car | Seven |
| 6 | Cummins | Darlington | Engine | Engine range |
| 7 | Dennis Eagle | Warwick | CV | Nand W truck range/ Elite 2 truck range? |
| 8 | Euromotive | Hythe | Bus and coach | Minibus range |
| 9 | Ford | Bridgend and Dagenham | Engine | Engine range |
| 10 | Honda | Swindon | Car and engine | Civic, CR-V and Jazz |
| 11 | Jaguar Land Rover | Castle Bromwich and Wolverhampton | Car and engine | Jaguar: F-Type, <br> $\mathrm{XJ}, \mathrm{XF}$ and XK <br> New engine range |
| 12 | Jaguar Land Rover | Solihull and Halewood | Car | Land Rover: <br> Defender, <br> Discovery, <br> Discovery Sport, <br> Range Rover, <br> Range Rover <br> Sport, Evoque and <br> Freelander. <br> Jaguar XE |
| 13 | John Dennis Coachbuilders | Guildford | Bus and coach | Fire vehicles |
| 14 | Leyland Trucks | Leyland | CV | DAF CF, LF and XF truck range |
| 15 | Lotus | Norwich | Car | Elise, Evora and Exige |
| 16 | LTC | Coventry | CV | TX Taxi |
| 17 | McLaren Automotive | Woking | Car | MP4-12C and P1 |
| 18 | Mellor | Rochdale | Bus and coach | Accessible coach range |
| 19 | MG Motor | Longbridge | Car | MG3 and MG6 |
| 20 | MINI | Oxford | Car | MINI 3-Door Hatch, MINI 5-Door Hatch, MINI Convertible, MINI Clubman, MINI Coupé, and MINI Roadster |
| 21 | Minibus Options | Whaley Bridge | Bus and coach | Minibus range |
| 22 | Morgan | Malvern | Car | Aero, Aero Supersport, Aero Coupe, 4/4, Plus 4. Plus 8, Roadster, 4 Seater and 3 Wheeler |
| 23 | Nissan | Sunderland | Car and engine | Juke, LEAF, Note and Qashqai |
| 24 | Optare | Leeds | Bus and coach | Solo, Tempo and Versa bus range |
| 25 | Plaxton | Scarborough | Bus and coach | Cheetah, Elite, Panther, Paragon coach bodies and Enviro bus range |
| 26 | Rolls-Royce | Goodwood | Car | Ghost, Phantom and Wraith |
| 27 | Toyota | Burnaston | Car and engine | Auris and Avensis |
| 28 | Vauxhall | Ellesmere Port | Car, CV and bus and coach | Astra, Vivaro van and minibus range |
| 29 | Warnerbus | Dunstable | Bus and coach | Minibus range |
| 30 | Wrightbus | Ballymena (NI) | Bus and coach | Bus range |

In 2014 2,394,668 engines
were built in the UK

There are around 2,500 automotive component providers in the UK

In 2014 UK automotive manufacturers produced 1,598,879 vehicles

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Commercial vehicles and engines

## UK CV manufacturing volumes



UK CV manufacturing 2014 vs 2013

|  | 2013 | 2014 | \% <br> Change |
| :--- | :---: | :---: | :---: |
| Total | 88,110 | 70,731 | $-19.7 \%$ |
| Home | 40,200 | 35,909 | $-10.7 \%$ |
| Export | 47,910 | 34,822 | $-27.3 \%$ |
| \% export | $54.4 \%$ | $49.2 \%$ |  |



## UK engine manufacturing volumes - 2014



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2,476,435 cars were registered in 2014


Top 10 sellers in 2014
2014 was the highest number of new car registrations in 10 years

|  | Model | Volume |
| :---: | :--- | ---: |
| 1 | Ford Fiesta | 131,254 |
| 2 | Ford Focus | 85,140 |
| 3 | Vauxhall Corsa | 81,783 |
| 4 | Volkswagen Golf | 73,880 |
| 5 | Vauxhall Astra | 59,689 |
| 6 | Nissan Qashqai | 49,909 |
| 7 | Volkswagen Polo | 48,004 |
| 8 | Audi A3 | 45,581 |
| 9 | Fiat 500 | 44,005 |
| 10 | Nissan Juke | 39,263 |

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Best-selling models by colour in 2014

| Model | Volume |
| :--- | ---: |
| Beige | Fiat 500 |
| Bronze | Toyota Auris |
| Brown | Honda Jazz |
| Gold | Ford B-Max |
| Maroon | Skoda Yeti |
| Mauve | Peugeot 107 |
| Orange | MINI |
| Pink | Peugeot 208 |
| Turquoise | Toyota Yaris |
| Yellow | Ford Fiesta |
|  |  |

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2014 registrations by sales type


Top five new car registrations in 2014 by sales type

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Private |  | Fleet |  | Business |  |
| Model | Volume | Model | Volume | Model | Volume |
| Ford Fiesta | 79,434 | Ford Focus | 53,825 | Vauxhall Corsa | 12,340 |
| Vauxhall Corsa | 36,385 | Volkswagen Golf | 47,892 | Nissan Micra | 4,776 |
| Volkswagen Polo | 32,211 | Ford Fiesta | 47,641 | Toyota Yaris | 4,642 |
| Fiat 500 | 28,279 | Vauxhall Astra | 40,812 | Nissan Juke | 4,624 |
| Ford Focus | 28,083 | Vauxhall Corsa | 33,058 | Ford Fiesta | 4,179 |

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New car registrations by fuel type - 2004 vs 2014


In 2014 pure electric car registrations increased 167\%

The change in segment registrations - 2004 vs 2014


UPPER MEDIUM: 50.19\%


EXECUTIVE: +9.56\%



LUXURY SALOON: -28.22\%


MULTI PURPOSE: +31.77\%

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Top cars registered by segment


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Top cars registered by segment


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| Model | Volume | Segment <br> share |
| :--- | ---: | ---: |
| Mercedes-Benz SLK | 5.451 | $12.7 \%$ |
| Volkswagen Scirocco | 4,210 | $9.8 \%$ |
| Audi TT | 4,171 | $9.7 \%$ |
| Mazda MX-5 | 2,982 | $6.9 \%$ |
| BMW 6 Series | 2,830 | $6.6 \%$ |
| Segment total: 42,817 |  |  |


| Model | Volume | Segment <br> share |
| :--- | ---: | ---: |
| Ford Kuga | 24,353 | $8.3 \%$ |
| Kia Sportage | 21,575 | $7.3 \%$ |
| Range Rover Evoque | 18,723 | $6.4 \%$ |
| Volkswagen Tiguan | 16,954 | $5.7 \%$ |
| Hyundai Ix35 | $\mathbf{1 6 , 8 9 0}$ | $5.7 \%$ |

Segment total: 42,817
Segment total: 292,347

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International new car registrations - 2014


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Commercial vehicle registrations - 2008-2014


2014 commercial vehicle registrations

|  | LCVs up to <br> $3.5 t$ | Rigids | Artics | Bus and <br> coach |
| :--- | :---: | :---: | :---: | :---: |
| Volume | 321,686 | 25,888 | 15,581 | 3,440 |
| \% change | $\mathbf{1 8 . 7 \%}$ | $-23.1 \%$ | $-31.0 \%$ | $-6.6 \%$ |

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Age of used cars sold in 2014



Top 10 used best-sellers

| Make | Total |
| :--- | :--- |
| Ford Focus | 326,808 |
| Ford Fiesta | 324,275 |
| Vauxhall Corsa | 316,750 |
| Vauxhall Astra | 276,007 |
| Volkswagen Golf | 236,272 |
| Renault Clio | 174,754 |
| Peugeot 206 | 139,024 |
| Volkswagen Polo | 134,792 |
| Ford Mondeo | 120,113 |
| Renault Megane | $\mathbf{1 1 6 , 1 8 9}$ |

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Cars on the road 2005-2014


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Reductions in emissions
UK average $\mathrm{CO}_{2}$ emissions in new cars - 2005-2014


If particulate matter (PM10) emitted per kilometre
from diesel cars was measured in grains of sand...


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Reduction in diesel car $\mathrm{NO}_{\mathrm{x}}$ emissions, Euro-3 to Euro-6


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2014 alternatively-fuelled
registrations by type
$\mathrm{CO}_{2}$ emissions by sector (DECC)


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Contribution of $\mathrm{NO}_{\mathrm{x}}$ emissions in the UK



UK NOx emissions from passenger cars have fallen $\mathbf{8 1 \%}$ since 1990 - the biggest reduction of any sector

Source: DEFRA AQP

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Source: ONS 2014
The recall response rate in the UK is more than $\mathbf{9 0 \%}$ - one of the highest in Europe

The take up of driverless technology


For every 10,000 errors made by a human driver, an autonomous vehicle will make just one
Source: Institution of Engineering and Technology


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## SMMT SUBSIDIARIES AND PARTNERSHIPS

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## Automotive Council

The Automotive Council was established in 2009
as a collaborative partnership between industry and government to shape the future of the UK's automotive industry.

Bringing together senior executives from across the industry, the work of the Council is channelled through three working groups: the Supply Chain Group, the Technology Group and the Business Environment and Skills Group. With top-level political and industry support, the Council is able to support the UK's dynamic, innovative and cutting-edge automotive sector.
www.automotivecouncil.co.uk

SMMT Industry Forum
Industry Forum was formed in 1994, initially as a unique collaboration between leading vehicle manufacturers, SMMT and government to improve the performance and competitiveness of the UK's automotive supply chain.

Continued measurable success has led to sustained growth into many other sectors including aerospace, construction, domestic appliances, electronics and food. Industry Forum now provides support to blue chip organisations in more than 30 countries across five continents. www.industryforum.co.uk

INDUSTRY: PROFILE

## Motor Codes

Motor Codes operates Trading Standards- approved codes of

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practice, outlining clear-cut customer service level expectations in the new car sales, service and repair, and vehicle warranty sectors.
It serves as a business driver for subscribing garages and offers reassurance to motorists through transparent online garage ratings and an independent advisory service.
www.motorcodes.co.uk
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## SMMT PUBLICATIONS AND USEFUL LINKS

## SMMT reports and publications

- Annual Sustainability Report
www.smmt.co.uk/sustainability
- Dealer Energy Efficiency Guide www.smmt.co.uk/dealerenergyefficiency
- Invest Now Report
http://www.smmt.co.uk/invest-now/
- New Car CO2 Report 2014 http://www.smmt.co.uk/co2report


## More information

ACEA (Association des Constructeurs Européens d'Automobiles)
www.acea.be
Automotive Council
www.automotivecouncil.co.uk

BIS (Department for Business, Innovation and Skills)
www.bis.gov.uk
BVRLA (British Vehicle Rental and Leasing Association) www.bvrla.co.uk

DfT (Department for Transport) www.dft.gov.uk
DVLA (Driver and Vehicle Licensing Agency) www.dft.gov.uk/dvla

EEF - The Manufacturers' Organisation www.eef.org.uk

European Commission www.ec.europa.eu/index_en.htm

FTA (Freight Transport Association) www.fta.co.uk

Higher Apprenticeship Fund www.apprenticeships.org.uk

LowCVP
www.lowcvp.org.uk
Motor Codes
www.motorcodes.co.uk
OLEV (Office for Low Emission Vehicles) www.dft.gov.uk/topics/sustainable/olev/

RMI (Retail Motor Industry Federation) www.rmif.co.uk

RHA (Road Haulage Association) www.rha.uk.net

## RoadSafe

www.roadsafe.com
SMMT Award for Automotive Innovation www.smmt.co.uk/aai

SMMT Industry Forum www.industryforum.co.uk

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