



EXECUTIVE SUMMARY

In May, a decreasing day supply and stable sales in the used car market suggested strong demand. This requires dealers to have a more disciplined approach to their inventory management. Conversely, the high day supply in the new car market indicates potential oversupply issues or weaker demand.

New Vehicles:

- Aged inventory percentages held steady MoM but increased five times more than used cars YoY at 11%.
- The percentage of markdowns in sold inventory also shows an increasing trend, indicating a continued reliance on markdowns to generate sales.
- The new vehicle trend of increasing day supply continued with a 2 day increase to 74 days this
 month and a 29 day increase YoY.

Used Vehicles:

• The day supply shows a decreasing trend of 2% for both YoY and MoM, indicating better inventory management and higher consumer demand.

A peek into June:

- · There will be continued growth in the new vehicle pickup segment as prices continue to fall.
- · New SUVs will hit the highest average list price in a year.

Recommended action steps for upcoming months:

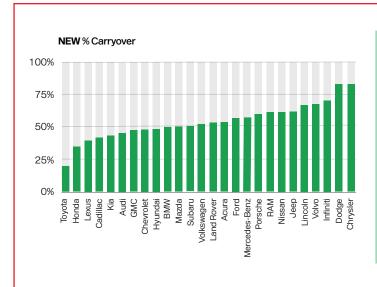
- · Scrutinize your inventory daily and recap it weekly.
- Carefully plot out a markdown strategy and make sure you are reviewing other dealer's pricing in the market for markdown guidance.

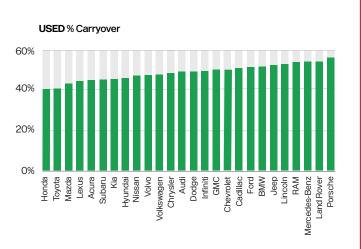
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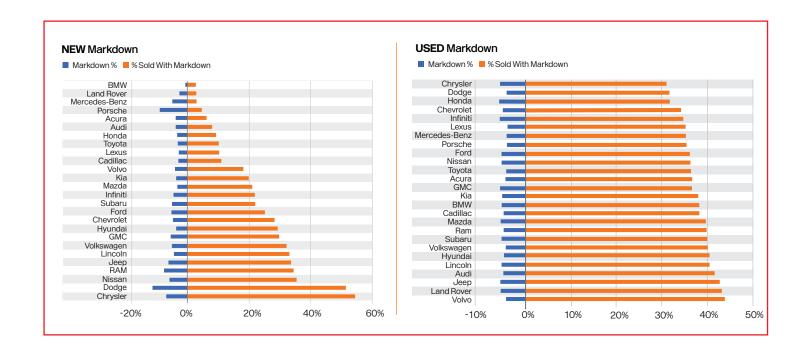
MAY 2024

VINCENSUS >

- Aging issues persisted into May with new carryover and aged ending inventory increasing by around 10% and used increasing by around 5% YoY.
- > Chrysler and Dodge have the highest percentage of new carryover inventory, consequently leading to the highest percentage of units with markdowns.





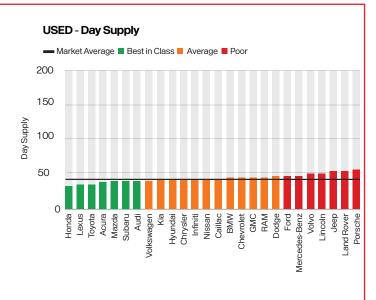


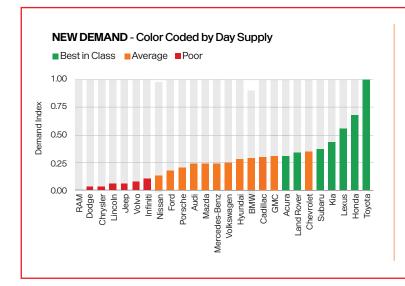


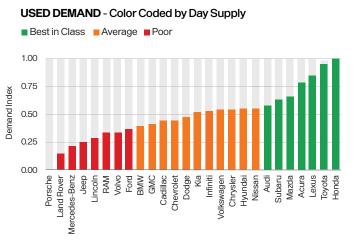


- > Efforts to address aging inventory and carryover percentage had limited success, highlighting the need for strategic adjustments to adapt to changing market conditions.
 - The day supply for both new and used vehicles held relatively steady MoM but new saw a 29 day increase YoY.
 - High variability in new vehicle day supply remained but by a lesser extent compared to early in the year.



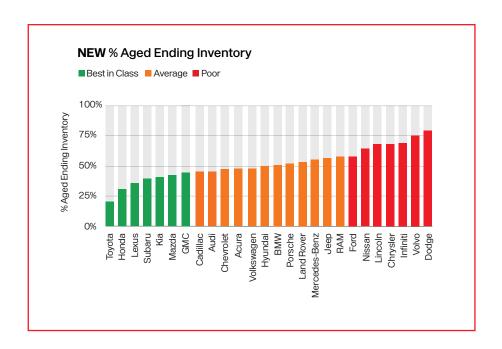


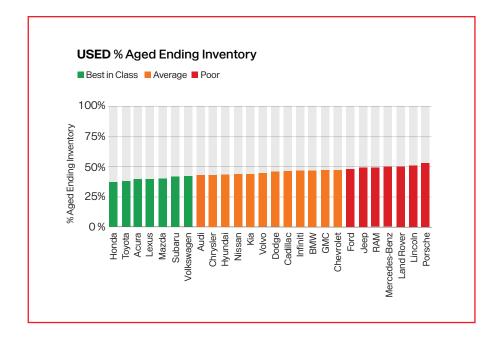






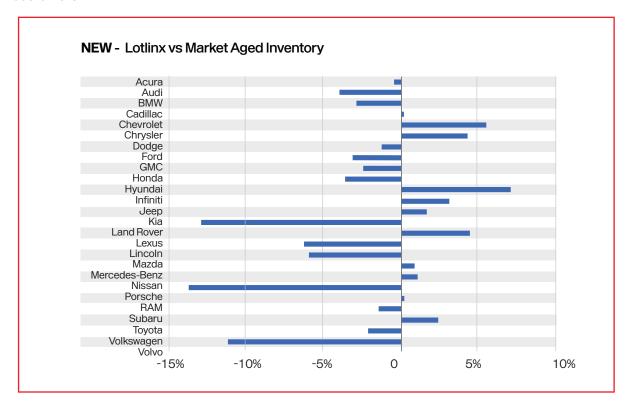
The percentage of aged inventory held steady MoM for both new and used but increased YoY by 11% for new and 2% for used.

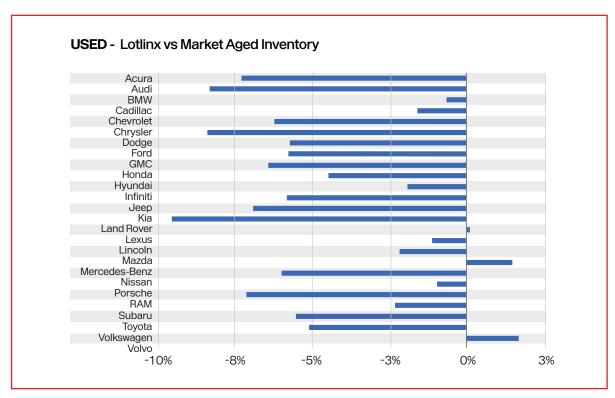






-) On average, Lotlinx customers had 2% less aged inventory than the rest of the market for new vehicles.
- Over 50% of new vehicle brands and 85% of used vehicle brands outperformed the market as Lotlinx customers.





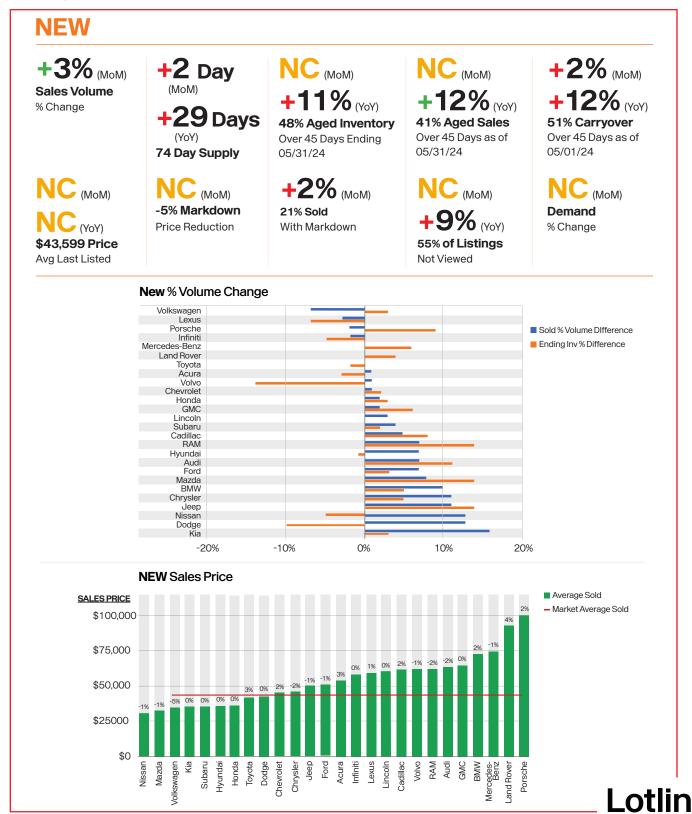
^{*} Negative values idicate Lotlinx out performing the market



Lotlinx.com

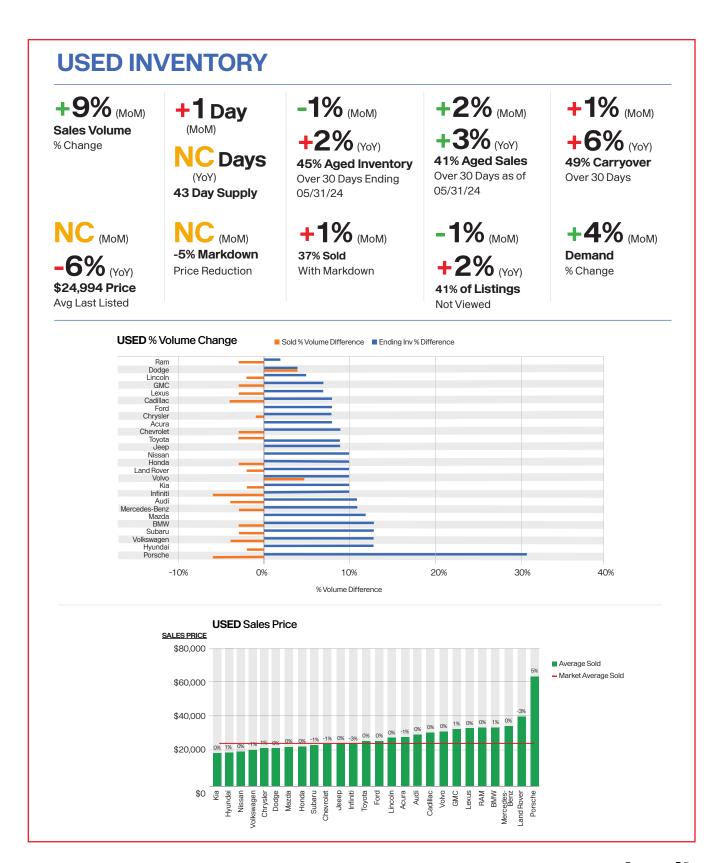


- Aged inventory percentages held steady MoM but increased five times more than used YoY at 11%.
- > The percentage of markdowns in sold inventory also showed an increasing trend, indicating a continued reliance on markdowns to produce sales.
- The new vehicle trend of increasing day supply continued with a 2 day increase to 74 days this month and a 29 day increase YoY.





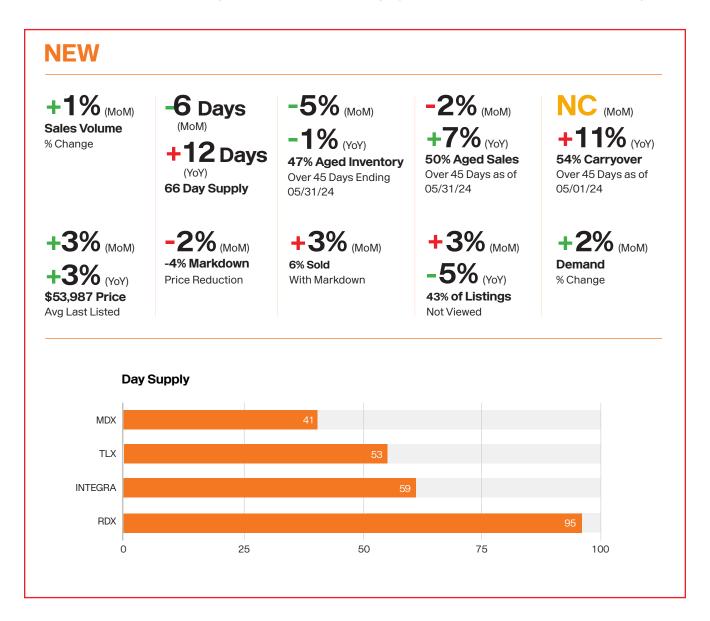
> Day supply held very steady with better inventory management and higher demand than new vehicles.





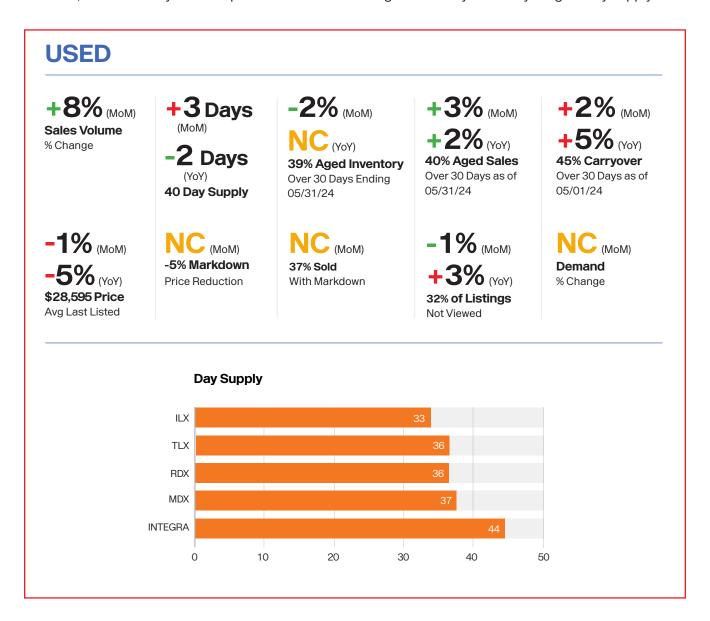


- Acura maintained a better than average day supply of 66 compared to the market's 74 days and made some improvements to their aged inventory.
- The MDX accounted for nearly 50% of Acura sales in May, up 10% from last month and 6% from last year.



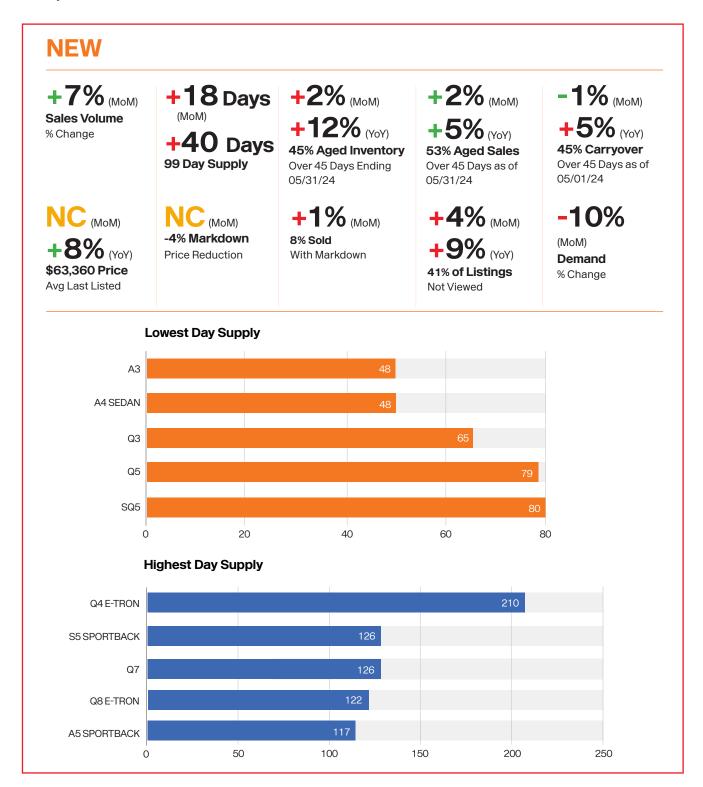


• Overall, metrics align with the market trends. However, early signs of struggle were evident with the Integra model, as it is the only one to experience an increase in aged inventory and carry a higher day supply.





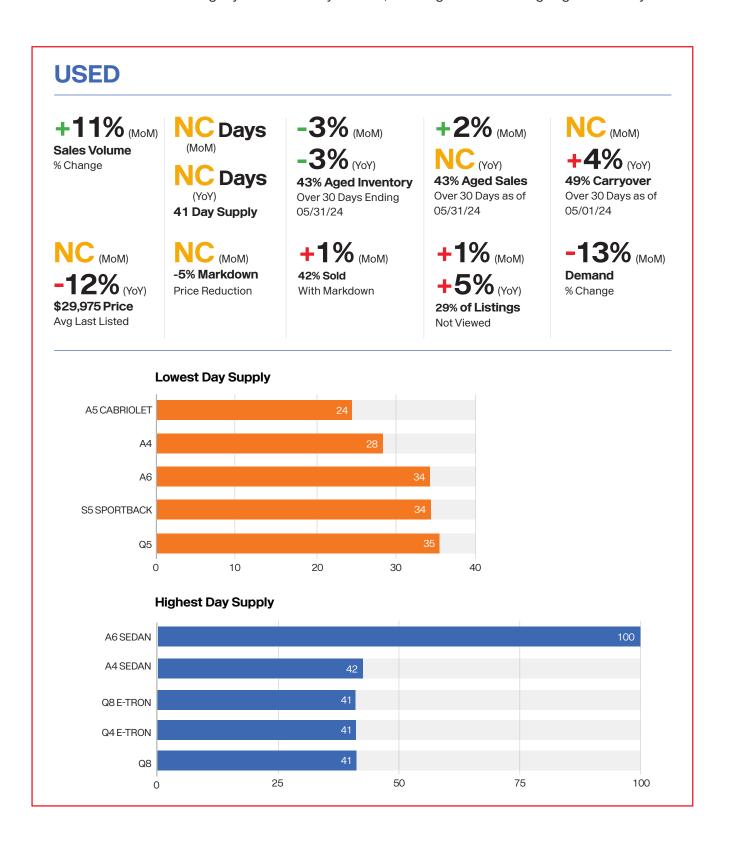
- > Even with an above average sales volume increase, Audi's day supply remained considerably higher than the market's 74 days at 99 days.
- The Q3 and Q5 had a strong May moving some aged inventory, but day supply continues to climb by a few days each month.





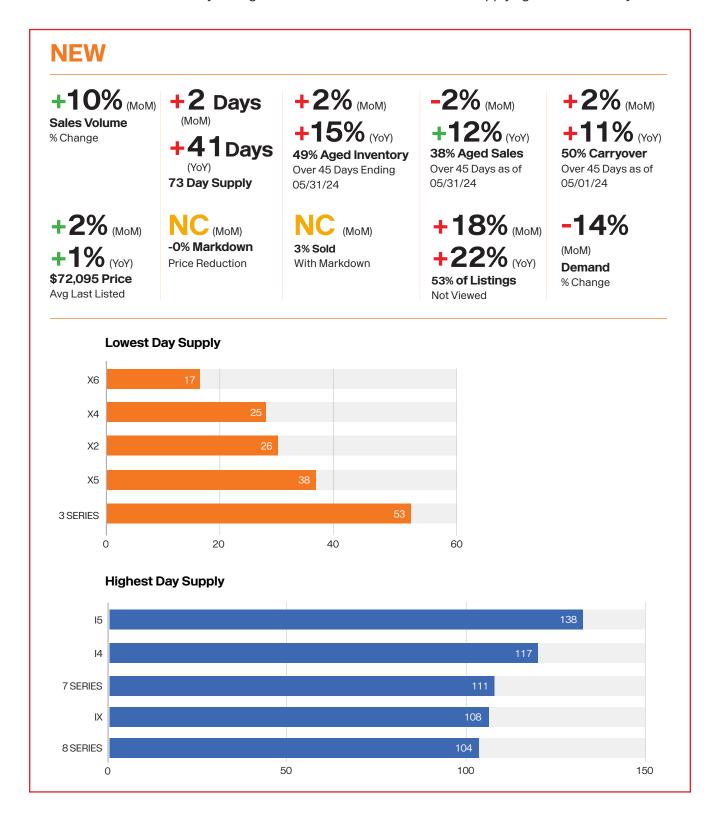


> All metrics have shifted slightly more favorably for Audi, resulting in below-average aged inventory.





- BMW managed above average sales and aging metrics in line with the market despite steep decreasing visibility of listings.
- The X5 had a very strong month as sales rose over 20% and supply tightened to 38 days.





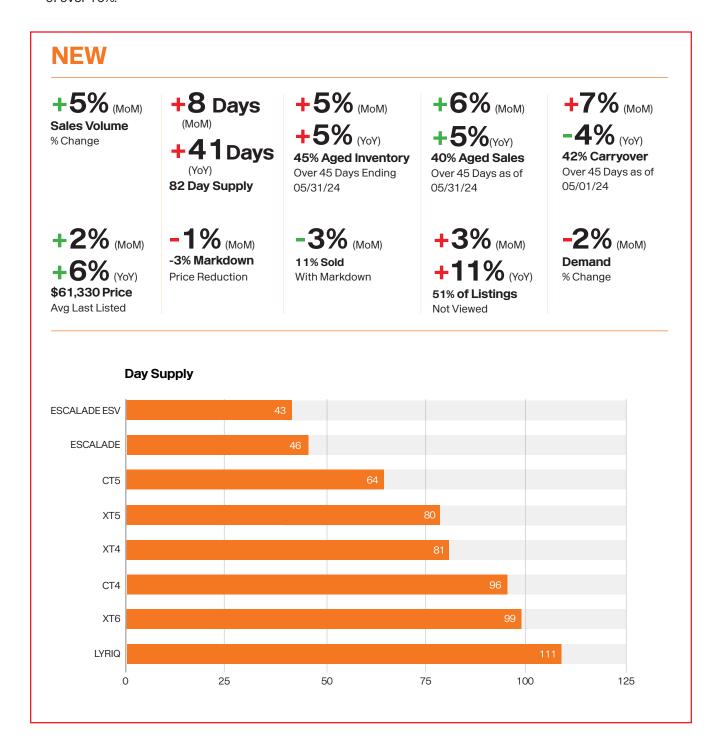


> All metrics move in line with the market.

USED +13% (MoM) +1 Days **-2%** (MoM) +3% (MoM) +2% (MoM) Sales Volume +3% (YoY) +4% (YoY) +6% (YoY) % Change +3 Days 43% Aged Sales 46% Aged Inventory 52% Carryover (YoY) Over 30 Days as of Over 30 Days as of Over 30 Days Ending 45 Day Supply 05/31/24 05/01/24 05/31/24 +1% (MoM) +1% (MoM) NC (MoM) NC (MoM) -5% Markdown **-2%** (YoY) 38% Sold **Demand** +6% (YoY) Price Reduction With Markdown % Change \$34,188 Price 28% of Listings Avg Last Listed Not Viewed **Lowest Day Supply** Х6 Χ4 4 SERIES 3 SERIES M4 0 10 **Highest Day Supply** ΙX 62 8 SERIES ХЗ Χ1 20 40 60 80 0



- Despite a growing proportion of aging inventory, Cadillac consistently outperformed the industry average in managing aged inventory. The year-over-year increase in sales prices, boosted by a higher volume share of Lyriq, reflected a notable 6% surge.
- The Lyriq had a strong month, accounting for over 20% of May's sales. However, aging is still a large problem as the month ended with 60% of inventory as aged. That is up 15% despite continued aggressive markdowns of over 10%.



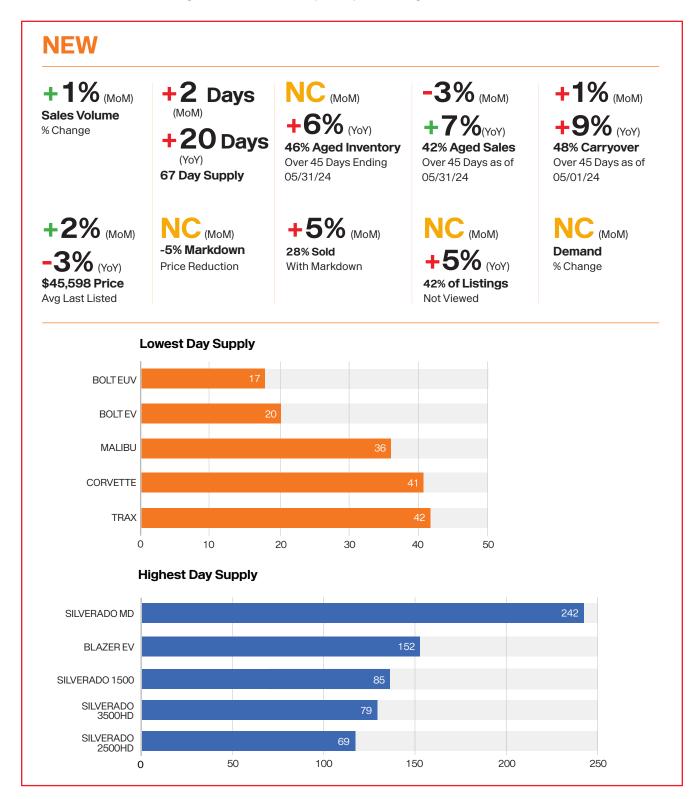


USED +1% (MoM) +1% (MoM) +8% (MoM) **-2%** (MoM) NC Days Sales Volume NC (YoY) +3% (YoY) % Change **- 1** Day 43% Aged Sales 51% Carryover 46% Aged Inventory Over 30 Days as of Over 30 Days as of Over 30 Days Ending 45 Day Supply 05/31/24 05/31/24 05/01/24 NC (MoM) -1% (MoM) -2% (MoM) -5% Markdown 38% Sold Demand Price Reduction With Markdown % Change \$30,998 Price 35% of Listings Avg Last Listed Not Viewed **Day Supply** CTS SEDAN ESCALADE **ESCALADE ESV** CT5 XT4 XT6 CT4 XT5 LYRIQ 20 40 60 0

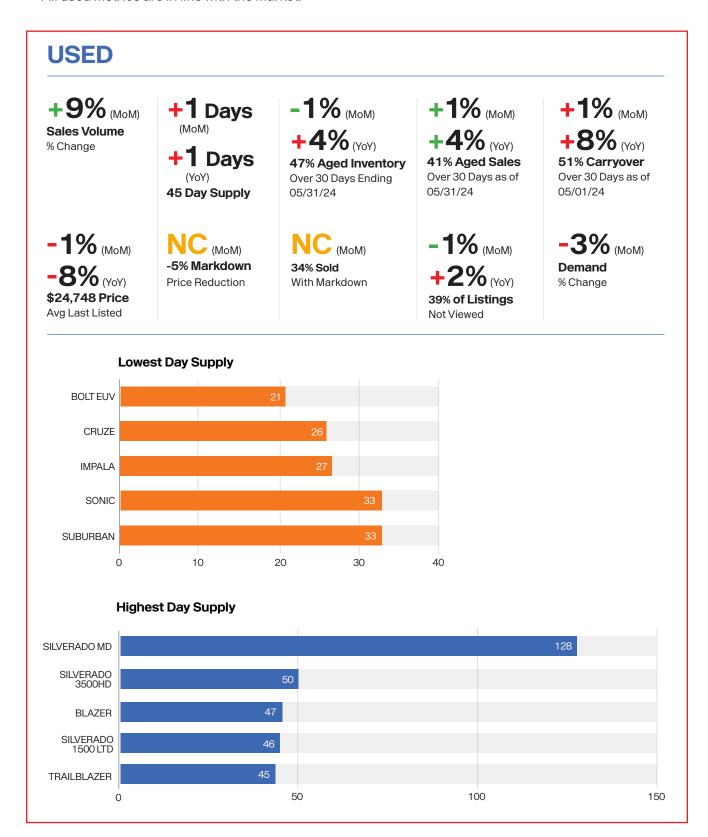
Lotlin_x



- Despite below-average sales growth, Chevrolet managed to achieve slightly better-than-market-average inventory statistics.
- The Traverse had a strong month with inventory finally becoming available.



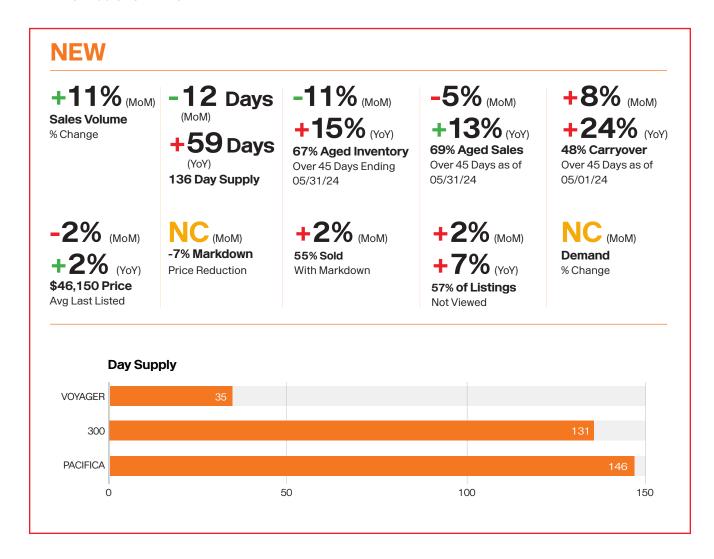








- This was the first month of the year that Chrysler successfully lowered their aged inventory by 11%.
- While day supply is very high compared to competitors, the increasing trend was disrupted with a decrease in day supply by 12 days.

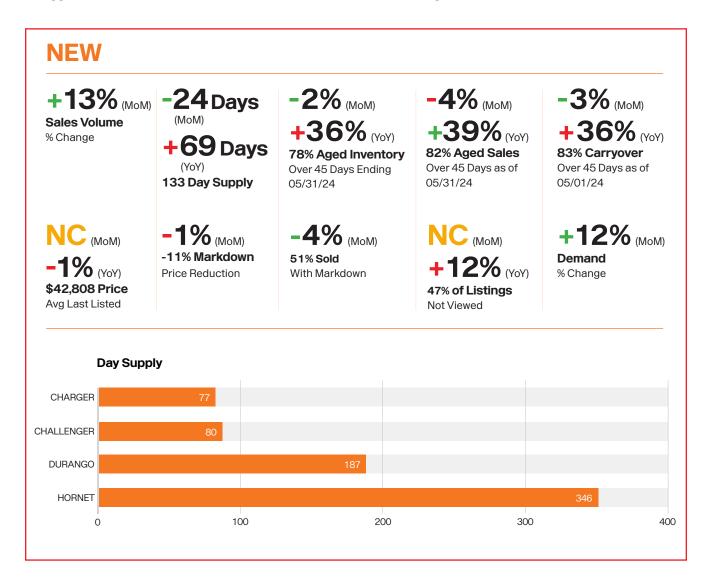




USED -3% (MoM) +2% (MoM) **+2%** (MoM) +8% (MoM) NC Days Sales Volume NC (YoY) +1% (YoY) +3% (YoY) % Change -2 Days 39% Aged Sales 49% Carryover 43% Aged Inventory (YoY) Over 30 Days as of Over 30 Days as of Over 30 Days Ending 42 Day Supply 05/31/24 05/31/24 05/01/24 +1% (MoM) -1% (MoM) -5% (MoM) -6% Markdown 31% Sold Demand Price Reduction % Change With Markdown \$21,980 Price 42% of Listings Avg Last Listed Not Viewed **Day Supply** 200 300 **PACIFICA** VOYAGER 10 20 30 40 50

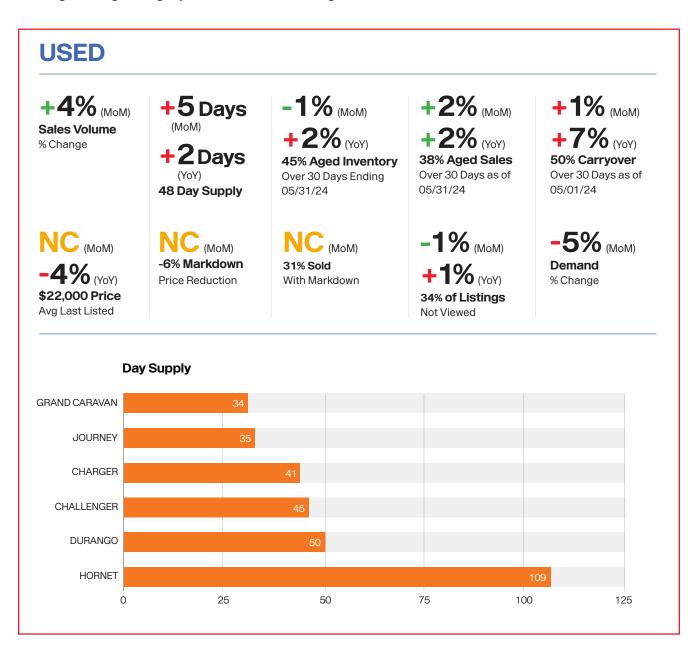


-) Dodge continues to make small strides to correct a massive day supply and aged inventory.
- Aged ending inventory has slowly but steadily been decreasing since the beginning of the year to 78%.
- > Aggressive markdowns continued with another 1% increase in magnitude but on fewer units.



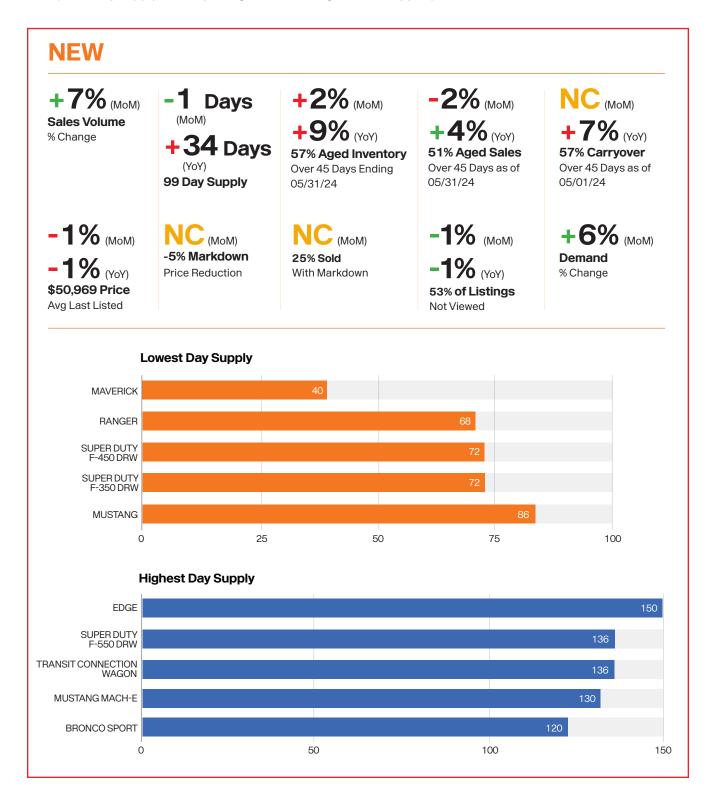


> Dodge sales grew slightly below the market average of 9%.





- > Ford continued to run a high day supply with only the Maverick and Ranger sitting on a day supply lower than the market average of 74 days.
- > Explorer day supply is slowly being reined in as aged inventory jumps to 74%.



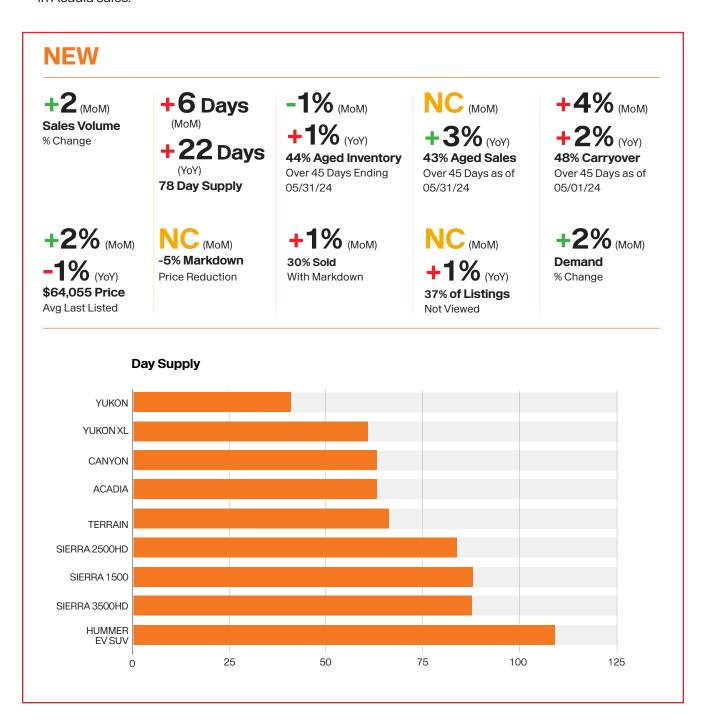




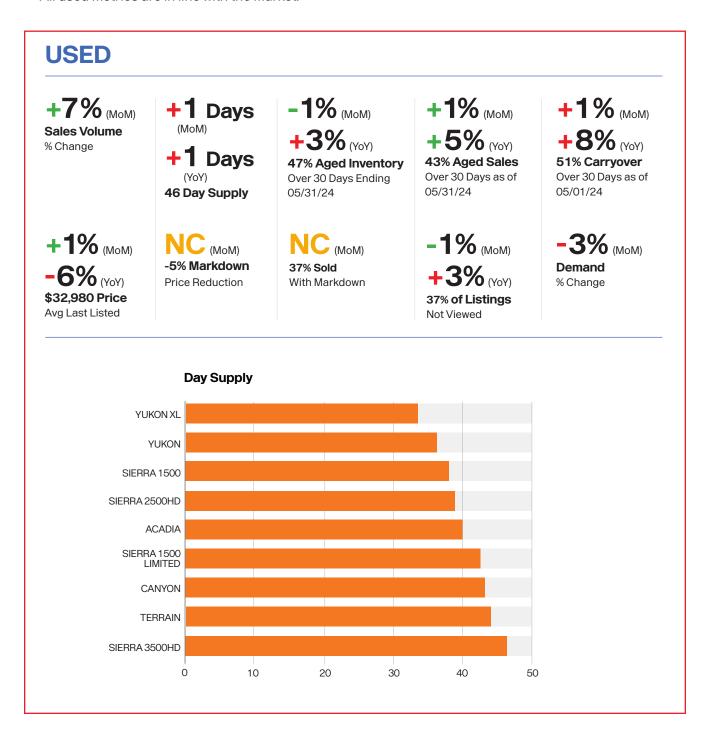
USED -1% (MoM) +1% (MoM) +8% (MoM) +1% (MoM) +2 Days Sales Volume +1%_(YoY) +2% (YoY) +5% (YoY) % Change **+1** Day 41% Aged Sales 52% Carryover 48% Aged Inventory Over 30 Days as of Over 30 Days as of Over 30 Days Ending 48 Day Supply 05/31/24 05/31/24 05/01/24 NC (MoM) -1% (MoM) -6% Markdown 36% Sold Demand Price Reduction % Change With Markdown \$26,180 Price 40% of Listings Avg Last Listed Not Viewed **Lowest Day Supply FOCUS FIESTA EXPEDITION EL TAURUS FUSION** 10 20 30 0 **Highest Day Supply** SUPER DUTY F-550 DRW TRANSIT CONNECT WAGON 62 SUPER DUTY F-450 DRW **BRONCO SPORT** RANGER 0 50 75 100



- > GMC maintained a well managed inventory with a better than average aging profile and below average day supply.
- GMC had the highest increase in list price YoY of 11% due to an increase in Sierra 1500 and a decrease in Acadia sales.

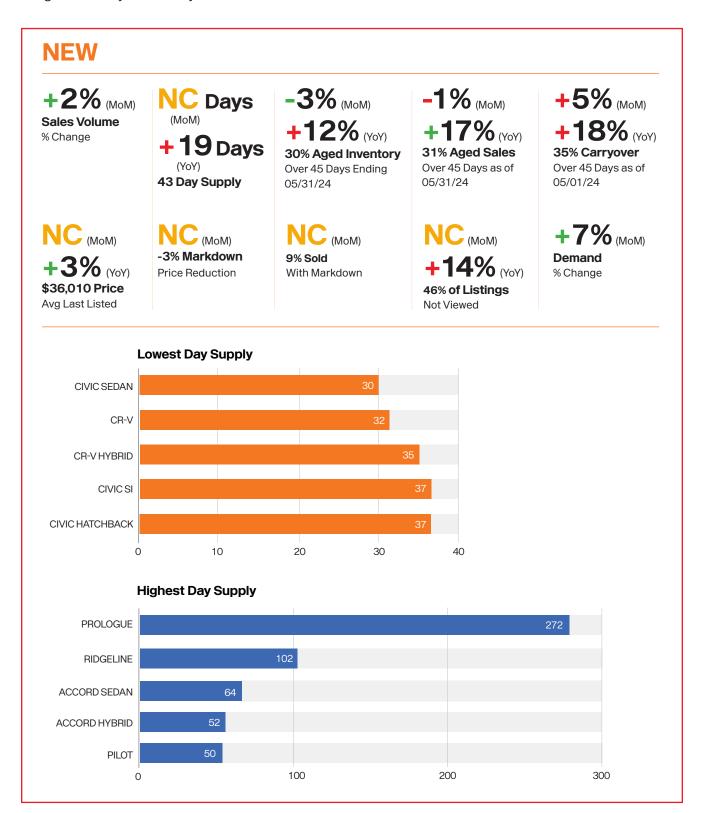






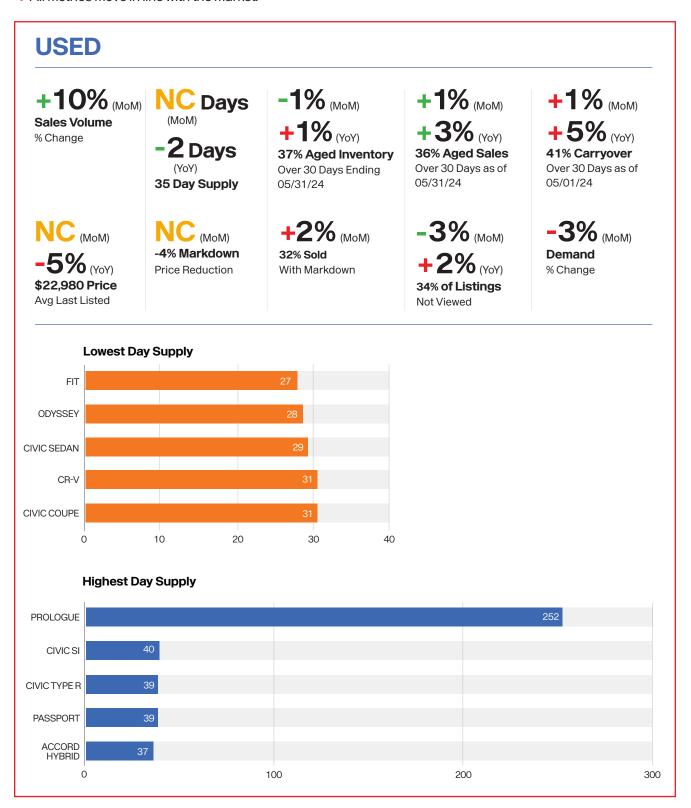


After some moderate aging inventory concerns in April, Honda's tight day supply was able to quickly rebound aged inventory to February's level of 29%.



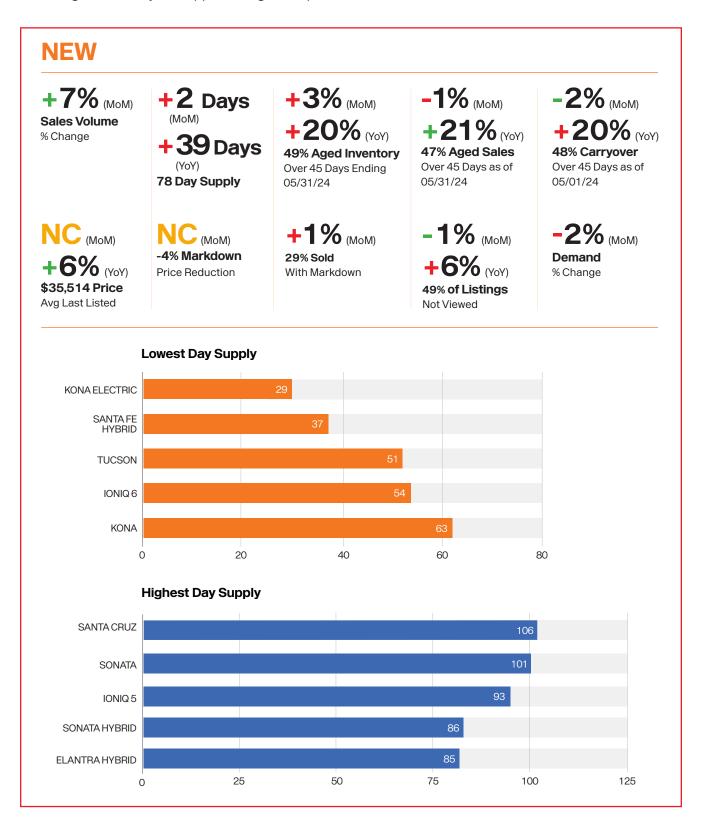


All metrics move in line with the market.





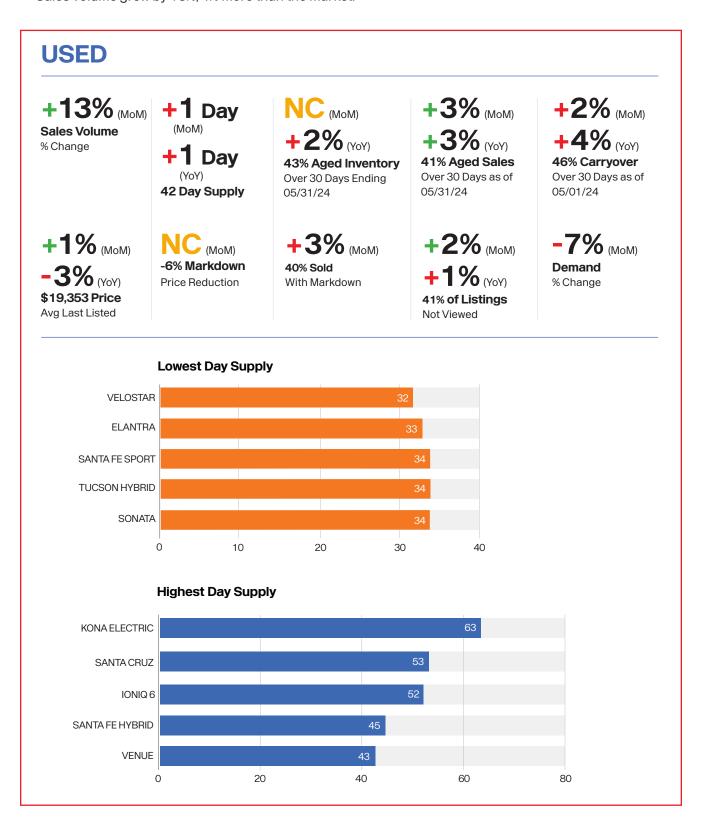
> Hyundai saw a modest 7% increase in sales volume in May, but faces challenges in clearing aged units, with aged inventory now approaching 50%, up 3% from March.





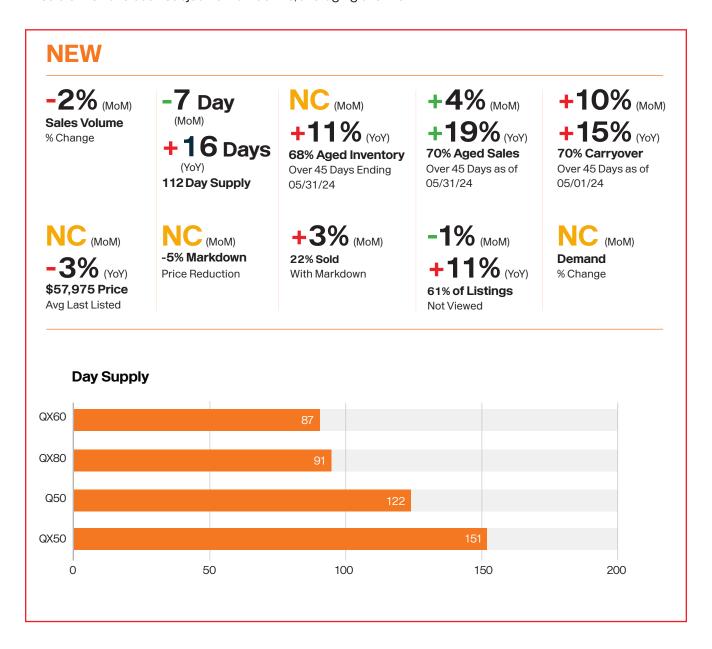


> Sales volume grew by 13%, 4% more than the market.



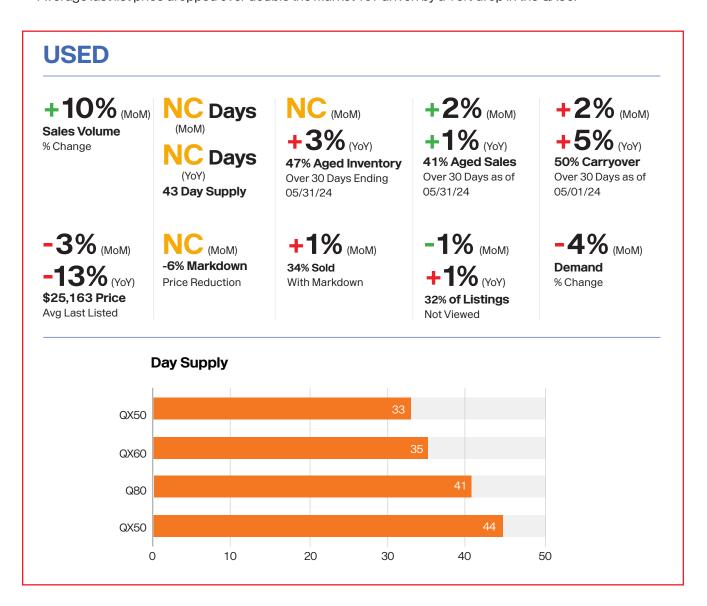


- Infiniti hasn't made any progress in reducing its aged inventory and only minor improvement to a high day supply month-over-month.
- The struggles persisted for the QX50, with 90% of its inventory aged over 45 days on the lot. Additionally, 35% of sold units have been subject to markdowns, averaging over 13%.



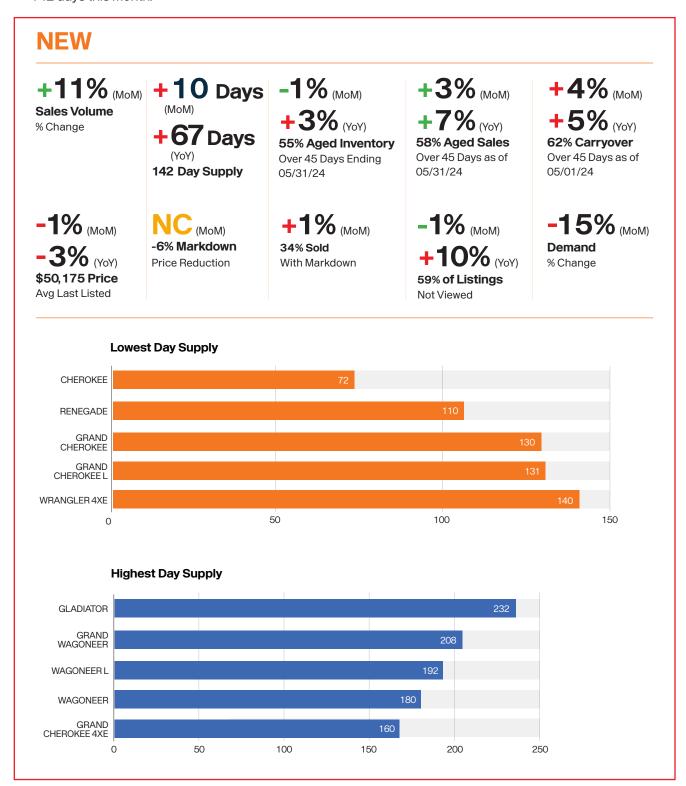


Average last list price dropped over double the market YoY driven by a 16% drop in the QX50.

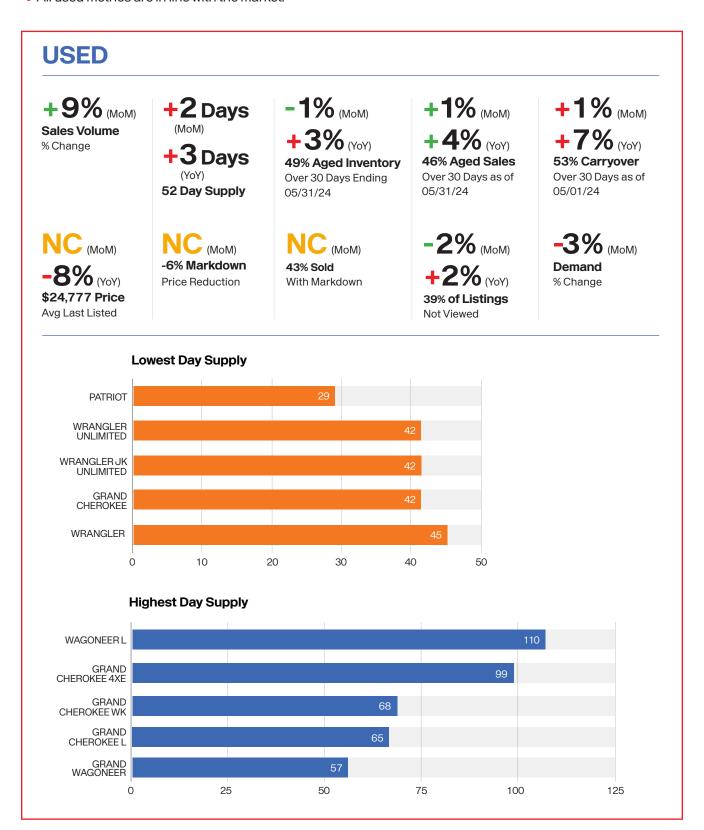




> Jeep saw sales volume rebound but the trend of increasing day supply continues to increase by 10 days to 142 days this month.



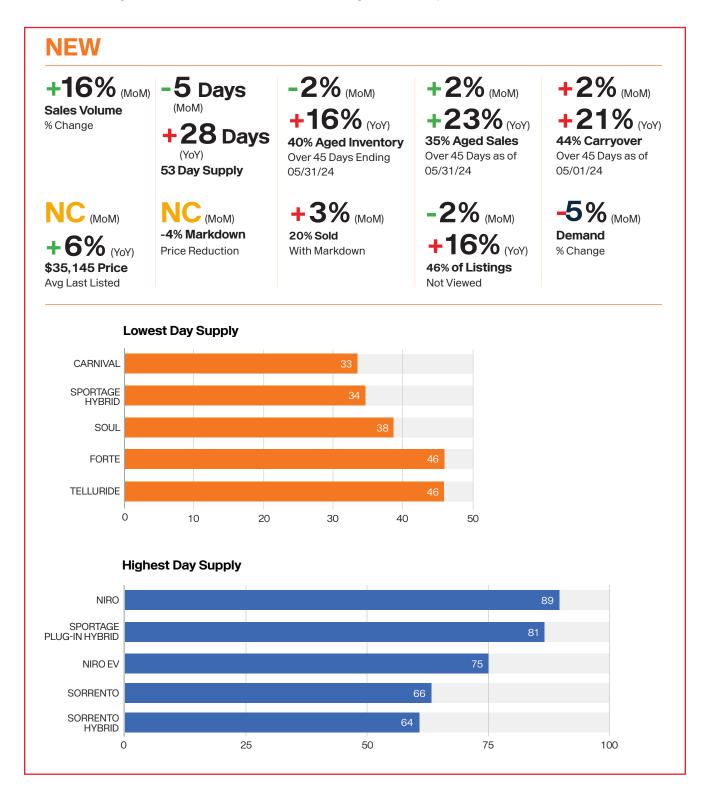




Lotlin_x

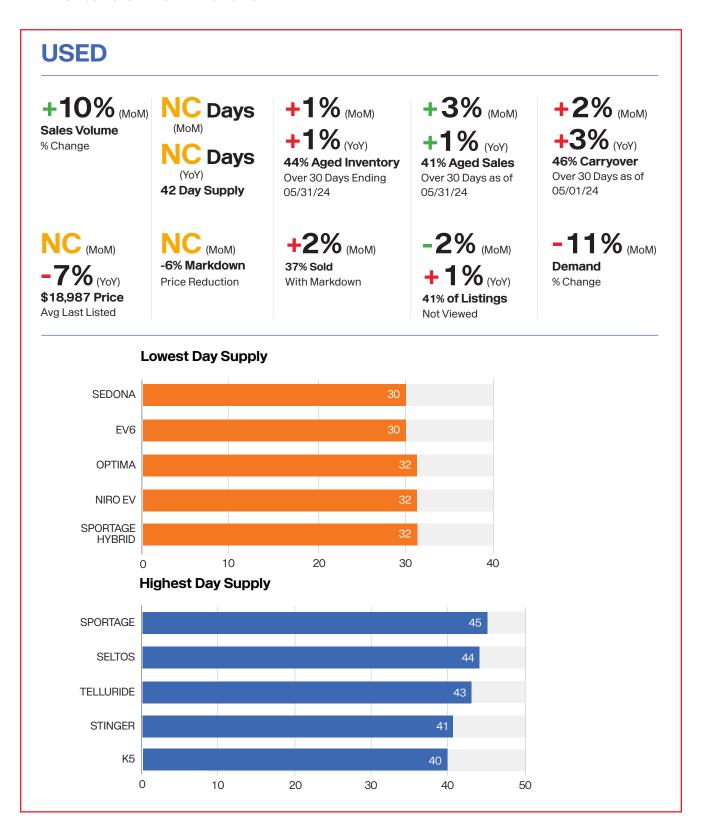


- > Kia was one of a few brands that was able to make a substantial improvement to both day supply and aged inventory.
- > Kia had the highest increase in sales of 16% after losing traction in April.





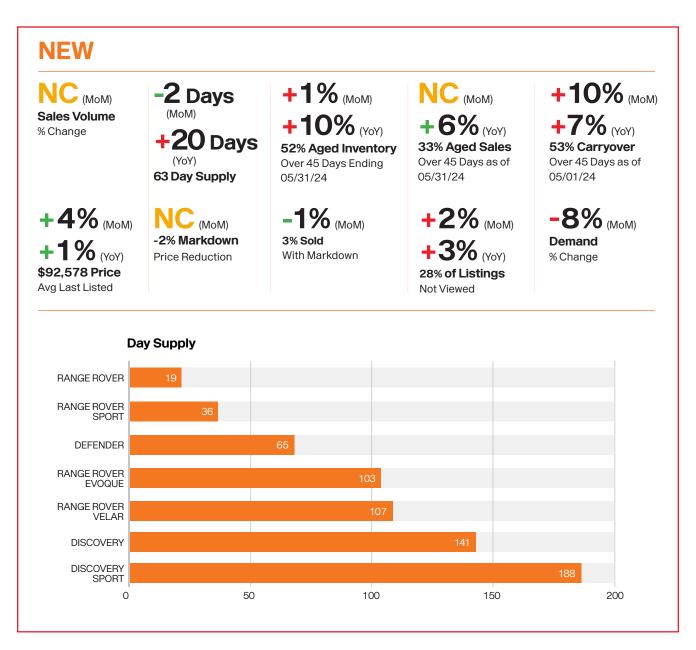
> All metrics move in line with the market.



Lotlin_x



> Sales for lower value models fell while the higher priced Range Rover and Range Rover Sport increased, causing a 4% increase in average sold list price.





USED

% Change

+10% (MoM) Sales Volume

+2 Days

+4 Days (YoY)

52 Day Supply

-3% (MoM)

\$40,650 Price Avg Last Listed

-6% Markdown Price Reduction

-2% (MoM)

-1% (YoY) 50% Aged Inventory

Over 30 Days Ending 05/31/24

44% Sold With Markdown +2% (MoM)

+4% (YoY)

49% Aged Sales Over 30 Days as of 05/31/24

+1% (MoM)

31% of Listings Not Viewed

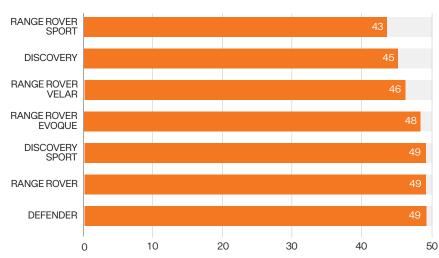
NC (MoM)

55% Carryover

Over 30 Days as of 05/01/24

Demand % Change

Day Supply







- Sales dropped while most of the market increased, but Lexus maintained solid control over aging inventory and day supply.
- The GX and TX gained some momentum in April but continued to run a very tight, sub-30 day supply.





USED

+7% (MoM)
Sales Volume
% Change

-5 Days
(YoY)
35 Day Supply

NC (MoM)
-6% (YoY)
\$33,861 Price
Avg Last Listed

NC Days

-1% (YoY)
40% Aged Inventory
Over 30 Days Ending
05/31/24

-2% (MoM)

-4% Markdown
Price Reduction

+ 1% (MoM)
35% Sold
With Markdown

+3% (MoM)

-1% (YoY) **37% Aged Sales** Over 30 Days as of 05/31/24

-1% ((MoM)

+2% (YoY)
29% of Listings
Not Viewed

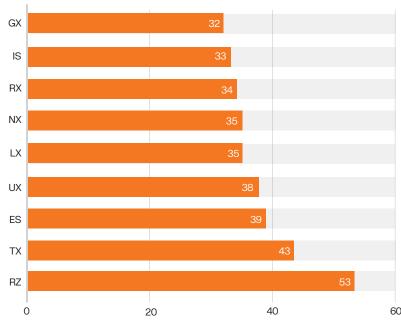
NC_(MoM)

+5% (YoY) 45% Carryover Over 30 Days as of 05/01/24

-3% (MoM) **Demand**

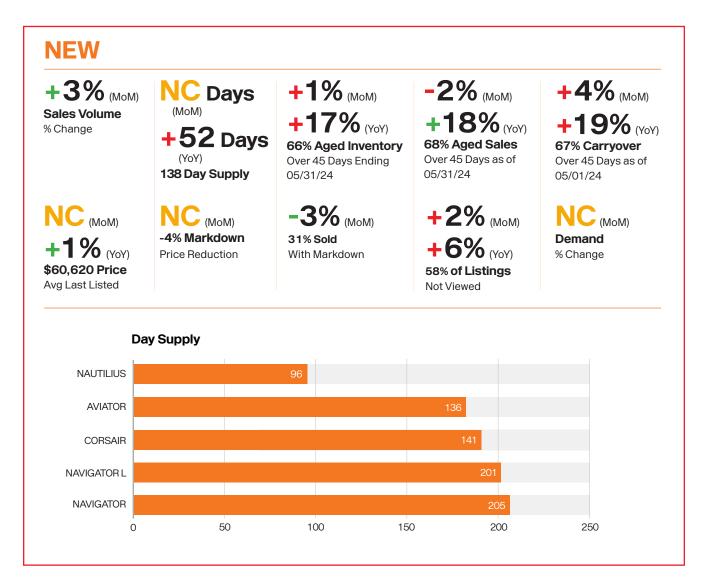
% Change

Day Supply





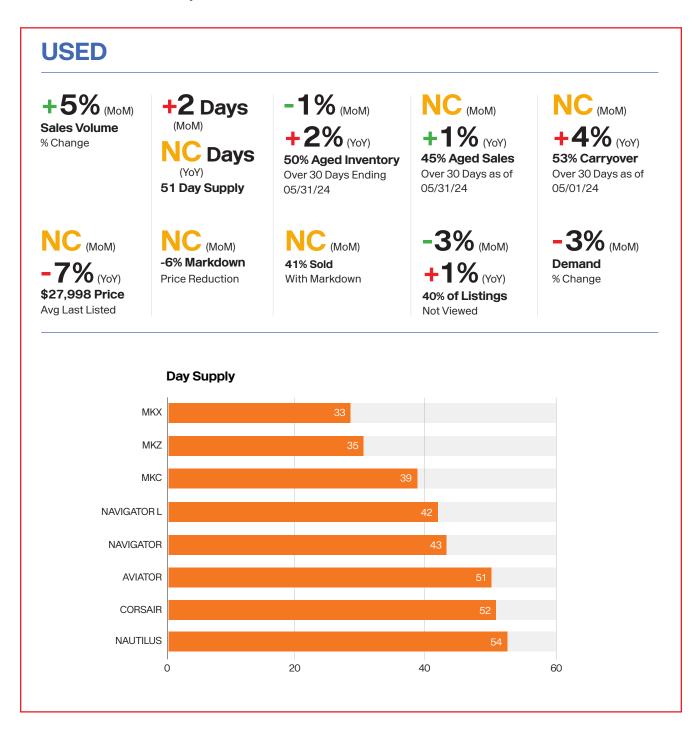
- > Aging continues to be a problem as now 66% of inventory is over 45 days on lot compared to the market's 48%.
- The Aviator aged inventory climbed by nearly 20% to an astonishing 87%, but a day supply drop of 23 days was a step in the right direction.





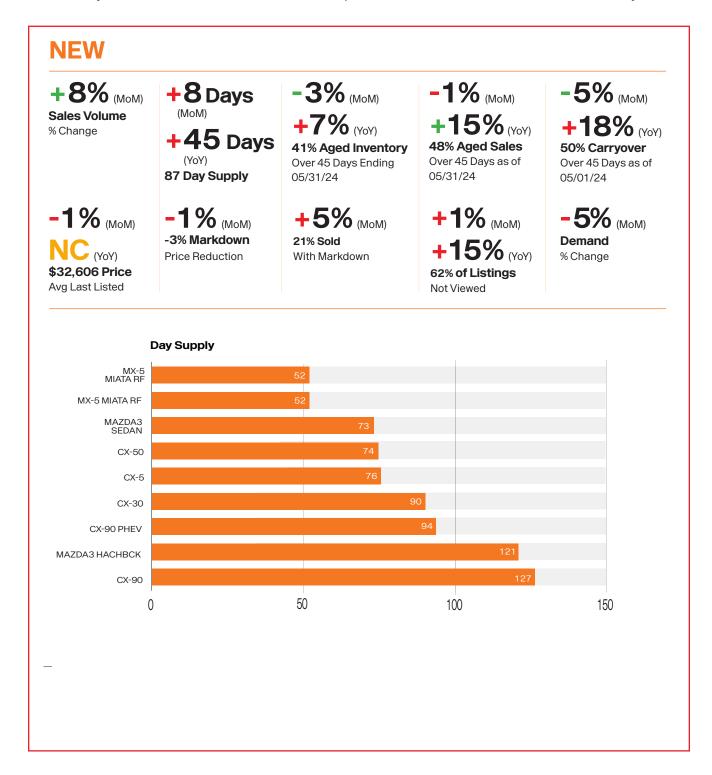


> Sales volume increased by 4% less than the market.



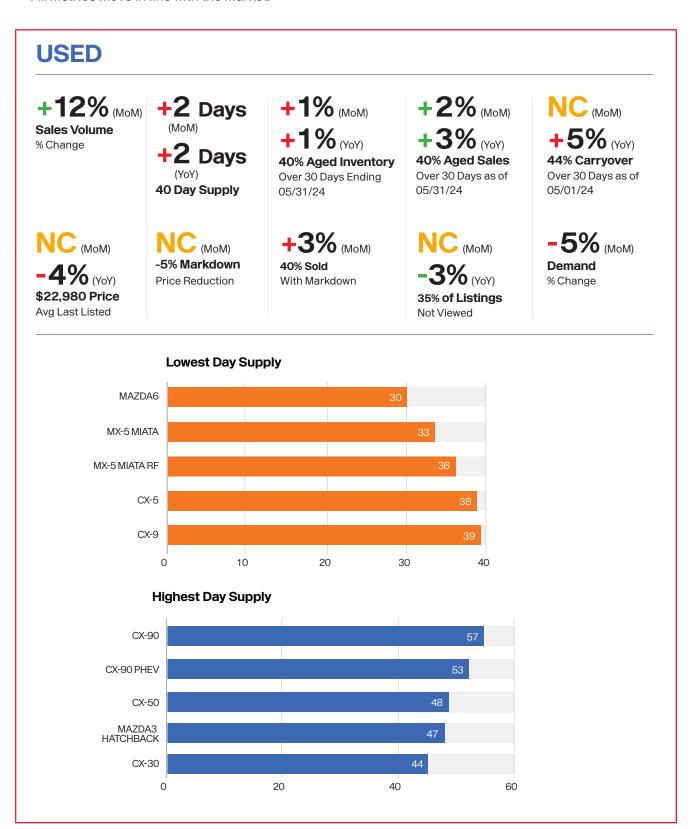


- Mazda made improvements to aged inventory and carryover to beat the market in both metrics.
- The newly released CX-70 and CX-70 PHEV made up a combined 6% of Mazda's new vehicle inventory.



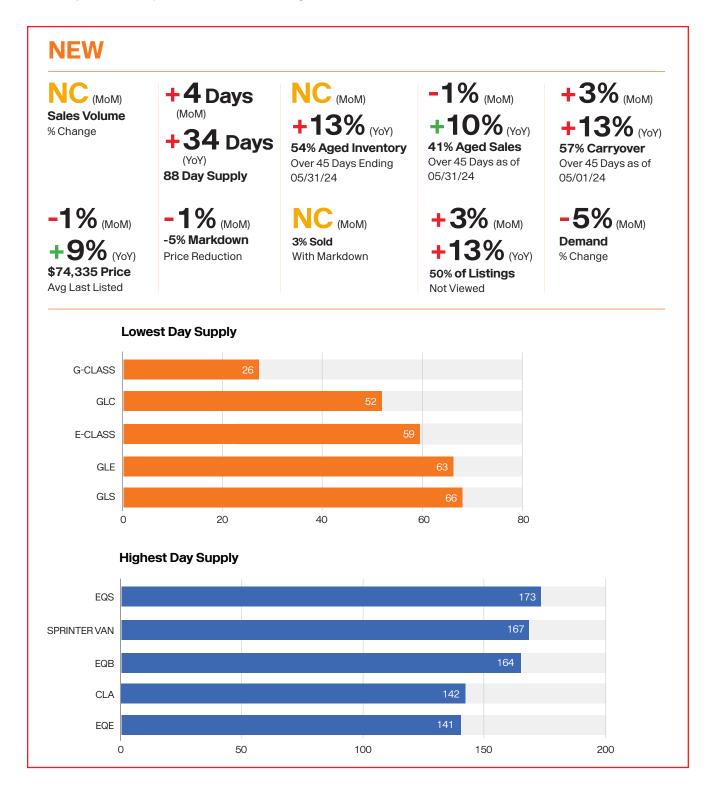




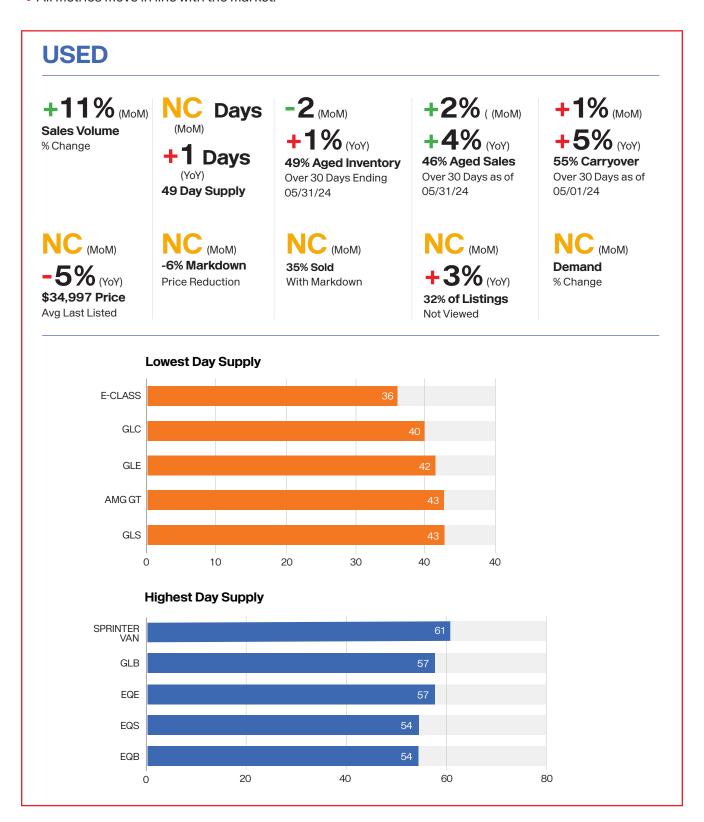




-) Mercedes made no progress in reducing their above-market-average aged inventory.
- The GLC stands out as the one high performing model as less than 30% of currently listed inventory is over 45 days on lot compared to the brand average of 54%.

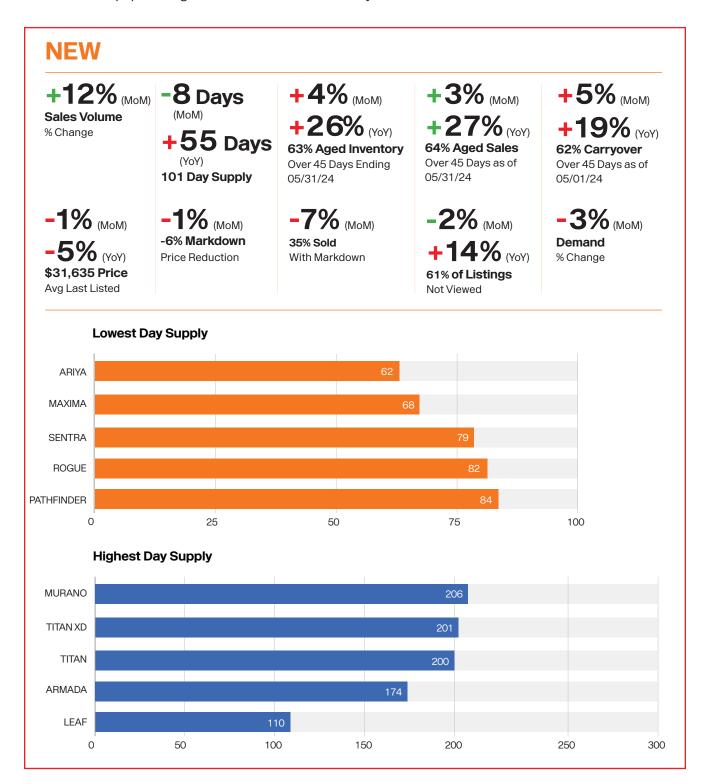






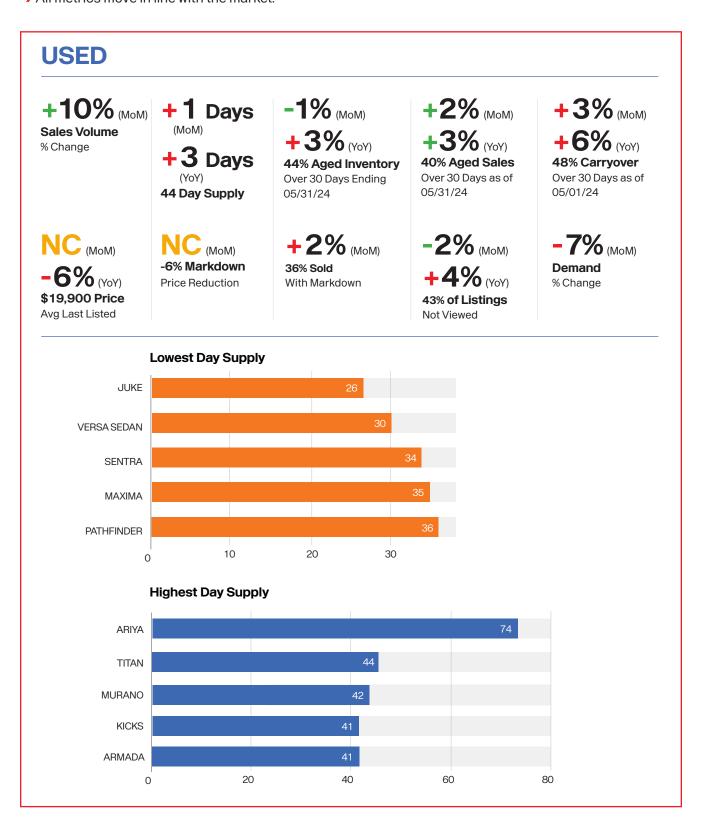


- Nissan had the highest increase in units sold with a markdown of almost 10% coupled with an additional 2% markdown magnitude.
- > Sales for the popular Rogue fell below 25% of Nissan May sales as more affordable models increased.



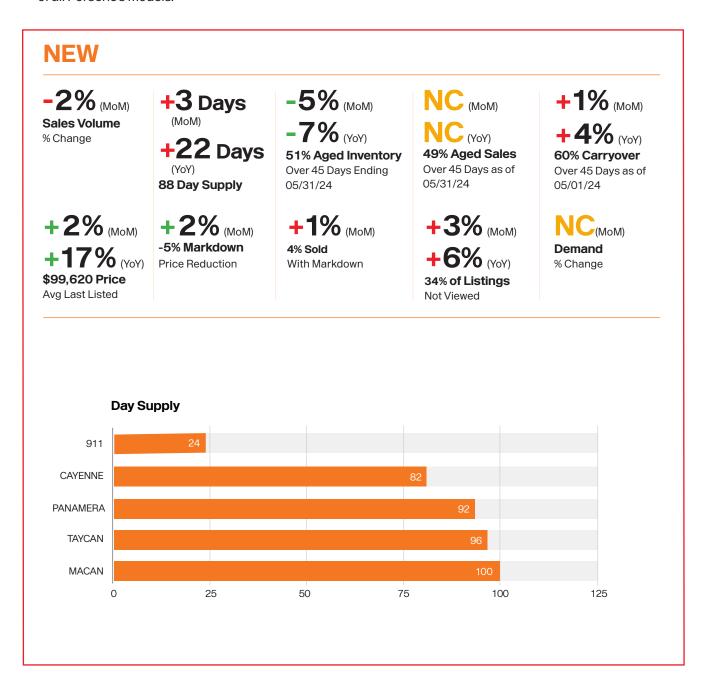






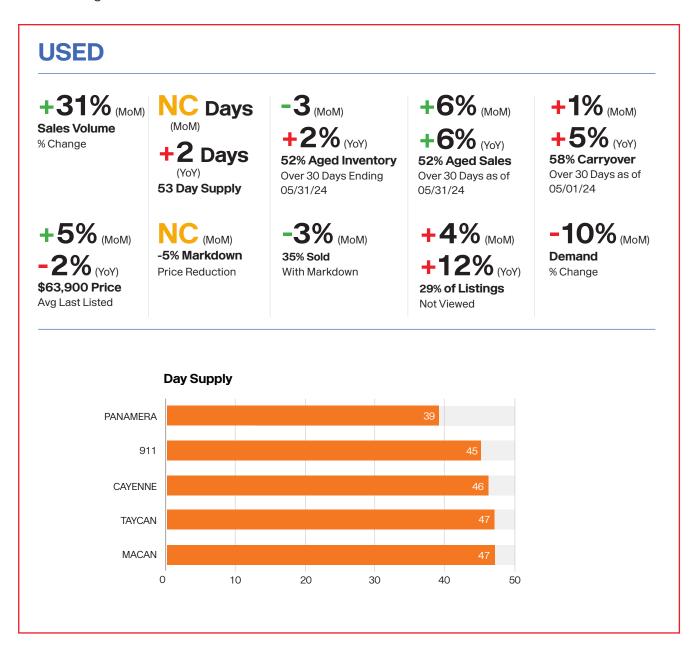


> Sales for the popular Macan fell by 11% MoM sending day supply soaring to over 100 days, now the highest out of all Porsche's models.



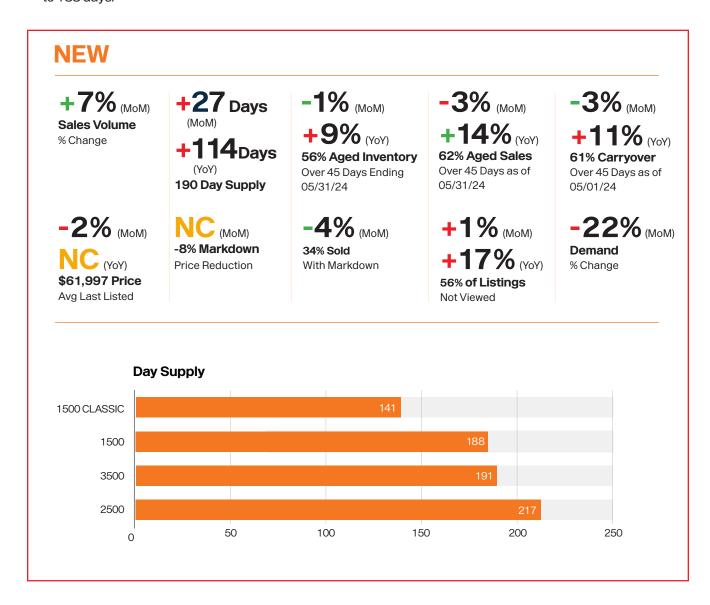


> Used sales volume skyrocketed across all models as new volume fell. Even with high sales, Porsche inventory is the most aged in the market.





- Ram continued to have the highest day supply in the market of 190 days with the next closest competitor trailing by almost 50 days.
- Ram saw improvement in their 1500 aging metrics as aged inventory fell to a year low of 48% with less than 30% of listings taking a markdown. This positive shift may be short lived as day supply jumped by 24 days MoM to 188 days.



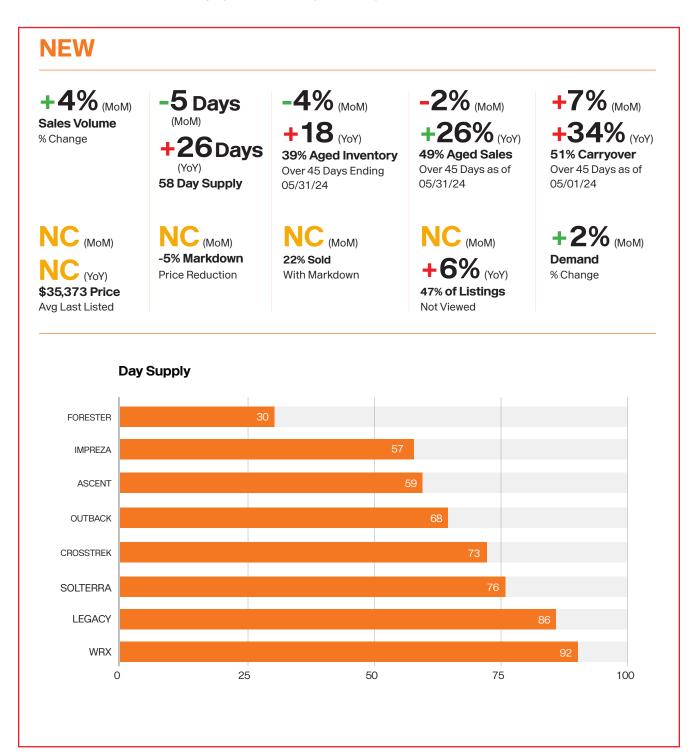


The 3500 dropped day supply by 6 days to 51, moving more in line with the market.

USED +2% (MoM) -3_(MoM) +1% (MoM) +1% (MoM) +1 Day Sales Volume +4% (YoY) +2%_(YoY) +9% (YoY) % Change -2 Days 45% Aged Sales 54% Carryover 49% Aged Inventory Over 30 Days as of Over 30 Days as of Over 30 Days Ending 05/31/24 05/01/24 46 Day Supply 05/31/24 -1% (MoM) **-2%** (MoM) NC (MoM) NC (MoM) -5% Markdown 40% Sold Demand -11% (YoY) NC (YoY) Price Reduction With Markdown % Change \$34,096 Price 36% of Listings Avg Last Listed Not Viewed **Day Supply** 2500 1500 1500 CLASSIC 3500 20 40 60



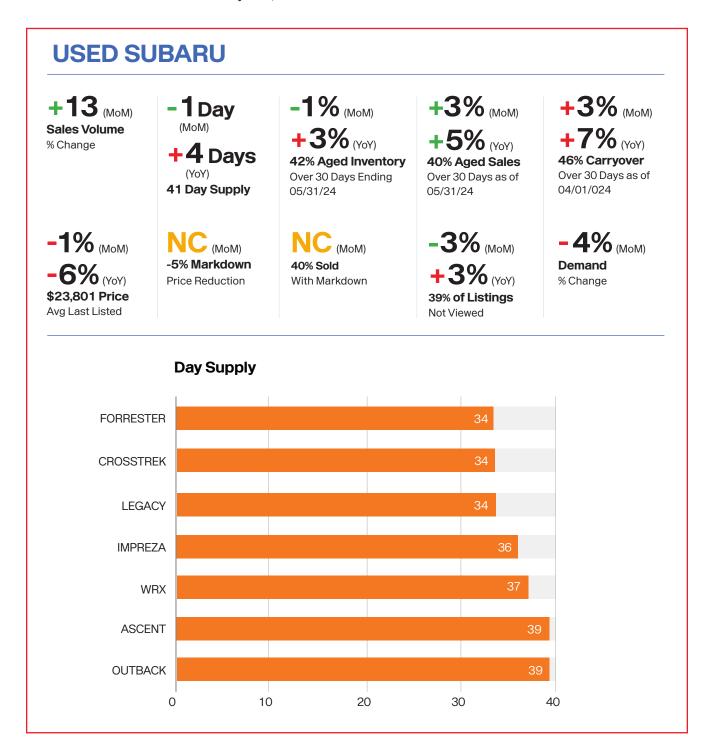
- > Subaru improved its already well managed aged inventory by 4% to 39%, the fourth best in the market.
- > Sales for the Forester dropped below 30% of Subaru sales with tight inventory levels, while the Outback increased sales volume in May by over 20% compared to April.





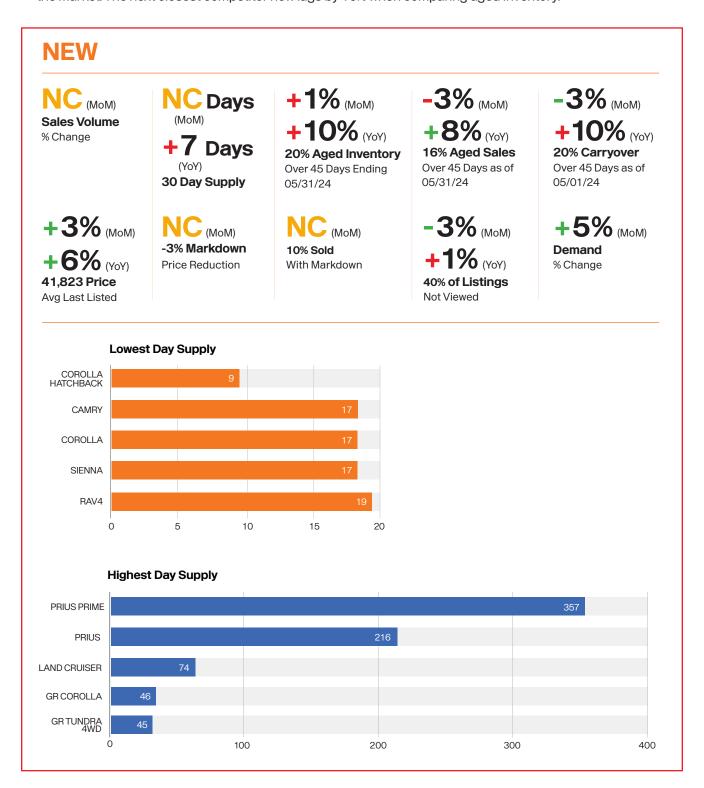


> Subaru increased sales volume by 13%, 4% more than the market.





Toyota differentiated itself even further in inventory management as it continued to pull away from the rest of the market. The next closest competitor now lags by 10% when comparing aged inventory.





USED -1% (MoM) +2% (MoM) +2% (MoM) +9% (MoM) NC Days (MoM) Sales Volume +4% (YoY) +2% (YoY) NC (YoY) % Change **-2** Days 36% Aged Sales 41% Carryover 37% Aged Inventory Over 30 Days as of Over 30 Davs as of Over 30 Days Ending 36 Day Supply 05/01/24 05/31/24 05/31/24 NC (MoM) -2% (MoM) -4% Markdown 36% Sold **Demand** +2%_(YoY) Price Reduction With Markdown % Change \$26,070 Price 33% of Listings Avg Last Listed Not Viewed **Lowest Day Supply PRIUS** SIENNA TACOMA CAMRY COROLLA 10 20 30 **Highest Day Supply** GR COROLLA **GR86** BZ4X TACOMA 4WD **COROLLA CROSS** 20 40 60



- > Volkswagen saw sales fall by 7% while much of the market held steady or increased.
- The brand experienced one of the biggest increases of day supply of 11 days.
- > Sales of the Tiguan fell as the slightly more affordable Taos surged.



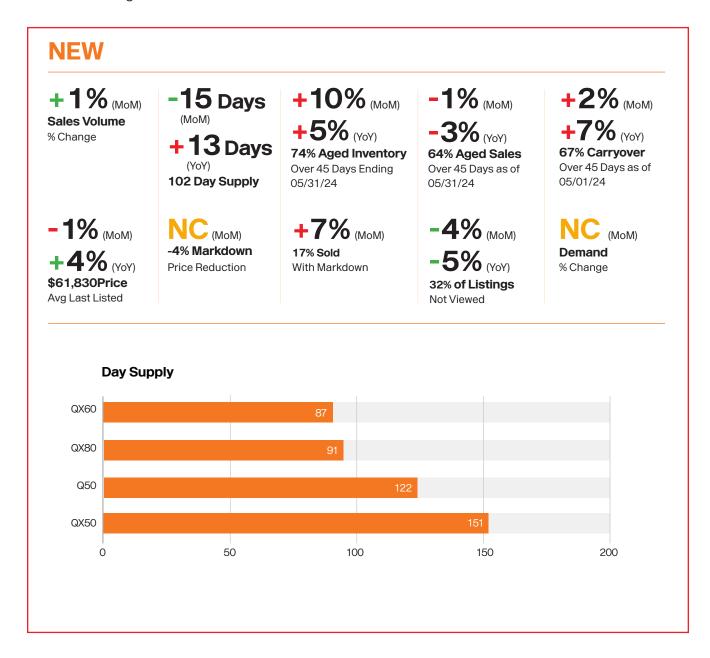




USED -3% (MoM) +3% (MoM) +1% (MoM) +13% (MoM) NC Days (MoM) Sales Volume +6% (YoY) NC (YoY) +4% (YoY) % Change NC Days 43% Aged Sales 48% Carryover **42% Aged Inventory** Over 30 Days as of Over 30 Days as of Over 30 Days Ending 05/01/24 41 Day Supply 05/31/24 05/31/24 -1% (MoM) +3% (MoM) NC (MoM) -5% Markdown 40% Sold +1% (YoY) **Demand** Price Reduction With Markdown % Change \$20,998 Price 38% of Listings Avg Last Listed Not Viewed **Lowest Day Supply** ID.4 PASSAT **GOLF GTI JETTA** ATLAS 0 10 20 30 40 **Highest Day Supply** TAOS JETTA GLI ARTEON ATLAS CROSS SPORT **TIGUAN** 0 10 20 30 40 50

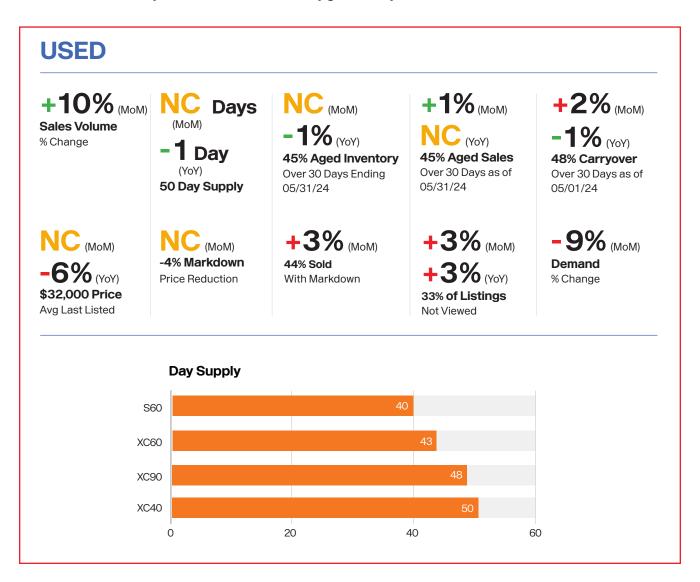


- > Aged inventory increased to a year high of 75% but tightened up day supply thanks to a reduction of fresh inventory.
- Volvo had a significant increase of 11% to 19% of listings with a markdown but retained the same markdown magnitude.





Volvo was one of only 2 brands that saw inventory grow in May.





GLOSSARY

Carryover

Units with days on lot over 30 for used and 45 for new at the beginning of the period

Day Supply

Period ending inventory divided by the avg daily retail sales rate over the period (ending inventory/total sales/number of days in period)

Demand

Index based on sold units versus live listings at the time of sale for the segment

Last Listed Price

The last price a unit was seen listed with before it sold

Markdown Price Reduction

The percent difference between the first listed price and last listed price before being sold

NC

No change was observed between prior and current period for the metric

Percent Aged Inventory

Percent of ending inventory units that had days on lot over 30 for used and 45 for new

Percent Aged Sales

Percent of sales over the period that had days on lot over 30 for used and 45 for new

Percent Of Listings Not Viewed

The average daily percent of inventory without a single VDP

Percent Sold With Markdown

Percent of units sold in the period that had a last listed price less than first listed price

Sales Volume Change

Total previous period sold unit count compared to current period sales



