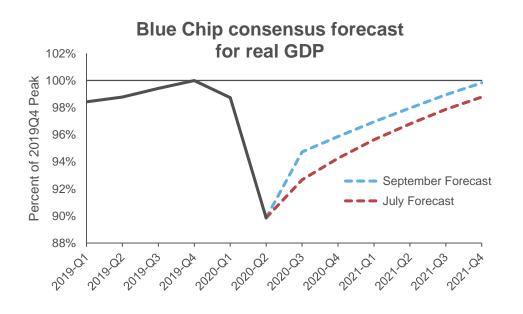


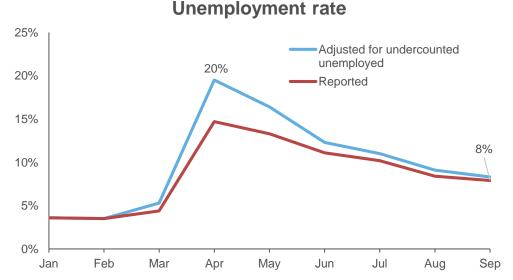
Overview

- The US economy experienced a sharp contraction in Q2
- The recovery in Q3 has progressed more quickly than anticipated at the beginning of the summer despite elevated COVID-19 infections
- The rebound is uneven with activity still depressed at smaller firms and in service sectors that more heavily depend on faceto-face customer interactions
- Financial conditions also show evidence of an unbalanced recovery

Rebound in economic activity, labor market ...

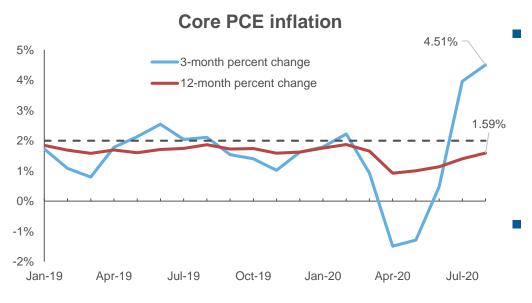


- Real GDP plunged 31.5% in Q2 (annual rate)
- Recovery in Q3 is progressing more quickly than expected in early July



 The unemployment rate has fallen sharply; but only half of the jobs lost in Feb-Apr are recovered

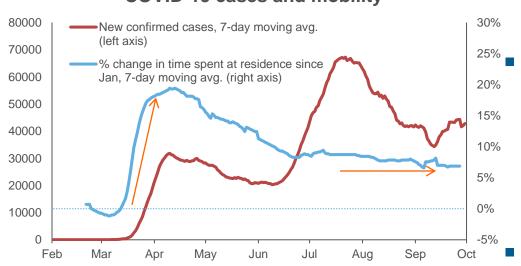
..and inflation despite elevated new COVID infections



3-month core-PCE inflation accelerated in Jul/Aug; on a 12-month basis inflation remains muted

Rebound in activity & inflation despite elevated new COVID confirmed infections

COVID-19 cases and mobility

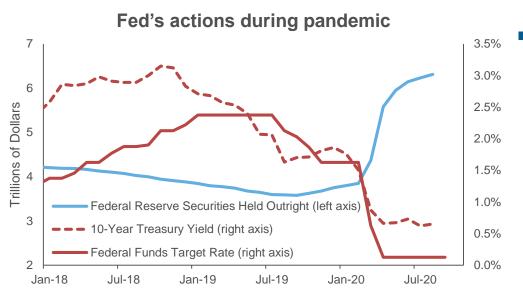


Absence of summer increase in time-at-home suggests more efficient distancing (face masks)

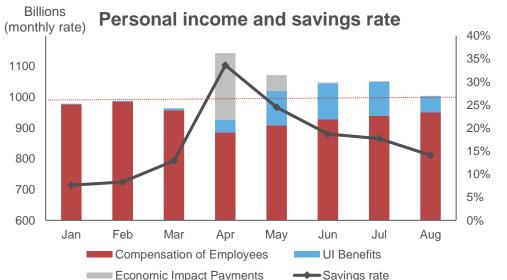
Future path is uncertain

Source: BEA, JHU, Google

Unprecedented monetary and fiscal support

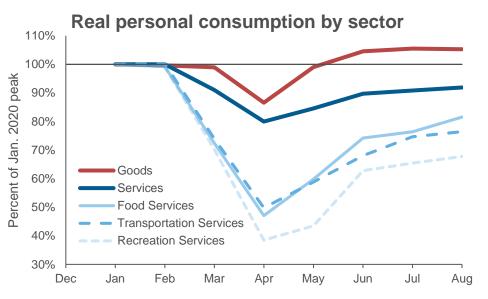


Economic recovery supported by unprecedented monetary and fiscal policy actions



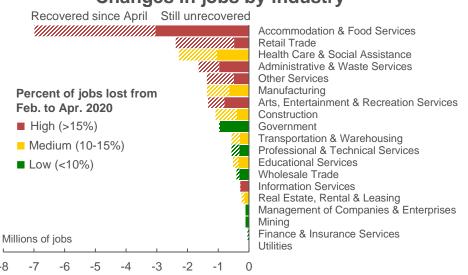
- Personal income since April rose despite large job losses
- Expiration of \$600 top-up in UI payments weighed on Aug personal income but savings rate remains high

Activity in many service sectors still very depressed



 Uneven recovery: strength in personal goods consumption but depressed services consumption especially if dependent on face-to-face interactions

Changes in jobs by industry



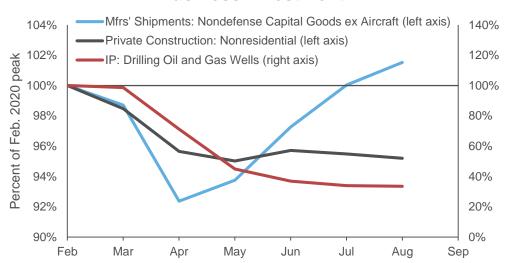
Source: BEA. BLS

- Unbalanced jobs recovery even for sectors with similar (%) job losses this spring
- Elevated COVID cases to weigh on "face-to-facedependent" industries

6

Equipment and residential inv. rise; nonresidential lags

Business investment



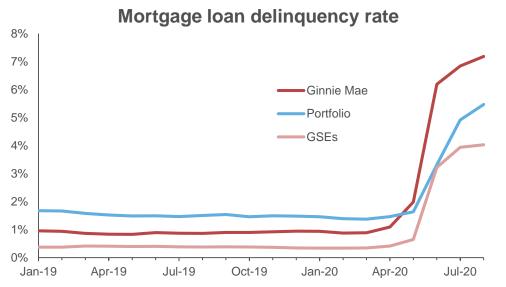
 Rebound in capex for equipment investment but weakness in business construction, especially in oil & gas

Residential investment

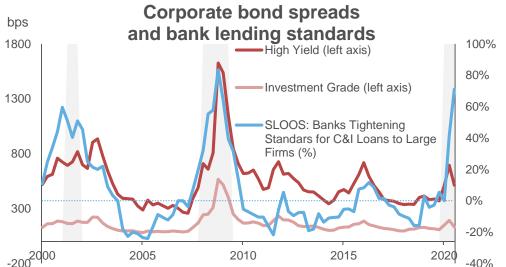


 Residential investment is experiencing a v-shaped recovery

Distress in retail credit; bus. credit lags market funding



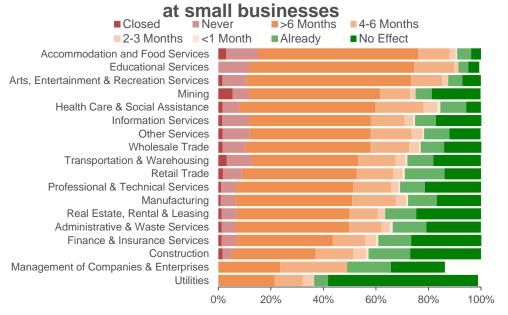
 Mortgage originations are at record highs but elevated delinquency rate, especially for FHA/GNMA loans



 Business credit standards tightening while corporate IG/HY bond spreads narrowing

Small businesses under stress

Expected time to normal operations



Many small businesses don't expect business as usual for at least 6months and many shuttered operations

Stock market performance



Gap between large and small firm performance evident in equity valuations for publicly traded companies