

April 2024

# Future used car market overview

Welcome to the latest version of our overview. Our aim is to bring you the best content and layout, making it easy to identify new and revised information. As always, any customer feedback would be appreciated: e-mail [dylan.setterfield@cap-hpi.com](mailto:dylan.setterfield@cap-hpi.com)

The content is structured as follows:

- 1. Forecast Changes
- 2. Market Conditions
- 3. Historic Forecast Accuracy
- 4. Forecast Methodology & Products
- 5. Sector Reforecast Schedule 2024

## 1. Forecast changes

The overall average change in new car forecasts between March and April is approximately -0.76% at 36/60, which is broadly in line with the normal expectation of the seasonal change for full year forecasts at this time of year.

### Sector reforecasts

This month, we publish new reforecasts for the City Car and Supermini sectors. At this review, our deflation assumptions were unchanged.

Average forecast movements are displayed in the table below.

SIZE & FUEL TYPE	UNDERLYING FORECAST CHANGE	SEASONAL ELEMENT	OBSERVED CHANGE MARCH TO APRIL
City Car Electric (BEV)	-3.8%	+0.3%	-3.5%
City Car Petrol	-3.2%	+0.3%	-2.9%
Supermini Diesel	-1.9%	+0.4%	-1.5%
Supermini Electric (BEV)	-2.4%	+0.3%	-2.1%
Supermini Hybrid (HEV)	-2.6%	+0.3%	-2.3%
Supermini Petrol	-1.8%	+0.3%	-1.5%
Overall Average	-2.2%	+0.3%	-1.9%

Average reductions in the City Car sector were broadly similar by fuel type and with relatively little variation on an individual model level.

For Supermini, electric and hybrid reduce slightly more on average than petrol and diesel and just over a quarter of models were unchanged at 36/60.

# Car future editorial

By cap hpi

There are a number of models where we have applied positive adjustments in our forecasts, as we believe some level of recovery in used values is likely following very large reductions in used values in recent weeks and months. In some of these cases, our 12-month forecast position implies values to be flat over the next year.

The following range also saw changes to their mileage profiles this month:

DACIA SANDERO (20-) – from Supermini Petrol to generic high mileage profile

We also reviewed premiums for automatic transmission for these sectors and made changes to the following ranges:

CITROEN C3 (16-) – decreased at 36/60 from £1,575 to £1,450

DACIA SANDERO (20-) - increased at 36/60 from £450 to £550

MINI ONE (18-22) - decreased at 36/60 from £850 to £625

VOLKSWAGEN POLO (17-) - increased at 36/60 from £850 to £1,000

## Forecast changes this month

The focus of our Interproduct reporting has remained on those ranges where our forecasts were now above the latest used value position. This month, 75 current ranges were considered, but in some cases it was decided to make no changes to the forecasts; some of these are flagged for review of walk-up relationships and others appear likely to see increases in used values in the near future. There are still a couple of ranges where the forecasts were marginally above used values at our monthly deadline, mainly due to used value reductions right at the end of the month, with limited time available for them to be completed in time for April publication. Some of the ranges below were also reforecast during last month's analysis, but we were forced to take further action as a result of changes in either trade or retail data (or both).

Almost all of the examples below involved changes at all ages of the forecast. In some cases, we have not applied adjustments to reflect the most recent used value reductions, as we expect some of them to be short term in nature and values to stabilise to some extent. There have been further significant disturbances to logical relationships and we are also closely monitoring retail data for signs of which elements are likely to be continued and which ones are likely to revert back to something more in line with normal expectations.

## Interproduct Reporting Changes

AUDI A6 (18-) DIESEL	FORD MUSTANG MACH-E (20-) Electric	PEUGEOT 308 (21-) Hybrid
AUDI A6 (19-) HYBRID	GENESIS GV60 (22-) Electric	PEUGEOT TRAVELLER (20-) Electric
AUDI A7 Petrol (19-) Hybrid	HONDA CIVIC TYPE R (22-)	POLESTAR 2 (19-) Electric
AUDI E-TRON GT (21-) Electric	HYUNDAI IONIQ 6 (22-) Electric	PORSCHE 911 [992] TURBO (20-)
AUDI Q4 E-TRON ESTATE (21-)	JAGUAR XE (19-) DIESEL	PORSCHE BOXSTER (16-)
AUDI Q4 E-TRON SPORTBACK (21-) Electric	JEEP COMPASS (21-) Hybrid	PORSCHE CAYENNE (18-) HYBRID
AUDI S8 (19-)	KIA SOUL (19-) ELECTRIC	RENAULT MEGANE E-TECH (22-) Electric
BENTLEY BENTAYGA (15-)	KIA XCEED (20-) Hybrid	ROLLS-ROYCE GHOST (20-)
BENTLEY FLYING SPUR (22-) Hybrid	MCLAREN ARTURA (21-)	SUBARU SOLTERRA (22-) Electric
BMW M8 CONVERTIBLE (19-)	MERCEDES-BENZ C CLASS COUPE (18-)	TESLA MODEL 3
BMW XM (22-) Hybrid	MERCEDES-BENZ CLA CLASS COUPE (19-) DIESEL	TOYOTA BZ4X (21-) Electric
CITROEN BERLINGO (21-) Electric	MERCEDES-BENZ E CLASS (18-)	TOYOTA COROLLA (18-) Hybrid
CITROEN C4 (20-) Electric	MERCEDES-BENZ E CLASS COUPE (16-)	VAUXHALL ASTRA (21-)
CITROEN C4X (22-) Electric	MERCEDES-BENZ E CLASS COUPE (16-) DIESEL	VAUXHALL ASTRA (21-) Hybrid
CITROEN C4X (23-) Diesel	MERCEDES-BENZ EQE (22-) Electric	VAUXHALL VIVARO LIFE (20-) Electric
CITROEN C5 X (21-)	MERCEDES-BENZ V CLASS MARCO POLO (19-) DIESEL	VOLKSWAGEN ID.5 (22-) Electric
CITROEN C5 X (21-) Hybrid	MG MOTOR UK MG 4 (22-) Electric	VOLKSWAGEN TOURAN (15-)
CUPRA BORN (21-) ELECTRIC	MG MOTOR UK MG 5 (20-) Electric	VOLVO C40 (21-) Electric
CUPRA LEON (20-)	NISSAN ARIYA (21-) Electric	VOLVO XC90 (14-) HYBRID

# Car future editorial

By cap hpi

CUPRA LEON (20- ) Hybrid  
DS DS7 CROSSBACK (19- ) Hybrid

ORA 03 (23- ) Electric  
ORA CAT (22- ) Electric

## Other Forecast Changes

**DS DS3 CROSSBACK / DS3 (19- )** Premium for Esprit De Voyage trim over Performance Line reduced from £625 to £300 at 36/60 and premium for Rivoli and Ultra Prestige over Ines de la Fressange trim at 36/60 increased from £175 to £500

**DS DS3 CROSSBACK / DS3 (19- ) Electric** Premium for Esprit De Voyage trim over Performance Line reduced from £625 to £300 at 36/60

**MERCEDES-BENZ AMG SL (22- )** Penalty for 43 [381] engine increased from -£6,800 to -£10,200 at 36/60

**MERCEDES-BENZ EQE (22- ) Electric** Walk-up review of trim and engine relationships, with varying forecast impact.

**MERCEDES-BENZ EQE ESTATE (23- ) Electric** Premium for 408 and 625 engines decreased from £7,325 to £4,950 at 36/60.

**VAUXHALL GRANDLAND X (17- )** Premium for 2021 Facelift increased from £1,950 to £2,575 at 36/60.

**VAUXHALL GRANDLAND X (17- ) Diesel** Premium for 2021 Facelift increased from £1,950 to £2,575 at 36/60.

**VAUXHALL GRANDLAND X (19- ) Petrol Hybrid** Premium for 2021 Facelift increased from £1,950 to £2,575 at 36/60.

## Seasonality changes

In line with our gold book methodology, all other model ranges outside of the other changes listed above, have had their forecasts moved forward from month to month by seasonal factors which are differentiated by sector and fuel type and are based on analysis of historical used value movements.

## 2. Market changes

### Strong start to 2024

Our expectation for March was for a further modest increase of +0.3%. There have been several subtle changes in performance during the month and it looks like the final movement will now be a marginal decrease of around -0.1%. It turned out that trade demand has continued to be robust, with tentative signs of renewed improvement towards the end of the month. We seem to be in the brief period of hiatus we predicted once the recent flurry of stock replacement eased off and we are still expecting the Easter break to provide the typical seasonal turning point. After Easter we expect to see additional depreciation, albeit slightly favourable to seasonal norms.

An increasing number of dealers now appear to be setting retail prices in line with what is being advertised, with fewer simply applying a standard margin to the lower prices that cars have recently been bought for. As previously explained, we are now just about past the period where bulging order books at the largest fleets have been fulfilled, resulting in a short-term glut of used volume. This is expected to ease; the further the year progresses, the more the market will feel the benefit of reduced new car registrations through the pandemic, translating into lower levels of used car supply and subsequent improvements in used values.

### The ban on sales of new ICE cars and LCVs from 2035

In September 2023, the UK government unexpectedly pushed the date for the phasing out of new petrol and diesel vehicles by five years to 2035. Although this action came as a surprise, we had already assumed that this would happen after the next general election, with the next government blaming the current administration for not doing enough to make 2030 a realistic proposition. Ultimately, we do not expect this to have any unanticipated impact on the used market for either BEVs or ICE vehicles, especially since the Zero Emission Mandate is being implemented as originally planned from the 3<sup>rd</sup> January 2024, requiring OEMs to meet a minimum proportion of 22% BEV. It should be noted that there are detailed 'flexibilities' available to manufacturers and some have already indicated to us that they

# Car future editorial

By cap hpi

are planning to avail themselves of different options as they already know they will not meet the mandated proportion in 2024.

## Battery electric vehicles

The used market for BEVs is likely to remain extremely complex for some time. The high prices which were fuelled by extremely strong demand in the middle section of 2022 are a distant memory; increased used volume and a multitude of issues impacting demand combined to bring the 'perfect storm', resulting in the eye-watering decreases in used values which started around 18 months ago, with several models falling in value by more than -40% and a handful more than -50%. BEVs are now down -23% Year Over Year at 36/60; continuing the improvement from the -36% in September and expected to continue to ameliorate significantly. It was not a surprise that values came down in 2022/23. If anything, the most surprising element was just how long values had remained strong during 2022, but the speed of reduction when it came was brutal. Many models continued to stabilise or increase slightly in value towards the end of 2023 as the used market for BEVs outperformed other fuel types, but in January 2024 values for BEVs (and plug-in hybrids) dropped by around -1.8% at 36/60, with the rest of the market flat. In February BEVs dropped by -1.7% (with PHEVs one percent better at -0.7%) compared to the small positive movements for other fuel types and March was -2.3% against a market that was broadly flat. However, battery electric vehicles are still selling as quickly as other fuel types on dealer forecourts – dealer demand seems to be less strong than consumer demand, with some steering clear of BEVs due to catching a cold when values dropped and the majority of independents are not stocking BEVs at all. There is clearly capacity for the used market to cope with plenty more BEVs.

Volume of BEVs will continue to increase in the coming months, but many models already appear very attractively priced following the previous reductions and we expect the rate of used car price falls to continue to slow. Buyer demand in the used marketplace is back to previous levels and although a small number of buyers remain selective, demand is considerably higher than it was a few months ago and is expected to remain robust, especially for models at the lower end of the price spectrum. On average, trade prices for the majority of battery electric models remain below conventionally fuelled versions of the same model (where both fuel types are available). This is the case from 24 months onwards and by an average of -11% at 48/40 (an increase on last month, equivalent to almost £2,000 and back to where it was a couple of months earlier) and this has now filtered through into retail prices. At 12 months old, BEVs retain an average premium of +4% (just over £1,000) over ICE equivalents. This is partly due to newer models only being in the used market in small volumes, but there is also a contribution from new car price discounts. Much has been made in the press of the discounts now available on BEVs, but the majority of existing models are now massively below list price following the previous used car price drops and there has been more pressure from discounts on nearly new values for petrol and diesel cars for some models, although in some cases differential interest rates may act to narrow the monthly payment gap between new and used. Later in the year, we expect a number of models to have list prices realigned and discounts to reduce accordingly.

Extreme variation in remarketing performance persists; it is still fairly common for performance of individual BEV models against clean to vary between 80% and 120%, although this is much less than the variation seen for many volume petrol and diesel models in the current market.

Following the downward movement in prices, nearly new used values for almost all BEVs are now back well below cost new but some models still appear to have further to fall, as indicated by our continuing negative editorial adjustments in our forecasts. However, in some cases we have now applied small positive adjustments in the expectation of a modest recovery in values and a realignment against ICE equivalents, or we have not applied the full used value reductions seen to date in our Interproduct reforecasts. Supply and demand for BEVs will continue to wax and wane over the longer term, but consumers retain the desire to reduce emissions and even in the minority of cases where there is a higher capital outlay, the cost of ownership situation will remain favourable under any sensible charging regime. There is still the prospect of new clean air zones (for example in Glasgow) and updates and extensions to the existing schemes, further fuelling demand for lower emission vehicles. There are signs that retail prices are now reflecting some of the reductions in trade prices as aged stock is disposed of and these cheaper prices are also likely to further stimulate consumer demand.

## Remainder of the market

Interest rates are continuing to constrain retail consumer demand due to the cost of borrowing; several months ago, used car customers were increasingly tending to be cash buyers, having secured cheaper funding outside of the retail

# Car future editorial

By cap hpi

network, but some of the least competitive APR deals have since improved. These will continue to improve with the reductions in CPI inflation lowering expectations for future rates across the board. Those dealers who are offering deposit contributions, combined with relatively low APR rates, are seeing the benefit and we expect this trend to continue. Interest rates are also having an impact on dealer profitability due to increased holding costs and many are expected to continue to run at stock levels considerably lower than they would have been historically, with vehicle values also remaining higher. With base rates expected to stay level for the next few months, the situation is certainly not expected to deteriorate in the near future and should see a marked improvement once the first reduction in base rates occurs.

We expect the re-pricing of aged stock to continue and growth in demand to continue to be limited by the cost-of-living squeeze. Increasingly, we expect dealers to be disposing of overage cars, either through auction or within the trade, as they cut their losses and focus on current market opportunities.

There are ongoing constraints all across the supply chain and global supply chains remain fragile. Semi-conductor supply remains constrained, but availability for all manufacturers has improved significantly and is expected to result in continued improved new car registration performance through 2024. Longer term concerns regarding security of water and power supplies in Taiwan, plus the potential for invasion by China, result in an outlook where chips in general remain in relatively short supply until additional manufacturing capacity comes on stream. Further supply disruption seems inevitable and the timing of that disruption and location of the countries impacted is likely to be impossible to predict, but the level of disruption is expected to be less than seen over the past three to four years.

Prices have continued to soften for many of the elements which had been driving inflation, including fuel, gas and electricity although geopolitical concerns remain and it is hoped that lower year on year prices will continue to feed through into food prices over the coming months; CPI is expected to continue to reduce from the peak. Container prices and shipping costs remain well below their previous highs, but the piracy risks in the Red Sea have increased some transport costs as many vessels are diverted around the Cape of Good Hope. The global inflation outlook remains complex. Increases in base rates from central banks, including the Bank of England, are thought to be unlikely to have had any significant impact on inflation and appear to have more potential to limit growth. We expect continued reductions in inflation in the coming months to be a (direct or indirect) result of lower energy costs. Petrol and diesel prices in the UK have increased slightly in the past couple of months, but are now expected to remain relatively flat in the near future and they remain around -8% below the spike last September and nearly -25% below the peak in the summer of 2022.

In summary, our view is that:

- Numerous battery electric models have stabilised following very large decreases in used values in the past 12 months, whereas some ranges remain very weak and appear to still have some way to fall, with no common denominator or central theme governing how individual ranges are performing. Many models are now looking excellent value compared to ICE equivalents or competitors and although there is potential for some to increase from their current used value position, we have generally assumed that we will see further deflation in future and have applied negative editorial or future trends adjustments in most cases. There are small positive adjustments for the handful of models which have seen the heaviest falls and in these cases, values are expected to increase slightly over the next 12 months.
- The used car market in April is expected to start to soften in line with typical seasonal patterns, with overall price reductions expected to be slightly less than seasonal averages. Condition continues to be key, with parts availability and refurb capacity continuing to reduce while costs inevitably increase and the cleanest vehicles are generally expected to continue to perform well. Retail demand will remain constrained over the short term as the reality of the cost-of-living squeeze continues to make itself felt and concerns remain over the impact of current interest rates on mortgage costs. Used car volumes will start to reduce in the coming months, as long overdue vehicles start to disappear from fleet order banks. Battery electric models are all still frequently re-assessed on an individual basis for short term forecast, but some are now allocated standard sector movements.
- Although the UK may be in a technical recession (subject to final revisions to GDP data), we remain in an environment of sluggish growth. As mentioned in our customer webinars, the negative economic impact of any potential recession is expected to be outweighed by the reduction in used car supply already guaranteed by the lower new car registrations from the start of the pandemic onwards. Used car prices are not generally correlated

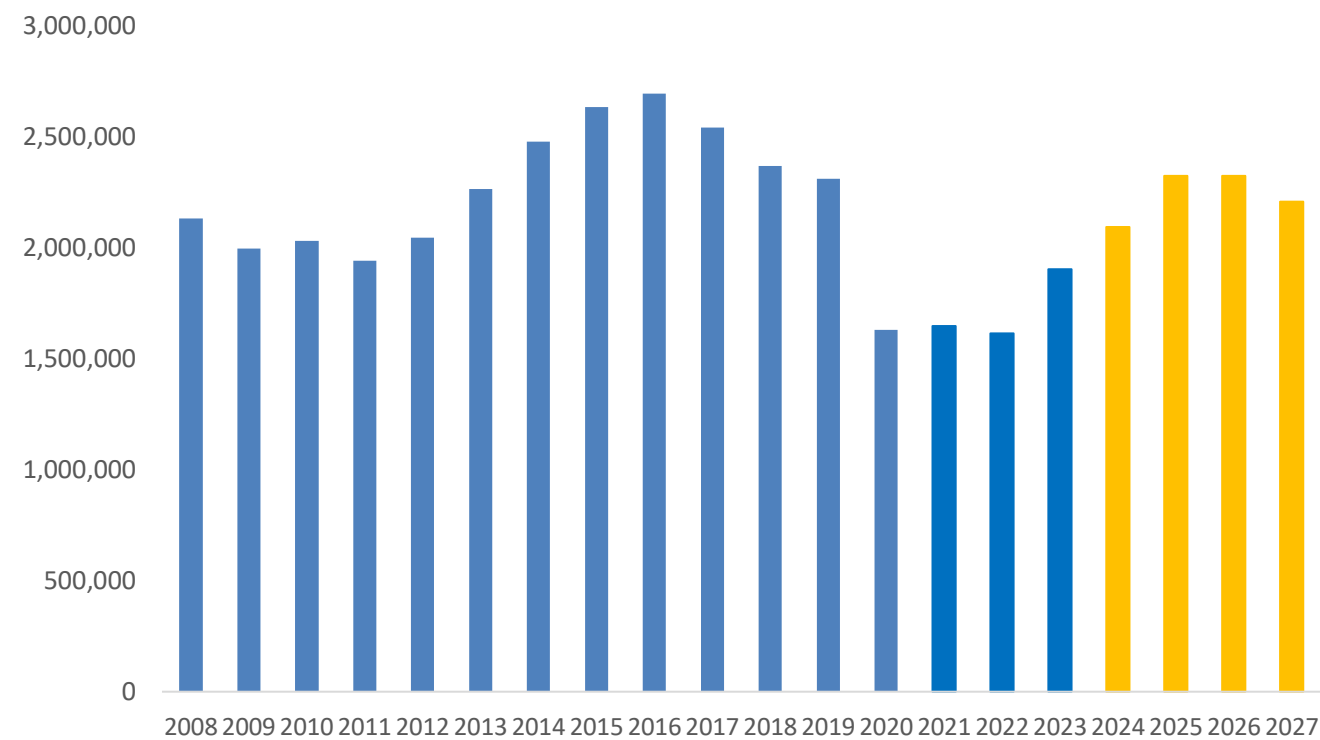
# Car future editorial

By cap hpi

- with GDP growth, partly because there is a substantial element of core “needs purchases” and also because reductions in consumer confidence and disposable income result in changes of used car buying, rather than preventing it; buyers may turn to older/smaller/higher mileage cars or turn to the used market instead of buying new.
- There are still a significant and increasing number of cases where logical relationships have been broken and an increasingly smaller number of cases where nearly new used values are above list prices. These are expected to resolve themselves in time, but not before further distortion from the severe used value reductions at the end of last year and the partial recovery at the beginning of this year. It is extremely hard to predict how retail demand will progress through 2024, especially given the complex economic situation, but in general an improvement is expected as CPI inflation continues to decrease and is likely to accelerate once interest rates start to come down again.
  - New car supply issues have eased significantly for the vast majority of OEMs, but there remain an isolated number of cases of derivative-specific impacts within model ranges, or individual options which continue to be difficult to obtain.
  - As we move through 2024, we will start to see the positive impact of reduced used car supply as a result of around 2.47 million fewer cars registered through the course of the pandemic, particularly from fleets (approximately two thirds of the shortfall).

## Supply side factors

Our forecast for 2023 increased in the first half of the year from 1.86mm to 1.88mm and the final registration total came in at 1.90mm (up +16.5% vs. 2022, but still -18.7% down on 2019). Our initial forecast for 2024 is for a further improvement to 2.09mm (up around +10% on 2023 but -9.4% down on 2019). We expect that registrations will gradually increase to a pre-pandemic level of around 2.3 million registrations by 2025 (a year later than previously expected), but not returning to the peaks seen between 2014 and 2018 and still just below pre-pandemic levels. We also expect to see a reduction in registration levels from 2027 as increasing number of ICE models are discontinued as a result of the Zero Emission Vehicles Mandate.



The chart below shows our latest forecast market share split by fuel type. Petrol and diesel volumes include mild hybrids. The decline in diesel will continue but is likely to slow down since it will remain the right choice for a hard-

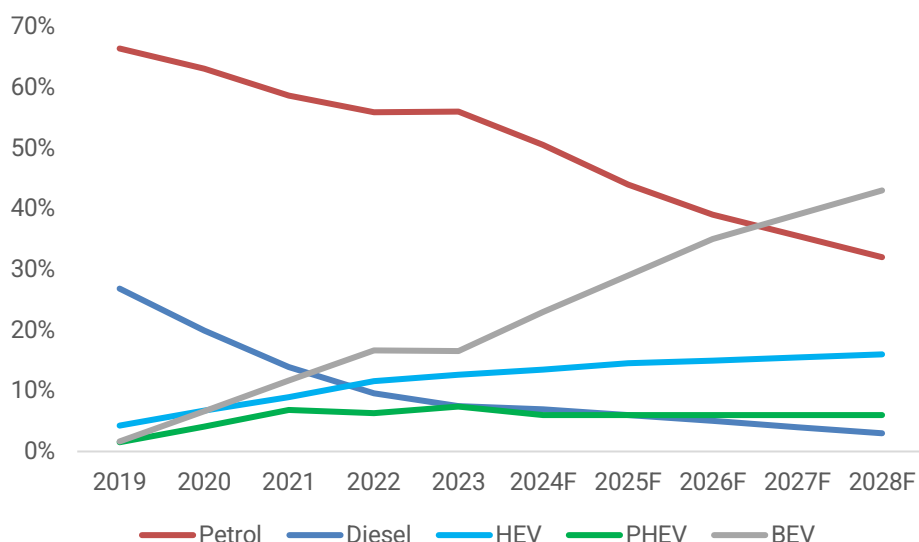


# Car future editorial

By cap hpi

core minority of drivers and use cases. The timing of the eventual disappearance of diesel from the new car market will depend on when manufacturers cease to make individual models available to the UK market.

Our share split progression is updated below but remains under review. BEV share in 2023 remained flat, but this was significantly impacted by manufacturers holding off on a proportion of BEV registrations until 2024 (due to the implementation of the Zero Emission Vehicle Mandate) and also by Tesla registrations being around -66% down on the previous December (and -56% down in the final quarter). The likelihood of forced registrations of BEVs this year is still likely to vary significantly by OEM and there are a number of manufacturers who will need to take full advantage of the “flexibilities” available to them, as they will not achieve the 22% mandated level in 2024. Despite the increase in BEV share, we are still showing 2028 at 43% (well below ZEV Mandate levels of 52%) and our view is that the targeted share can only be achieved through the early discontinuation of a significant proportion of ICE models in the UK and lower overall levels of new car registrations.



Growth will continue to be led by battery electric vehicles (BEVs) which became the dominant AFV type towards the end of 2022 as we expected and is forecast to be the largest fuel type in the market during 2027. Post-Covid driving patterns (shorter and fewer journeys due to the increase of home working and online meetings) are likely to add to demand. The government’s proposal to ban new ICE cars from 2035 will also be part of this increase, provided enough vehicle supply is made available and investment in charging infrastructure keeps pace with demand.

## Demand side factors

Latest medium-term independent forecasts for the UK economy were published in February and the new forecasts are unchanged in their outlook for GDP for 2024 to 2026. There was a further slight improvement in the view of 2027 (from +1.6% to +1.7%), and 2028 is also seen as +1.7%. The most recent forecast published by the OBR is worse than the previous outlook but favourable in comparison to the independent forecasts, especially in the outer years.

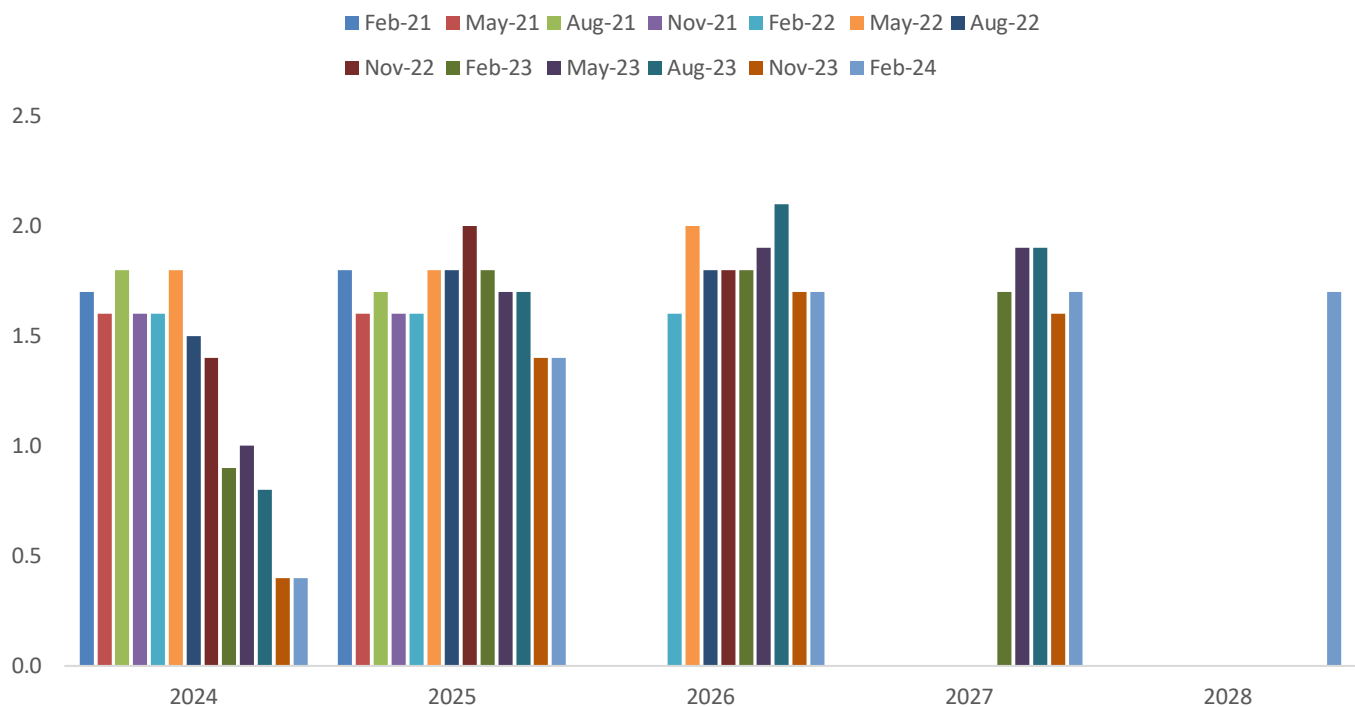
The damage done by successive interest rate rises from the Bank of England seems to have finally been recognised by the Monetary Policy Committee and base rates are expected to remain at their current level in the short term, before slowly reducing. The average independent forecast for the next 12 months is for interest rates to reduce from the current level of 5.25% down to 4.4% and then down to 3.7% by the end of 2025.

The chart below shows the latest GDP forecasts to 2027, alongside previous forecasts.

# Car future editorial

By cap hpi

## Independent GDP Forecasts



The latest independent unemployment forecasts now show unemployment rates increasing throughout the period to 4.9% in 2028 – broadly similar to the November forecasts. Prior to this, the May forecast had been reasonably flat for the next few years and peaking at 4.2% in 2024.

CPI inflation is still considered to be on a downward trajectory (now 3.4% from a peak of 11.1%) and is expected to come back below the Bank of England's 2% target later this year. Electricity wholesale prices are now at their lowest level since April 2021 and are approaching historic levels, despite the impact of seasonal demand. The BoE continue to be wary of "second order effects", in particular the levels of wage awards, with a view that CPI will only briefly remain on target before increasing again. The previous increases were driven by a combination of increased fuel and energy costs, everyday household goods, food and clothing, and ongoing labour market imbalances. Thankfully, base rates are expected to remain level again in the coming months and although indications from the BoE may imply we are now at the peak, they have been at pains to point out that they will come down slower than they went up. Concerns remain that rates have been raised too far and too fast, damaging UK growth, but it is clear that the central bank are currently in no mood to lower rates in the short term. The Bank of England also retain concerns around service costs fuelling further inflation, (partly due to the impact of wage settlements), although thankfully the dangers of secondary effects that are harmful to growth going forward also now appear to have been recognised.

The Bank of England survey had previously shown a continued trend for precautionary saving, but they are now factoring in lower level of household saving than had previously been assumed, with amounts built up during the pandemic assumed to now be being spent to fend off the cost-of-living situation.

### 3. Historic forecast accuracy

Since the introduction of gold book at the end of 2013, we have been able to track the accuracy of historic forecasts against current (black book) values. This tracking is longest for 12-month forecasts (tracked since January 2015) and shortest for 60-month forecasts (tracked since January 2019).

Overall, we are satisfied that accuracy results have generally been within the +/- 5% target agreed with customers, but recognise that results were affected by the unexpected strength of petrol values, which started in 2017 as a result of



# Car future editorial

By cap hpi

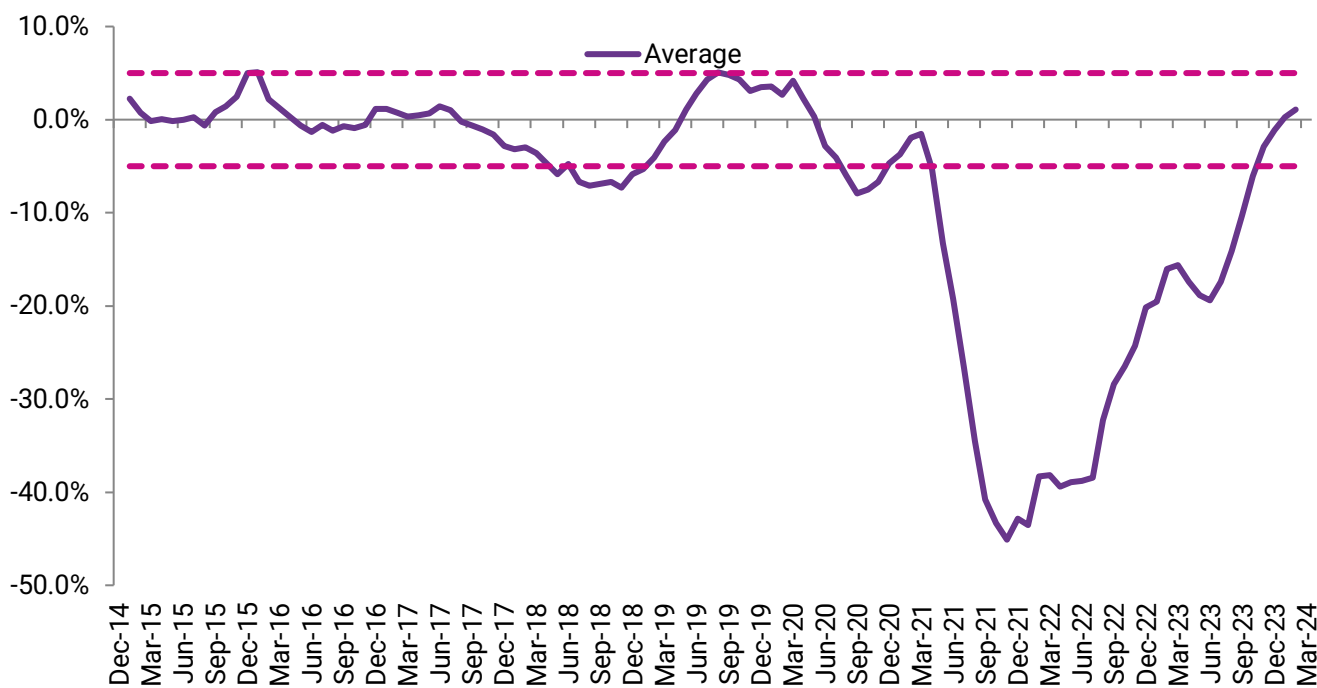
anti-diesel press, but which fell away since late 2018, as we had predicted. Diesel forecast accuracy has historically been within target, while petrol forecast accuracy fell outside of target during this period of strong values. There was a brief deterioration in accuracy in 2020 when business resumed after the first lockdown and values benefitted from the release of pent-up demand, but we were back on target as the market readjusted. In 2021, our historic forecast accuracy was severely impacted by the strength of the used market after dealerships re-opened in April as COVID restrictions started to be lifted. The record-breaking strength in used values on resumption of business (at a time when we would normally expect to see depreciation in each month) resulted in a significant shift in accuracy. For longer forecast durations, this will have an impact for a long time to come.

Therefore, the tracking charts below all show the same general patterns, with the difference to target being less for 12-month forecasts (reforecast most recently); and being more for longer term forecasts (reforecast less recently). Details are shown below for 12 and 36 months, but all details are available on request.

## 12-month results

Since measurement started our 12 month used forecasts have averaged -8.2% less than used values across all vehicle ids, and the most recent results show March 2023 12/20 forecasts being +1.1% higher than March 2024 12/20 used values

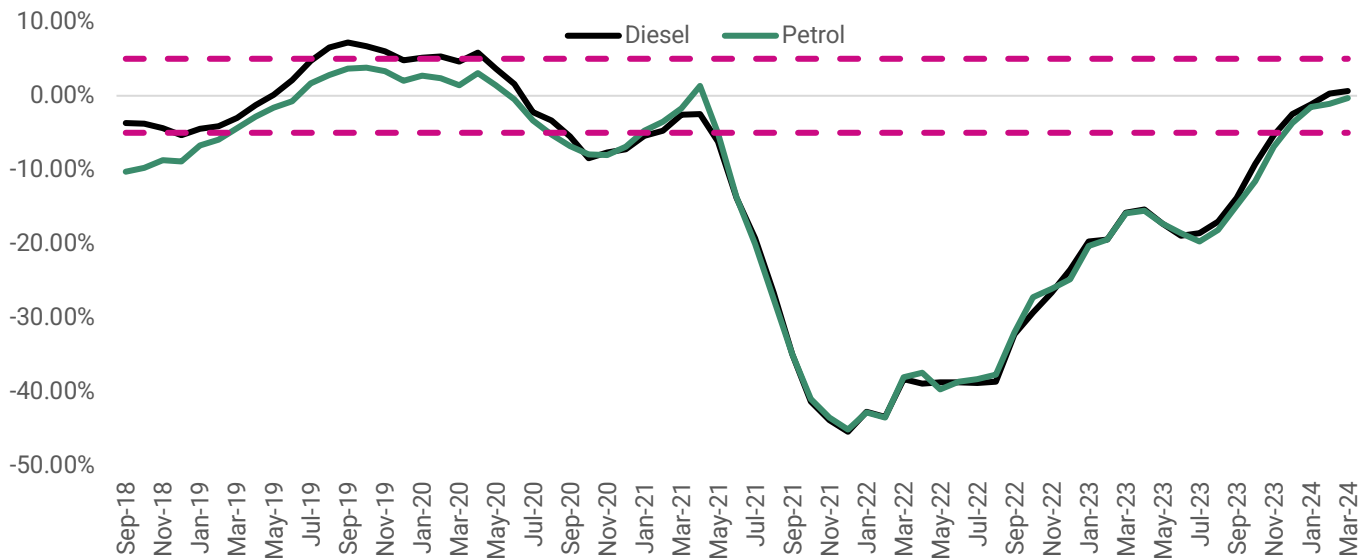
## Overall results



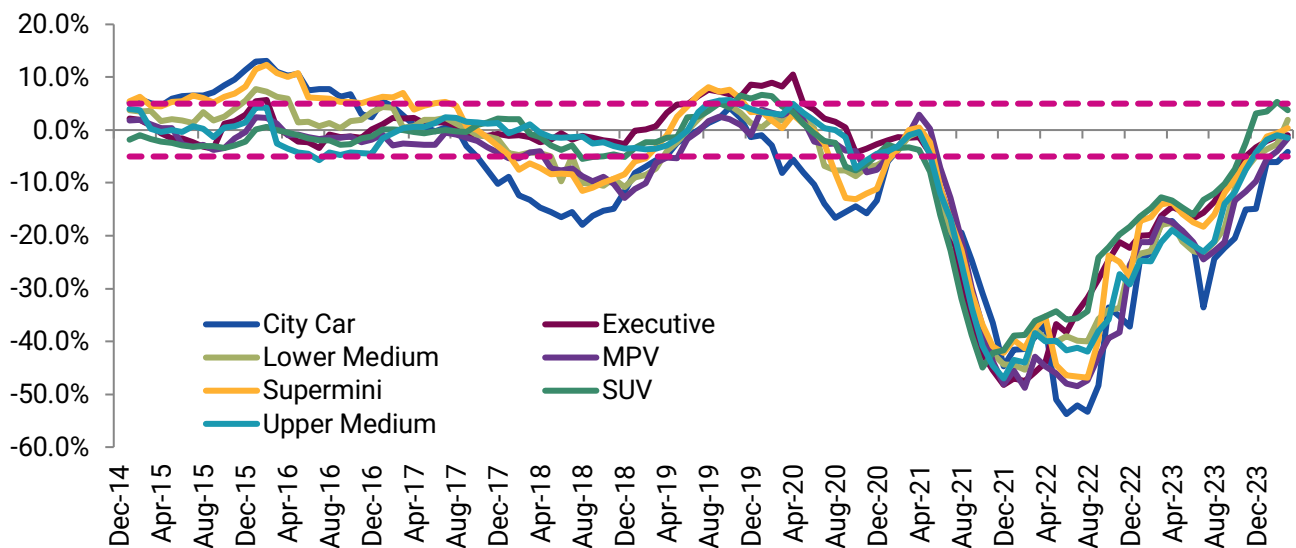
# Car future editorial

By cap hpi

## Fuel type results



## Sector results



The most recent results for the main sectors are as follows:

March 24	Average of Diff (%)
City Car	-4.1%
Executive	-1.0%
Lower Medium	1.9%
MPV	-1.6%
Supermini	0.3%
SUV	3.7%
Upper Medium	-1.4%
<b>Grand Total</b>	<b>+1.1%</b>

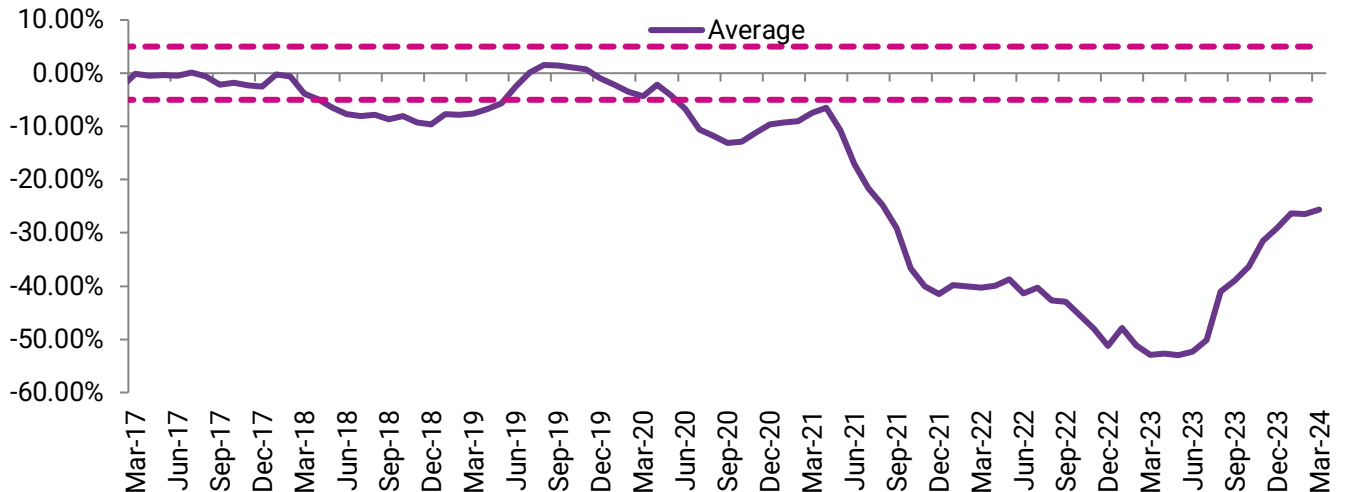
# Car future editorial

By cap hpi

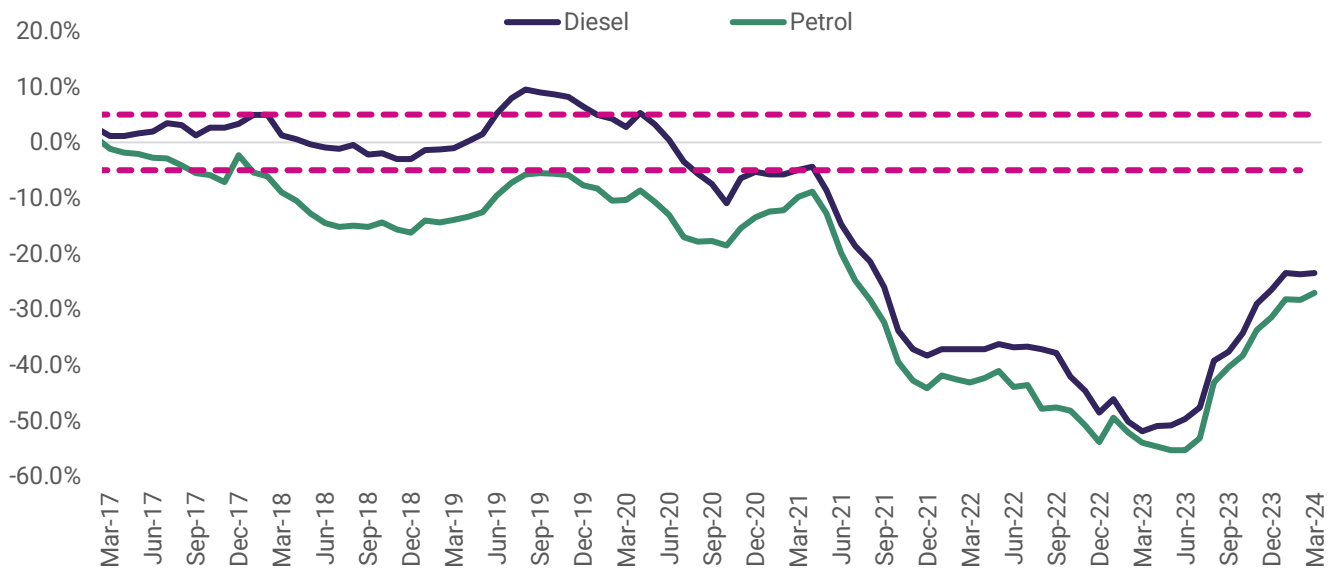
## 36-month results

Since measurement started our 36 month used forecasts have averaged -18.3% less than used values across all vehicle ids, and the most recent results show March 2021 36/60 forecasts being -25.6% lower than March 2024 36/60 used values (unsurprising given record-breaking increases in used values through 2021).

Overall results:



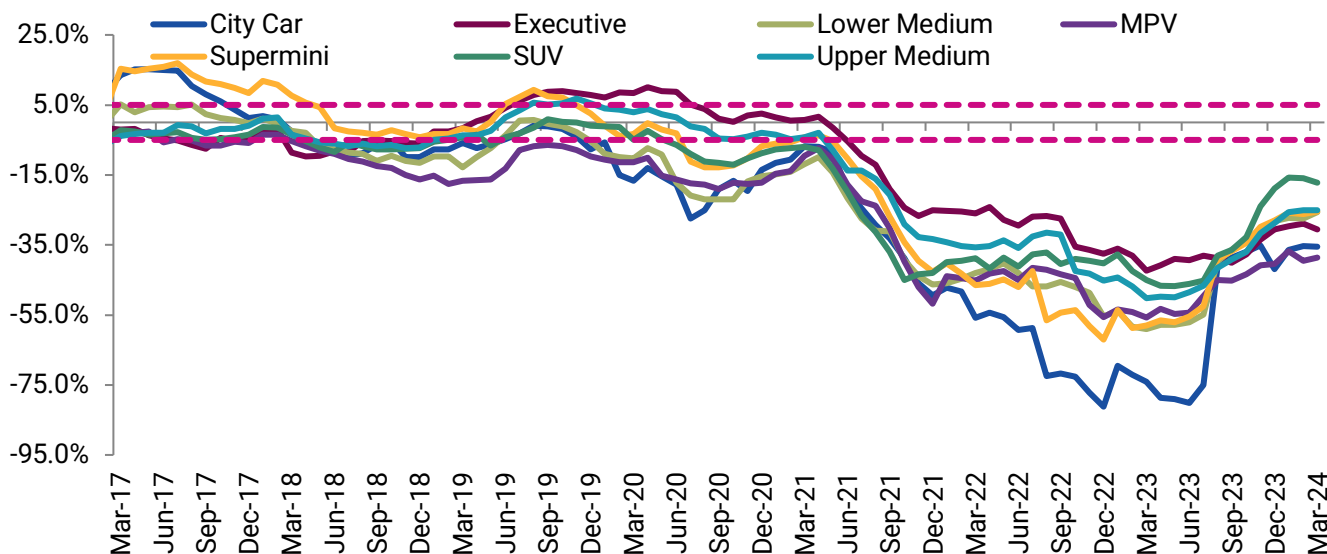
Fuel type results:



# Car future editorial

By cap hpi

Sector results:



The most recent results for the main sectors are as follows:

February 23	Average of Diff (%)
City Car	-35.5%
Executive	-30.6%
Lower Medium	-25.7%
MPV	-38.6%
Supermini	-25.4%
SUV	-17.2%
Upper Medium	-25.1%
Grand Total	-25.6%

## 4. Forecast methodology and products

### Overview and gold book iQ

Our values take current month used values as a starting point (uplifted for model changes where necessary), are moved forward according to age/sector/fuel specific year on year deflation assumptions regarding future used car price movements and are then subjected to additional adjustments by the Editorial Team. Finally, the values are moved forward by the next month's seasonality adjustments which are differentiated by sector and fuel type and are based on analysis of historical used value movements.

All these assumptions and adjustments are available for scrutiny to our customers through our gold book iQ product: complete transparency in automotive forecasting.

Changes may be actioned wherever there is reason to do so outside of the sector reforecast process and we continue our monthly Interproduct analysis with our used value colleagues exactly as before.

# Car future editorial

By cap hpi

## Short term forecast (0-12 months)

Our short-term forecast product, (covering 0-12 months) was launched in 2014. This is a live, researched product with a dedicated editor and filled a gap in our historical forecast coverage.

## Forecast daily feed

In December 2017 we introduced a daily feed of forecasts for new models launched onto the market, so that customers do not have to wait until the next month to receive these forecasts.

## Forecast output

Individual forecasts are provided in pounds and percentage of list price for periods of twelve to sixty months with mileage calculations up to 200,000. Each forecast is shown in grid format with specific time and mileage bands highlighted for ease of use.

All forecast values include VAT and relate to a cap hpi clean condition and in a desirable colour. Values are for a “naked” vehicle and do not reflect any added option content.

## Parallel imports

Particular care must be taken when valuing parallel imports. Vehicles are often described as full UK specification when the reality is somewhat different. These vehicles should be inspected to ensure that the vehicle specification is correct for the UK. Parallel imports that are full UK specification and first registered in the UK can be valued the same as a UK-sourced vehicle.

## Grey imports

cap hpi gold book does not include valuations for any grey import vehicles, (i.e., those not available on an official UK price list)

## 5. Reforecast calendar 2024/25

We previously accelerated our calendar of sector reforecasts, to ensure that forecasts for all sectors incorporate the latest views of the future market in this fast-changing environment. The table below shows our revised future schedule of sector reforecasts:

Monthly Product	Sector 1	Sector 2	Sector 3	Sector 4
May-24	Upper Medium	Executive	Large Executive	Luxury Executive
Jun-24	Lower Medium	MPV		
Jul-24	Convertible	Sports	Supercar	
Aug-24	SUV			
Sep-24	City Car	Supermini		
Oct-24	Upper Medium	Executive	Large executive	Luxury Executive
Nov-24	Lower Medium	MPV		
Dec-24	SUV			
Jan-25	Convertible	Sports	Supercar	
Feb-25	City Car	Supermini		
Mar-25	Upper Medium	Executive	Large Executive	Luxury Executive
Apr-25	Lower Medium	MPV		