OCTOBER FREIGHT MARKET UPDATE

November 2022



A holiday humbug begins taking shape early in Q4

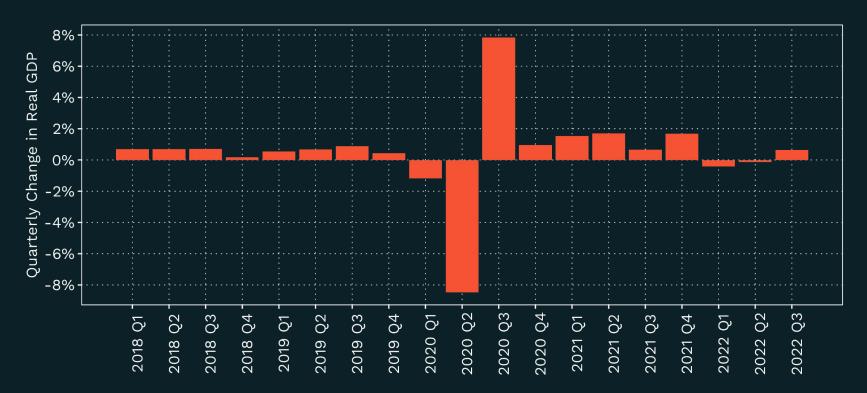
- On-going voracious consumer spending helped drive third quarter growth in GDP.
 However, the mix shift in purchases towards services, combined with fluctuating consumer preferences for goods is resulting in record inventory backlogs for retailers and merchant wholesalers.
- Successive interest rate hikes rapidly depressed home buying and building.
 Simultaneously, slowing automotive manufacturing and plateauing of oil rig deployment is resulting in lower overall demand outside the retail sector.
- Market softening persists with the lowest observed tender rejection rates of this freight cycle alongside some of the largest spot-contract spread. While some capacity is leaving the market, the early signs point towards lower holiday demand and a continued soft market into Q1.

(Updated November 7, 2022.)

Freight Demand

Retail | Food & Beverage | Industrials

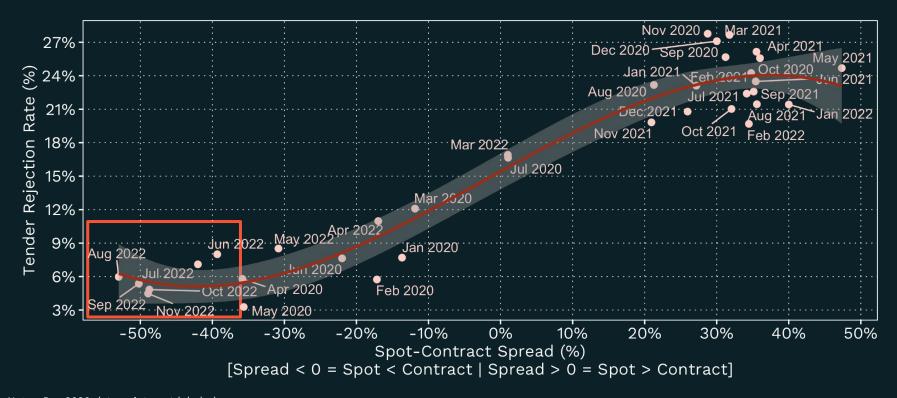
Real GDP increased at an annual rate of 2.6% in Q3



Tender rejection rates slipped to 5% in October



Pricing spread and rejection bottomed out in Fall

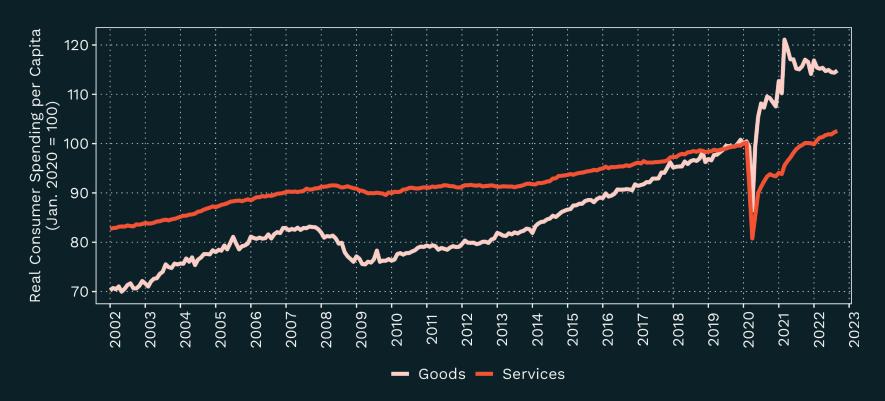


Notes: Pre-2020 data points not labeled.

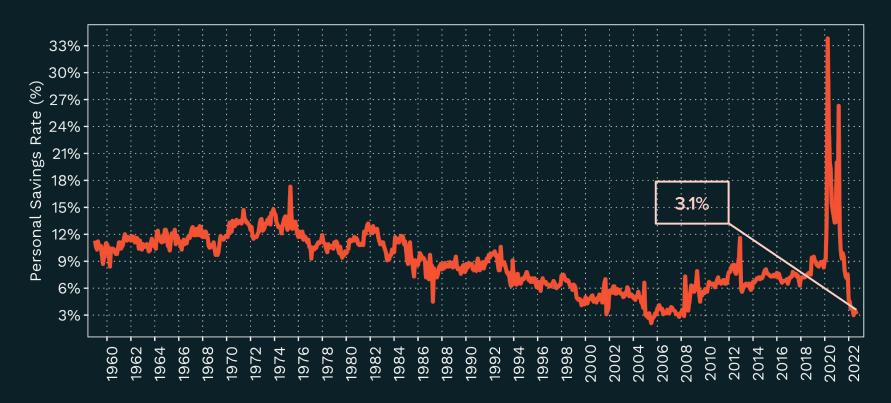
Source: Convoy analysis of data from FTR, DAT and FreightWaves. (Updated November 4, 2022.)

Consumer Retail

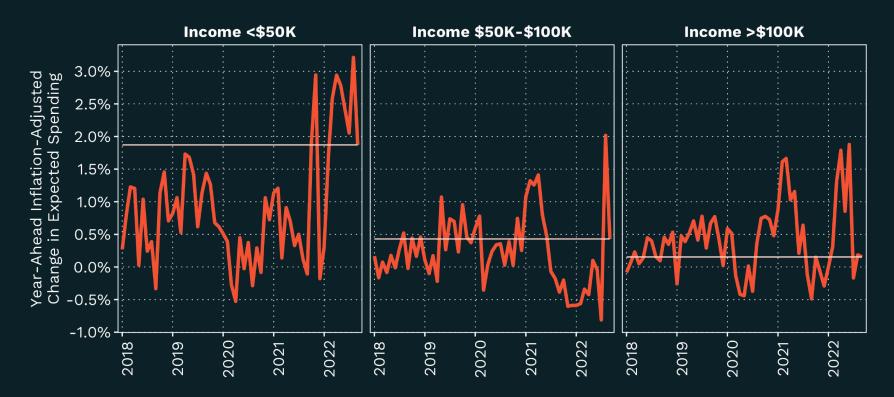
Real consumer spending remains elevated



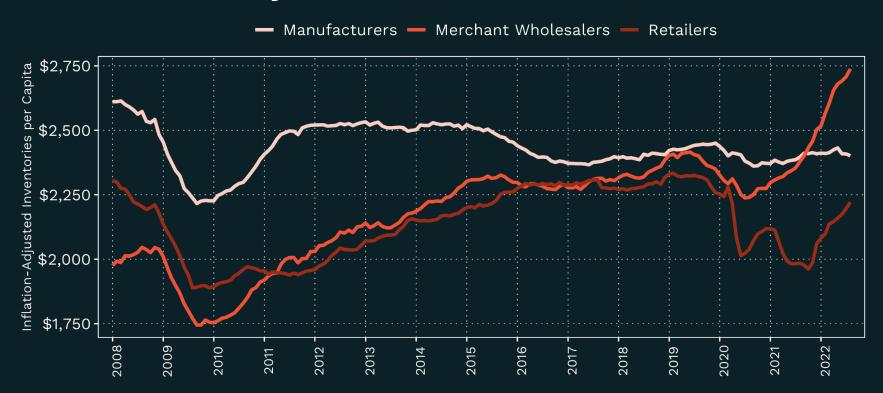
Personal savings rate fell even further in October



Expected spending reduces for all income groups



Inventories set yet another new record



Key points for the consumer retail outlook

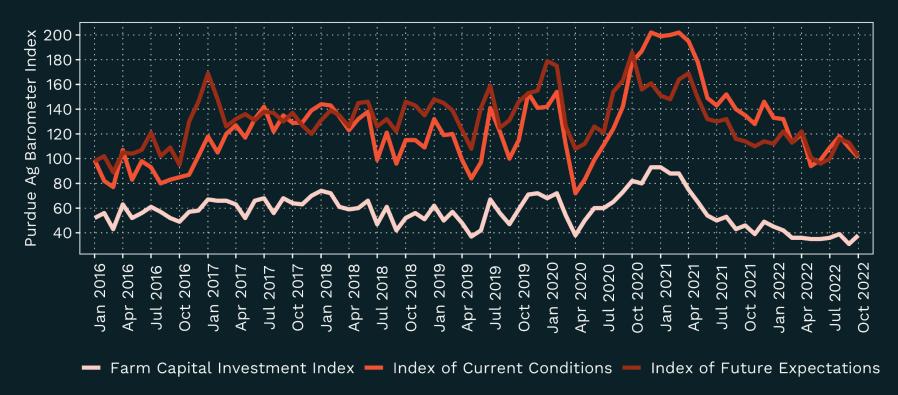
- Consumers continue spending at record levels as service purchases reach another new high.
- Expectations on future spending decreased, in part due to (likely unsustainable) historically low savings rates.
- Despite elevated spending, inventory backlogs for retailers and merchant wholesalers set another record.

Food + Beverage

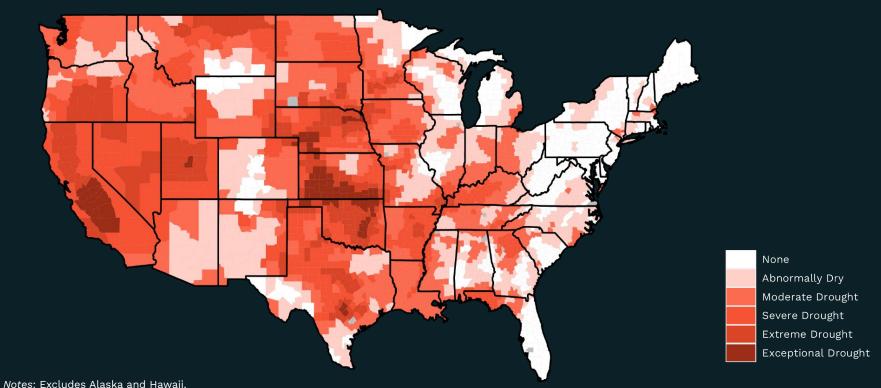
Consumers headed out at a slightly slower pace



Interest rate concerns dampen farmer sentiment



Moderate or greater drought covers 63% of country



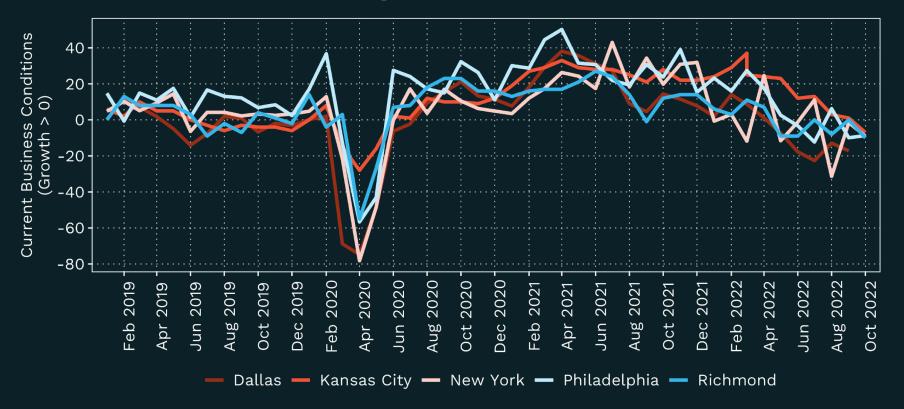
Source: University of Delaware, Drought Monitor. (Updated November 4, 2022.)

Key points for the food + bev outlook

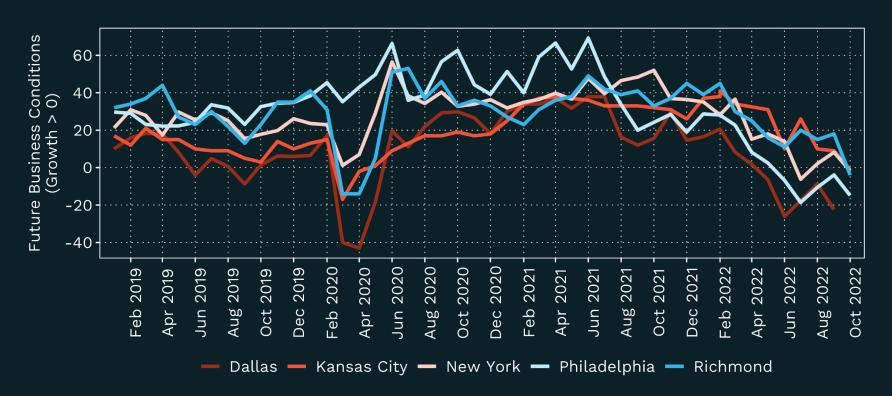
- Restaurants and bar spending shows slight softening, although still near historic levels as consumers continue reducing grocery purchases.
- Interest rate increases lowering current and future expectations on agricultural business environment.
- The unusually dry Fall left two-thirds of the country in moderate or worse drought conditions, putting pressures on late season and winter crop production.

Industrials

Pessimism even more pervasive in business conditions



Uniformly negative expectations on 6-12 month growth



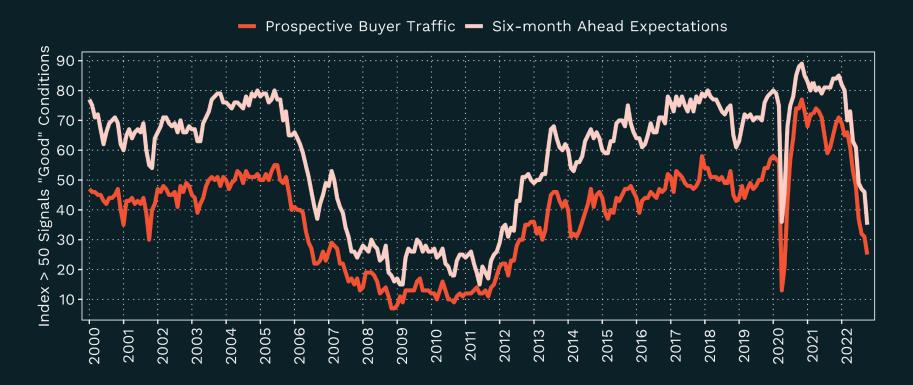
Mortgage rates surpass 7% for the first time since '02



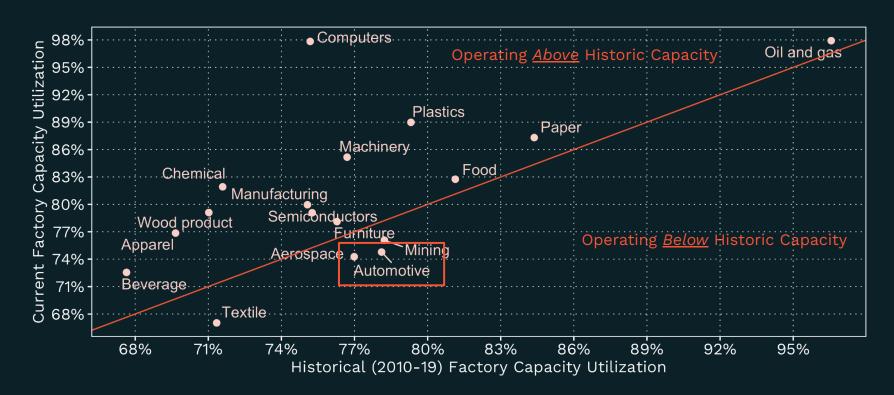
Housing starts fell by 8.1% from previous month



Rate hikes further reduce prospective buyer traffic



Automotive capacity stalled below historic levels



Active oil rig plateauing despite elevated demand



Source: Baker-Hughes. (Updated November 8, 2022.)

Key points for the industrials outlook

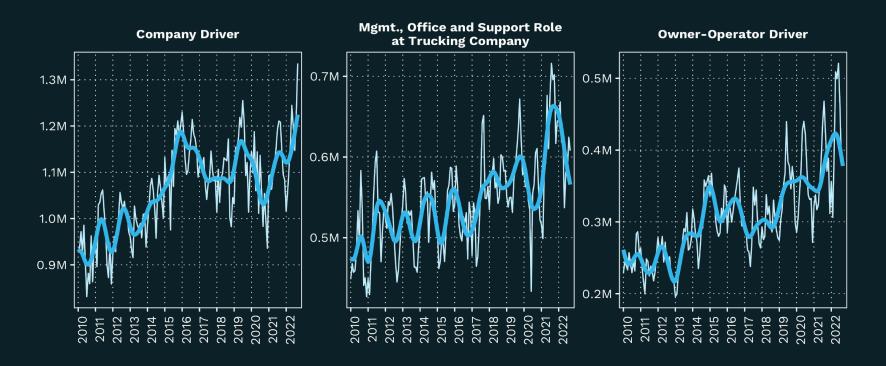
- Current and future business perceptions are predominantly negative and generally continuing a downward trend.
- Two decade high mortgage rates depressing interest in housing and rapidly slowing new construction.
- Lagging automotive manufacturing compared with historic levels and slowing deployment of new active rigs for oil production suggest limited demand through end-of-year.

Freight Supply

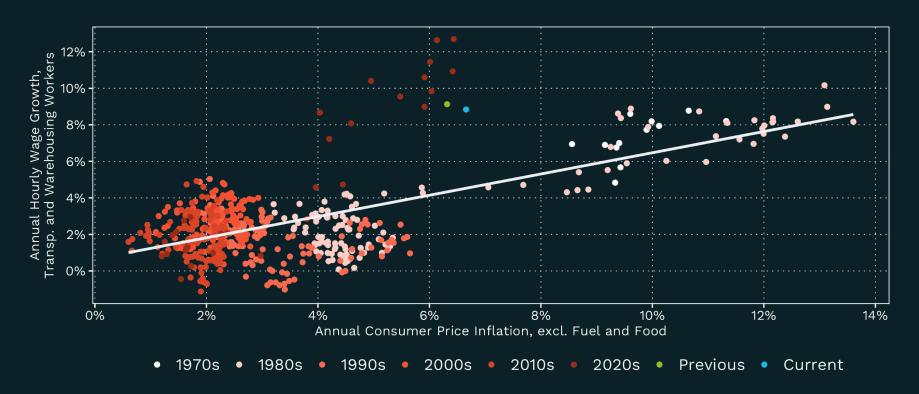
Labor | Equipment | Fuel

Labor

Company driver and owner-operator trends diverge



Inflation continues outpacing hourly wage growth

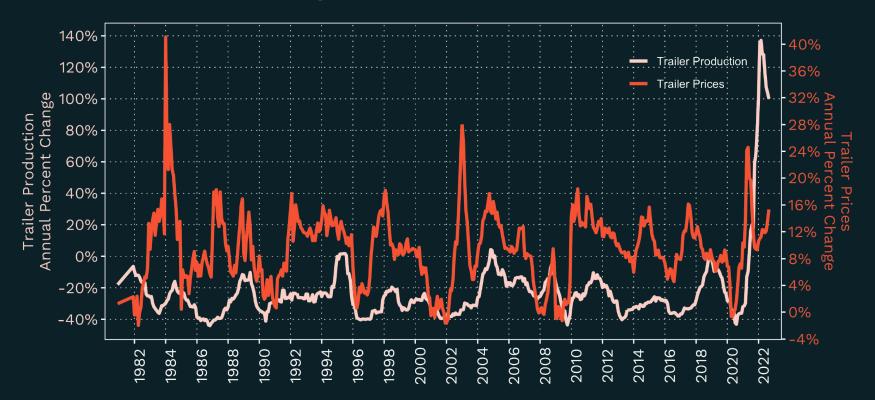


Equipment

Orders net replacement jumped by 30K in Sept

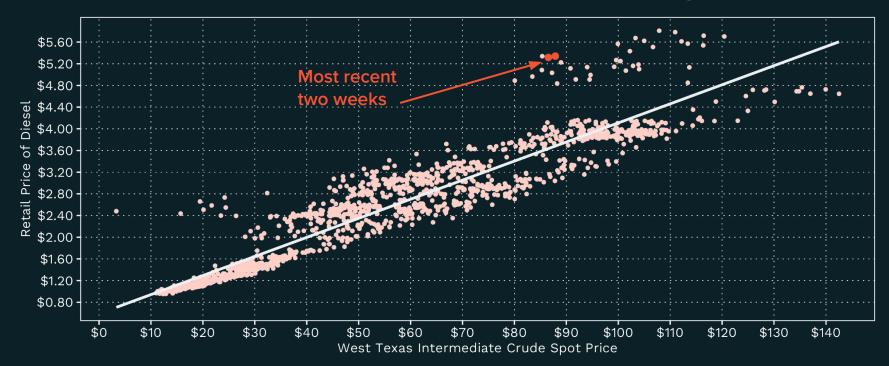


Trailer prices rising while record production eases up



Fuel

Diesel prices remain well above \$5 per gallon



Key points for the supply outlook

- Asset carriers now employing record number of drivers while owner-operators down 25% from summer peak, suggesting driver movement away from self-employment.
- Tractor orders soared in September leading to highest net replacement levels since 2018.
- Trailer production substantially ramped up compared with previous year manufacturing constraints, however prices continue escalating due to inflationary pressures.



Chris Walker is a Director of Strategy at Convoy, the nation's most efficient digital freight network. He's previously worked as a consultant helping companies identify how emerging technologies, evolving business models and changing demographics are disrupting industries such as agriculture, supply chains and housing. He holds a Ph.D. and an MBA from the University of Washington.



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