



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



CONTENTS

6
7
8
9
10
11
12
13-15
16
17
e 2011 18
19
20

Kautomotive supply chain	20
K electric vehicle supply chain	21
K AUTOMOTIVE AFTERMARKET	22
K AUTOMOTIVE: £77 BILLION TRADE HUB	23
EGISTRATIONS	24-32
ew car registrations	24
egistrations of AFVs	25
ug-in cars to slow/fast public charger ratio	26
egistrations by colour	27
egistrations by sales type	28
egistrations by segment	29-31
ommercial vehicle registrations	32
EHICLES ON THE ROAD	33-36
NVIRONMENT – CO ₂	37
ONNECTED CARS	38-39
MMT GROUP	40



Major premium and sports car £67 billion manufacturers UK automotive turnover in 2021 Commercial vehicle manufacturers 1,614,063 New cars registered in 2022 **Design centres** 130+ Countries importing UK-built vehicles **Engine** Bus and coach 606,838 manufacturers manufacturers Cars exported in 2022 780,000 People employed across UK Auto Mainstream car 40.7 million manufacturers Vehicles on UK roads Specialist car (manufacturers 775,014 Cars built in 2022 101,600 Commercial vehicles built in 2022 **Suppliers R&D** centres 1,512,015 Engines built in the UK 2022

UK AUTOMOTIVE EMPLOYMENT



780,000
people employed
across
UK Automotive



182,000 people directly employed in manufacturing



1 in 14 people employed in UK manufacturing works in Automotive, with annual salaries typically 14% higher than the UK average



40,000 new jobs forecast to be created in automotive sector by 2030 (Public First)



41,000 people employed in UK motorsport – 25,000 are engineers

(Motorsport Industry Association)

UK AUTOMOTIVE: BACKGROUND

In 2021 the UK automotive manufacturing industry...

Turned over **£67 billion**

Invested £3 billion in R&D

£2.1 billion net capital

£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

^{*} includes Suzuki



Cars by model

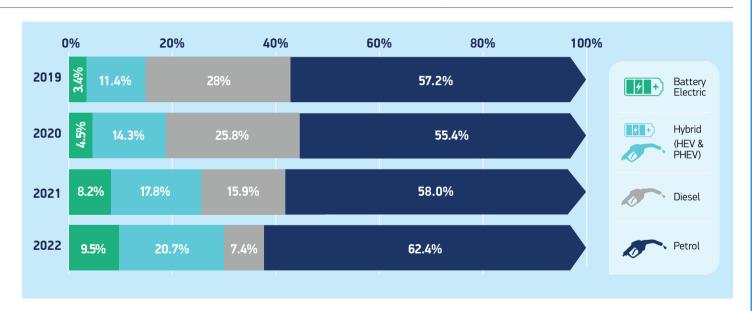
Model	Volume (production)
MINI	159,795
Nissan Qashqai	157,620
Toyota Corolla	101,458
Nissan Juke	49,802
Range Rover	42,885



Commercial vehicles by brand

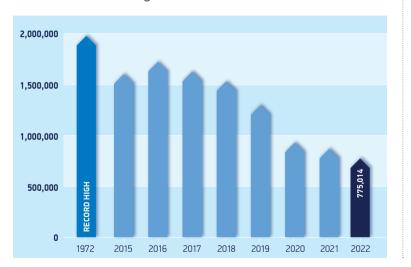
Make	Volume
STELLANTIS (Vauxhall, Opel, Peugeot, Citroën)	77,458
Leyland Trucks	19,512
LEVC	1,780 (2,034 incl. taxis)
Dennis Eagle	995
Alexander Dennis	860

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 2022

UK car manufacturing – 2021 to 2022

	5		
	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%	

cars manufactured for export in 2022

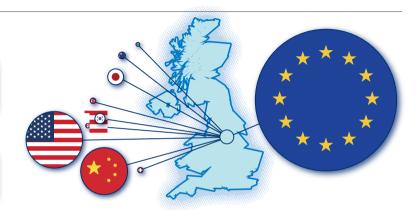
8 out of 10

cars made in the UK are exported

The UK exports to more than

130+

markets worldwide



TOP EXPORT DESTINATIONS FOR UK CARS

Worldwide		
EU27	349,424	57.6%
U.S.A.	80,967	13.3%
China	52,612	8.7%
Japan	17,796	2.9%
South Korea	11,953	2.0%

11,347	1.9%
8,446	1.4%
8,144	1.3%
5,651	0.9%
4,145	0.7%
	8,446 8,144 5,651

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	Czech Republic	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%

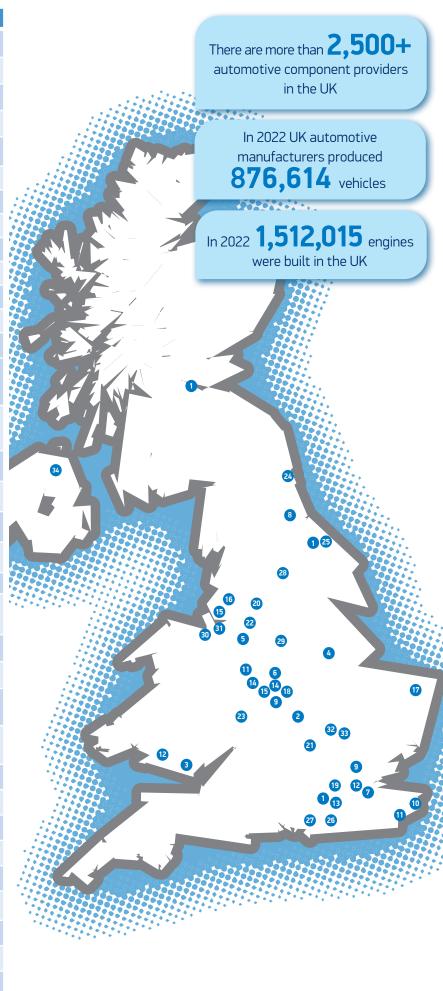
Top 10 European automotive manufacturers in 2022

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%

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

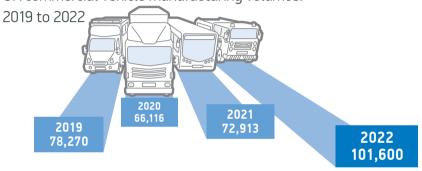
Key UK manufacturing sites

Key	Manufacturing si	Location	Sector	Model
1	Alexander Dennis	Falkirk, Guildford Bus and and Scarborough 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	Truck range
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 Land Rover	Castle Bromwich and Wolverhampton	Car, engine and battery	Engine range Jaguar: F-Pace, F-Type, XE, XF
15	Jaguar Land Rover	Solihull and Halewood	Car	Jaguar: F-Type Land Rover: Discovery Sport, Evoque, Range Rover, Range Rover 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, 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:



UK commercial vehicle manufacturing – 2021 vs 2022

	2021	2022	/o criarige
Total	72,913	101,600	39.3%
Home	35,455	40,409	14.0%
Export	37,458	61,191	63.4%
% export	51.4%	60.2%	

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 manufacturing down -7.9% in 2022
Total units

1,512,015



8,000

jobs in UK light vehicle engine production

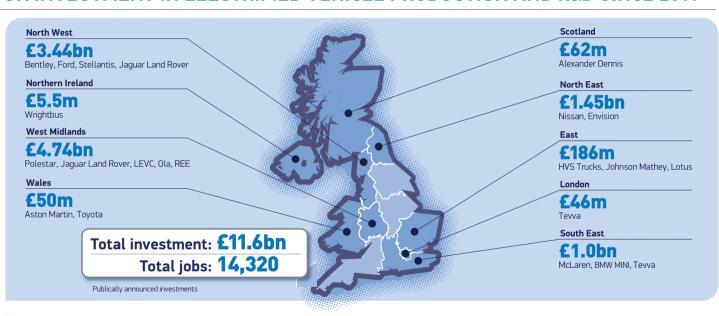
3,500

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



FIVE CRUCIAL UK AUTOMOTIVE ASKS

New roadmap, 'From Full Throttle to Full Charge', sets out measures on energy, skills and funding to drive large-scale investment and support competitiveness.



SUPPORT BUSINESSES FACING HIGH ENERGY COSTS



DELIVER A GLOBALLY COMPETITIVE BUSINESS ENVIRONMENT



CREATE A GLOBALLY COMPETITIVE INVESTMENT ENVIRONMENT





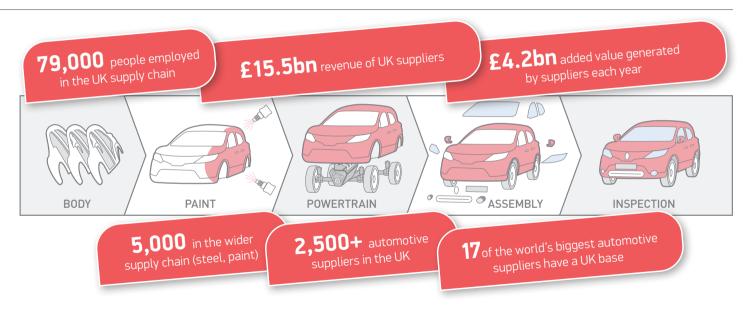
FULL IMPLEMENTATION OF THE EU-UK TCA AND PRIORITISE UK AUTOMOTIVE IN TRADE POLICY



FOCUS ON CURRENT AND FUTURE SKILLS

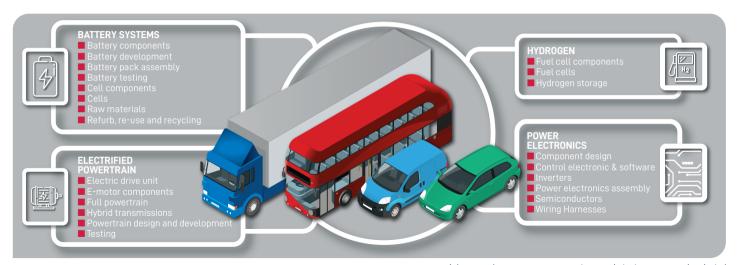
smmt.co.uk/reports/full-charge

UK AUTOMOTIVE SUPPLY CHAIN

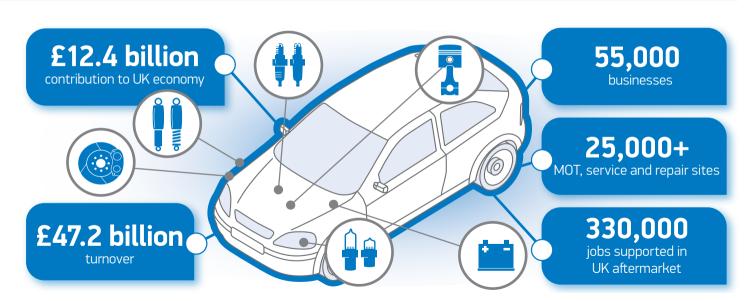


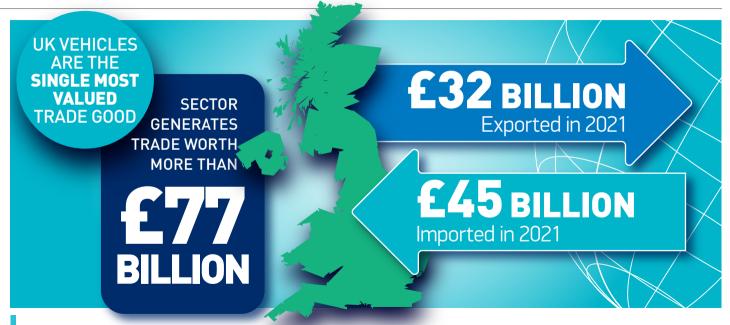
UK ELECTRIC VEHICLE SUPPLY CHAIN

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



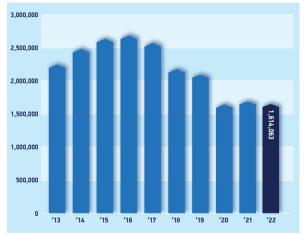
THE IMPORTANCE OF THE AFTERMARKET TO THE UK ECONOMY



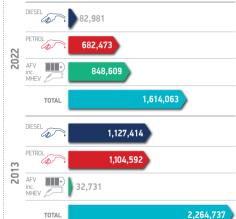


NEW CAR REGISTRATIONS

Annual new car registrations – 2013 to 2022



New car registrations by fuel type – 2013 to 2022



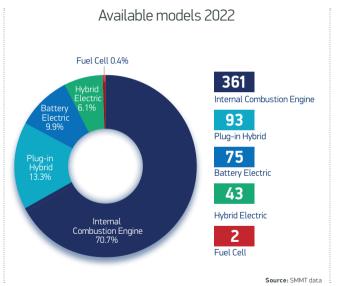
Top 10 UK sellers in 2022

	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

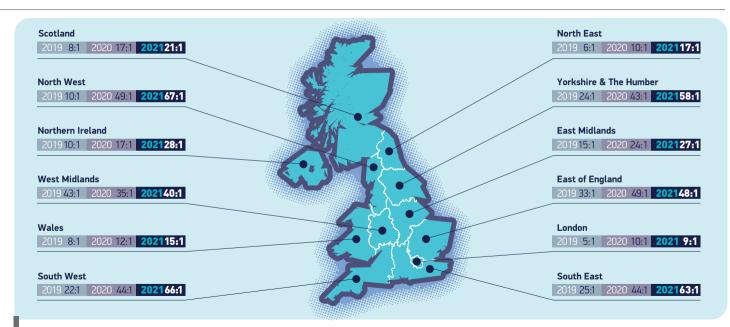
REGISTRATIONS OF ALTERNATIVELY FUELLED VEHICLES

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



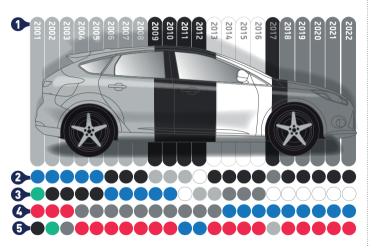


PLUG-IN CARS TO SLOW/FAST PUBLIC CHARGER RATIO



CHANGING CONSUMER TASTES

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



Shift in market segment – 2013 vs 2022



2013 589,001 / 2022 446,996



2013 248,003 / 2022 435,182









2013 812,491 / 2022 490,876



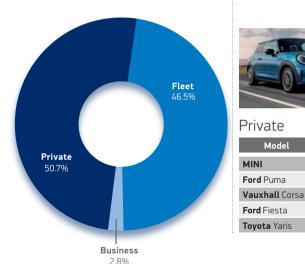


2013 80,377 / 2022 13,523



REGISTRATIONS BY SALES TYPE

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





Volume

23,962

23.121

19.113

19.108 18,040

Model

Ford Puma

Ford Fiesta







-teet		Bu
Model	Volume	
Nissan Qashqai	27,587	Tes
Tesla Model Y	19,831	Tes
Vauxhall Corsa	16,702	Fiat
Kia Sportage	16,631	Pors
Volkswagen Golf	16,030	MG 5

Dusiriess			
Model	Volume		
Tesla Model Y	6,597		
Tesla Model 3	3,205		
Fiat 500	2,526		
Porsche Taycan	1,740		
MG 5	1,628		

Rusiness

Fleet

Private

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%

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: 13,523 Segment total: 490,874 Segment total: 446,996

REGISTRATIONS BY SEGMENT

Top five cars registered by segment







Model	Volume	Segment share
Tesla Model 3	19,071	17.0%
BMW 3 Series	14,491	12.9%
BMW 4 Series	9,070	8.1%
Audi A4	7,377	6.6%
Polestar 2	7,345	6.5%

Model	Volume	Segment share
BMW 5 Series	7,680	28.9%
Mercedes C-Class	5,180	19.5%
Audi A6	4,815	18.1%
Mercedes E-Class	3,652	13.7%
Volvo V90	1,204	4.5%

Model	Volume	Segment share
Mercedes EQS	746	20.5%
BMW 7 Series	670	18.4%
Mercedes S-Class	633	17.4%
Bentley Continental	601	16.5%
Audi A8	298	8.2%

Segment total: 112,314 Segment total: 26,608 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	1,601	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: 23,057 Segment total: 435,182 Segment total: 61,872

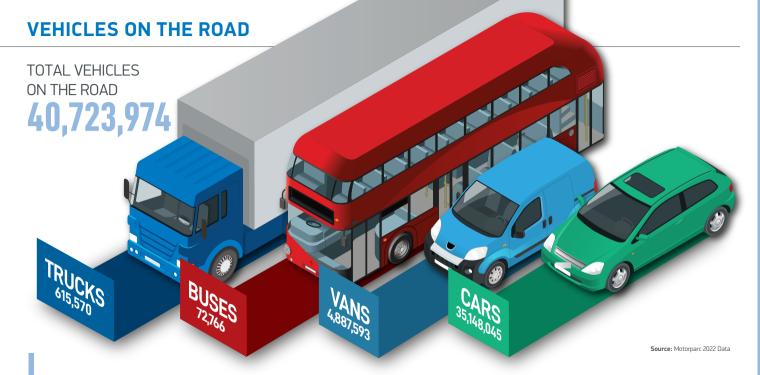
COMMERCIAL VEHICLE REGISTRATIONS

Van registrations – 2016 to 2022



2022 HGV, bus and coach registrations

	Rigids	Artics	Bus and coach
2022	21,302	19,414	2,010
Change on 2021	0.3%	21.9%	-1.6%
324,865 commercial vehicles were registered in 2022			



VEHICLES ON THE ROAD

WHAT'S **POWERING OUR CARS?**















The LCV's contribution to the UK economy

3.4 m
people use
or depend
on vans
for
their work



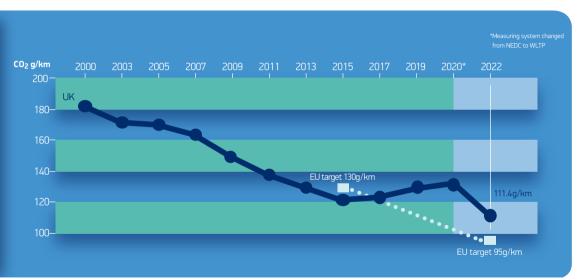
Vans support **10%** of the UK's workforce, delivering a combined wage bill of £56 billion, or 11% of UK GDP

VEHICLES ON THE ROAD



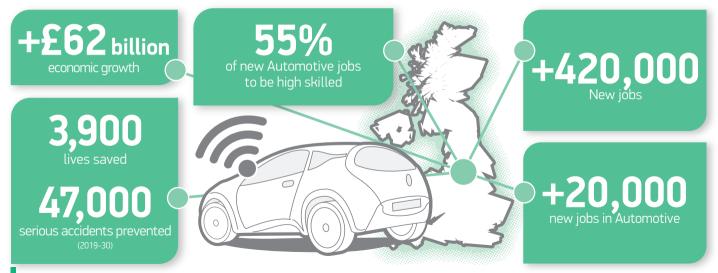
ENVIRONMENT - CO₂





CONNECTED AND AUTOMATED VEHICLES

Potential overall impact of CAVs on the UK economy by 2030



CONNECTED AND AUTOMATED VEHICLES

8 IN 10

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

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 lane.

SMMT GROUP

SMMT Industry Forum



Industry Forum, a training and business consultancy, initially formed in 1996 as a unique collaboration between leading vehicle manufacturers. SMMT and government to improve the r u 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.industrvforum.co.uk

The Motor Ombudsman



first Ombudsman to be focused

THE MOTOR **OMBUDSMAN**

solely on the automotive

sector. It self-regulates

The Motor Ombudsman is the

automotive dispute resolution

body. Fully-impartial, it is the

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

DISCLAIMER.

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