

Dealer Sentiment Index THIRD QUARTER 2023

A Unique Market Drives Optimism

Background

- ✓ Data for the Cox Automotive Dealer Sentiment Index (CADSI) is gathered via a quarterly online survey of franchised and independent auto dealers.
- ✓ Dealer responses are weighted by dealership type and volume of sales to closely reflect the national dealer population. Data is used to calculate an index wherein a number over 50 indicates more dealers view conditions as strong or positive rather than weak or negative.
- ✓ The Q3 2023 CADSI is based on 983 U.S. auto dealer respondents, comprising 554 franchised dealers and 429 independents. The survey was conducted from July 24 to Aug. 8, 2023.
- ✓ The next quarterly report will be released in December 2023. The CADSI was first published in Q2 2017.



Key Takeaways: Q3 2023

Overall dealer sentiment in the U.S. held mostly steady in Q3 2023 compared to Q2, as high interest rates and a slow economy weigh heavily on the U.S. auto market, according to the Cox Automotive Dealer Sentiment Index (CADSI). The Q3 current market index was 45, still below the threshold of 50, indicating that more dealers see the current auto market as weak than see the market as strong.

After hitting an all-time high in Q2 2021 of 67, the current market index has been sliding downward. The Q3 report is the 5th consecutive guarter with dealer sentiment below the 50 threshold. Importantly, franchised dealers are far more positive about the current market than independent dealers, with a current market index score of 57, up one point from last guarter. For independent dealers, the current market index fell one point to 41.

The 3-month market outlook index declined in Q3, falling from 47 to 45, indicating more dealers feel the market will be weak, not strong, in the months ahead. As with the current market index, franchised dealers were more optimistic

about the outlook than independent dealers. The market outlook index in Q3 for franchised dealers increased 1 point, moving from 57 to 58; the outlook index for independent dealers declined from 44 to 41.

"The latest index indicates that persistently high interest rates and lingering concerns about the economy and market conditions are dampening overall dealer sentiment," said Cox Automotive Chief Economist Jonathan Smoke, "Franchised dealer optimism is on the rise, whereas independents are less hopeful due to affordability issues that more acutely affect the used-vehicle market and their businesses."

While a majority of dealers believe the market will be weak in the coming months, few factors in the latest survey changed significantly from Q2, indicating the U.S. auto market is relatively balanced and consistent from last quarter. The traffic index declined only slightly from last quarter and the profits index fell one point, from 41 to 40. The overall index hit an all-time high two years ago, at 60 in Q3 2021, and has been sliding ever since. The current profits index, at

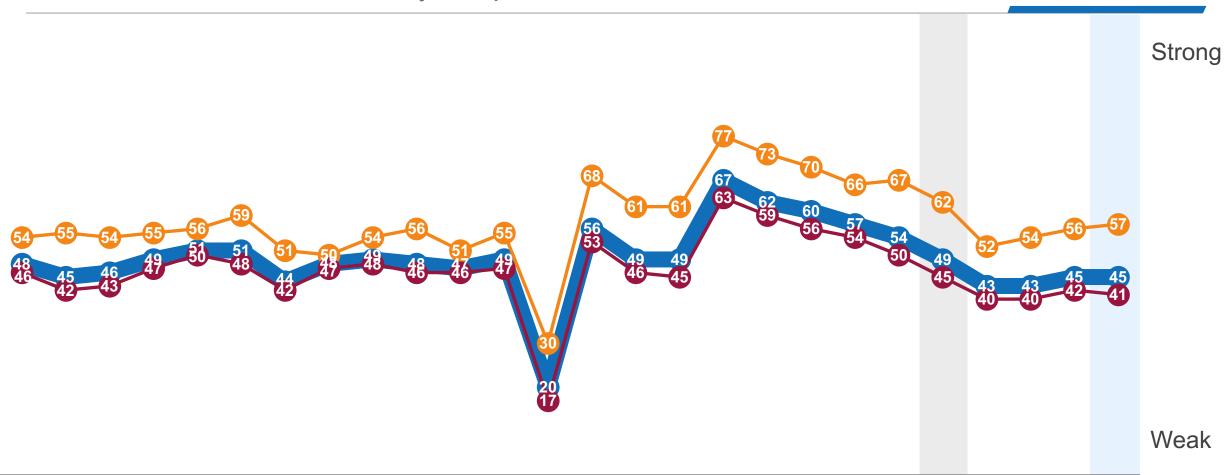
40, is now at a post-pandemic low point. For franchised dealers, profits are still well above pre-pandemic norms at 58. However, the profits index for independents at 35 is near the lowest score ever, and well below long-term averages.

The new-vehicle sales environment index score indicates more dealers see the sales environment as good. Conversely, the usedvehicle sales environment is viewed as poor by most dealers. Compared to Q3 2022, electric vehicle sales are seen as worse for all dealers, though the change is not statistically significant.

Interest rates (61%), the economy (54%) and market conditions (41%) are the top factors holding back business, according to the Q3 CADSI. Limited Inventory (37%) has fallen to the fourth spot. In Q3, Credit Availability for Consumers (33%) increased significantly versus last year as a factor holding back business. Thirty-three percent of dealers indicated Credit Availability is a challenge in the Q3 survey, up from 30% in Q2 and only 18% in Q3 2022.

Q1: How would you describe the current market for vehicles in the areas where you operate?

Dealer Sentiment Index THIRD QUARTER 2023

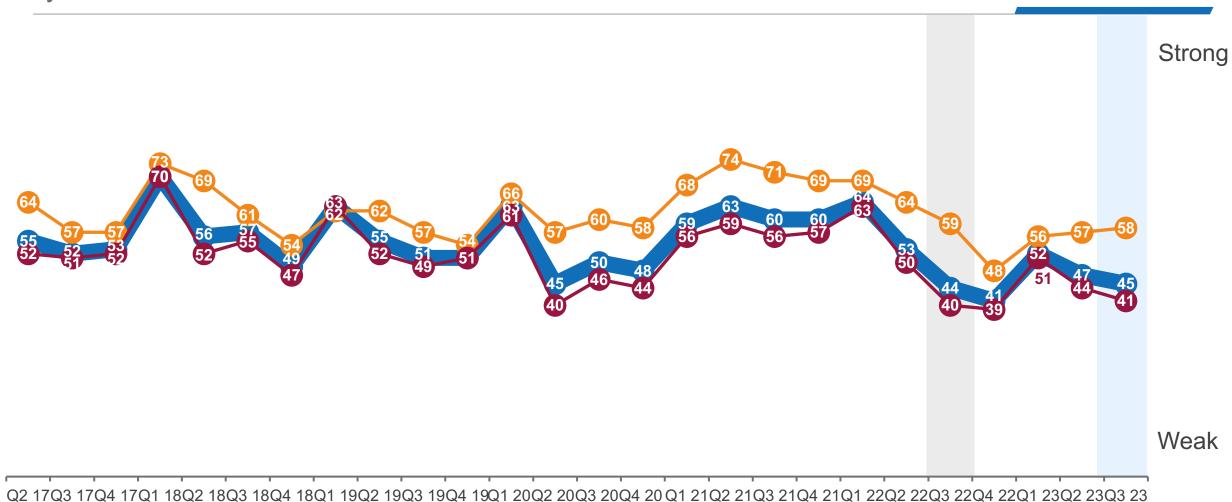


Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q2: What do you expect the market for vehicles in your area to look like 3 months from now?

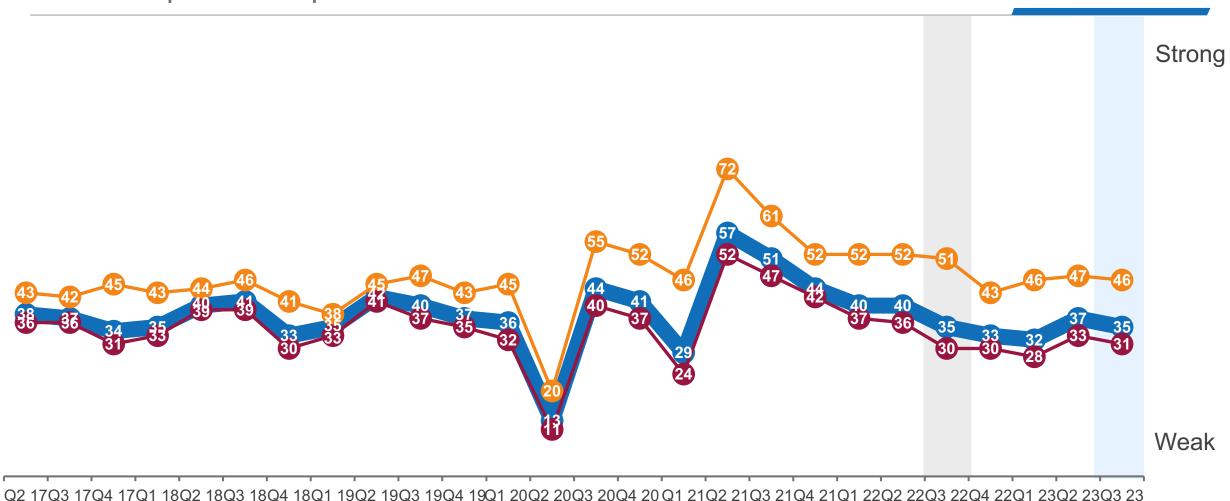
Dealer Sentiment Index THIRD QUARTER 2023



Overall → Franchised → Independent

Q3: How do you rate the customer traffic to your dealership over the past 3 months?

Dealer Sentiment Index THIRD QUARTER 2023



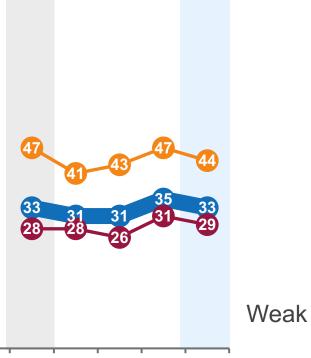
Note: Scale 1 - 100

Overall → Franchised → Independent

Q3A: How do you rate the **in-person** customer traffic to your dealership over the past 3 months?

Dealer Sentiment Index THIRD QUARTER 2023

Note: New question introduced Q3 2022



Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

--- Franchised --- Independent

Note: Scale 1 - 100

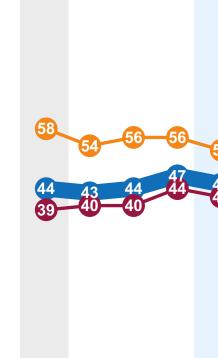
Strong

Q3B: How do you rate the digital/online customer traffic to your dealership over the past 3 months?

Dealer Sentiment Index

THIRD QUARTER 2023

Note: New question introduced Q3 2022



Weak

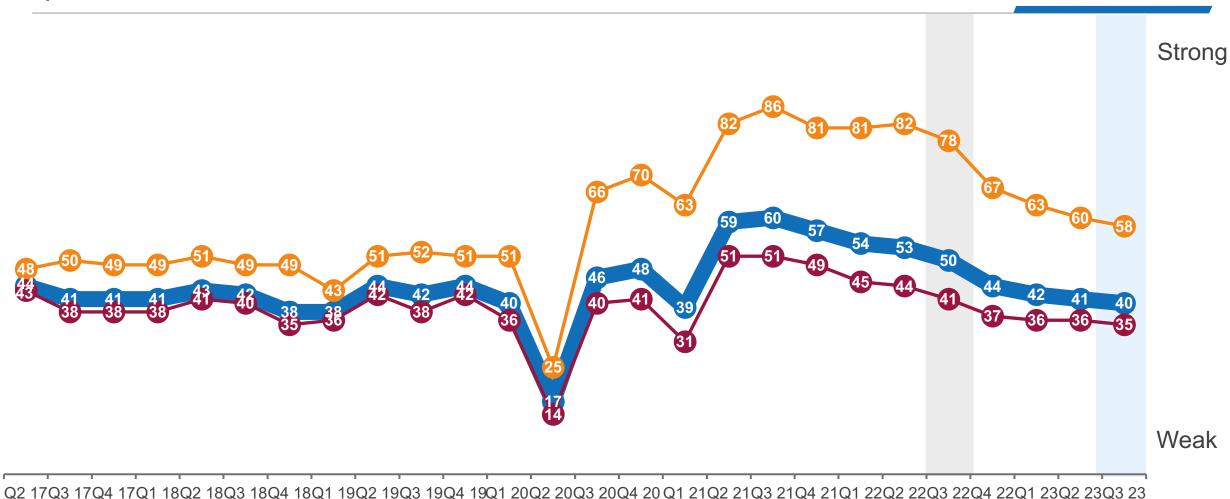
Strong

Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

Overall → Franchised → Independent

Q4: How would you describe your profits over the past 3 months?

Dealer Sentiment Index THIRD QUARTER 2023

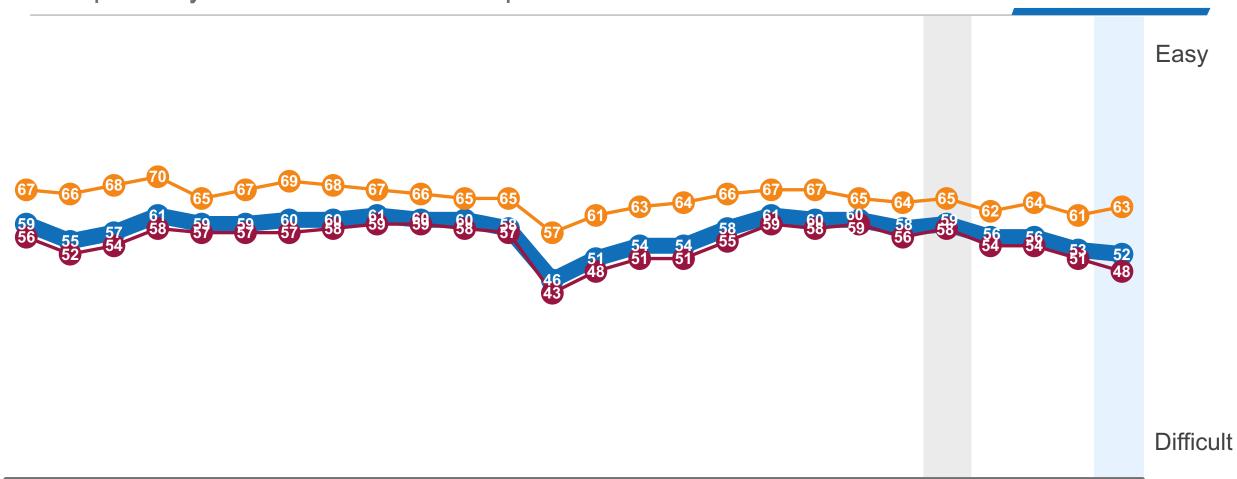


Note: Scale 1 - 100

Overall → Franchised → Independent

Q5: How would you describe your ability to get credit to operate your business over the past 3 months?

Dealer Sentiment Index THIRD QUARTER 2023

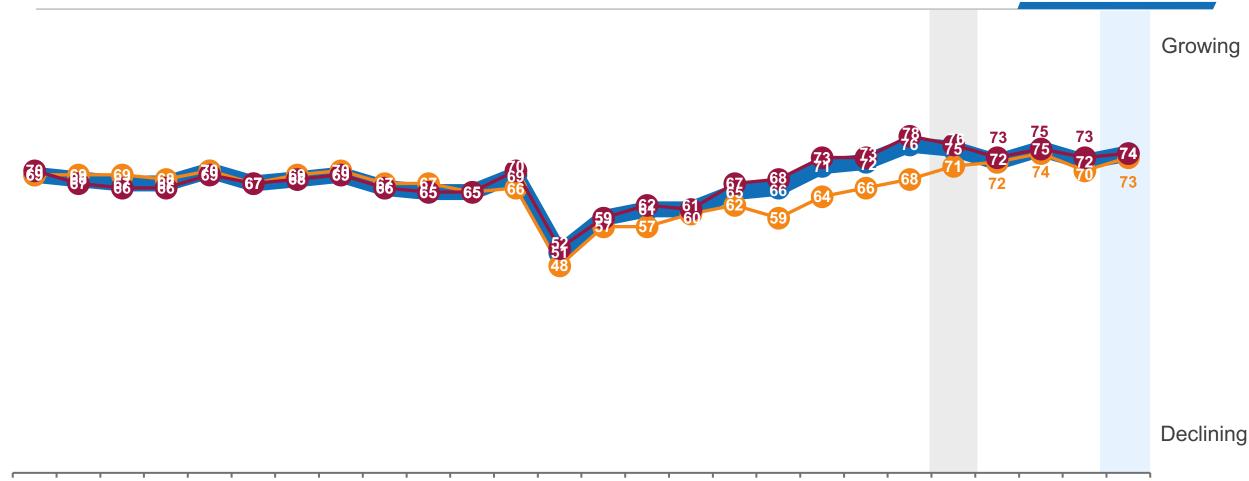


Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q6: How would you describe the cost of running your dealership over the past 3 months?

Dealer Sentiment Index THIRD QUARTER 2023

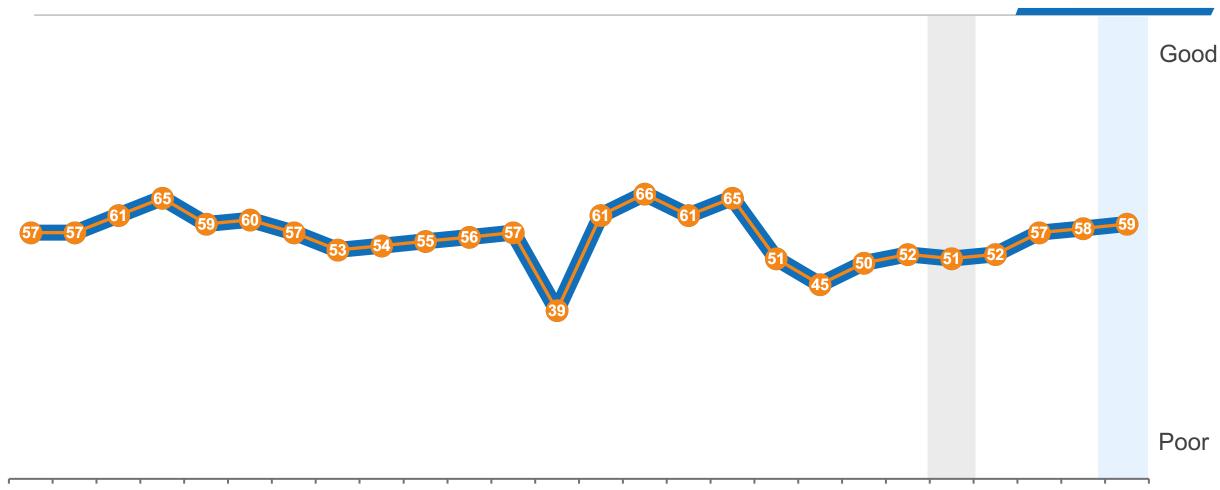


Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q7: How would you describe the current new-vehicle sales environment?

Dealer Sentiment Index THIRD QUARTER 2023

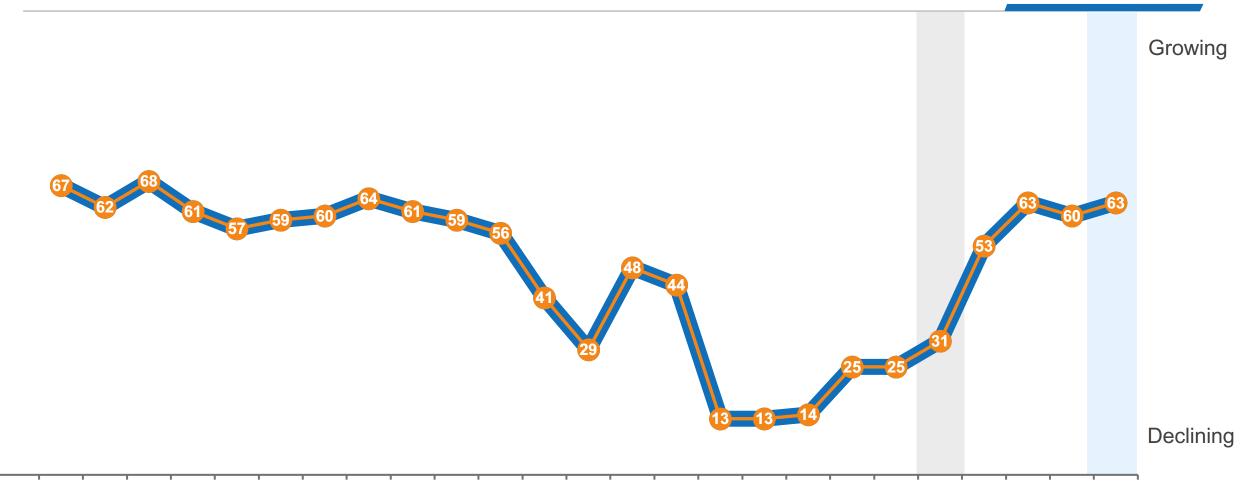


Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q8: How would you describe the current new-vehicle inventory levels?

Dealer Sentiment Index THIRD QUARTER 2023

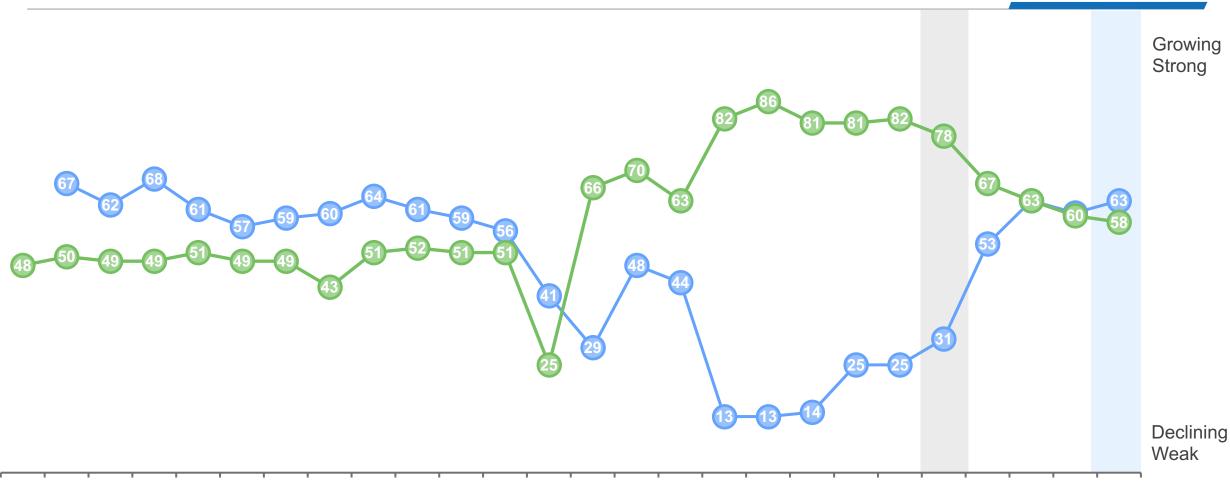


Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



THIRD QUARTER 2023

Inventory/Profits
Q4: How would you describe your profits over the past 3 months?
Q8: How would you describe the current new-vehicle inventory levels?



Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

New Vehicle Inventory

Franchised Profits

Q9: How would you describe the current new-vehicle inventory mix?

Dealer Sentiment Index THIRD QUARTER 2023

Good Note: New question introduced Q2 2019 Poor

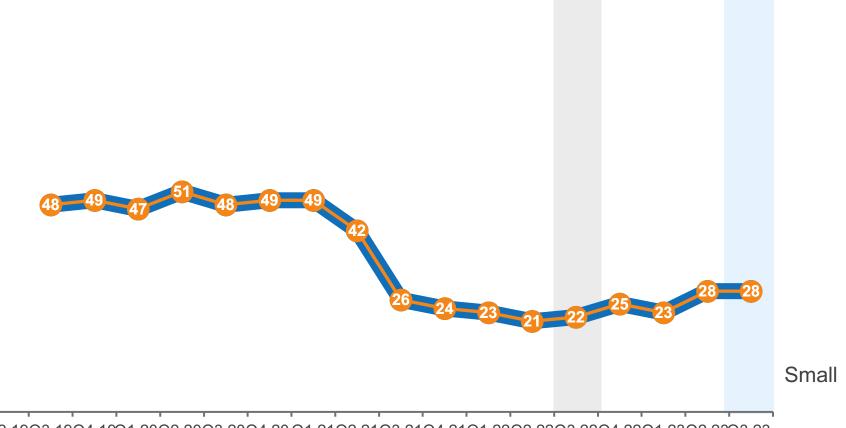
Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q10: How would you describe the current level of OEM new-vehicle incentives?

Dealer Sentiment Index THIRD QUARTER 2023

Note: New question introduced Q3 2019



Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

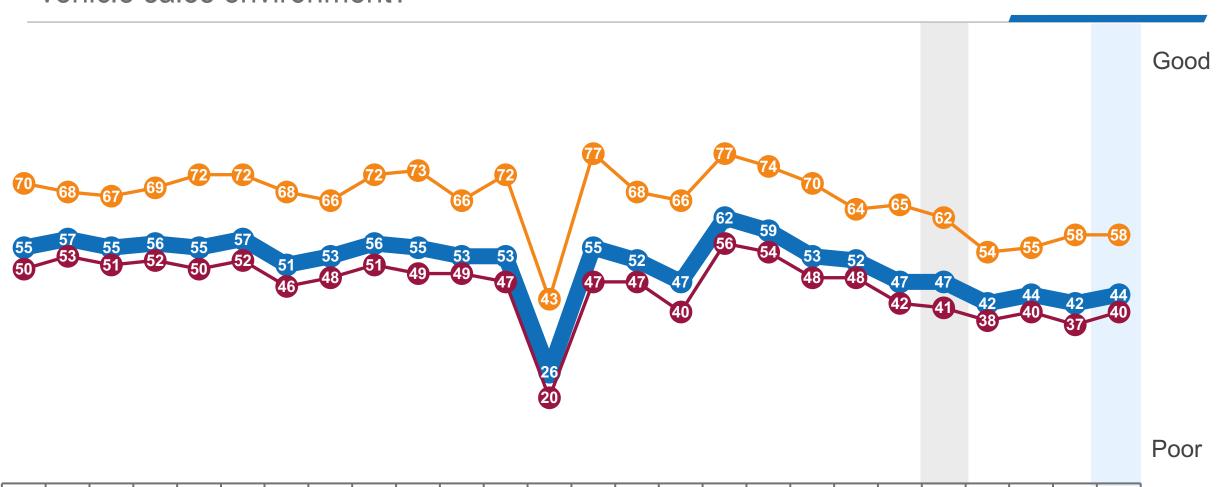


Note: Scale 1 - 100

Large

Q11: How would you describe the current used-vehicle sales environment?

Dealer Sentiment Index THIRD QUARTER 2023

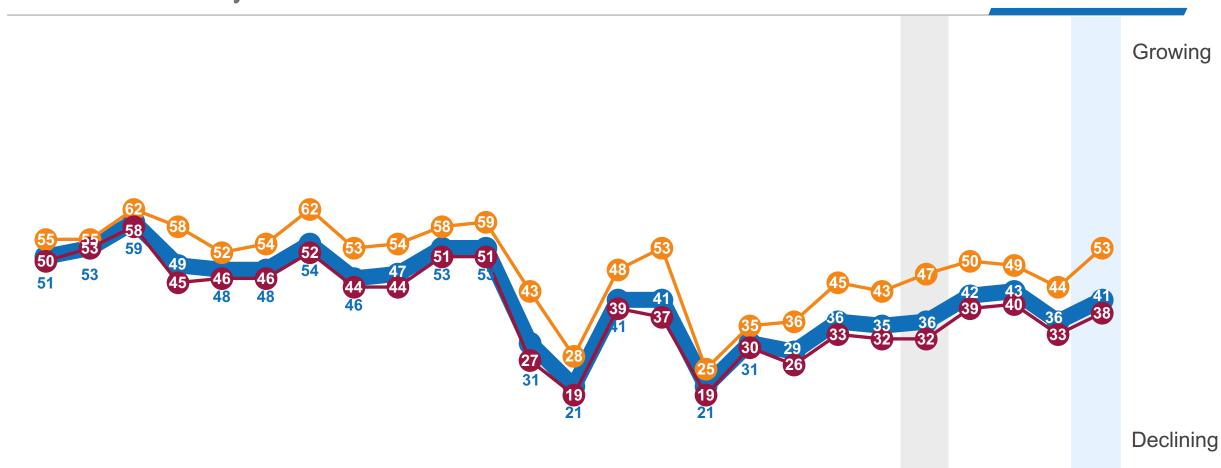


Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q12: How would you describe the current usedvehicle inventory levels?

Dealer Sentiment Index THIRD QUARTER 2023



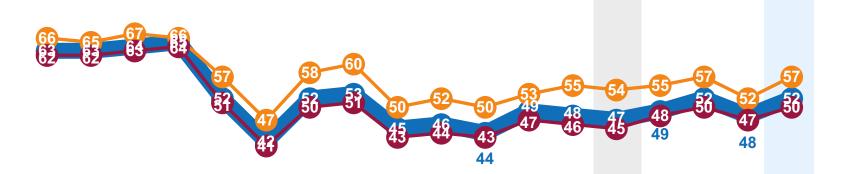
Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q13: How would you describe the current usedvehicle inventory mix?

Dealer Sentiment Index THIRD QUARTER 2023

Note: New question introduced Q2 2019



Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Note: Scale 1 - 100

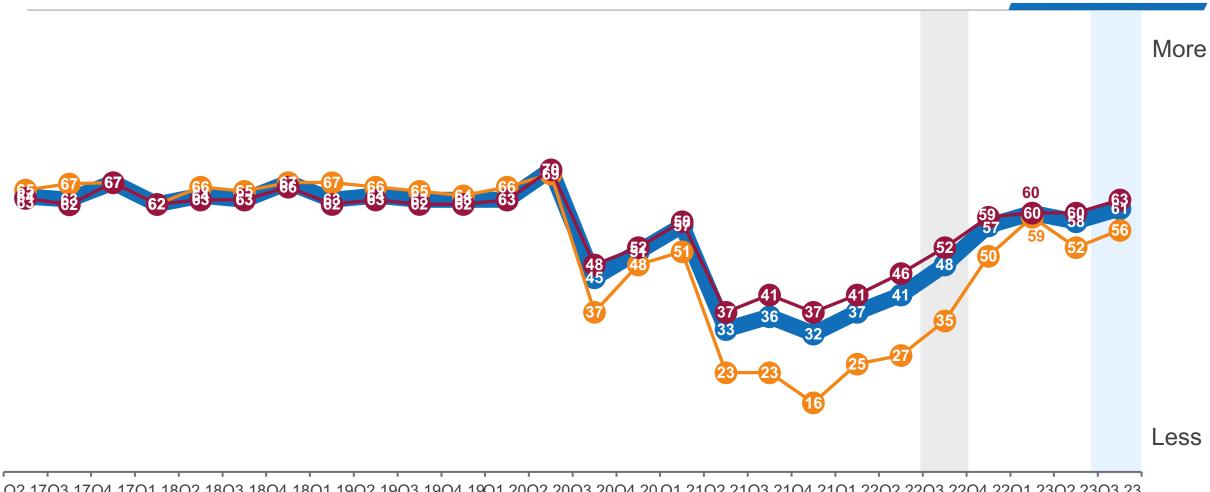


Poor

Good

Q14: How much pressure do you feel to lower your prices?

Dealer Sentiment Index THIRD QUARTER 2023

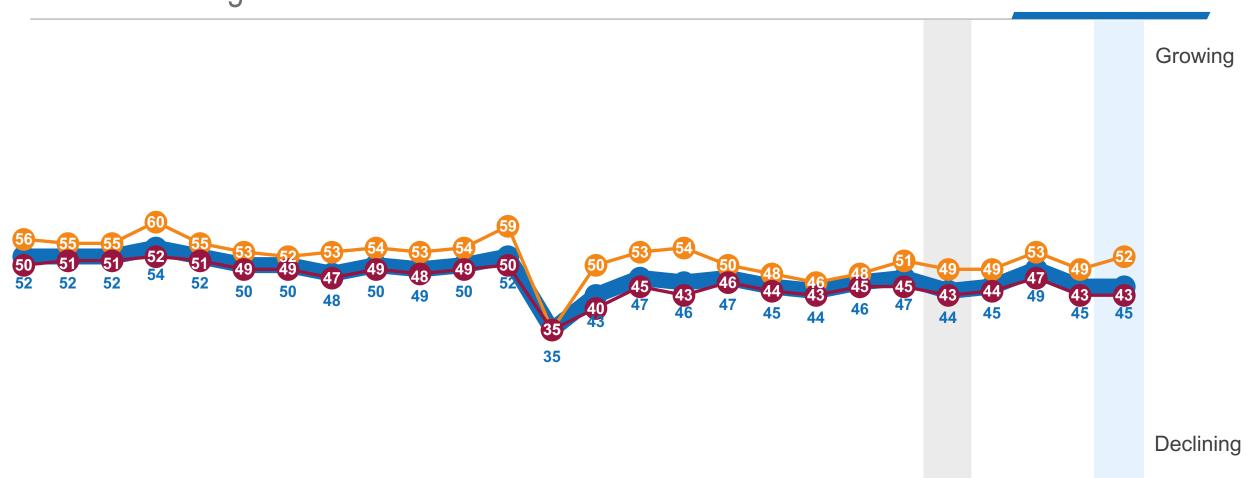


Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q15: How would you describe your dealership's current staffing levels?

Dealer Sentiment Index THIRD QUARTER 2023



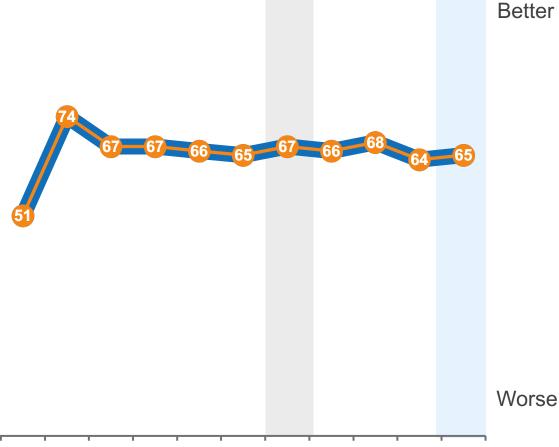
Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q16: How would you describe the current level of business in your fixed operation?

Dealer Sentiment Index THIRD QUARTER 2023

Note: New question introduced Q1 2021



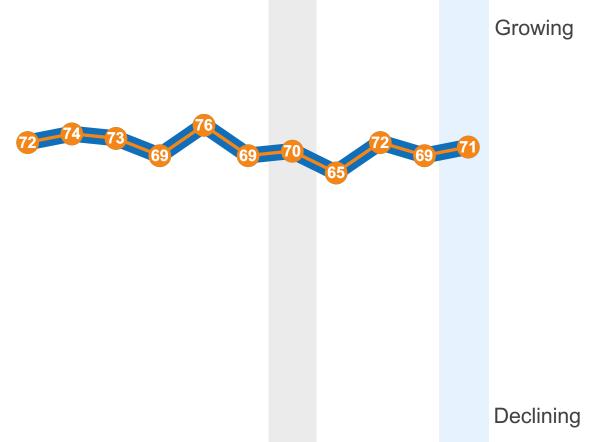
Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q17: How would you describe the future opportunity with your fixed operations business?

Dealer Sentiment Index THIRD QUARTER 2023

Note: New question introduced Q1 2021



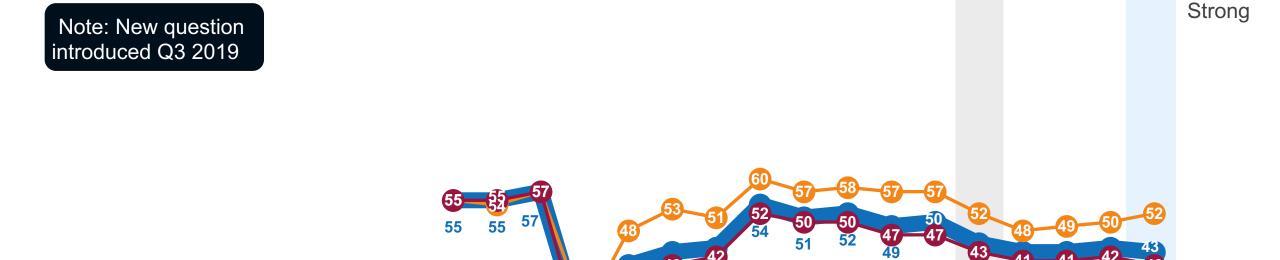
Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q18: How would you describe the current U.S. economy?

Dealer Sentiment Index

THIRD QUARTER 2023



Weak

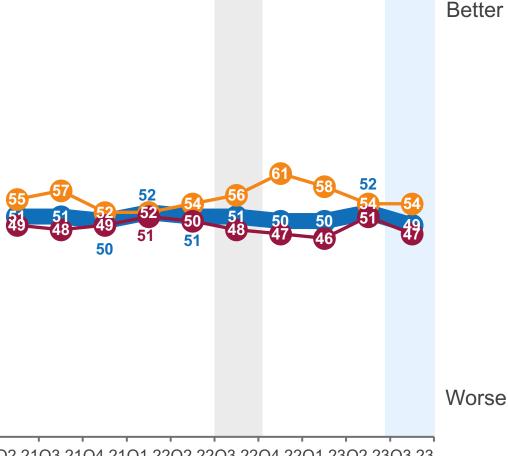
Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23



Q19: Compared to last year, how would you describe your EV sales?

Dealer Sentiment Index THIRD QUARTER 2023

Note: New question introduced Q2 2021



Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

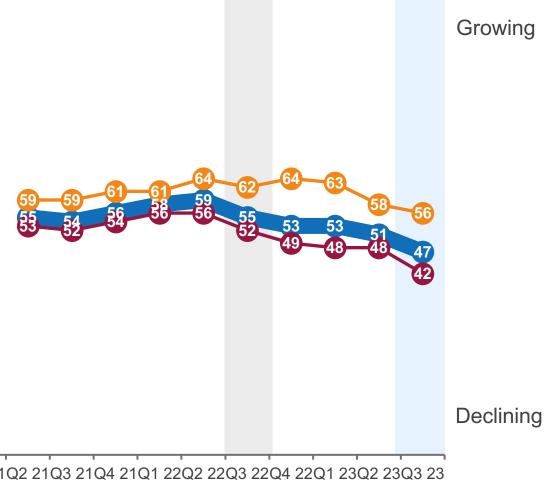
(EV) Electric Vehicle



Q20: What do you expect the EV market in your area to look like 3 months from now?

Dealer Sentiment Index THIRD QUARTER 2023

Note: New question introduced Q2 2021



Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

Overall → Franchised → Independent

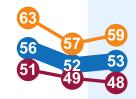


Q23: How would you describe the effect of battery electric vehicle (BEV) tax credits are having on your dealership's BEV sales?

Dealer Sentiment Index THIRD QUARTER 2023

Positive

Note: New question introduced Q1 2023



Negative

Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

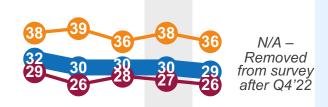
Overall → Franchised → Independent

Q21: How do you feel the consolidation of dealerships is impacting the market?

Dealer Sentiment Index

THIRD QUARTER 2023

Note: New question introduced Q4 2021



Negatively

Positively

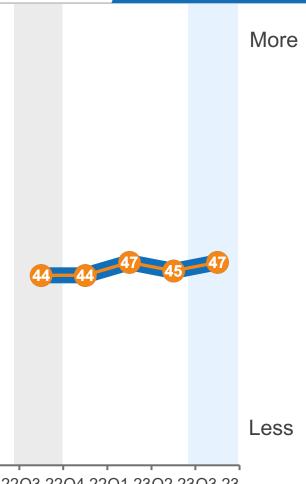
Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

Overall → Franchised → Independent

Q22: And compared to this time last year, how often does your dealership pre-load vehicles with aftermarket equipment?

Dealer Sentiment Index THIRD QUARTER 2023

Note: New question introduced Q3 2022



Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

Q24: Compared to the last 3 months, how would you describe the extent of your dealership's sales process that are being done online currently?

Dealer Sentiment Index THIRD QUARTER 2023

Growing

Note: New question introduced Q1 2023



Declining

Q2 17Q3 17Q4 17Q1 18Q2 18Q3 18Q4 18Q1 19Q2 19Q3 19Q4 19Q1 20Q2 20Q3 20Q4 20Q1 21Q2 21Q3 21Q4 21Q1 22Q2 22Q3 22Q4 22Q1 23Q2 23Q3 23

Overall → Franchised → Independent





THIRD QUARTER 2023

Factors Holding Back Your Business?

| | | | Q3 '23 | Q2 '23 | Q3 '22 | Q3 '21 |
|--|----|--|--------|--------|--------|--------|
| | 1 | Interest Rates | 61% 👚 | 53% | 35% | 3% |
| | 2 | Economy | 54% | 55% | 53% | 24% |
| | 3 | Market Conditions | 41% | 42% | 48% | 37% |
| | 4 | Limited Inventory | 37% | 44% | 56% | 62% |
| | 5 | Credit Availability for Consumers | 33% | 30% | 18% | 12% |
| | 6 | Expenses | 30% | 30% | 28% | 17% |
| | 7 | Political Climate | 27% | 29% | 30% | 17% |
| | 8 | Consumer Confidence | 25% | 26% | 29% | 10% |
| | 9 | Competition | 13% | 12% | 11% | 12% |
| | 10 | Business Impacts From COVID- 19/Coronavirus | 10% | 11% | 20% | 30% |

Significant decrease vs previous quarter







THIRD QUARTER 2023

| | | | Q3 '23 | Q2 '23 | Q3 '22 | Q3 '21 |
|---------|----|---|--------|--------|--------|--------|
| | 1 | Interest Rates | 65% | 61% | 40% | 2% |
| RS | 2 | Economy | 43% | 49% | 47% | 22% |
| 出 | 3 | Limited Inventory | 33% 👃 | 42% | 63% | 73% |
| EAL | 4 | Market Conditions | 33% | 33% | 39% | 33% |
| | 5 | Lack of Consumer Incentives from my OEM | 26% | 24% | 25% | 18% |
| Ä | 6 | Political Climate | 26% | 26% | 29% | 19% |
| 呈 | 7 | Consumer Confidence | 22% | 24% | 24% | 13% |
| N N | 8 | Credit Availability for Consumers | 21% | 19% | 10% | 4% |
| RANCHIS | 9 | Expenses | 16% | 19% | 15% | 8% |
| Ħ | 10 | Staff Turnover | 15% | 15% | 14% | 17% |

Significant decrease vs previous quarter









THIRD QUARTER 2023

Factors Holding Back Your Business?

| | | | Q3 '23 | Q2 '23 | Q3 '22 | Q3 '21 |
|----------|----|--|--------|--------|--------|--------|
| EALERS | 1 | Interest Rates | 60% 👚 | 51% | 34% | 4% |
| | 2 | Economy | 58% | 57% | 56% | 25% |
| | 3 | Market Conditions | 44% | 45% | 51% | 38% |
| | 4 | Limited Inventory | 38% 👃 | 45% | 54% | 58% |
| | 5 | Credit Availability for Consumers | 37% | 34% | 21% | 15% |
| EPENDENT | 6 | Expenses | 34% | 33% | 33% | 20% |
| | 7 | Political Climate | 28% | 30% | 31% | 16% |
| | 8 | Consumer Confidence | 26% | 26% | 31% | 9% |
| | 9 | Competition | 14% | 13% | 13% | 14% |
| | 10 | Business Impacts From COVID- 19/Coronavirus | 12% | 13% | 22% | 31% |

Significant decrease vs previous quarter







THIRD QUARTER 2023

Impact of Inflation on Areas of Dealership

| | Index (Strong/Weak) | Overall | Franchised (A) | Independent (B) |
|---|---------------------|---------|-------------------|--------------------|
| 1 | Interest Rates | 80 | 81 | 80 |
| 2 | Costs/Expenses | 78 | 73 | 80 A |
| 3 | Fixed Operations | 65 | 61 | 66 |
| 4 | Vehicle Sales | 64 | 66 | 63 |
| 5 | Staffing Levels | 54 | 56 | 53 |

Note: New question introduced in Q3 2022.

A/B indicates significant difference between groups at the 95% confidence level

Significant decrease vs previous quarter







THIRD QUARTER 2023

Area of Business with Staffing Issues

| | | Overall | Franchised (A) | Independent (B) |
|---|-----------------------|---------|-------------------|--------------------|
| 1 | Sales | 68% | 67% | 70% |
| 2 | Service | 64% | 74% | 55% |
| 3 | Management | 19% | 20% | 18% 👚 |
| 4 | Parts | 14% | 23% B | 6% |
| 5 | Finance and Insurance | 11% | 6% | 17% |
| 6 | Marketing | 7% | 6% | 9% |
| 7 | Collision/Auto Body | 7% | 13% B | 0% |
| 8 | Other | 9% | 3% | 14% |

Of those who said Staff Turnover was holding back their business. A/B indicates significant difference between groups at the 95% confidence level Significant decrease vs previous quarter





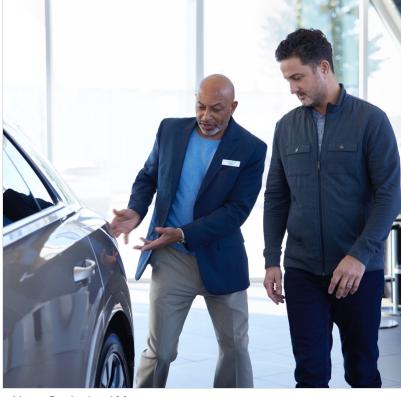




THIRD QUARTER 2023

Regional View – Index Scores (Franchised Dealers)

| Question | Answer | North- east | Mid- west | South | West |
|---------------------------------|-------------------|----------------|--------------|-------|------|
| Current Market | Strong/Weak | 55 | 55 | 62 | 52 |
| Market Next 3 Months | Strong/Weak | 56 | 57 | 63 | 50 |
| Overall Customer Traffic | Strong/Weak | 46 | 47 | 48 | 43 |
| In-Person Customer Traffic | Strong/Weak | 43 | 45 | 46 | 40 |
| Digital/Online Customer Traffic | Strong/Weak | 51 | 52 | 58 | 51 |
| Profits | Strong/Weak | 60 | 60 | 59 | 52 |
| Costs | Growing/Declining | 73 | 77 | 69 | 72 |
| New Vehicle Sales | Good/Poor | 54 | 57 | 63 | 58 |
| New Vehicle Inventory | Growing/Declining | 63 | 60 | 63 | 65 |
| New Vehicle Inventory Mix | Good/Poor | 54 | 48 | 58 | 56 |
| Used Vehicle Sales | Good/Poor | 57 | 57 | 59 | 55 |
| Used Vehicle Inventory | Growing/Declining | 54 | 51 | 52 | 54 |
| Used Vehicle Inventory Mix | Good/Poor | 50 | 58 | 61 | 58 |



Note: Scale 1 - 100

GREEN: Significant *increase* from prior quarter **RED:** Significant *decrease* from prior quarter



Research & Market Intelligence Dealer Sentiment Index Q3 2023

THIRD QUARTER 2023

Regional View – Index Scores (Franchised Dealers)

| Question | Answer | North- east | Mid- west | South | West |
|--|-------------------|----------------|--------------|-------|------|
| Price Pressure | More/Less | 56 | 52 | 56 | 62 |
| Staffing | Growing/Declining | 51 | 52 | 51 | 52 |
| OEM incentives | Large/Small | 30 | 28 | 29 | 26 |
| Economy | Strong/Weak | 51 | 53 | 55 | 48 |
| Current Fixed Operations | Better/Worse | 66 | 64 | 66 | 62 |
| Future Fixed Operations | Growing/Declining | 70 | 70 | 72 | 73 |
| Current BEV Sales | Better/Worse | 52 | 50 | 53 | 65 |
| Future BEV Sales | Growing/Declining | 52 | 52 | 60 | 62 |
| Dealer Credit | Easy/Difficult | 66 | 62 | 62 | 62 |
| Pre-Loading Aftermarket Equip. | More/Less | 46 | 46 | 46 | 48 |
| Effect BEV Tax Credits Have on BEV Sales | Positive/Negative | 60 | 59 | 58 | 63 |
| Extent of Sales Being Done Online Last 3 Months | Growing/Declining | 58 | 58 | 63 | 57 |



Note: Scale 1 - 100

GREEN: Significant increase from prior quarter **RED:** Significant decrease from prior quarter



Research & Market Intelligence Dealer Sentiment Index Q3 2023

THIRD QUARTER 2023

Contact Information:

Dara Hailes
Senior Manager, Corporate Communications
Cox Automotive
dara.hailes@coxautoinc.com

Mark Schirmer
Director, Corporate Communications
Cox Automotive
mark.schirmer@coxautoinc.com

COX AUTOMOTIVE Research & Market Intelligence

