MOTOR INDUSTRY

## SMMT MOTOR INDUSTRY FACTS 2023

## WHAT IS SMMT?

The Society of Motor Manufacturers and Traders (SMMT) is one of the largest and most influential trade associations 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 more than 800 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 email membership@smmt.co.uk
Keep up to date with the latest news, comment and insight from SMMT, covering all key UK automotive industry issues, developments and trends, including market and manufacturing performance across every sector.
media.smmt.co.uk
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UK AUTOMOTIVE AT A GLANCE


## UK AUTOMOTIVE EMPLOYMENT



## UK AUTOMOTIVE: BACKGROUND

In 2021 the UK automotive manufacturing industry...

## Turned over £67 billion

Invested
£ 3 billion in $R \& D$

Invested £2.1 billion net capital

Added

$£ 14.1$ billion in value to the UK economy

Exported products worth £32 billion, accounting for $10 \%$ of the UK's total export goods

## UK AUTOMOTIVE MANUFACTURING

Top fives in production - 2022


Cars by brand

| Make | Volume |
| :--- | ---: |
| Nissan | 238,329 |
| Jaguar Land Rover | 202,788 |
| MINI | 186,222 |
| Toyota* | 105,590 |
| Bentley | 15,639 |



Cars by model

| Model | Volume (production) |
| :--- | ---: |
| MINI | 159,795 |
| Nissan Qashqai | 157,620 |
| Toyota Corolla | 101,458 |
| Nissan Juke | 49,802 |
| Range Rover | 42,885 |



Commercial vehicles by brand

| Make | Volume |
| :--- | ---: |
| STELLANTIS |  |
| (Vauxhall, Opel., |  |
| Peugeot, Citroén) |  |$\quad 77,458$

UK AUTOMOTIVE PRODUCTION BY FUEL TYPE, 2019-2022


## UK CAR MANUFACTURING

UK car manufacturing 2015 to 2022


## 775,014

 cars built in the UK in 2022UK car manufacturing - 2021 to 2022

|  | 2021 | 2022 | \% Change |
| :--- | :---: | :---: | :---: |
| Total | 859,575 | 775,014 | $-9.8 \%$ |
| Home | 153,749 | 168,176 | $9.4 \%$ |
| Export | 705,826 | 606,838 | $-14.0 \%$ |
| \% Export | $82.1 \%$ | $78.3 \%$ |  |

## UK CAR EXPORTS

## 606,838

cars manufactured for export in 2022

## 8 out of 10

cars made in the UK are exported


TOP EXPORT DESTINATIONS FOR UK CARS
The UK exports to more than
130+
markets worldwide

| Worldwide |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EU27 | 349,424 | 57.6\% | Australia | 11,347 | 1.9\% |
| U.S.A. | 80,967 | 13.3\% | Turkey | 8,446 | 1.4\% |
| China | 52,612 | 8.7\% | Canada | 8,144 | 1.3\% |
| Japan | 17,796 | 2.9\% | Switzerland | 5,651 | 0.9\% |
| South Korea | 11,953 | 2.0\% | South Africa | 4,145 | 0.7\% |

## GLOBAL AUTOMOTIVE MANUFACTURING

Top 18 global automotive manufacturers in 2022

| Rank | Country | Cars | Commercial vehicles | Total | \% change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | China | 23,836,083 | 3,184,532 | 27,020,615 | 3\% |
| 2 | USA | 1,751,736 | 8,308,603 | 10,060,339 | 10\% |
| 3 | Japan | 6,566,356 | 1,269,163 | 7,835,519 | 0\% |
| 4 | India | 4,439,039 | 1,017,818 | 5,456,857 | 24\% |
| 5 | South Korea | 3,438,355 | 318,694 | 3,757,049 | 9\% |
| 6 | Germany | 3,480,357 | 197,463 | 3,677,820 | 11\% |
| 7 | Mexico | 658,001 | 2,851,071 | 3,509,072 | 10\% |
| 8 | Brazil | 1,824,833 | 544,936 | 2,369,769 | 5\% |
| 9 | Spain | 1,785,432 | 434,030 | 2,219,462 | 6\% |
| 10 | Thailand | 594,057 | 1,289,458 | 1,883,515 | 12\% |
| 11 | Indonesia | 1,214,250 | 255,896 | 1,470,146 | 31\% |
| 12 | France | 1,010,466 | 372,707 | 1,383,173 | 2\% |
| 13 | Turkey | 810,889 | 541,759 | 1,352,648 | 6\% |
| 14 | Canada | 289,371 | 939,364 | 1,228,735 | 10\% |
| 15 | CzechRepublic | 1,217,787 | 6,669 | 1,224,456 | 10\% |
| 16 | Slovakia | 1,000,000 | 0 | 1,000,000 | -3\% |
| 17 | UK | 775,014 | 101,600 | 876,614 | -6\% |
| 18 | Italy | 473,194 | 323,200 | 796,394 | 0\% |

Up to date info from OICA: www.oica.net/category/production-statistics/2022-statistics/

Top 10 European automotive manufacturers in 2022

| Rank | Country | Cars | Commercial Vehicles | Total | \% change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Germany | 3,480,357 | 197,463 | 3,677,820 | 11\% |
| 2 | Spain | 1,785,432 | 434,030 | 2,219,462 | 6\% |
| 3 | France | 1,010,466 | 372,707 | 1,383,173 | 2\% |
| 4 | Czech Republic | 1,217,787 | 6,669 | 1,224,456 | 10\% |
| 5 | Slovakia | 1,000,000 | 0 | 1,000,000 | -3\% |
| 6 | UK | 775,014 | 101,600 | 876,614 | -6\% |
| 7 | Italy | 473,194 | 323,200 | 796,394 | 0\% |
| 8 | Romania | 509,465 | 0 | 509,465 | 21\% |
| 9 | Poland | 255,100 | 228,740 | 483,840 | 10\% |
| 10 | Hungary | 441,729 | 0 | 441,729 | 6\% |

UK AUTOMOTIVE MANUFACTURING

Key UK manufacturing sites

| Key | Manufacturer | Location | Sector | Model |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Alexander Dennis | Falkirk, Guildford and Scarborough | Bus and coach | Enviro bus range |
| 2 | Aston Martin | Gaydon | Car | DBS Superleggera, DB11, Rapide S, Valkyrie, Vantage |
| 3 | Aston Martin | St Athans | Car | DBX |
| 4 | Autocraft | Grantham | Engine | Engine range |
| 5 | Bentley | Crewe | Car and engine | Bentayga, Continental GT, Flying Spur |
| 6 | BMW | Hams Hall | Engine | Engine range |
| 7 | Caterham | Dartford | Car | Seven |
| 8 | Cummins | Darlington | Engine | Engine range |
| 9 | Dennis Eagle | Warwick | CV | Truckrange |
| 10 | Euromotive | Dover | Bus and Coach | Minibus range |
| 11 | Euromotive | Hythe | Bus and Coach | Minibus range |
| 12 | Ford | Bridgend and Dagenham | Engine | Engine range |
| 13 | Gordon Murray Automotive | Guildford | Car | T.33, T. 50 |
| 14 | Jaguar <br> Land Rover | Castle Bromwich and <br> Wolverhampton | Car, engine and battery | Engine range <br> Jaguar: F-Pace, F-Type, <br> XE, XF |
| 15 | Jaguar <br> Land Rover | Solihull and Halewood | Car | Jaguar: F-Type <br> Land Rover: Discovery <br> Sport, Evoque, Range <br> Rover, Range Rover <br> Sport, Velar |
| 16 | Leyland Trucks | Leyland | CV | DAF CF, LF and XF truck range |
| 17 | Lotus | Norwich | Car | Emira, Evija |
| 18 | LEVC | Coventry | cV | TX Taxi, VN5 |
| 19 | McLaren Automotive | Woking | Car | GT, 765, 720 and Artura |
| 20 | Mellor | Rochdale | Bus and coach | Accessible coach range |
| 21 | MINI | Oxford | Car | MINI 3-Door Hatch, MINI 5-Door Hatch, MINI Clubman, MINI Electric |
| 22 | Minibus Options | Whaley Bridge | Bus and coach | Minibus range |
| 23 | Morgan | Malvern | Car | Plus Four, Plus Six, Super 3 |
| 24 | Nissan | Sunderland | Car, engine and battery | Juke, LEAF and Qashqai |
| 25 | Plaxton | Scarborough | Bus and coach | Cheetah, Elite, Leopard, Panorama and Panther coach bodies and Enviro bus range |
| 26 | Ricardo | Shoreham-by-Sea | Engine | Engine range |
| 27 | Rolls-Royce | Goodwood | Car | Cullinan, Dawn, Ghost, Phantom and Wraith |
| 28 | Switch Mobility | Leeds | Bus and coach | Metrocity, Solo, Tempo and Versa bus range |
| 29 | Toyota | Burnaston | Car and engine | Corolla, Suzuki Swace |
| 30 | Toyota | Deeside | Engine | Engine range |
| 31 | Vauxhall | Ellesmere Port | CV | Vauxhall Combo-e, <br> Peugeot e-Partner and Citroen e-Berlingo |
| 32 | Vauxhall | Luton | CV | Vivaro, Peugeot Expert and Citroen Dispatch vans |
| 33 | Warnerbus | Dunstable | Bus and coach | Minibus range |
| 34 | Wrightbus | Ballymena (NI) | Bus and coach | Bus range |



## COMMERCIAL VEHICLE MANUFACTURING

UK commercial vehicle manufacturing volumes:


Proportion of British-built CVs exported to global markets
60.2\%
in 2022

## 92.8\%

of CVs produced for export were sent to the EU

## UK ENGINE PRODUCTION

## UK engine manufacturing down -7.9\% in 2022 Total units 1,512,015

## 8,000

jobs in UK light vehicle
engine production
3,500
jobs reliant on UK diesel
engine production

## £8.5 billion

turnover value in light vehicle engine production

## UK INVESTMENT IN ELECTRIFIED VEHICLE PRODUCTION AND R\&D SINCE 2011

North West
C3.440n
Bentley, Ford, Stellantis, Jaguar Land Rover
Northern Ireland
£5.5m
Wrightbus
West Midlands
£4.74bn
Polestar, Jaguar Land Rover, LEVC, Ola, REE
Wales
£50m
Aston Martin, Toyota
Total investment: $£ 11.6 \mathrm{bn}$ Total jobs: 14,320


Publically announced investments

## FIVE CRUCIAL UK AUTOMOTIVE ASKS

UK AUTOMOTIVE SUPPLY CHAIN


## UK ELECTRIC VEHICLE SUPPLY CHAIN

The UK produces almost every component required to manufacture zero emission vehicles in some capacity


## THE IMPORTANCE OF THE AFTERMARKET TO THE UK ECONOMY



## UK AUTOMOTIVE: £77 BILLION TRADE HUB

UK VEHICLES ARE THE
SINGLE MOST VALUED

SECTOR GENERATES

TRADE WORTH MORE THAN GHI



NEW CAR REGISTRATIONS

Annual new car registrations

- 2013 to 2022


New car registrations by fuel type - 2013 to 2022


Top 10 UK sellers in 2022

|  | Model | Volume |
| :--- | :--- | :---: |
| 1 | Nissan Qashqai | 42,704 |
| 2 | Vauxhall Corsa | 35,910 |
| 3 | Tesla Model Y | 35,551 |
| 4 | Ford Puma | 35,088 |
| 5 | MINI | 32,387 |
| 6 | Kia Sportage | 29,655 |
| 7 | Hyundai Tucson | 27,839 |
| 8 | Volkswagen Golf | 26,558 |
| 9 | Ford Kuga | 26,549 |
| 10 | Ford Fiesta | 25,070 |

## REGISTRATIONS OF ALTERNATIVELY FUELLED VEHICLES

New battery electric, plug-in hybrid and hybrid electric vehicle registrations


Available models 2022


## PLUG-IN CARS TO SLOW/FAST PUBLIC CHARGER RATIO



## CHANGING CONSUMER TASTES

Changing tastes in car colour: Top five, 2001-2022


Shift in market segment - 2013 vs 2022


LUXURY SALOON -56.5\% 20138,346/2022 3,635


MULTI PURPOSE -28.7\% 2013 150,766 / 202261,872


DUAL PURPOSE +75.5\% 2013 248,003/2022435,182


MINI -83.2\%
2013 80,377 / 2022 13,523


UPPER MEDIUM -46.1\% 2013 208,462 / 2022 112,314


EXECUTIVE -77.7\% 2013 119,745 / 2022 26,608


SUPER MINI -39.6\% 2013812,491/2022490,876


SPECIALIST SPORTS -51.5\% 201347,544/202223,057

## REGISTRATIONS BY SALES TYPE

2022 registrations by sales type
Top five new car registrations in 2022 by sales type


## REGISTRATIONS BY SEGMENT

Top five cars registered by segment


| Model | Volume | Segment share |
| :--- | ---: | :---: |
| Hyundai i10 | 8,834 | $65.3 \%$ |
| Volkswagen up! | 3,433 | $25.4 \%$ |
| Smart EQ forfour | 647 | $4.8 \%$ |
| Smart EQ fourtwo coupé | 541 | $4.0 \%$ |
| Smart EQ fourtwo cabrio | 68 | $0.5 \%$ |


| Model | Volume | Segment share |
| :--- | :---: | :---: |
| Vauxhall Corsa | 35,910 | $7.3 \%$ |
| Ford Puma | 35,088 | $7.1 \%$ |
| MINI | 32,387 | $6.6 \%$ |
| Ford Fiesta | 25,070 | $5.1 \%$ |
| Toyota Yaris | 23,636 | $4.8 \%$ |

Segment total: 490,874

| Model | Volume | Segment share |
| :--- | :---: | :---: |
| Nissan Qashqai | 42,704 | $9.55 \%$ |
| Volkswagen Golf | 26,558 | $5.94 \%$ |
| Kia Niro | 24,216 | $5.42 \%$ |
| Vauxhall Mokka | 22,176 | $4.96 \%$ |
| Audi A3 | 20,791 | $4.65 \%$ |

Segment total: 446,996

## REGISTRATIONS BY SEGMENT

Top five cars registered by segment


Segment total：3，635

## REGISTRATIONS BY SEGMENT

Top five cars registered by segment


| Model | Volume | Segment share |
| :--- | :---: | :---: |
| Porsche Taycan | 5,072 | $22.0 \%$ |
| Porsche 911 | 3,103 | $13.5 \%$ |
| Audi TT | 2,672 | $11.6 \%$ |
| Audi E-Tron GT | $\mathbf{1 , 6 0 1}$ | $6.9 \%$ |
| BMW 8 Series | 1,365 | $5.9 \%$ |


| Model | Volume | Segment share |
| :--- | :---: | :---: |
| Kia Sportage | 29,655 | $6.8 \%$ |
| Hyundai Tucson | 27,839 | $6.4 \%$ |
| Ford Kuga | 26,549 | $6.1 \%$ |
| MG ZS | 18,388 | $4.2 \%$ |
| Volvo XC40 | 17,067 | $3.9 \%$ |


| Model | Volume | Segment share |
| :--- | :---: | :---: |
| Tesla Model Y | 35,551 | $57.46 \%$ |
| Ford Tourneo Custom | 4,037 | $6.52 \%$ |
| Dacia Jogger | 2,832 | $4.58 \%$ |
| Ford Tourneo Connect | 1,987 | $3.21 \%$ |
| Peugeot Rifter | 1,617 | $2.61 \%$ |

Segment total: 61,872
Segment total: 23,057
Segment total: 435,182

## COMMERCIAL VEHICLE REGISTRATIONS

Van registrations - 2016 to 2022


2022 HGV, bus and coach registrations


## VEHICLES ON THE ROAD

TOTAL VEHICLES ON THE ROAD 40，723，974


## VEHICLES ON THE ROAD

WHAT＇S
POWERING
OUR CARS？

58．6\％
$35.8 \% \quad 2.7 \%$


HEV


## VEHICLES ON THE ROAD

The LCV's contribution to the UK economy
 people use or depend on vans for their work


Vans support $10 \%$ of the UK's workforce, delivering a combined wage bill of
E56 billion,
or 11\%
of UK GDP

## VEHICLES ON THE ROAD



## ENVIRONMENT - CO2

AVERAGE CO2 EMISSIONS FOR NEWLY REGISTERED CARS FELL IN 2022



Source: SMMT 2022

## CONNECTED AND AUTOMATED VEHICLES

Potential overall impact of CAVs on the UK economy by 2030


## CONNECTED AND AUTOMATED VEHICLES

## 8N10

new cars available with driver assistance systems

Distance Indication
helps drivers keep a safe following
distance from the vehicle ahead.

## 83.6\%

of new cars offered with a self-activating safety system


Auto High Beam detects headlights and tail lights of other vehicles and automatically switches to high or low beams.
70.7\%
of new cars are available with Advanced Emergency Braking System technology

Advanced Emergency Braking System
reacts quickly to apply the brakes in the event of a collision.

## 1.9 million

buyers a year able to benefit from collision avoidance technology


Forward Collision Warning warns drivers of an imminent frontal collision.
55.5\%
of new cars are available with Adaptive Cruise Control

Adaptive Cruise Control

automatically adjusts speed to maintain
a safe distance from vehicles ahead.

## 54.2\%

of new cars are available with
Overtaking Sensors


Blind Spot Information System
helps detect vehicles in driver's blind spot when changing tane.

## SMMT GROUP

## SMMT Industry Forum

iffIndustry Forum, a training and business consultancy, initially formed in 1996 as a unique collaboration between leading vehicle manufacturers, SMMT and government to improve the $F_{0} r_{\mathrm{u}} \mathrm{m}$ 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

## The Motor Ombudsman



THE MOTOR OMBUDSMAN the UK's motor industry, drives up standards and gives consumers added protection through its comprehensive Chartered Trading Standards Institute (CTSI)-approved Motor Industry Codes of Practice.

## www.themotorombudsman.org

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