

Motor Industry Facts 2009



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From production and first registration data to used vehicle sales and those on the road, SMMT Automotive Information Services is the primary source of data on the motor industry.

Call us to find out more on **020 7235 7000** or go to **www.smmt.co.uk/dataservices**

Industry performance

Design engineering Sector profile Research and development

Production

Key manufacturing sites Car production annual totals CV production annual totals UK top five producers Engine producers

New car registrations

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| Segment totals | |
| Bus and coach | |

Vehicles in use

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| Used car sales |
|---------------------------------|
| Age of cars on the road |
| Cars on the road |
| Colours of cars on the road |
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Environmental performance

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Industry **Performance**

The automotive industry is a vital part of the UK economy

- More than 40 companies manufacture vehicles in the UK ranging from global volume car, van, truck and bus builders, to specialist niche makers.
- 1.6m cars and commercial vehicles are produced each year, plus three million engines.
- £51 billion turnover and £10.3 billion value added to the UK economy.
- Over 800,000 UK jobs rely on automotive manufacturing.
- UK automotive manufacturing supplies over 100 markets worldwide offering some resilience to UK issues.
- New cars emit less CO2 than older models the average new car CO2 emissions have fallen 17% in the last decade.

The UK is home to

- Seven volume car manufacturers and nine CV manufacturers.
- More specialist sports car manufacturers than any other country in Europe.

- Nineteen out of the top 20 global components suppliers have a base in the UK.
- Seven Formula 1 teams are based in the UK, supported by more than 300 specialist motorsport companies employing nearly 50,000 people in motorsport valley.

Design engineering

The UK is a centre for design engineering, employing 7,500 people and generating a turnover of some $\pounds650$ million, with around 65% exported.

The UK is home to the dedicated facilities of vehicle manufacturers, such as those at Ford's engineering centre at Dunton, Jaguar Land Rover at Gaydon and Whitley, and Nissan's R&D centre at Cranfield.

Renowned names such as Lotus Engineering, MAHLE, Millbrook, MIRA, Perkins, Pi Technology, Prodrive, Ricardo, RLE, Revolve, TRW Conekt, TWI and Zytek are also active in the UK.

The motor industry in the UK has a strong future and is at the heart of the low-carbon agenda, investing in R&D that will deliver even cleaner, safer and more fuel-efficient cars.



Research and development

At €20 billion, the automotive sector is Europe's largest investor in R&D, driving industry forward and helping deliver more sustainable motoring for the 21st century.

The automobile and parts sector was the fourth largest contributor to R&D in the UK top 850 companies and the top global 1,400 companies in 2007.*

Eight of the top 25 R&D investors globally are vehicle manufacturer and parts companies.*

In total, there are 30 vehicle manufacturer and parts companies listed in the UK.*

* Source: DUIS 2008 R&D scorecard

Sector profile

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|---------|---------|---------|---------|---------|
| Automotive manufacturing sector turnover (£bn) | 46.3 | 46.9 | 48.2 | 49.3 | 51.0 |
| Share of total transport manufacturing turnover (%) | 68.0 | 67.1 | 67.7 | 66.7 | 66.7 |
| Total net capital investment (£bn) | 1.2 | 1.4 | 1.3 | 1.4 | 1.5 |
| Automotive sector value added (£bn) | 9.2 | 9.4 | 9.4 | 9.9 | 10.3 |
| Total employees directly dependent on the UK automotive sector | 889,000 | 866,000 | 874,000 | 841,000 | 841,000 |
| Value of exports (£bn) | 21.9 | 22.5 | 23.7 | 24.1 | 24.5 |
| Percentage of total UK exports (%) | 11.6 | 11.8 | 11.2 | 9.9 | 11.1 |
| All automotive sectors - value added share of GDP (%) | 3.7 | 3.4 | 3.3 | 3.2 | 3.0 |
| UK share of global passenger car production (%) | 4.0 | 3.8 | 3.5 | 3.0 | 3.0 |
| Number of UK volume car manufacturers | 9 | 9 | 8 | 7 | 7 |
| Number of UK commercial vehicle manufacturers | 9 | 9 | 9 | 9 | 9 |





Key manufacturing sites

| | Manufacturer | Where | What |
|----|------------------|---------------------------------------|------------------------------|
| 1 | Alexander Dennis | Guildford and Falkirk | CV, bus and coach |
| 2 | Aston Martin | Gaydon | Car |
| 3 | Bentley | Crewe | Car, engine |
| 4 | BMW MINI | Oxford | Car, engine |
| 5 | Caterham | Dartford | Car |
| 6 | Cummins | Darlington | Engine |
| 7 | Dennis Eagle | Warwick | CV |
| 8 | Euromotive | Hythe | Bus and coach |
| 9 | Ford | Bridgend, Dagenham and Southampton | CV, engine, bus and coach |
| 10 | Honda | Swindon | Car |
| 11 | IBC | Luton | CV |
| 12 | Jaguar | Birmingham, Halewood | Car |

| | Manufacturer | Where | What |
|----|---------------------------|--------------------|---------------|
| 13 | John Dennis Coachbuilders | Guildford | Bus and coach |
| 14 | Land Rover | Solihull, Halewood | Car, CV |
| 15 | LDV | Birmingham | CV |
| 16 | Leyland Trucks | Leyland | CV |
| 17 | Lotus | Norwich | Car |
| 18 | LTI | Coventry | Car |
| 19 | Mellor Coachcraft | Bolton | Bus and coach |
| 20 | Mercedes-Benz | MTC Woking | Car |
| 21 | Minibus Options | Whaley Bridge | Bus and coach |
| 22 | MG Motors | Longbridge | Car |
| 23 | Modec | Coventry | CV |
| 24 | Morgan | Malvern | Car |
| 25 | Nissan | Sunderland | Car, engine |



| | Manufacturer | Where | What |
|----|------------------|-----------------------|----------------|
| 26 | Optare | Leeds | CV |
| 27 | Plaxton | Scarborough | Bus and coach |
| 28 | Rolls-Royce | Goodwood | Car |
| 29 | Smith (Tanfield) | Tyne and Wear | CV |
| 30 | Toyota | Burnaston and Deeside | Car and engine |
| 31 | Vauxhall | Ellesmere Port | Car, CV |
| 32 | Warnerbus | Dunstable | Bus and coach |





Production

The UK is the fourth largest vehicle producer in Europe and is home to some of the most productive vehicle plants.

| | Year | Production | % change | Home market | % change | % of total | Export market | % change | % of total |
|-------|------|------------|----------|-------------|----------|------------|---------------|----------|------------|
| ta C. | 1999 | 1,799,004 | 2.2 | 649,279 | -11.0 | 36.1 | 1,149,725 | 11.5 | 63.9 |
| το | 2000 | 1,641,452 | -8.8 | 578,462 | -10.9 | 35.2 | 1,062,990 | -7.5 | 64.8 |
| | 2001 | 1,492,365 | -9.1 | 598,151 | 3.4 | 40.1 | 894,214 | -15.9 | 59.9 |
| ad | 2002 | 1,629,934 | 9.2 | 582,484 | -2.7 | 35.7 | 1,047,450 | 17.2 | 64.3 |
| 2 7 | 2003 | 1,657,558 | 1.7 | 513,798 | -11.8 | 31.0 | 1,143,760 | 9.2 | 69.0 |
| d | 2004 | 1,647,246 | -0.6 | 467,160 | -9.1 | 28.4 | 1,180,086 | 3.1 | 71.6 |
| | 2005 | 1,596,356 | 3.1 | 411,245 | -11.9 | 25.8 | 1,185,111 | 0.4 | 74.2 |
| ο, ώ | 2006 | 1,442,085 | 9.7 | 335,992 | -18.3 | 23.3 | 1,106,093 | -6.7 | 76.7 |
| 0 | 2007 | 1,534,567 | 6.4 | 349,108 | 3.9 | 22.7 | 1,185,459 | 7.2 | 77.3 |
| | 2008 | 1,446,619 | -5.7 | 318,033 | -8.9 | 22.0 | 1,128,586 | -4.8 | 78.0 |

| Ten year totals for CV | / production in the UK |
|------------------------|------------------------|
|------------------------|------------------------|

| Year | Production | % change | Export market | % change | % of total | Home market | % change | % of total |
|------|------------|----------|---------------|----------|------------|-------------|----------|------------|
| 1999 | 173,557 | -3.9 | 63,674 | 30.9 | 36.7 | 109,883 | -10.6 | 63.3 |
| 2000 | 172,442 | -19.3 | 76,181 | 19.6 | 44.2 | 96,261 | -12.4 | 55.8 |
| 2001 | 192,873 | -0.06 | 96,224 | 26.3 | 49.9 | 96,649 | 0.4 | 50.1 |
| 2002 | 191,267 | 11.8 | 114,235 | 18.7 | 59.7 | 77,032 | -20.3 | 40.3 |
| 2003 | 188,871 | -0.8 | 102,917 | -9.9 | 54.5 | 85,954 | 11.6 | 45.5 |
| 2004 | 209,293 | -1.3 | 128,107 | 24.5 | 61.2 | 81,186 | -5.5 | 38.8 |
| 2005 | 206,756 | 10.8 | 130,276 | 1.7 | 63.0 | 76,480 | -5.8 | 37.0 |
| 2006 | 207,707 | -1.2 | 136,222 | 4.6 | 65.6 | 71,485 | -6.5 | 34.4 |
| 2007 | 215,686 | 3.8 | 131,562 | -3.4 | 61.0 | 84,124 | 17.7 | 39.0 |
| 2008 | 202,896 | -5.9 | 125,611 | -4.5 | 61.9 | 77,285 | -8.1 | 38.1 |



Production

Top five UK producers 2008



| Make | Volume | |
|----------------|--------|--|
| IBC | 87,248 | |
| Ford | 66,215 | |
| Leyland Trucks | 24,662 | |
| LDV | 9,308 | |
| Vauxhall | 9,250 | |

| Make | Model | Volume | |
|--------|---------|---------|--------|
| BMW | MINI | 234,461 | |
| Nissan | Qashqai | 224,989 | |
| Honda | CR-V | 120,150 | |
| Toyota | Avensis | 110,741 | |
| Honda | Civic | 110,273 | EZAZ N |

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Manufacturing sites

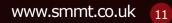
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|---|---|--------|--|
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| Automotive | 2004 | 2005 | 2006 | 2007 | 2008 | |
|-----------------|-----------|-----------|-----------|-----------|-----------|--|
| Bentley 8,000 | | 10,000 | 9,386 | 10,014 | 7,675 | |
| BMW | 146,000 | 181,000 | 217,000 | 367,000 | 371,269 | |
| Cummins | 44,000 | 54,000 | 65,000 | 79,000 | 80,000 | |
| Ford (Bridgend) | 621,000 | 552,000 | 671,202 | 758,581 | 704,181 | |
| Ford (Dagenham) | 682,000 | 605,000 | 683,729 | 900,776 | 1,047,570 | |
| Honda | 188,000 | 146,000 | 190,538 | 248,000 | 203,647 | |
| Land Rover | 47,000 | 17,000 | 0 | 0 | 0 | |
| Nissan | 2,720,000 | 282,000 | 212,046 | 119,000 | 112,829 | |
| Powertrain | 114,000 | 30,000 | 0 | 0 | 0 | |
| Toyota | 580,000 | 427,000 | 438,000 | 345,000 | 297,398 | |
| Vauxhall | 12,000 | 0 | 0 | 0 | 0 | |
| Others | 4,000 | 0 | 0 | 0 | 0 | |
| Non-automotive | | | | | | |
| Perkins | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | |
| Others | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | |
| Total | 3,058,000 | 2,644,000 | 2,826,901 | 3,167,371 | 3,164,569 | |



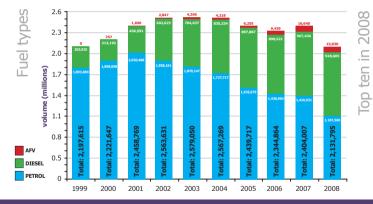






New **Car**Registrations

Annual UK totals and best sellers



| Ten year i | registrations |
|------------|---------------|
|------------|---------------|

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Reg | 2,197,615 | 2,221,647 | 2,458,769 | 2,563,631 | 2,579,050 | 2,567,269 | 2,439,717 | 2,344,894 | 2,404,007 | 2,131,795 |
| % Change | -2.2 | 1.1 | 10.7 | 4.3 | 0.6 | -0.5 | -5.0 | -3.9 | 2.5 | -11.3 |

| Make | Volume | | | |
|---------------------|---------|--|--|--|
| VW Golf | 45,599 | | | |
| Ford Focus | 39,924 | | | |
| Ford Mondeo | 37,331 | | | |
| Vauxhall Astra | 29,769 | | | |
| VW Passat | 29,726 | | | |
| BMW 3 Series | 27,964 | | | |
| Audi A4 | 25,600 | | | |
| Vauxhall Vectra | 22,692 | | | |
| Audi A3 | 22,044 | | | |
| Citroën C4 | 20,783 | | | |
| Total diesel market | 928,605 | | | |





| Volume | es | |
|-----------|--|---|
| 101,593 | GS | |
| 99,574 | ġ. | |
| 94,989 | | |
| 90,641 | Ę | |
| 65,029 | 0 | |
| 53,462 | | |
| 49,384 | | |
| 44,150 | | |
| 43,169 | | |
| 42,555 | | |
| 2,131,795 | | Т |
| | - | |
| | 101,593 99,574 94,989 90,641 65,029 53,462 49,384 44,150 43,169 42,555 | 101,593 Solution 99,574 P 94,989 P 90,641 P 65,029 O 53,462 P 49,384 P 44,150 P 43,169 P 42,555 P |

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Tot

Vauxhall Corsa

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|---|---------|--|
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| Make | |
|------------------------------------|---|
| маке | Volume |
| Ford Focus | 74,695 |
| Vauxhall Astra | 71,502 |
| Vauxhall Corsa | 60,249 |
| VW Golf | 45,402 |
| Ford Fiesta | 40,554 |
| Ford Mondeo | 39,480 |
| Vauxhall Zafira | 37,985 |
| Vauxhall Vectra | 36,189 |
| BMW 3 Series | 27,317 |
| Peugeot 307 | 27,186 |
| Total non-private registrations | 1,239,536 |
| | Vauxhall Astra Vauxhall Corsa VW Golf Ford Fiesta Ford Mondeo Vauxhall Zafira Vauxhall Vectra BMW 3 Series Peugeot 307 Total non-private |

| р S | Year | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------|----------|-----------|-----------|-----------|-----------|-----------|
| | Fleet | 1,093,494 | 1,184,874 | 1,156,274 | 1,194,811 | 1,109,963 |
| | Business | 273,709 | 178,330 | 154,868 | 163,389 | 129,573 |
| D.P. | Private | 1,200,066 | 1,076,513 | 1,033,722 | 1,045,807 | 892,259 |
| Č Ğ | Total | 2,567,269 | 2,439,717 | 2,344,864 | 2,404,007 | 2,131,795 |
| ĒΩ | | | | | | |







| S | P | Segment | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--------------|--------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | פ | Mini | 39,635 | 52,203 | 47,899 | 40,370 | 38,940 | 36,171 | 27,195 | 23,297 | 21,512 | 28,094 |
| 0 | S | | 1.8 | 2.3 | 1.9 | 1.6 | 1.5 | 1.4 | 1.1 | 1.0 | 0.9 | 1.3 |
| | Ģ | Supermini | 593,745 | 688,686 | 773,995 | 831,264 | 873,690 | 839,604 | 732,756 | 753,872 | 770,601 | 726,006 |
| σ | Y | | 27.0 | 31.0 | 31.5 | 32.4 | 33.9 | 32.7 | 30.0 | 32.2 | 32.1 | 34.1 |
| | Д Д | Lower Medium | 703,611 | 661,502 | 741,817 | 771,319 | 719,164 | 729,690 | 761,328 | 694,428 | 722,012 | 605,817 |
| ÷, | ŭ | | 32.0 | 29.8 | 30.2 | 30.1 | 27.9 | 28.4 | 31.2 | 29.7 | 30.0 | 28.4 |
| .0) | | Upper Medium | 513,218 | 476,860 | 507,736 | 505,026 | 480,220 | 459,061 | 427,278 | 393,999 | 386,414 | 340,796 |
| | p | | 23.4 | 21.5 | 20.7 | 19.7 | 18.6 | 17.9 | 17.5 | 16.8 | 16.1 | 16.0 |
| a) | ש | Executive | 115,509 | 104,583 | 109,433 | 114,382 | 118,579 | 109,667 | 111,112 | 100,339 | 104,468 | 98,572 |
| \sim | S | | 5.3 | 4.7 | 4.5 | 4.5 | 4.6 | 4.3 | 4.6 | 4.3 | 4.3 | 4.6 |
| L. | | Luxury Saloon | 12,375 | 11,406 | 11,053 | 10,193 | 13,500 | 13,620 | 11,678 | 13,227 | 13,120 | 9,977 |
| | G | | 0.6 | 0.5 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 |
| σ | Ę | Specialist Sports | 68,846 | 67,208 | 65,358 | 60,108 | 65,178 | 73,940 | 64,681 | 65,047 | 65,731 | 50,256 |
| \mathbf{O} | Ę | | 3.1 | 3.0 | 2.7 | 2.3 | 2.5 | 2.9 | 2.7 | 2.8 | 2.7 | 2.4 |
| | Ð | 4x4/SUV | 98,926 | 99,212 | 121,556 | 137,582 | 159,144 | 179,439 | 187,392 | 175,805 | 176,290 | 136,525 |
| \leq | Ĕ | | 4.5 | 4.5 | 4.9 | 5.4 | 6.2 | 7.0 | 7.7 | 7.5 | 7.3 | 6.4 |
| Ð | g | Multi-Purpose | 51,750 | 59,987 | 79,922 | 93,387 | 110,635 | 126,077 | 116,297 | 124,850 | 143,859 | 135,752 |
| 7 | Ū | | 2.4 | 2.7 | 3.3 | 3.6 | 4.3 | 4.9 | 4.8 | 5.3 | 6.0 | 6.4 |
| | Ń | Total | 2,197,615 | 2,221,647 | 2,458,769 | 2,563,631 | 2,579,050 | 2,567,269 | 2,439,717 | 2,344,864 | 2,404,007 | 2,131,795 |

Top five best sellers by segment

| | Model | Registrations | Market Share |
|----------|--------------------|--------------------|--------------|
| <u> </u> | Hyundai i10 | 6,760 | 24.1% |
| | Chevrolet Matiz | 6,452 | 23.0% |
| | smart fortwo coupé | 5,733 | 20.4% |
| | Vauxhall Agila | 4,388 | 15.6% |
| | Hyundai Amica | 1,846 | 6.6% |
| | Segn | nent total - 28,09 | 4 |
| | Die | sel share - 0.6% | |



| Model | Registrations | Market Share | | |
|-------------------------|--------------------|--------------|--|--|
| Vauxhall Corsa | 99,574 | 13.7% | | |
| Ford Fiesta | 94,989 | 13.1% | | |
| Peugeot 207 | 53,462 | 7.4% | | |
| MINI | 40,736 | 5.6% | | |
| VW Polo | 35,710 | 4.9% | | |
| Segment total - 726,006 | | | | |
| Die | esel share - 16.5% |) | | |
| | | | | |

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| | Model | Registrations | Market Share | |
|---|-------------------------|---------------|--------------|--|
| | Ford Focus | 101,593 | 16.8% | |
| | Vauxhall Astra | 90,641 | 15.0% | |
| | VW Golf | 65,029 | 10.7% | |
| | Honda Civic | 34,474 | 5.7% | |
| • | Renault Mégane | 33,543 | 5.5% | |
| | Segment total - 605,817 | | | |
| | Diesel share - 46.7% | | | |





Top five best sellers by segment

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| Model | Registrations | Market Share |
|-----------------|--------------------|--------------|
| BMW 3 Series | 49,384 | 14.5% |
| Ford Mondeo | 44,150 | 13.0% |
| Vauxhall Vectra | 42,555 | 12.5% |
| Audi A4 | 31,365 | 9.2% |
| VW Passat | 30,625 | 9.0% |
| Segr | ment total - 340,7 | 796 |
| Die | esel share - 70.69 | /o |
| | | ZESE SLA |

| Model | Registrations | Market Share | | |
|--------------------------|---------------|--------------|--|--|
| Mercedes-Benz C-Class | 26,057 | 26.4% | | |
| BMW 5 Series | 18,578 | 18.8% | | |
| Audi A6 | 13,178 | 13.4% | | |
| Mercedes-Benz E-Class | 8,895 | 9.0% | | |
| Jaguar XF | 8,893 | 9.0% | | |
| Segment total - 98,572 | | | | |
| Diesel share - 77.8% | | | | |
| 15785 | | | | |

| Model | Registrations | Market Share | | |
|--------------------------|---------------|--------------|--|--|
| Mercedes-Benz S-Class | 2,111 | 21.2% | | |
| Audi A8 | 1,465 | 14.7% | | |
| Bentley Continental | 1,370 | 13.7% | | |
| BMW 7 Series | 1,370 | 13.7% | | |
| Jaguar XJ | 1,244 | 12.5% | | |
| Segment total - 9,977 | | | | |
| Diesel share - 54.2% | | | | |
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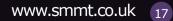
Top five best sellers by segment

| | U | Ĵ |
|---|---|---|
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| Model | Registrations | Market Share | | |
|----------------------|--------------------|--------------|---|--|
| Audi TT | 9,286 | 18.5% | _ | |
| Mazda MX-5 | 6,109 | 12.2% | 6 | |
| VW Eos | 4,939 | 9.8% | | |
| Mercedes-Benz SLK | 3,986 | 7.9% | | |
| Vauxhall Tigra | 2,610 | 5.2% | 5 | |
| Seg | ment total - 50,2 | 256 | | |
| Die | esel share - 11.6ª | % | | |
| | | | | |

| Model | Registrations | Market Share | |
|--------------------------|---------------------|--------------|--|
| Honda CR-V | 14,464 | 10.6% | |
| Land Rover Freelander | 13,135 | 9.6% | |
| Toyota RAV4 | 7,910 | 5.8% | |
| Land Rover Discovery | 7,019 | 5.1% | |
| Range Rover Sport | 6,975 | 5.1% | |
| Segme | ent total - 136,525 | 5 | |
| Diesel share - 82.6% | | | |
| Diesel share - 82.6% | | | |

| Model | Registrations | Market Share | |
|-------------------------|---------------|--------------|--|
| Vauxhall Zafira | 43,169 | 31.8% | |
| Ford C-Max | 21,615 | 15.9% | |
| Ford S-Max | 9,519 | 7.0% | |
| Ford Galaxy | 8,664 | 6.4% | |
| VW Touran | 8,515 | 6.3% | |
| Segment total - 135,752 | | | |
| Diesel share - 59.1% | | | |
| | | | |



New Car Registrations

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Overseas new car registrations 2008

| | Country | Volume |
|----|----------------------|------------|
| 1 | France ¹ | 2,050,282 |
| 2 | Germany ¹ | 3,090,040 |
| 3 | Italy ¹ | 2,161,302 |
| 4 | Spain ¹ | 1,161,176 |
| 5 | UK ² | 2,131,795 |
| 6 | China ³ | 5,731,700 |
| 7 | USA ³ | 6,917,300 |
| 8 | Russia ³ | 2,921,400 |
| 9 | Japan ³ | 4,319,900 |
| 10 | EU271 | 14,331,332 |

Source:

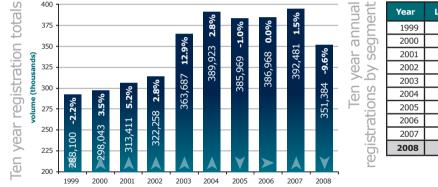
a - ACEA passenger car registrations 2008
a - SMMT
b - Global Insight (December 2008)

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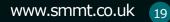
www.smmt.co.uk

Commercial Vehicle Registrations

Annual UK totals and best sellers



| Year | LCVs up to 3.5 | Rigids | Artics | Bus and coach | All CVs |
|------|----------------|--------|--------|---------------|---------|
| 1999 | 231,761 | 33,628 | 18,163 | 4,548 | 288,100 |
| 2000 | 239,482 | 35,517 | 18,663 | 4,381 | 298,043 |
| 2001 | 254,075 | 37,279 | 18,294 | 3,763 | 313,411 |
| 2002 | 266,346 | 35,135 | 16,785 | 3,992 | 322,258 |
| 2003 | 303,755 | 36,788 | 18,802 | 4,342 | 363,687 |
| 2004 | 329,599 | 37,461 | 18,851 | 4,012 | 389,923 |
| 2005 | 322,930 | 38,957 | 19,884 | 4,198 | 385,969 |
| 2006 | 327,162 | 36,973 | 18,601 | 4,232 | 386,968 |
| 2007 | 337,741 | 35,614 | 15,133 | 3,993 | 392,481 |
| 2008 | 289,463 | 38,651 | 18,759 | 4,511 | 351,384 |



Commercial **Vehicle**Registrations

Bus and coach

| ten ons | Year | Registrations |
|--------------|------|---------------|
| | 1999 | 4,548 |
| קום | 2000 | 4,381 |
| coa jisti | 2001 | 3,763 |
| - 01 | 2002 | 3,992 |
| re | 2003 | 4,342 |
| מר | 2004 | 4,012 |
| Ne: | 2005 | 4,198 |
| Bu Ye | 2006 | 4,232 |
| | 2007 | 3,993 |
| | 2008 | 4,511 |

| | Manufacturer | Factory |
|---|---------------------------|-----------------------|
| | Alexander Dennis | Guildford and Falkirk |
| | Euromotive | Hythe |
| | Ford | Southampton |
| | IBC | Luton |
| | John Dennis Coachbuilders | Guildford |
| | LDV | Birmingham |
| | Mellor Coachcraft | Bolton |
| | Minibus Options | Whaley Bridge |
| | Optare | Leeds |
| | Plaxton | Scarborough |
| Γ | Warnerbus | Dunstable |

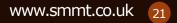


Vehicles In Use

Jsed car sales in GB 2004-2008

| | Volume | les 008 | Make | Volume |
|---|-----------|------------|-----------------|---------|
| 4 | 7,731,609 | sal 20 | Vauxhall Astra | 315,260 |
| 5 | 7,576,724 | | Ford Fiesta | 305,115 |
| 6 | 7,584,466 | car | Vauxhall Corsa | 293,293 |
| 7 | 7,487,544 | D | Ford Focus | 261,245 |
| B | 7,157,982 | lsed | VW Golf | 215,669 |
| | | | Ford Mondeo | 200,687 |
| | | ten | Renault Clio | 194,974 |
| | | | BMW 3 Series | 187,086 |
| | | lop | Vauxhall Vectra | 182,822 |
| | | F | Fiat Punto | 149,547 |

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Vehicles**In**Use

| on ad | Years old | Year | Volume* |
|-----------------|-----------------|-----------|-----------|
| 5 2 | Less than three | 2008-2006 | 7,136,000 |
| e g | Three to six | 2005-2003 | 7,425,000 |
| с Т | Six to nine | 2002-2000 | 7,027,000 |
| 0 | Nine to 12 | 1999-1997 | 5,230,000 |
| g | More than 12 | Pre 1997 | 4,349,000 |
| \triangleleft | | | |

Colours of cars on the road 2008 v 1998

| Ω | Colour | 2008* | % of parc |
|---------------------|----------------------|-----------|-----------|
| 70 | Aluminium/ silver | 7,414,703 | 24 |
| 9 | Blue | 7,178,110 | 23 |
| É | Black | 4,219,220 | 14 |
| 0 | Red | 4,050,720 | 13 |
| $\underline{\circ}$ | Green | 2,643,806 | 8 |

| Z | Colour | 1998 | % of parc |
|--------|--------|-----------|-----------|
| ת ד | Red | 6,792,507 | 26 |
| υ | Blue | 6,498,402 | 25 |
| Ž | White | 3,495,878 | 13 |
| | Green | 2,527,345 | 10 |
| 0 | Silver | 2,330,806 | 9 |

oads 2008 35 30 Ĵ 994 (**suoilliu)** 20 Š Annual totals ÷. 6 15 10 10 0,089,712 0,477,058 31,167,000* 341,125 4,830,169 412,046 5,862,024 7,391,348 447,067 9,155,606 31,105,988 6,177,603 9,721,216 30,817,036 7,807,471 5 Ω 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008

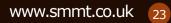
* Forecasted data for 2008 census

www.smmt.co.uk

| | | 2008* | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 | 2001 | 2000 | 1999 | 1998 |
|-----------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | LCVs up to 3.5t | 3,722,000 | 3,545,724 | 3,420,620 | 3,227,461 | 3,109,744 | 2,979,759 | 2,898,250 | 2,824,323 | 2,767,750 | 2,710,201 | 2,709,325 |
| | Trucks over 3.5t | 620,000 | 598,447 | 595,266 | 586,129 | 580,718 | 587,862 | 579,465 | 570,837 | 574,456 | 563,431 | 574,134 |
| hic 98 | Buses and coaches | 108,000 | 103,787 | 102,401 | 103,175 | 102,978 | 101,069 | 100,099 | 98,224 | 98,312 | 95,942 | 89,575 |
| | Total CV | 4,450,000 | 4,247,958 | 4,118,287 | 3,916,765 | 3,793,440 | 3,668,690 | 3,577,814 | 3,493,384 | 3,440,518 | 3,369,574 | 3,373,034 |

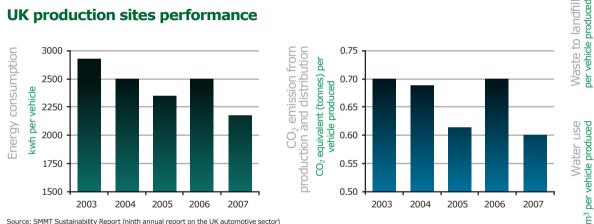
Annual totals of rcial vehicles on





Environmental **Performance**

UK production sites performance

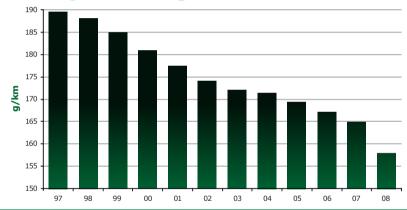


Source: SMMT Sustainability Report (ninth annual report on the UK automotive sector)



per vehicle produced Waste to landfill (kg) per vehicle Year produced 2003 17.9 2004 19.8 2005 14.5 2006 17.0 2007 12.75





Average new car CO₂ emissions

New car market by VED band

| VED band | Volume | Market share | | | | |
|------------------|---------|--------------|-------|-------|--|--|
| | 2008 | 2008 | 2007 | 1997 | | |
| A (sub-100g/km) | 3,917 | 0.2% | 0.0% | 0.0% | | |
| B (101-120g/km) | 230,216 | 10.8% | 5.3% | 0.0% | | |
| C (121-150g/km) | 803,756 | 37.7% | 32.7% | 7.8% | | |
| D (151-165g/km) | 435,979 | 20.5% | 24.6% | 15.1% | | |
| E (166-185g/km) | 331,588 | 15.6% | 17.4% | 32.0% | | |
| F (186-225g/km) | 240,750 | 11.3% | 13.7% | 32.3% | | |
| G (over 225g/km) | 85,589 | 4.0% | 6.2% | 12.8% | | |

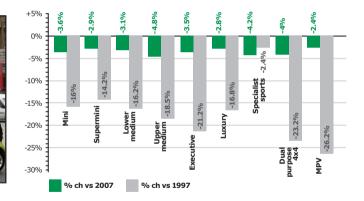


Environmental **Performance**

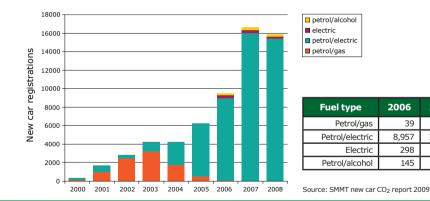
Lowest emissions

| n | | | | | STATES OF |
|-----------------|------|--------------|-------------------|----------------------|-------------|
| <u>—</u> | Rank | Model | Fuel type | CO ₂ g/km | |
| <u><u> </u></u> | 1 | smart fortwo | Electric | 0 | |
| Ś | 2 | SEAT Ibiza | Diesel | 99 | |
| | 2 | VW Polo | Diesel | 99 | IT & MARE T |
| | 4 | smart fortwo | Diesel | 103 | 1 |
| | 5 | MINI | Diesel | 104 | |
| | 5 | Toyota Prius | Petrol/electric | 104 | |
| | 7 | Citroën C1 | Petrol and diesel | 108 | |
| | 7 | Peugeot 107 | Petrol | 108 | 1 |
| | 7 | Toyota Aygo | Petrol and diesel | 108 | |
| | 10 | Honda Civic | Petrol/electric | 109 | 100 |
| | 10 | Škoda Fabia | Diesel | 109 | |

Change in average new car CO₂ by segment



Alternatively fuelled vehicle registrations by fuel type



Eco innovations

2007

15,971

397

269

3

2008

15,385

26

179

240

 $\rm CO_2$ and fuel consumption are closely linked as the more fuel efficient a vehicle is, the lower its $\rm CO_2$ output.

There are several things that all drivers can do to reduce the amount fuel used and so cut CO_2 emissions:

- Ensure tyres are pumped up to the recommended pressure as under-inflated tyres create more rolling resistance.
- Less clutter in your car means less CO₂ take off your roof rack and empty unnecessary items from your boot.
- 3. Driving at an appropriate speed for the circumstances of the road will minimise CO₂.
- Less stopping and starting means less CO₂, so lifting the foot gently off the accelerator could allow traffic to keep moving.



Eco innovations (continued)

- Over-revving will increase emissions as modern engines are designed to be efficient from the moment the engine is turned on. Changing gear at 2000rpm in a diesel car and 2500 rpm in a petrol car will save fuel, money and CO₂.
- 6. If you're in a traffic jam and idling, switch off the engine.

Manufacturers have designed various eco-innovations to help drivers save fuel and CO2:

Stop-start technologies automatically cut the engine when a vehicle is stationary. The engine is simply started by pressing the accelerator.

Tyre pressure monitoring systems measure the pressure of each of the tyres and will give a warning through the dashboard display if they become under-inflated.

Gear shift indicators show the driver the optimum time to change gear (up and down) while driving.

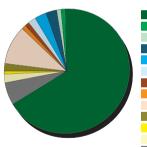
Low rolling resistance tyres are designed to improve the fuel efficiency of a car by minimising the energy wasted as heat when the tyre rolls down the road.



End of Life Vehicles (ELV)

The aim of the ELV directive is to prevent waste and promote collection, reuse and recycling of vehicles and their materials.

Average material breakdown



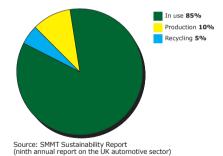
Ferrous metal 67% Electrical parts 1% Carpets/NVH 1% Tyres 3% Glass 3% Heavy non-ferrous metal 2% Battery 1% Process polymers 1% Plastics 10% Rubber 2% Other 1% Fluids 2% Light non-ferrous metal 6% Vehicle manufacturers' authorised treatment facilities have reached their 85% recovery targets – an increase of 10% since 1998. 95% of new vehicles are fully recyclable.

The average age of a car at scrappage was 13.2 years in 2007, down 7% in the last five years. Vans are worked harder and are scrapped slightly earlier at 12.5 years.



New car life cycle CO₂

The vast majority of CO_2 emissions from a car come when it is being driven.







Vehicle security

| e of oad | | per 1,000 cars on the road | |
|-------------|------------------------------|-------------------------------|---------------------|
| ď | Minis and superminis | 7 | |
| ≥ ē | Small saloons | 7 | |
| ≥₽ | Medium saloons | 7 | |
| | Large saloons | 6 | A State Banking and |
| U F | Luxury saloons | 6 | |
| <u> </u> | Sports | 7 | |
| | 4x4 and MPV | 4 | |
| | Source: Car Theft Index 2006 | | |

Source: Car Theft Index 2006

Isands vehicle Ĕ ni 797 Reduction crime

| | Theft from vehicles | Attempted theft of and from vehicles | Theft of vehicles |
|-----------|---------------------|---|-------------------|
| 2003/2003 | 1,425 | 662 | 278 |
| 2003/2004 | 1,337 | 543 | 241 |
| 2004/2005 | 1,210 | 462 | 214 |
| 2005/2006 | 1,121 | 425 | 185 |
| 2006/2007 | 1,129 | 384 | 176 |
| 2007/2008 | 994 | 342 | 161 |

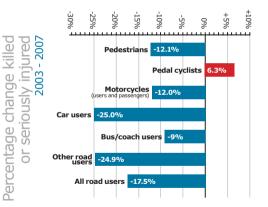
Source: British Crime Survey

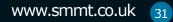


Road safety

| ously es by type - 2007 | Year | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---------------------------------------|--------|--------|--------|--------|--------|
| | Pedestrians | 7,933 | 7,478 | 7,129 | 7,051 | 6,924 |
| eric er 03 | Pedal cyclists | 2,411 | 2,308 | 2,360 | 2,442 | 2,564 |
| r seri sualti user 2003 | Motorcycles (users and passengers) | 7,652 | 6,648 | 6,508 | 6,484 | 6,737 |
| Car users 17,291 16,144 14,617 Bus/coach users 500 488 363 Other road users 1,428 1,285 1,178 | 14,254 | 12,967 | | | | |
| | Bus/coach users | 500 | 488 | 363 | 426 | 455 |
| | Other road users | 1,428 | 1,285 | 1,178 | 1,188 | 1,073 |
| ЧЛ | All road users | 37,215 | 34,351 | 32,155 | 31,845 | 30,720 |
| Lui | | | | | | |

Source: DfT Road Casualties Great Britain 2007







Average annual fuel prices

| | Pump price (p) | | | all tax as % total | | |
|------|----------------|--------|--|--------------------|--------|--|
| Year | Unleaded | Diesel | | Unleaded | Diesel | |
| 1989 | 38.5 | 36.1 | | 59.6% | 62.8% | |
| 1990 | 42.3 | 40.4 | | 58.0% | 60.9% | |
| 1991 | 45.4 | 44.0 | | 62.3% | 62.9% | |
| 1992 | 46.2 | 45.4 | | 65.2% | 64.7% | |
| 1993 | 49.3 | 49.2 | | 66.8% | 65.7% | |
| 1994 | 50.7 | 50.9 | | 71.0% | 69.8% | |
| 1995 | 53.5 | 53.7 | | 74.0% | 73.7% | |
| 1996 | 56.4 | 57.4 | | 76.1% | 75.0% | |
| 1997 | 61.8 | 62.5 | | 77.3% | 76.6% | |
| 1998 | 64.8 | 65.5 | | 81.4% | 81.8% | |

| | Pump price (p) | | | all tax as % total | | |
|------|----------------|--------|--|--------------------|--------|--|
| Year | Unleaded | Diesel | | Unleaded | Diesel | |
| 1999 | 70.2 | 72.5 | | 81.4% | 83.0% | |
| 2000 | 79.9 | 81.3 | | 75.6% | 75.2% | |
| 2001 | 75.7 | 77.8 | | 76.1% | 74.4% | |
| 2002 | 73.2 | 75.5 | | 77.5% | 75.6% | |
| 2003 | 76.0 | 77.9 | | 75.6% | 74.1% | |
| 2004 | 80.9 | 82.5 | | 73.1% | 72.0% | |
| 2005 | 87.2 | 91.3 | | 68.9% | 66.5% | |
| 2006 | 92.0 | 95.7 | | 66.2% | 64.2% | |
| 2007 | 95.0 | 97.4 | | 66.3% | 65.0% | |
| 2008 | 107.5 | 118.1 | | 61.7% | 57.5% | |



| Rate (£) | |
|----------|--|
| 010-2011 | |
| 0 | the second s |
| 0 | |
| 0 | A REAL PROPERTY AND A REAL |
| 0 | Land Contraction Contraction |
| 110 | |
| 125 | |
| 155 | |
| 250 | |
| 300 | |
| 425 | |
| 550 | * AFV discount 2009-10 A-I £20, J-M £15, 2010 |

* AFV discount 2009-10 A-I £20, J-M £15, 2010 onwards £10 all cars

** All cars over 225g/km registered to 1 March 2001-23 March 2006 in K band

| Current band | CO ₂ g/km | New band | CO ₂ g/km | Standard Rate (£)* | | | First Year Rate (£) |
|--------------|----------------------|----------|----------------------|--------------------|-----------|-----------|---------------------|
| | | | | 2008-2009 | 2009-2010 | 2010-2011 | 2010-2011 |
| А | Up to 100 | A | up to 100 | 0 | 0 | 0 | 0 |
| В | 101-120 | В | 101-110 | 35 | 35 | 20 | 0 |
| | | C | 111-120 | 35 | 35 | 30 | 0 |
| C | 121-150 | D | 121-130 | 120 | 120 | 90 | 0 |
| | | E | 131-140 | 120 | 120 | 110 | 110 |
| | | F | 141-150 | 120 | 125 | 125 | 125 |
| D | 151-165 | G | 151-165 | 145 | 150 | 155 | 155 |
| E | | Н | 166-175 | 170 | 175 | 180 | 250 |
| | | I | 176-185 | 170 | 175 | 200 | 300 |
| F | 166-185 | J | 186-200 | 210 | 215 | 235 | 425 |
| | | K** | 201-225 | 210 | 215 | 245 | 550 |
| | | L | 226-255 | 400 | 405 | 425 | 750 |
| G | Over 225 | М | Over 255 | 400 | 405 | 435 | 950 |

SMMTInformation

Glossary - SMMT segmentation

- A Mini
- B Supermini
- C Lower Medium
- D Upper Medium
- E Executive
- F Luxury Saloon
- G Specialist Sports
- H Dual Purpose (4x4/SUV)
- I Multi Purpose Vehicle

eg smart

ea Ford Focus

eg Nissan Micra, MINI

eg Vauxhall Insignia

ea BMW 5 Series

ea Rolls-Rovce

ea Porsche 911

eg Honda CR-V

eg Renault Espace

Segment A - Mini

- Normally less than 1.0 cc
- Bodystyle "miniature"
- Normally two-door
- · Length normally not exceeding 3050 mm (10 feet)

Segment B - Supermini

- Normally between 1.0 1.4 CC
- Bodystyle bigger than mini
- Length normally not exceeding 3745 mm (12.5 feet)
- Performance greater than mini
- · More variety of trims per range

Segment C - Lower Medium

- Normally between 1.3 2.0 CC
- Length under 4230 mm (14 feet)

Segment D - Upper Medium

- Normally between 1.6 2.8 CC
- Length normally under 4470 mm (14.9 feet)

Segment E - Executive

- Normally between 2.0 3.5 CC
- · Bodystyle generally bigger than upper medium
- · Normally four-door
- Length normally under 4800 mm (16 feet)
- More luxuriously appointed

Segment F - Luxury Saloon

- Normally upward from 3.5 CC
- Most luxurious available

Segment G - Specialist Sports

- Sports coupés
- Sports saloons
- Traditional sports

Segment H - Dual Purpose (4x4/SUV)

4x4 off road

Segment I - Multi Purpose Vehicle

• 4x2 or 4x4 estates with a seating capacity of up to eight people

SMMT companies

Foresight Vehicle

Foresight Vehicle is administered by SMMT and is the UK's prime knowledge transfer network for the automotive industry. This research and development programme aims to promote technology and stimulate suppliers to develop market-driven technologies for future motor vehicles (cars, taxis, HGVs, buses and light commercial vans).

www.foresightvehicle.org.uk

Industry Forum

The Industry Forum programme delivers 'learning by doing' training, teaching companies practical skills to cut waste, improve productivity and lower costs throughout the supply chain.

www.industryforum.co.uk

Motor Codes Ltd

Motor Codes Ltd has been established as a wholly-owned subsidiary of SMMT, to house all motor industry codes of practice currently operated by the Society. The Motor Industry Code of Practice for Service and Repair is the first Motor Codes brand to be launched to the public, marking a major development in consumer protection in the automotive sector. With the support of government, the National Consumer Council (NCC) and Trading Standards, the Code has completed stage one of the OFT's Consumer Codes Approval Scheme and is now active in thousands of garages across the country.

www.motorindustrycodes.co.uk







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