

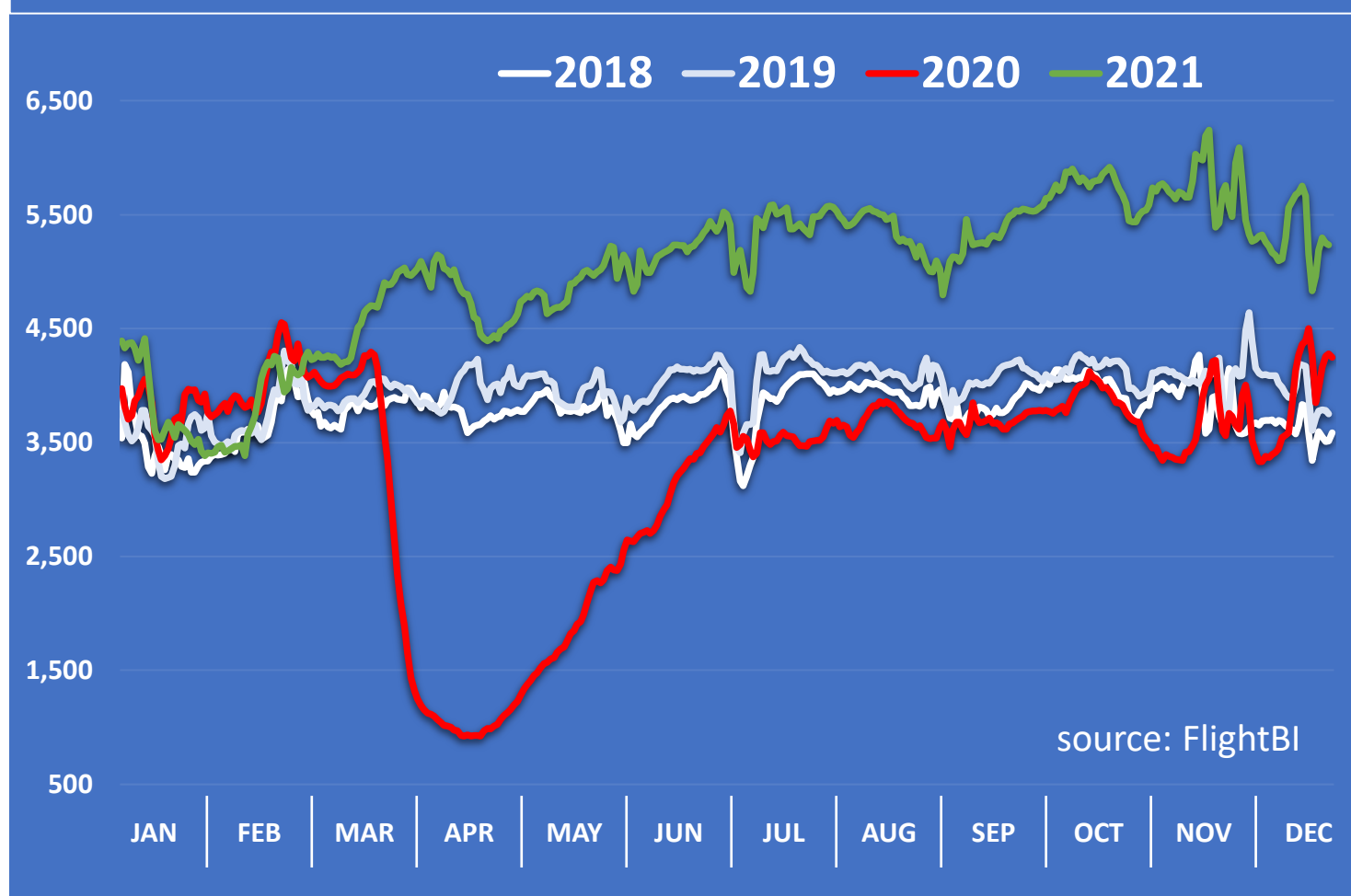
2021 MARKET RECOVERY IN NUMBERS

By Clement Zhang – Managing Director FlightBI LLC

+ 52%
**Total
Traffic
Growth**

In 2021, there were **1,828,569** business aviation flights tracked in, from, and to the US with **2,864,279** flight hours. That is **5,010 flights** every day on average. The number of daily flights grew **26%** from 3,976 flights per day in Pre-Covid 2019.

US Business Aviation Daily Flights



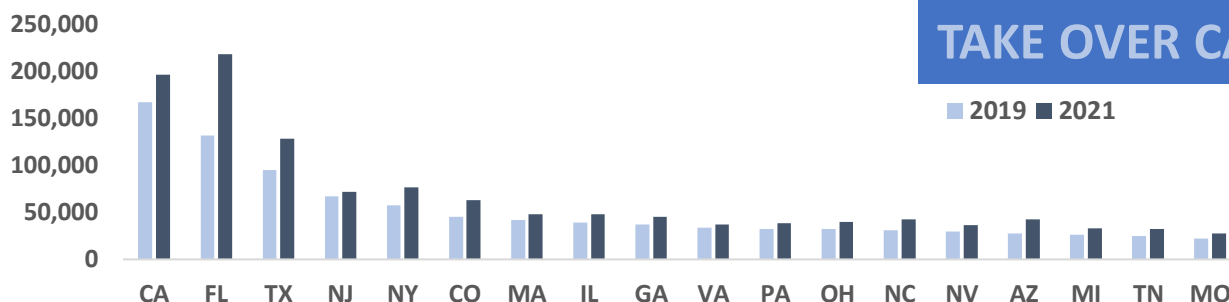
The level of business aviation activities was flat for years in the US. Since the COVID-19 pandemic which first hit in March 2020, business aviation traffic saw a big drop similar to commercial aviation, then it very quickly recovered reaching pre-pandemic levels as early as July 2020 and maintaining this level until spring 2021. From March 2021,

business aviation flights were boosted. After one year, many bizjet first-time flyers had accepted the fact that the pandemic would not go away soon and private flying become part of their regular plans and budget. From then on, the Business Aviation industry is enjoying a historic boom in traffic.

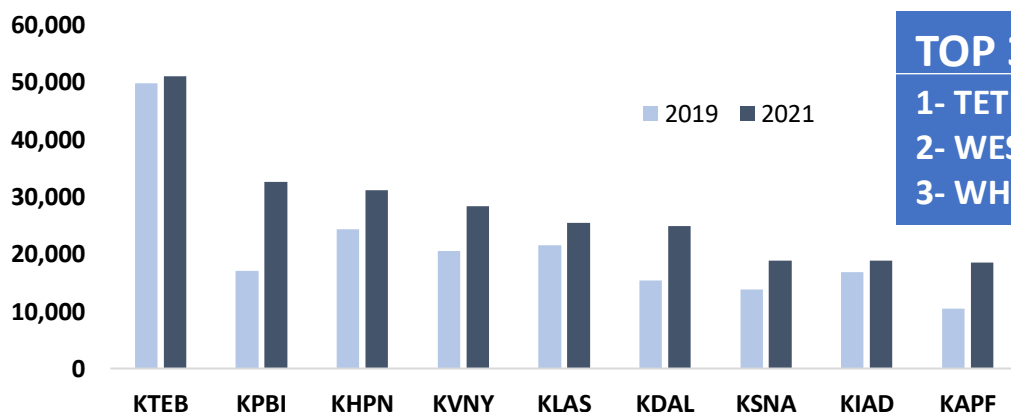
2021

IN NUMBERS

FLORIDA TAKE OVER CALIFORNIA



2021 vs. 2019 Business Aviation Flights by Origin State
(source:FlightBI)



2021 vs. 2019 Business Aviation Flights by Origin Airport
(source:FlightBI)

TOP 3 Business aviation airports

- 1- TETERBORO, NJ - New York
- 2- WEST PALM BEACH, FL - Fort Lauderdale
- 3- WHITE PLAINS, NY - New York

In 2021 all states achieved significant growth. **Florida** however is the largest winner: the number of total flights increased from 131,507 in 2019 to 217,914 in 2021. This amazing **65.7%** growth put Florida ahead of California as the state with the most business aviation flights in the year. **West Palm Beach Airport (KPBI)** in Florida saw a **91%** growth from 2019, making it the second-largest airport in total business aviation flights. **Teterboro Airport (KTEB)** is still number one. But it only gained a modest **2.4%** total flights increase from 2019 to 2021. Another airport serving New York City (**KHPN**) had seen better performance, with a growth rate of **28%** from 2019 to 2021.

WEST PALM BEACH, FL
(Fort Lauderdale)

+91%

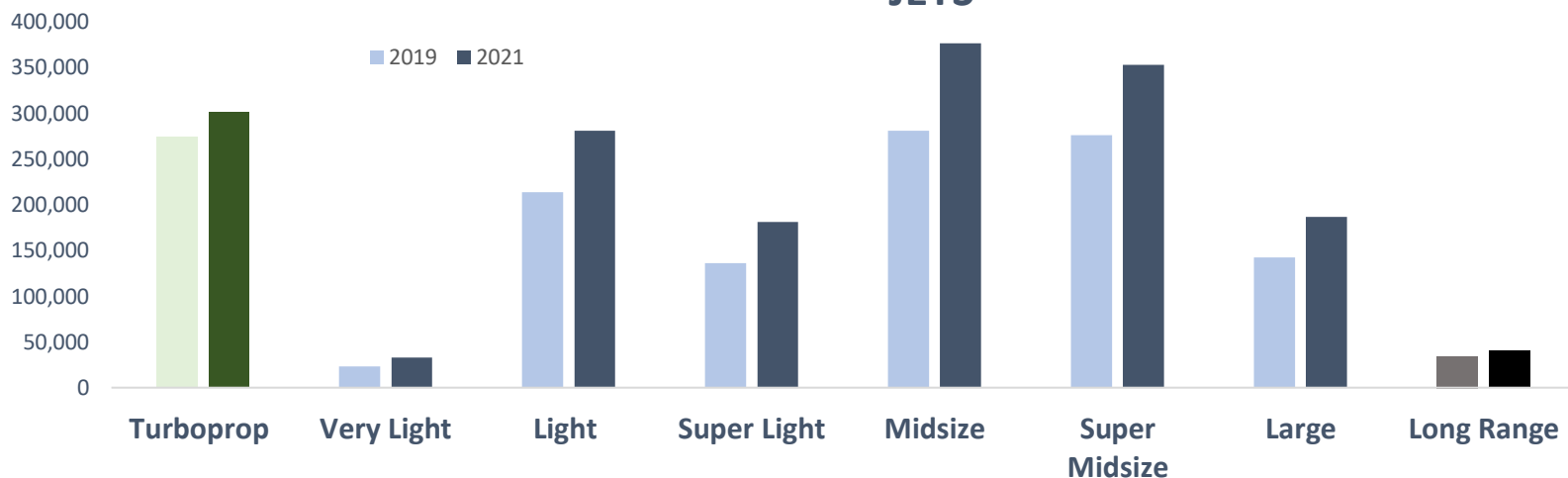
+107%

MIAMI, FL
(Miami)

2021 IN NUMBERS

The number of flights by Light, Medium, and Large jets increased by more than **30%** from normal levels in 2019. The growth by turboprop aircraft is moderate (9.8%) since many turboprop flights operate on regular routes, demand on those routes shared the same misfortune as commercial airlines. The limited growth of Long-Range Jet traffic is directly linked to long-distance international flights restrictions.

JETS



+ 10 %

TURBOPROP

+ 33 %

LIGHT MEDIUM LARGE

+ 18 %

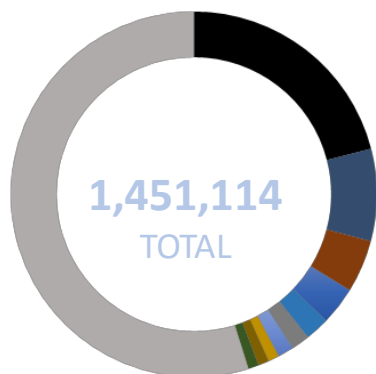
LONG RANGE

The top US market players were able to preserve their market share, with **NetJets** continuing to lead the market with around 1/5 of total traffic. The pandemic situation is also boosting some smaller players, such as **Fly Exclusive** who are in the top 2021 operators list.

2019 MARKET SHARE

(By number of flights)

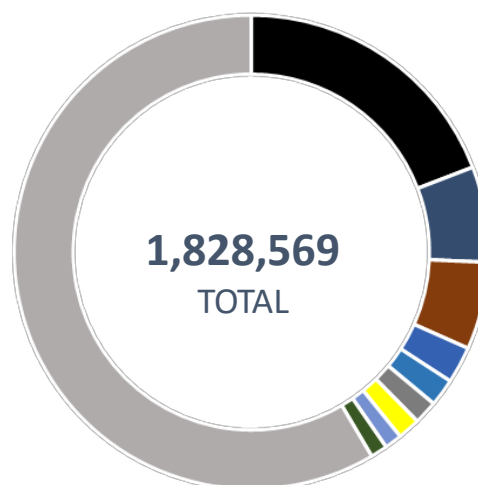
NetJets	21%
Wheels Up	8.1%
Flexjet	4.7%
Vista Global	3.4%
PlaneSense	2.1%
Jet Linx	1.6%
JSX	1.4%
CFM	1.0%
Flight Options	0.9%
Solarus Aviation	0.9%
Others	55%



2021 MARKET SHARE

(By number of flights)

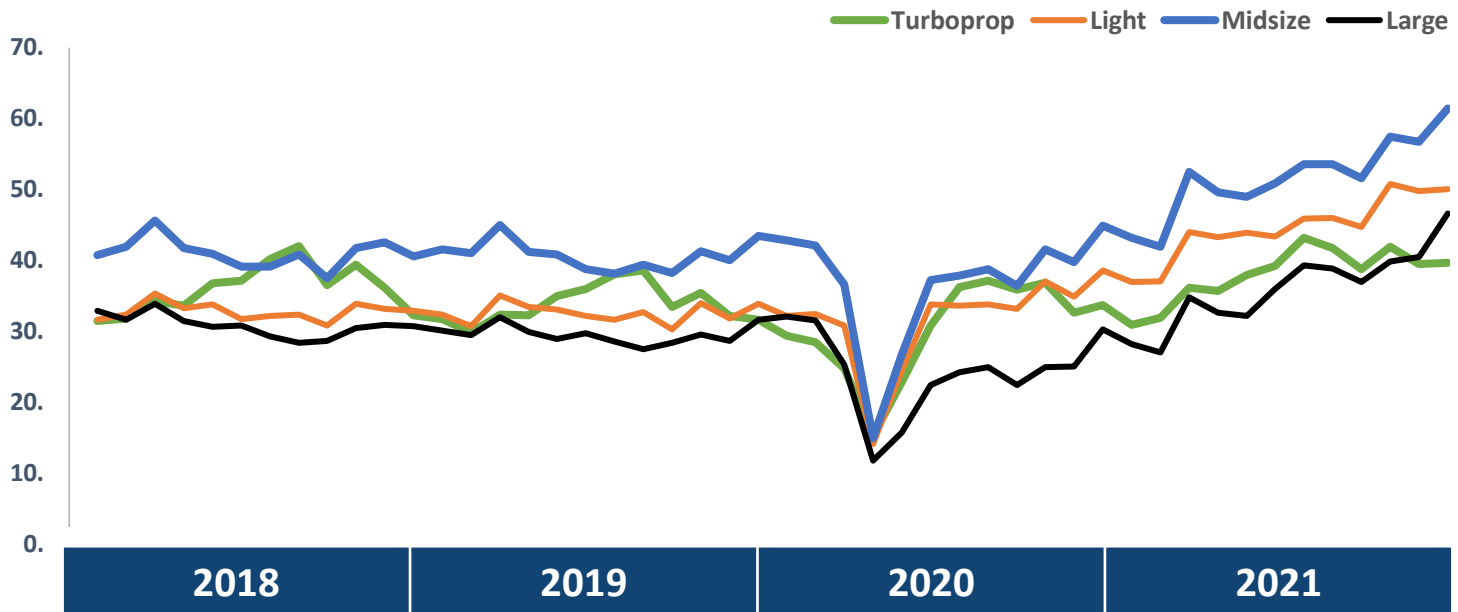
NetJets	19.2%
Wheels Up	6.5%
Flexjet	6.0%
Vista Global	2.5%
PlaneSense	1.9%
Jet Linx	1.6%
Fly Exclusive	1.5%
JSX	1.2%
Solarus Aviation	1.1%
Others	58.5%



2021

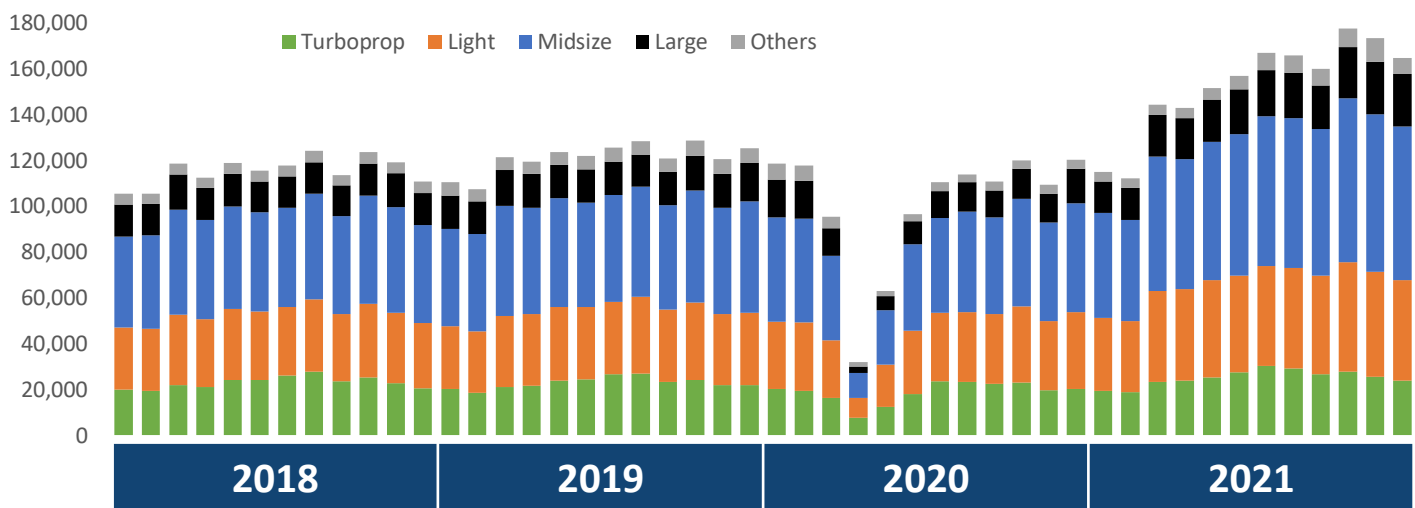
IN NUMBERS

Monthly Usage By Aircraft Category (hrs.)



The utilization of Midsize Jets is always the highest among all business aviation aircraft. In 2021, the overall utilization of **Midsize Jets** grew from about 40 hours per month at the beginning of the year to **60 hours per month** by the end of the year. The utilization of Light Jets and Large Jets also reached a new high level. Only the utilization of Turboprops is relatively flat after it recovered from the first COVID hit.

Monthly Flights by Aircraft Category



2021

IN NUMBERS

There is no doubt, 2021 was a great year for business aviation!

And we think 2022 will be a good year too. If the pandemic lingers around, people will prefer private flying over commercial flights. If the pandemic stops early, some passengers will stay with private flying and some others will increase travel frequency, as there will be fewer interruptions due to infected pilots and staff. All these factors will keep business aviation demand high, at least in 2022.



Flight BI

Flight Business Intelligence

Flight BI is a Business Intelligence (BI) solution provider for the global aviation industry. We build data warehouse products and web applications to help airlines, airports, aircraft manufacturers, and other travel-related businesses make data-driven strategic and operational decisions intuitively.



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