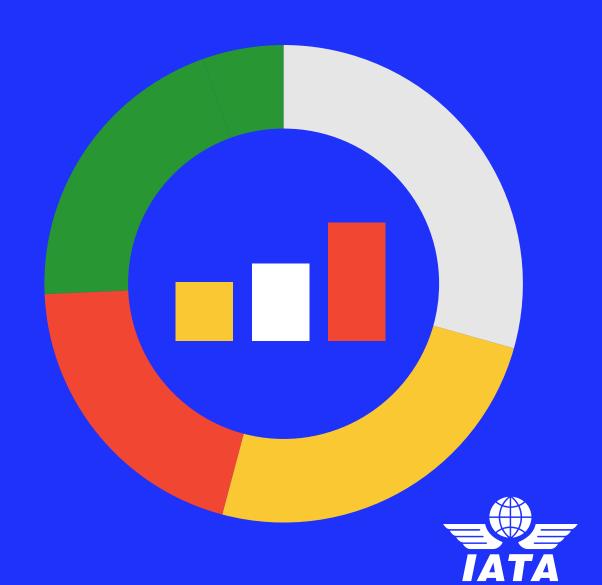
COVID-19 Challenging outlook for airlines, despite vaccine progress

Brian Pearce

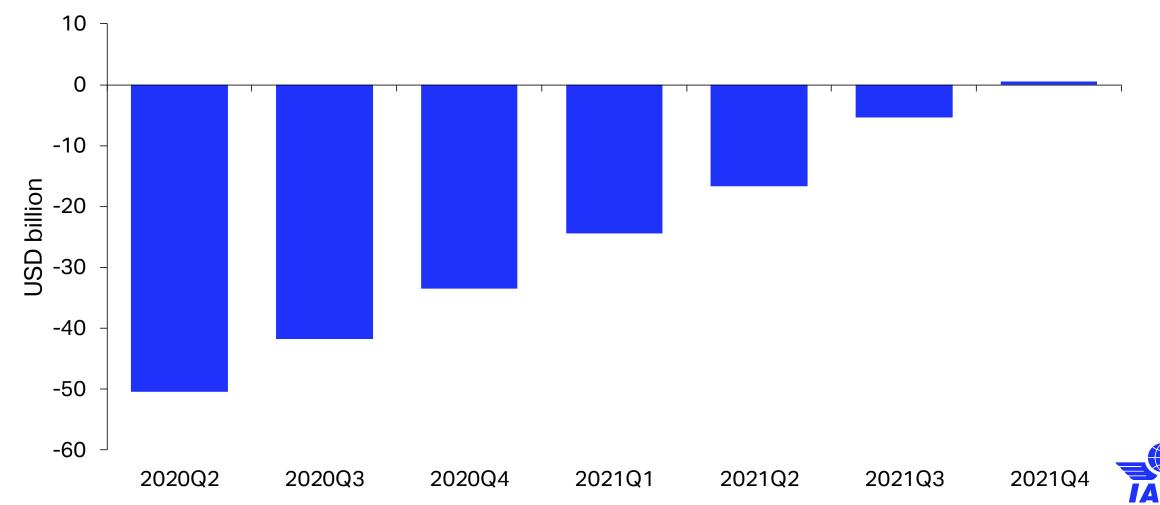
Chief Economist

13th January 2021



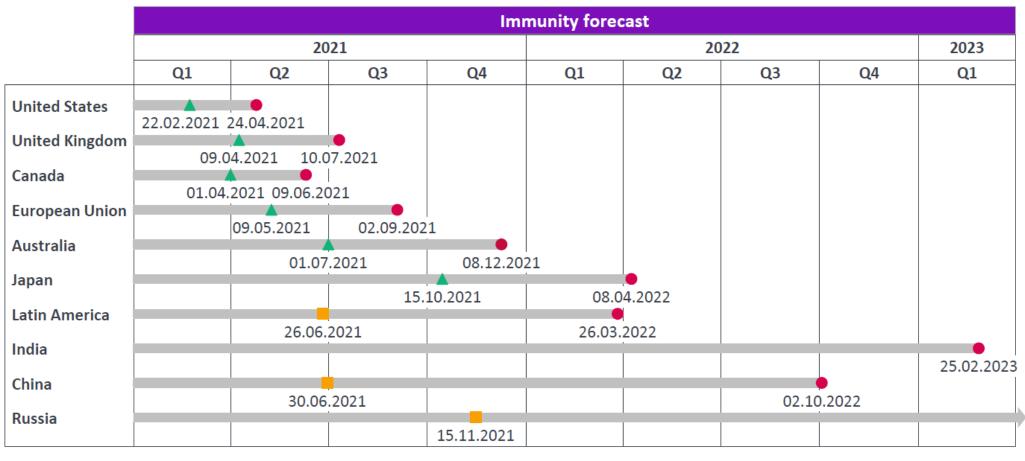
Transition from cash burn to cash generation in sight Vaccine boost to cash flows likely in H2 2021 but challenging first half

Airline industry quarterly cash burn forecast



Source: IATA Economics

Vaccines transform outlook but pace varies by market Developed markets much stronger 2021H2 but slower elsewhere



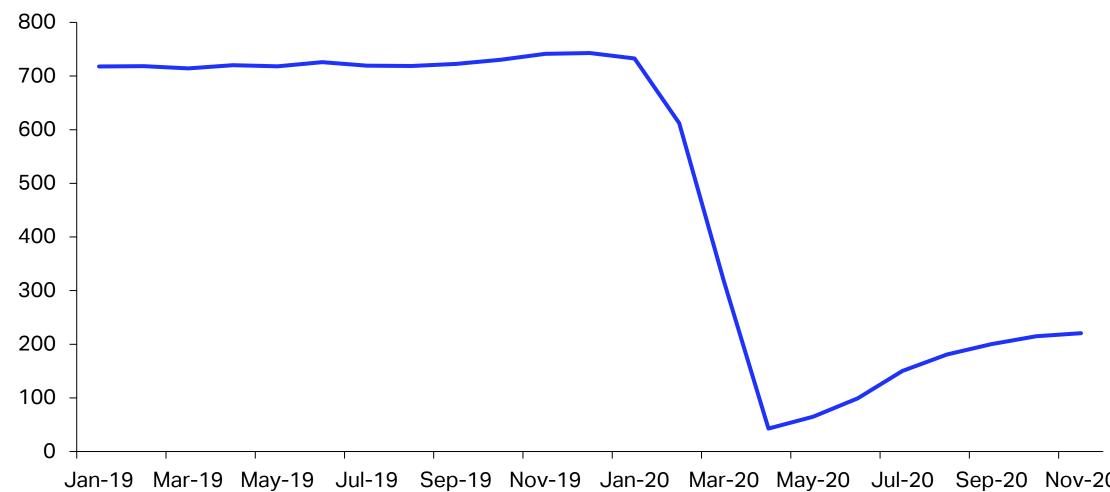






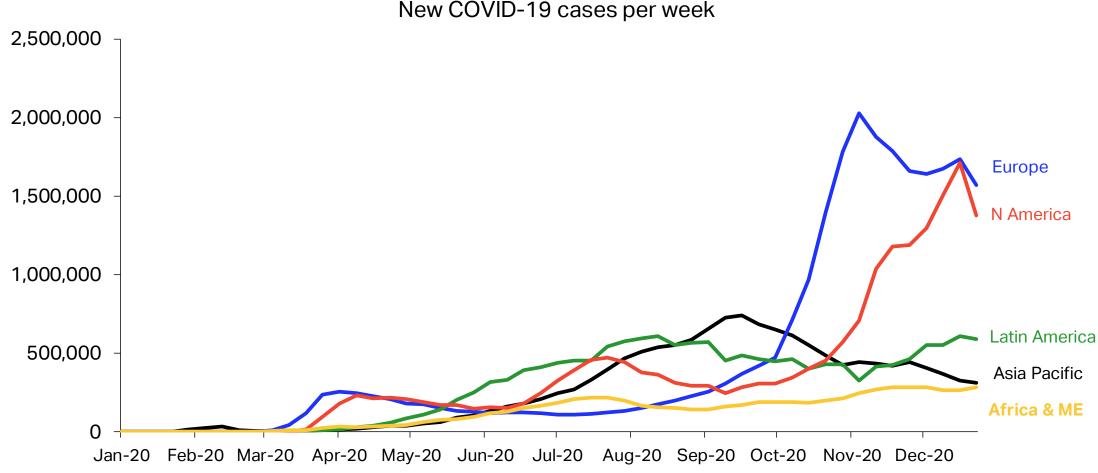
And global air travel in 2021 starts from very low base Global RPKs slowed after summer rise almost to a complete stop

Global RPKs, US\$ billion, seasonally adjusted



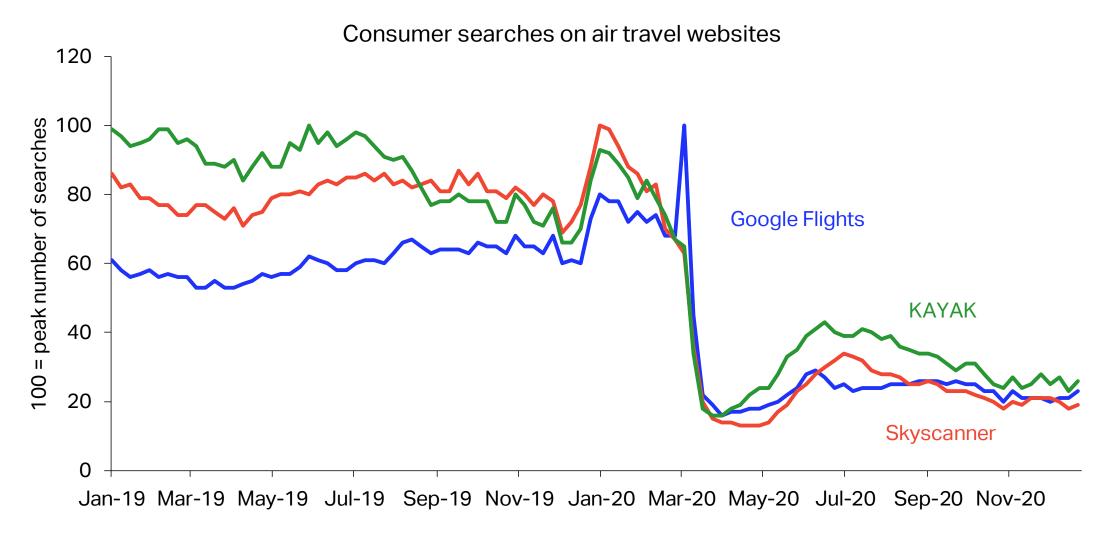
Source: IATA Economics using data from IATA Statistics

2nd and 3rd waves of COVID19 hit Europe and N America Summer travel recovery halted as travel restrictions reimposed





Travel website searches show limited revival so far Despite encouraging vaccine news, consumers are cautious





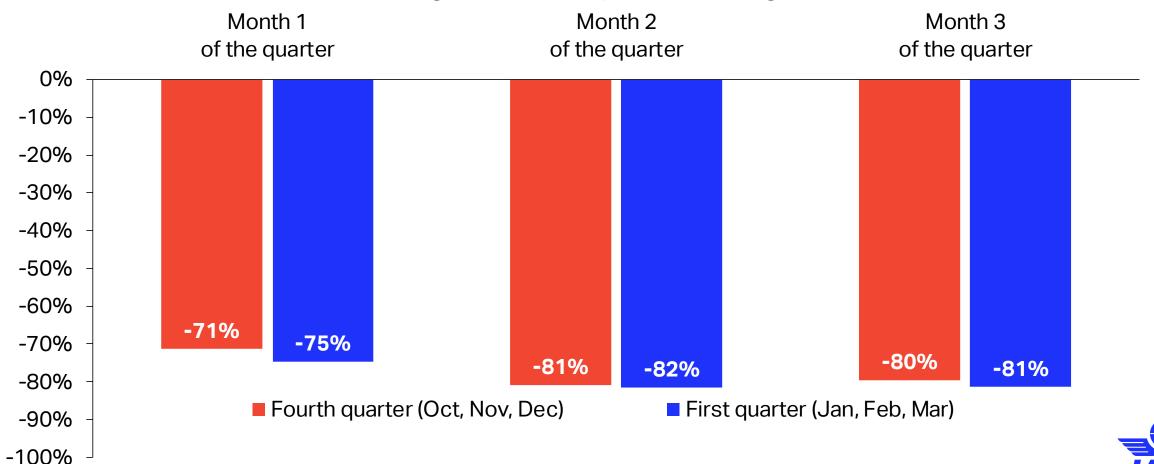
But we know that there is substantial pent-up demand Whenever travel restrictions are eased leisure/VFR demand surges





Bookings indicate a weak Q1, before any vaccine boost Forward bookings down more than 80% year-on-year in February/March

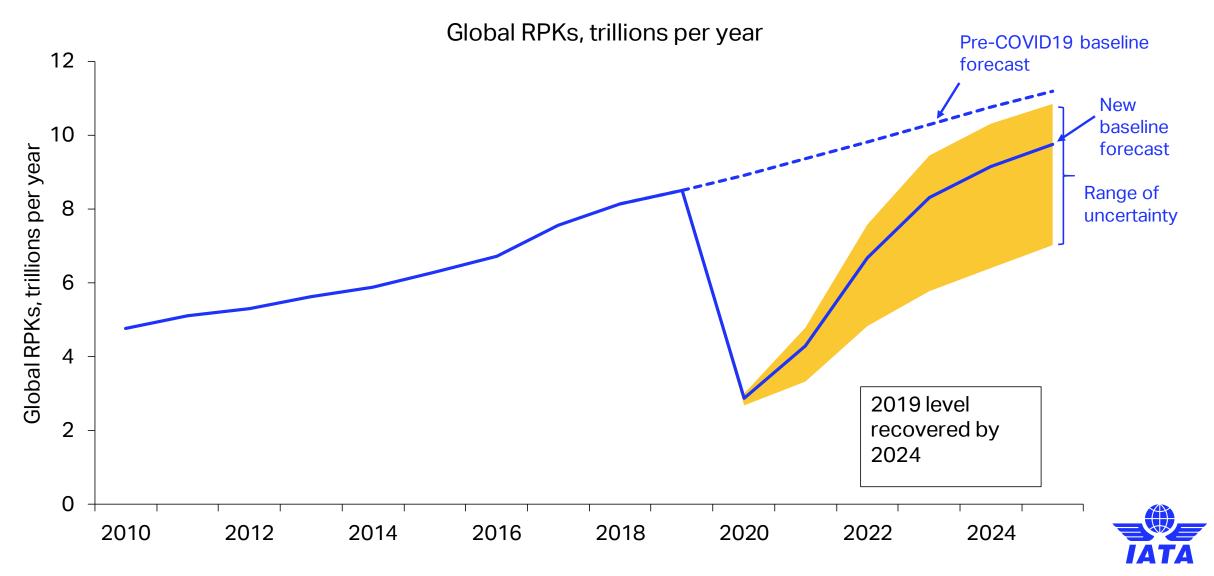
Forward Bookings for the Quarter Ahead (% change vs the same period a year ago)





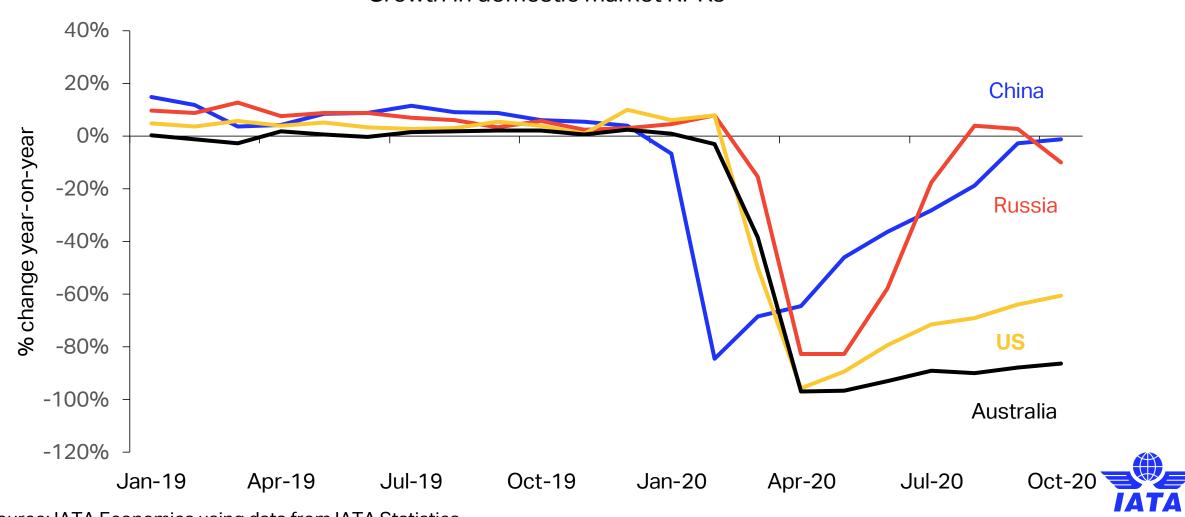
Source: IATA Economics using data from DDS

Strong 2021H2 but weak start depresses 2021 average We expect 2021 RPKs to reach 50% of 2019 levels but end-year stronger



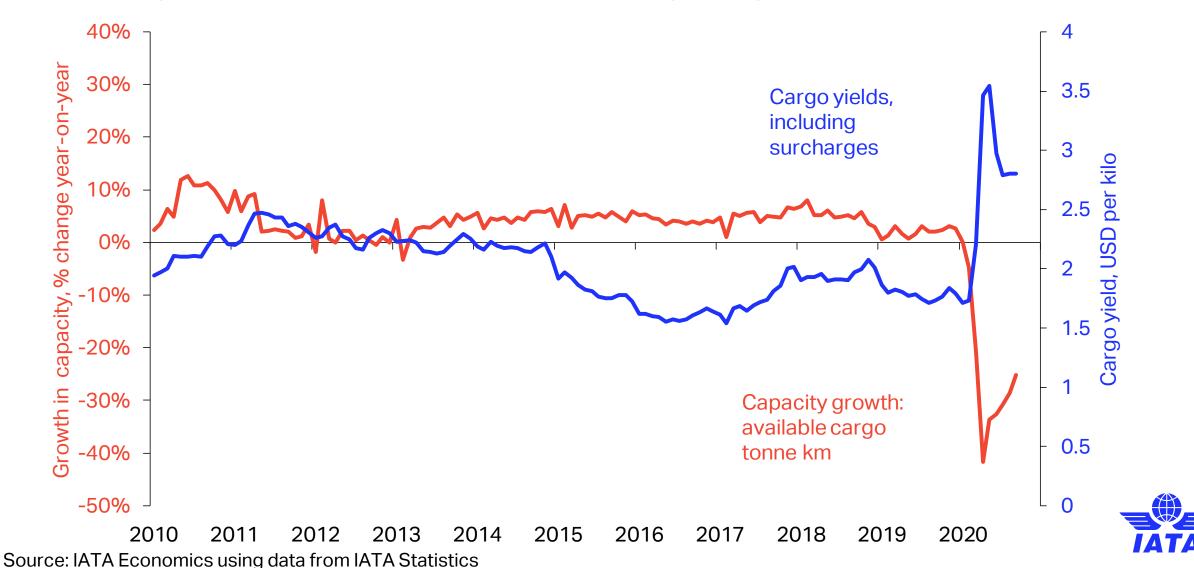
Some with large domestic markets already cash positive China domestic market has fully recovered but other markets lagging



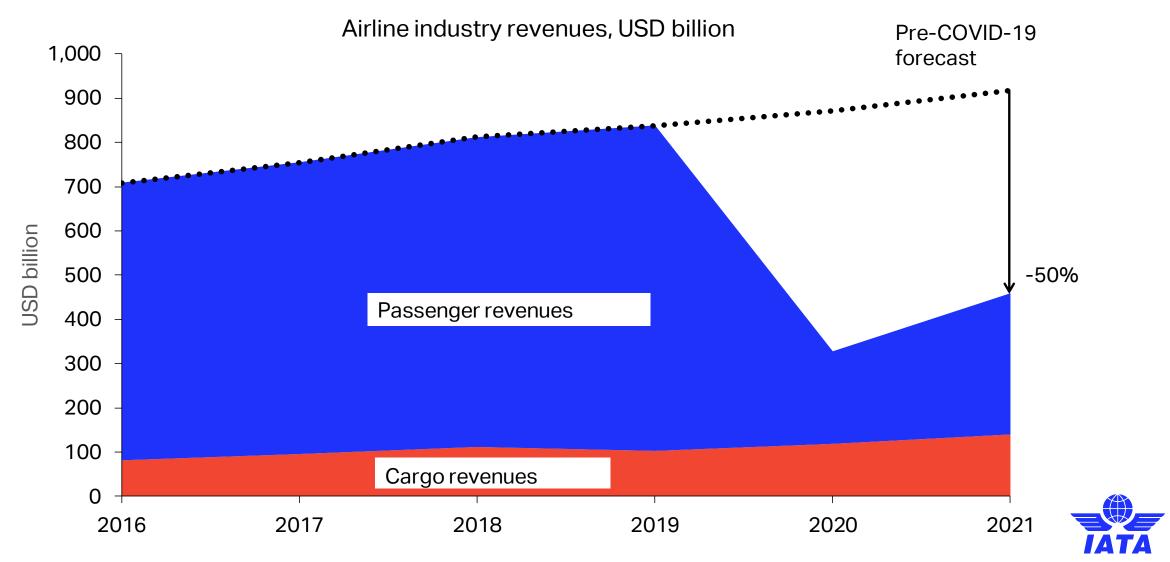


Source: IATA Economics using data from IATA Statistics

And strength in air cargo looks set to continue in 2021 A shortage of capacity has led to strong cargo yields and revenues

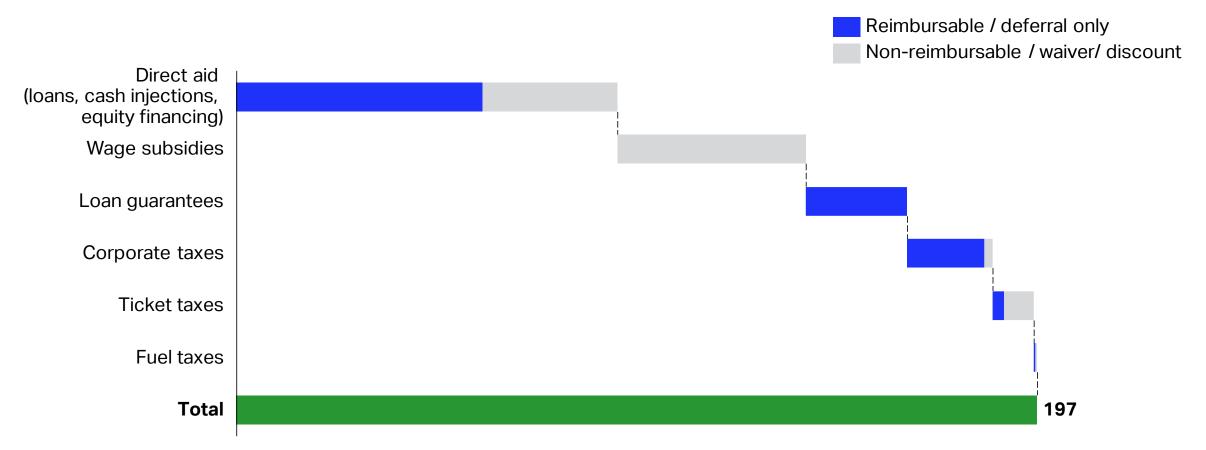


Strong cargo will not offset passenger revenue collapse Despite vaccine-driven traffic recovery ongoing need to shrink costs



Government aid of \$197 billion (mostly) filled cash hole Few airline failures but majority of aid in form of debt

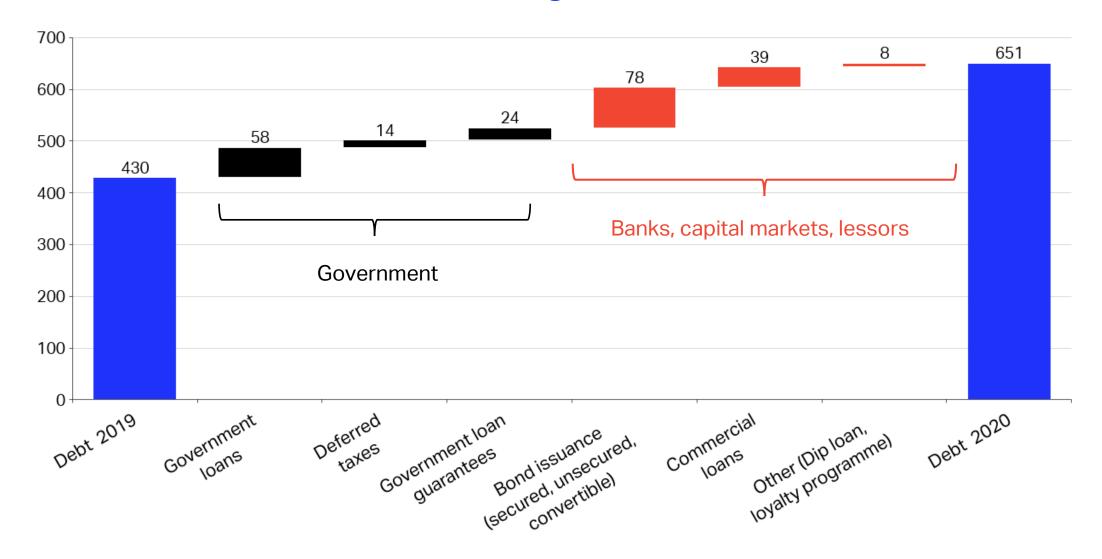
Government aid made available to airlines due to COVID-19, by type (USD bn)



Source: IATA Economics analysis using public information and data from SRS Analyser, DDS, FlightRadar 24, TTBS, ACIC, Platts, Airline Analyst, annual reports



The challenge after survival will be to reduce debt Survival has come at cost of large and unsustainable rise in debt

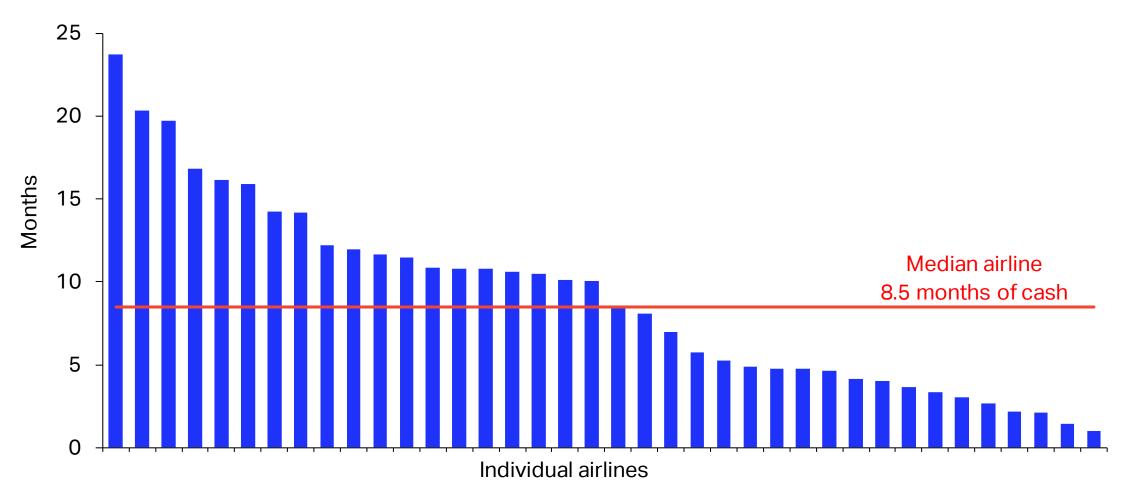




Source: IATA Economics using data from own estimates of Government aid, private debt estimates from Airfinance Journal, November 2020. Debt includes adjustment for operating leases.

Major airlines have substantial cash, but others may not For some airlines cash may run out before vaccine boost to cash in H2

2020 end June cash+cash equivalents/2020 H2 monthly cash burn





Source: IATA Economics using data from the Airline Analyst

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