

A glowing blue microchip is centered on a circuit board. The chip has a grid-like pattern on its surface and is surrounded by intricate circuitry. The overall image has a futuristic, high-tech aesthetic with a blue color palette.

TPC Semiconductor Market Survey

February/March 2024

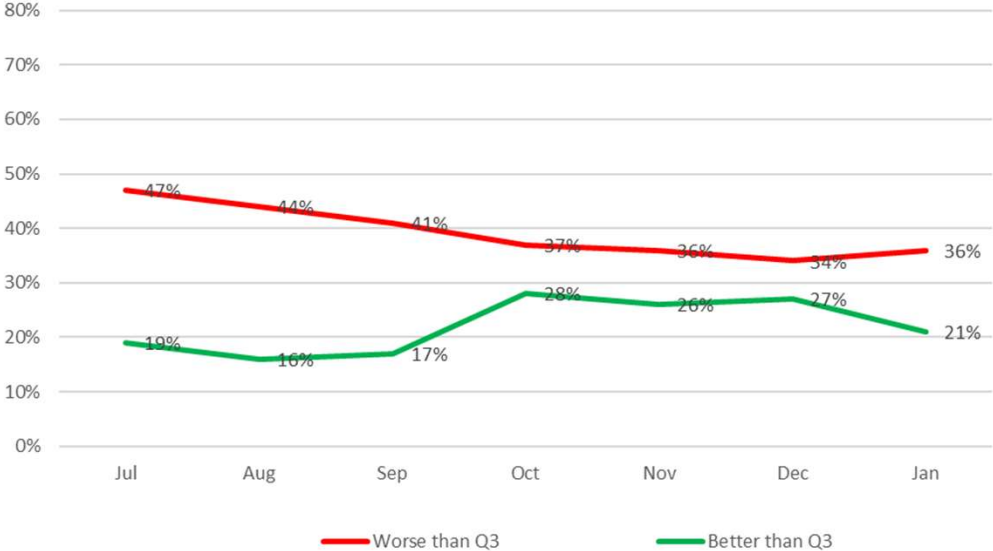
February/March '24 Survey Summary

*Survey Date: 3/13-16 Respondents: ~7,300 Location: Worldwide (~80% Asia) Who: Active Electronics Industry Professionals
Response Composition (multiple choices): Industrial 35%, Auto 21%, Comm 21%, Computing 22%, Mobile 24%, Data Ctr 21%, Other 18%*

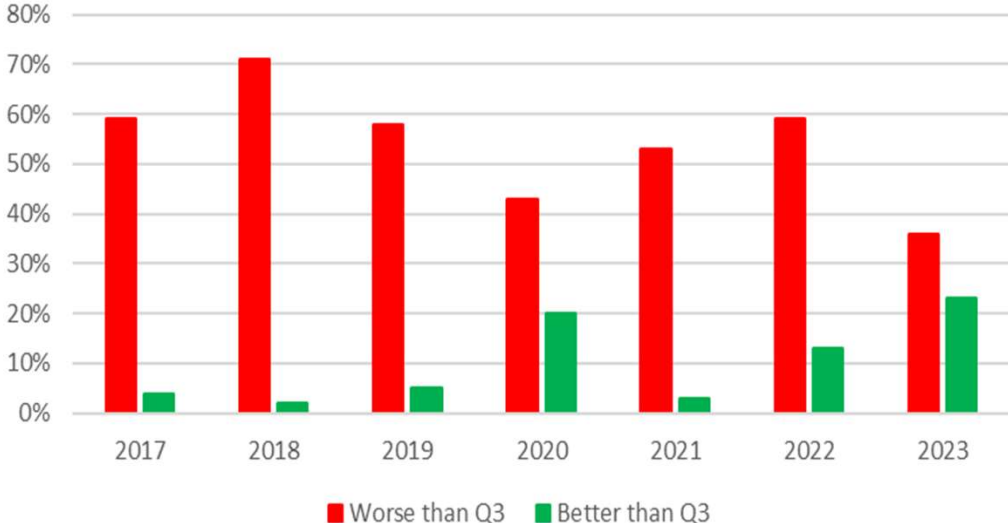
- We recently completed our monthly survey which saw C2Q's outlook slightly improved; however, C2Q's booking outlook was slightly weaker. Additionally, C2Q inventories didn't show improvement and were actually slightly up. We believe these are indications of inventories not clearing as quickly and the possibility of a push out in the recovery.
- Inventory levels for high demand parts also increased slightly with most product categories being above nominal levels. For reference, C1Q inventory growth outlook (slide 10) showed inventory trends slightly worse.
- The survey showed C4Q23 finishing weaker vs. last month with 21% seeing the quarter being better than C3Q compared to 27% previously, while 36% see it as worse vs. 34% last month.
- The survey showed the C1Q24 outlook a little weaker vs. last month. Slightly more respondents saw things weaker (59% see it as worse vs. 56% last month); the seasonality outlook also weakened.
- The survey showed the C2Q24 outlook improved vs. last month. More respondents saw things improved (40% see it as better vs. 35% last month); the seasonality outlook also got better.
- The backlog cancellation expectations (slide 8) inched slightly above the "positive" indicator line but with a long-term trend continuing to move sideways. This shows a continued bias towards reducing leadtimes and backlog exposure.
- Most key product inventories and availability (slide 9) remained above the average range.

C4Q23 Outlook

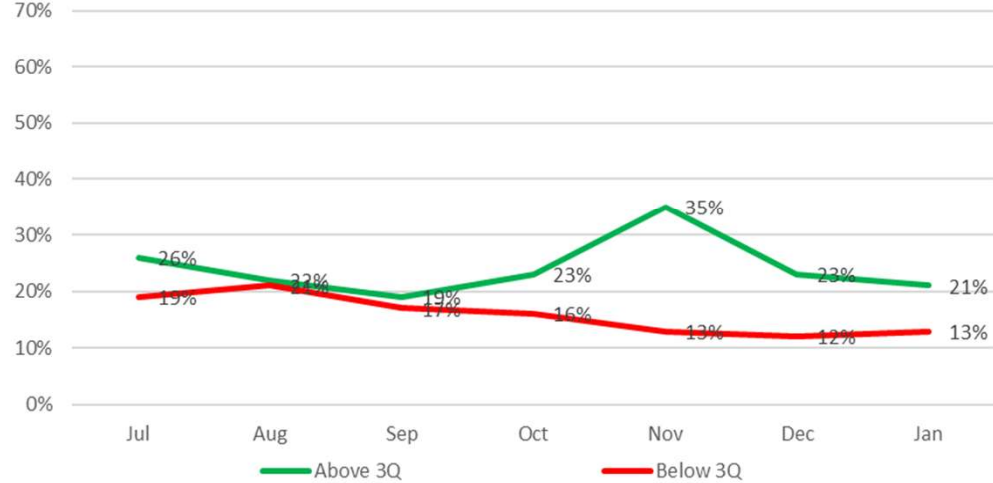
4Q23 Growth Expectations



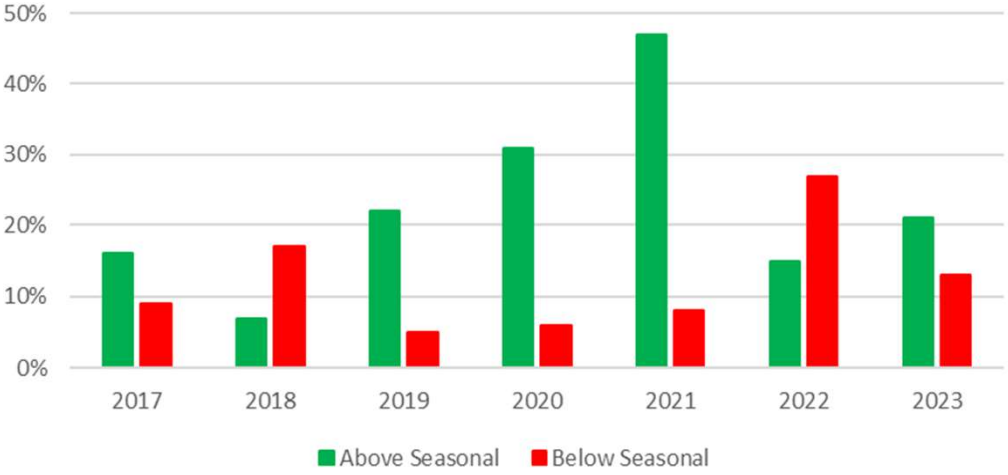
C4Q Growth Expectations



4Q23 Seasonality Expectations

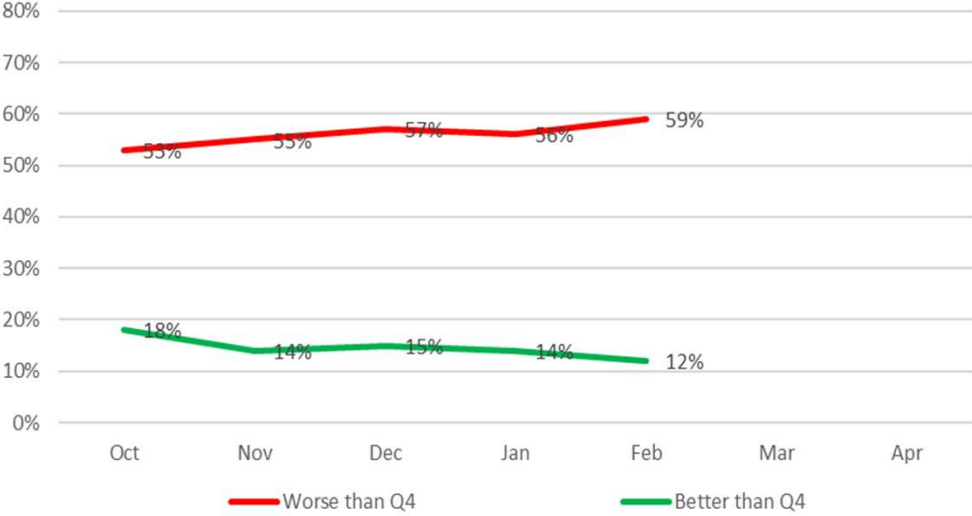


C4Q Seasonality Expectations

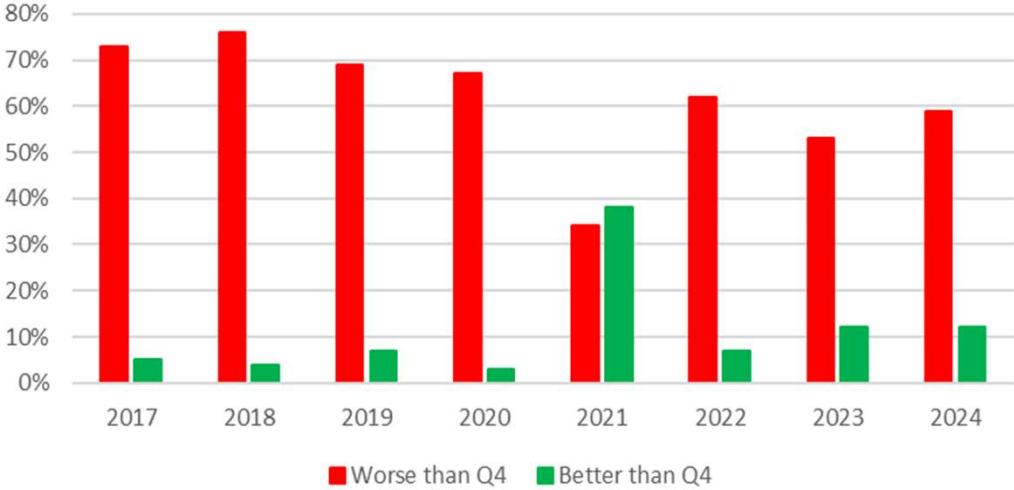


C1Q24 Outlook

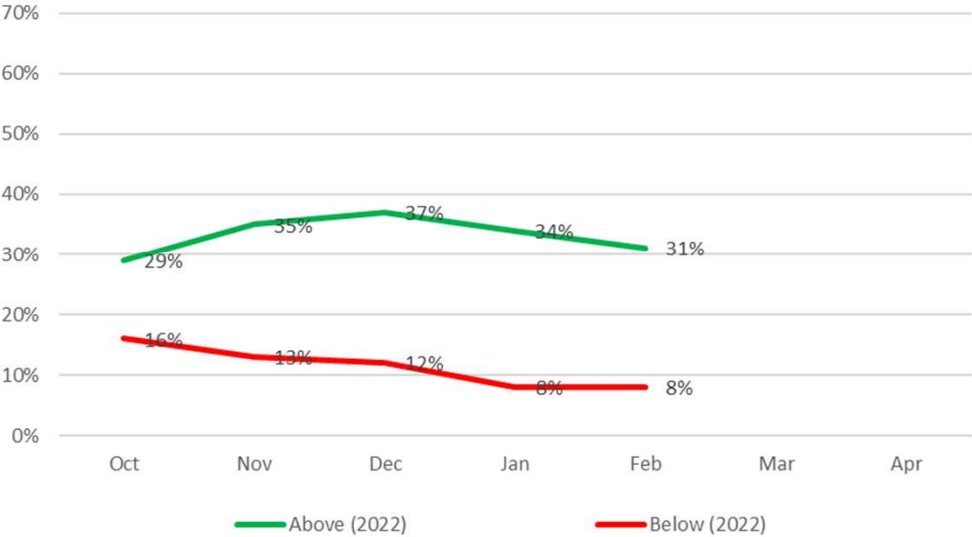
C1Q24 Growth Expectations



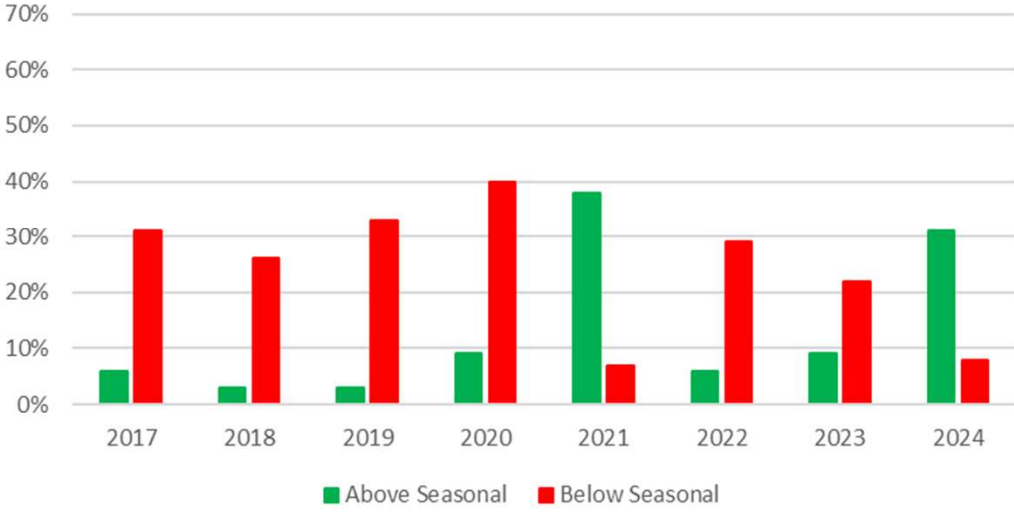
C1Q Growth Expectations vs. C4Q



C1Q24 Seasonality Expectations

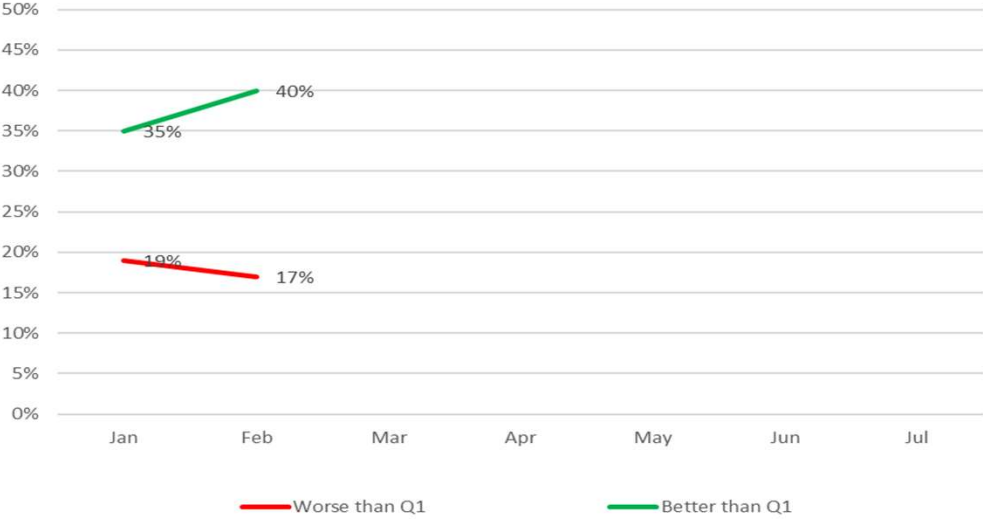


C1Q Seasonality Expectations

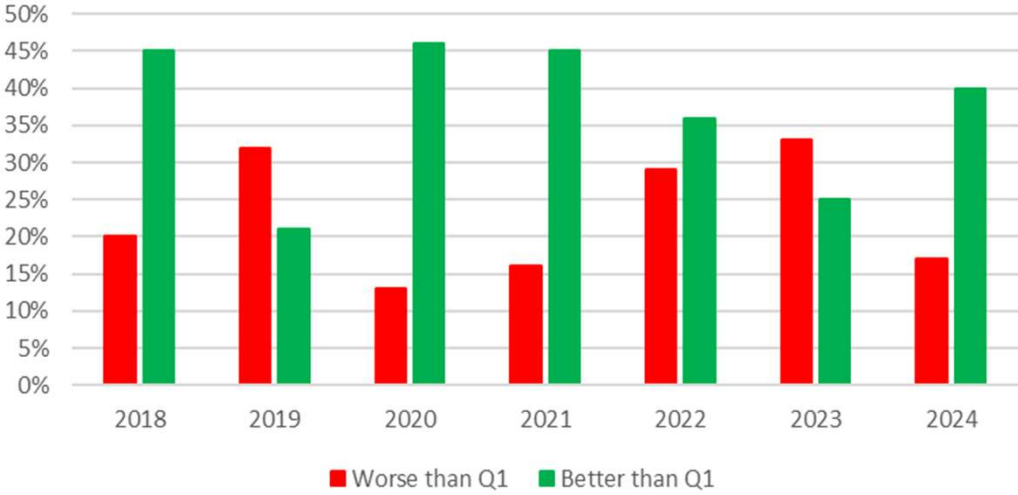


C2Q24 Outlook

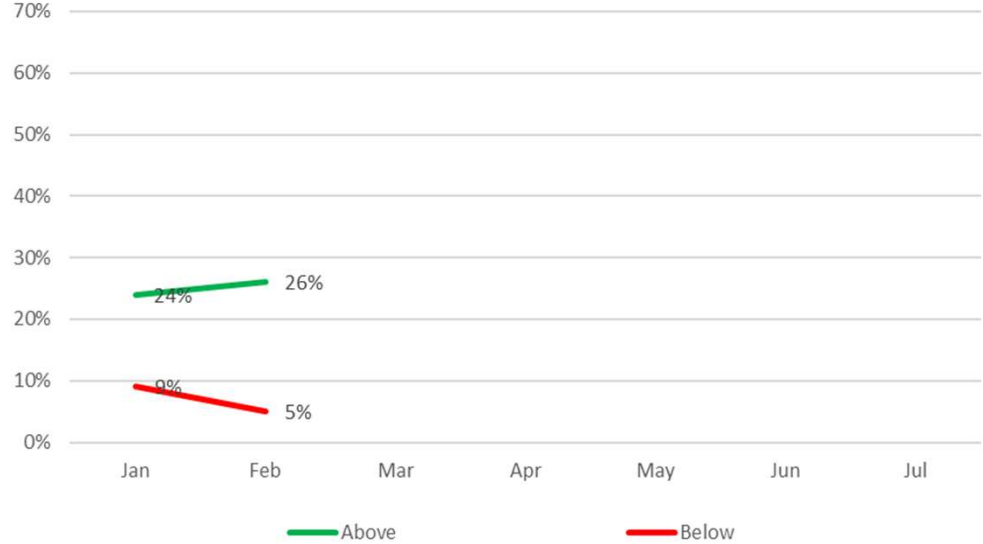
C2Q24 Growth Expectations



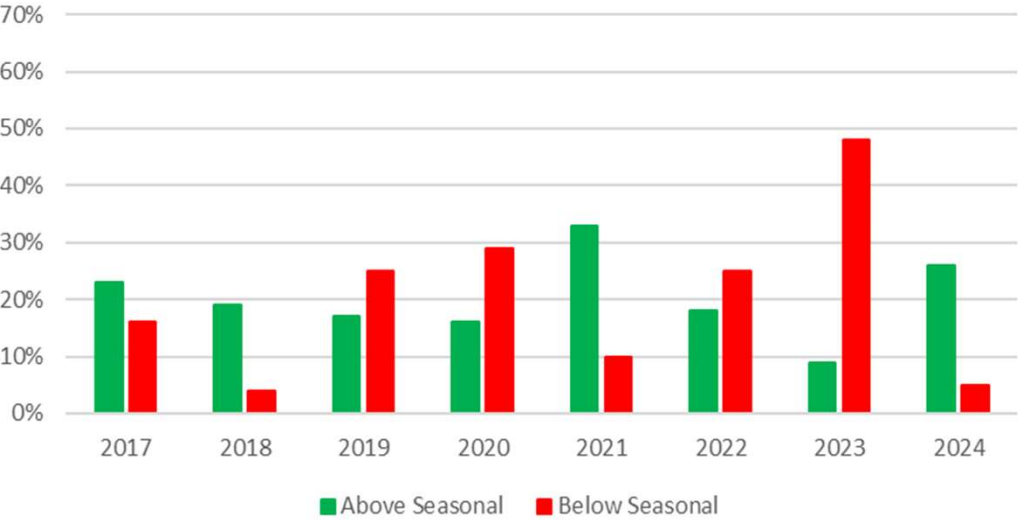
C2Q Growth Expectations vs. C1Q



C2Q24 Seasonality Expectations

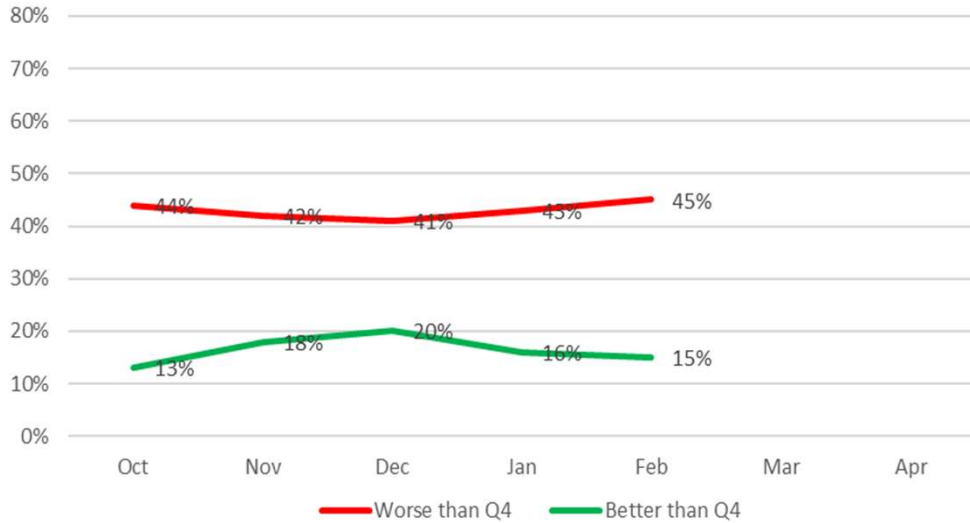


C2Q Seasonality Expectations

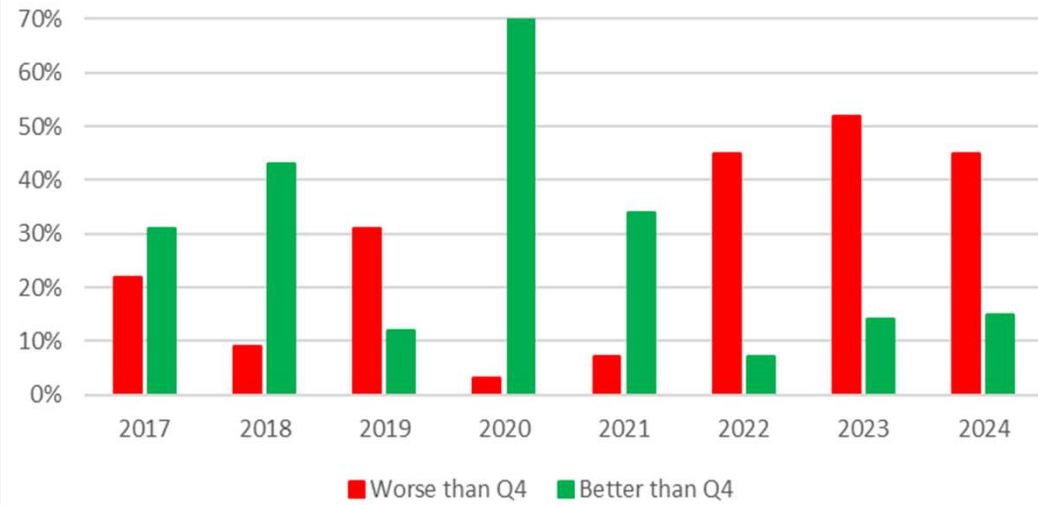


Bookings Outlook

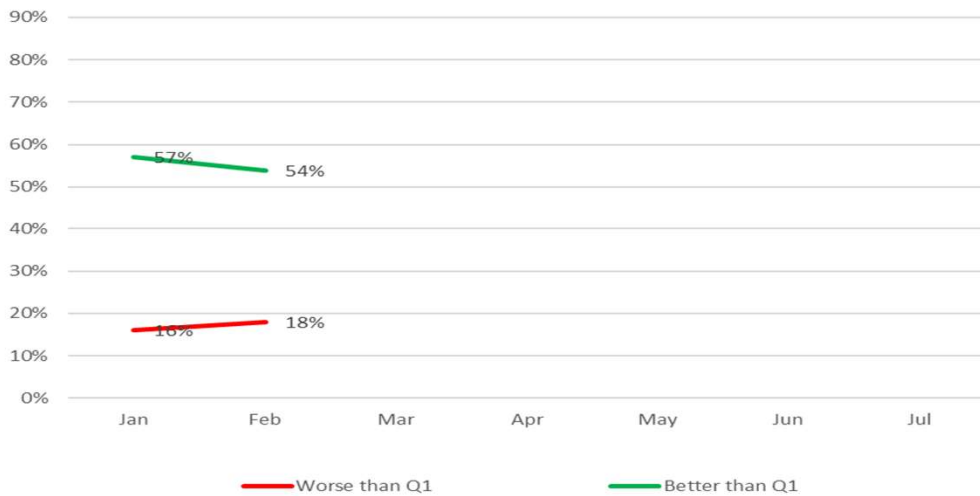
C1Q24 Bookings Expectations



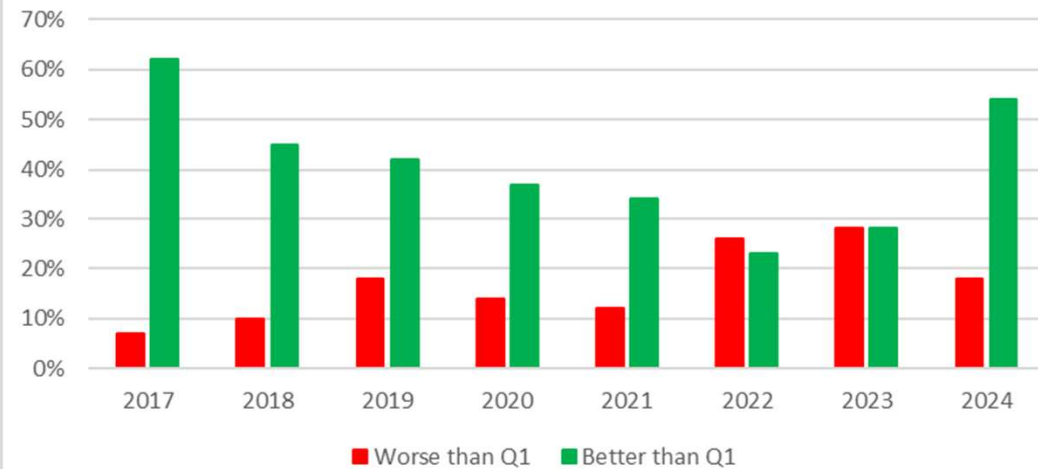
C1Q Bookings Expectations



C2Q24 Bookings Expectations

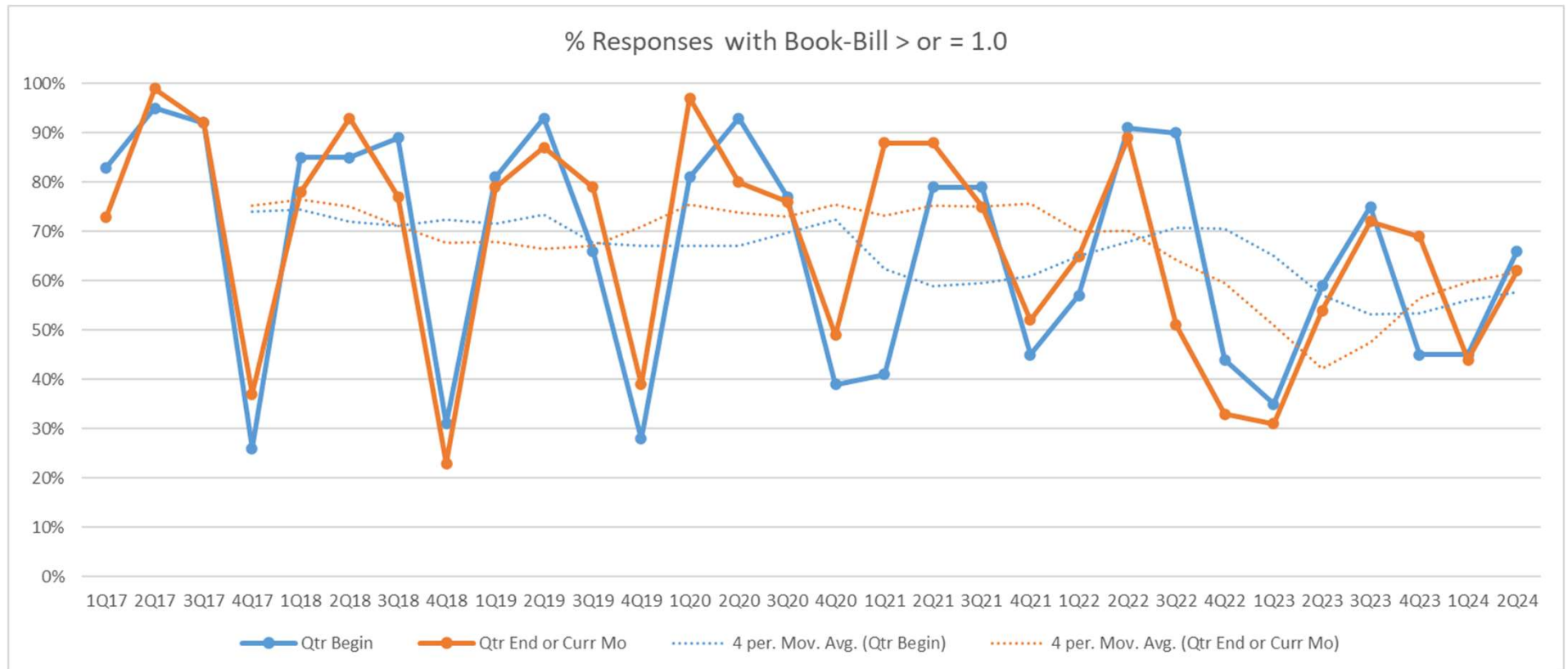


C2Q Bookings Expectations



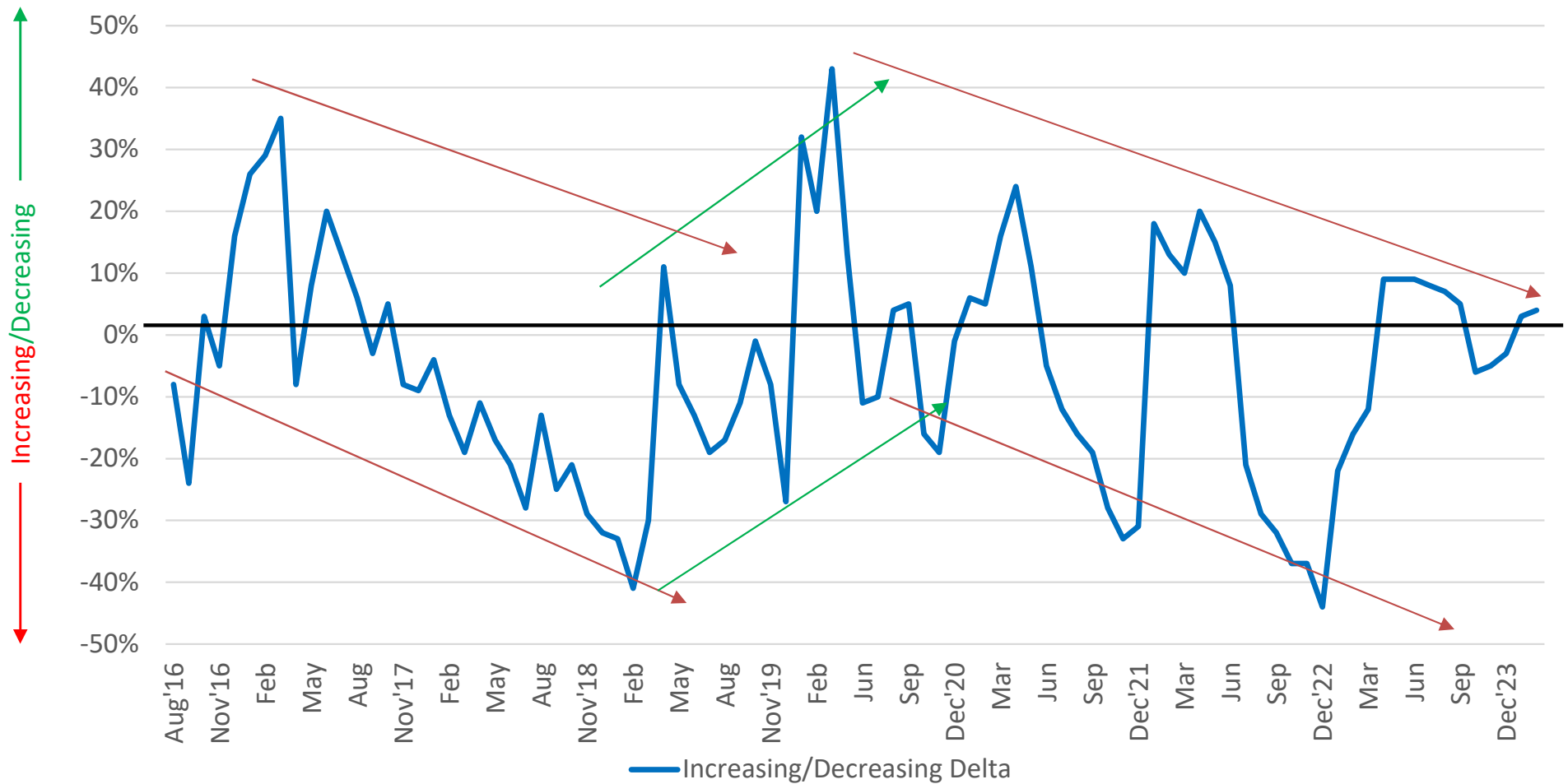
Book to Bill History & Trends

(Calendar quarters)



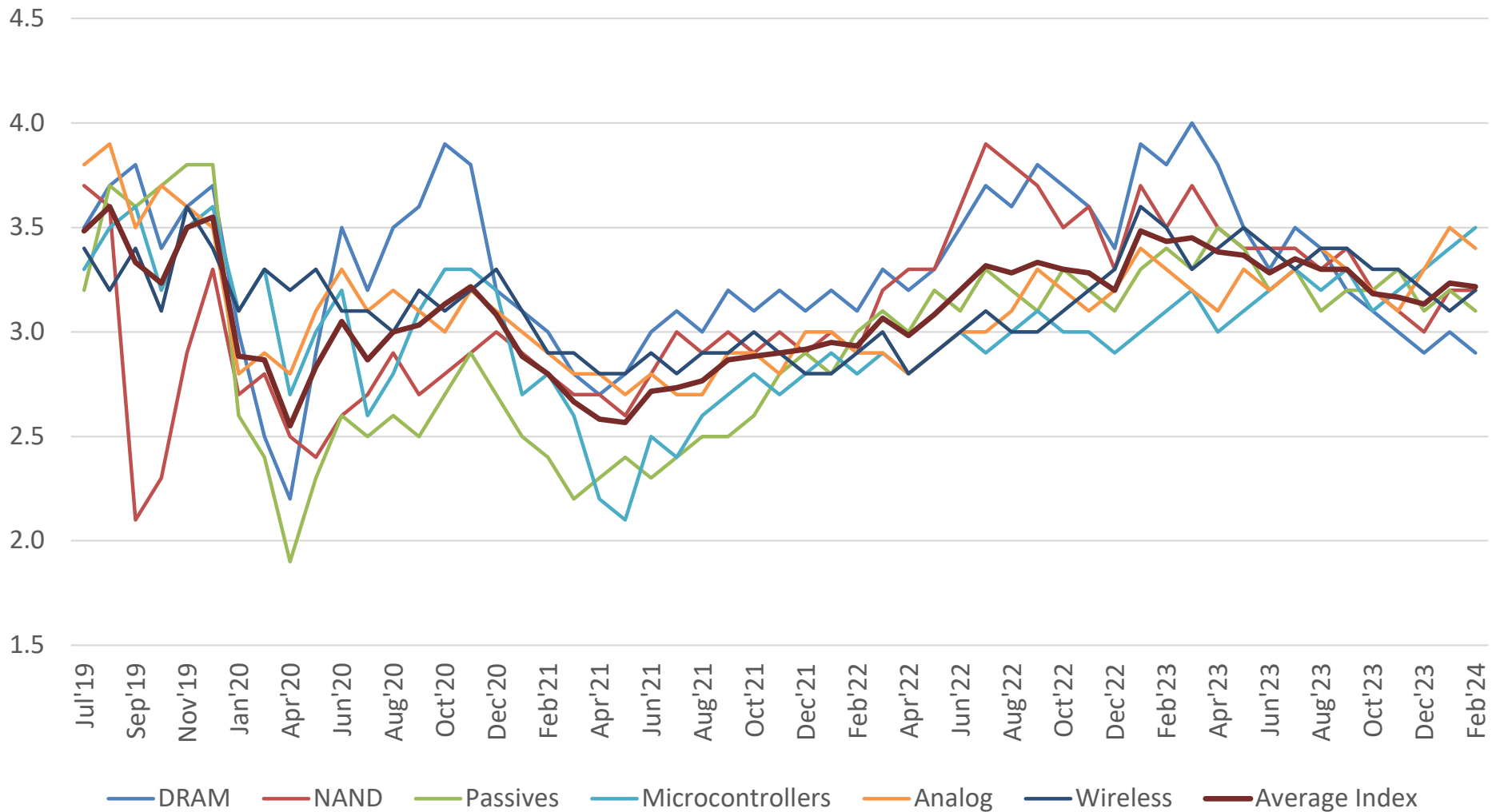
Backlog Order Push Outs/Cancellations vs. 30 Days Ago

(Delta between increasing and decreasing cancellations – Higher % is more positive)



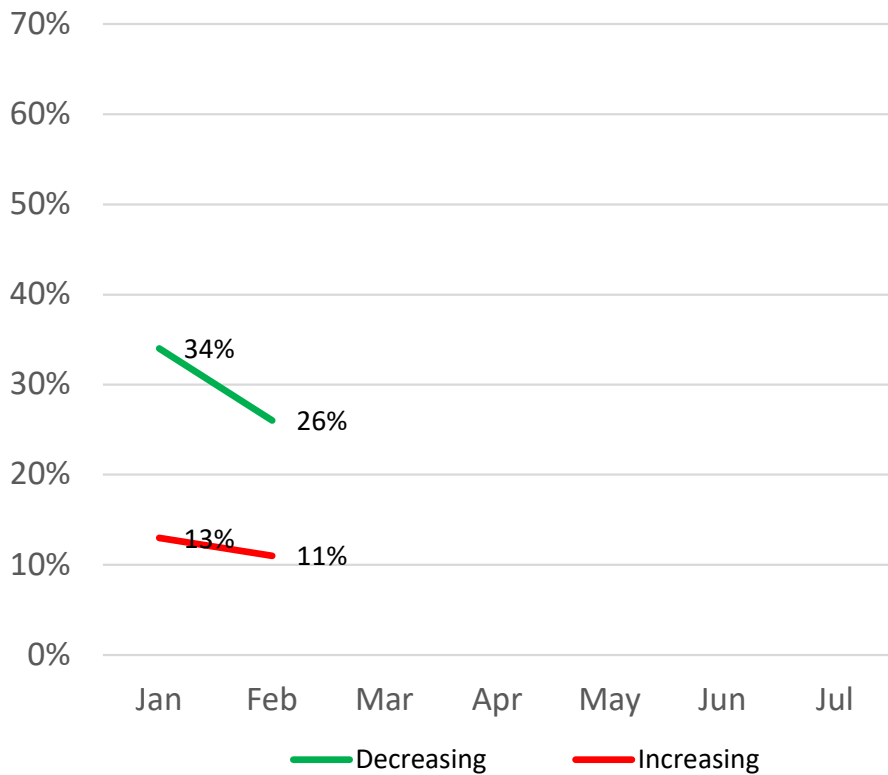
Inventory Status

(Using a scale of 1 to 5 with 1 being extremely low inventory, 3 being the normal amount, and 5 being extremely high; how do you view inventory levels for the following products?)

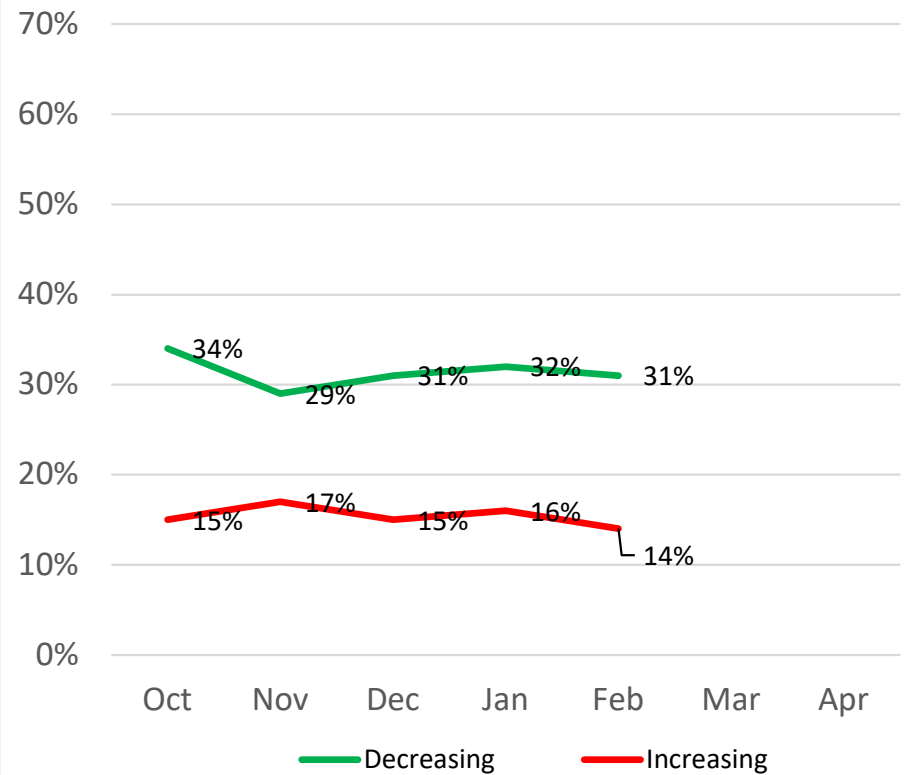


Q/Q Inventory Growth

C2Q24 Inventories vs. C1Q24

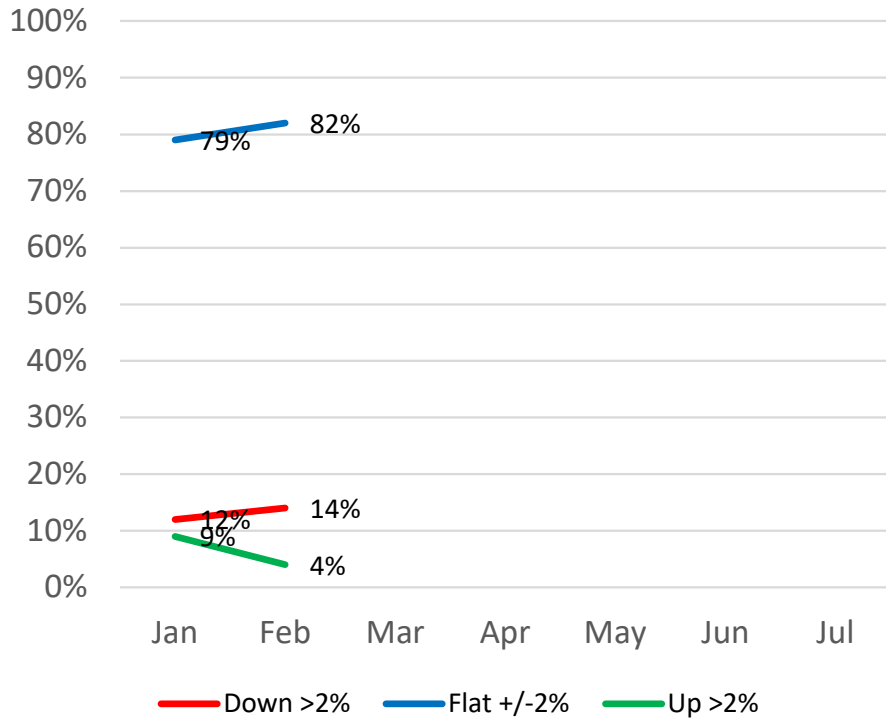


C1Q24 Inventories vs. C4Q23

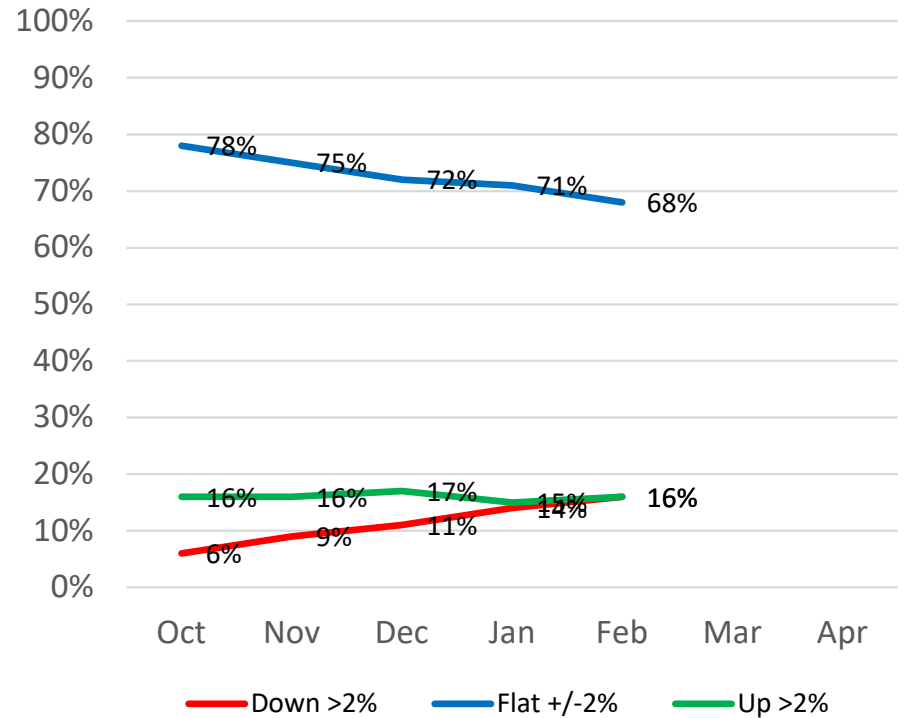


Q/Q Pricing Trends

C2Q24 Pricing vs. C1Q24



C1Q24 Pricing vs. C4Q23



Vertical Outlook

