



Reducing Our Impact in the Skies

Since 2005, UPS Airlines has reduced its carbon intensity 13 percent through improved aviation procedures and aircraft enhancements. Our air fleet represents a large portion of our global footprint, so we continually monitor advancements and support innovation to accelerate the development of scalable, lower-carbon aviation fuels.

Through the efforts of the UPS Fuel Analytics and Sustainability Group, here are a few ways we avoided GHG emissions in 2019.

FIRE-RESISTANT CONTAINERS

Enhance safety and weigh less than traditional containers.

GHG Reduced
17,800
Metric Tonnes

APU RUNTIME REDUCTIONS

A new auxiliary power unit (APU) system monitors APU usage for aircraft and provides real-time feedback to reduce APU run time.

GHG Reduced
2,500
Metric Tonnes

DISCRETIONARY FUEL REDUCTIONS

Historical flight plan data enables more accurate fuel requirements, allowing us to grant permission for planes to carry less reserve fuel on international flights, reducing weight and carbon emissions.

GHG Reduced
30,600
Metric Tonnes

“WINGLET” MODIFICATIONS

Reduce drag and increase fuel efficiency by 3.7 percent per flight.

GHG Reduced
81,300
Metric Tonnes

JET ENGINE WASHING

Remove particulate matter accumulated during operations.

GHG Reduced
33,300
Metric Tonnes

Pounds of CO2 per Available Ton Mile (ATM)

	LBS. CO2/ATM (NAUTICAL MILES)	LBS. CO2/ATM (STATUTE MILES)
2005 BASELINE	1.54	1.34
2017	1.40	1.22
2018	1.35	1.17
2019	1.33 (13% REDUCTION)	1.16 (13% REDUCTION)
2020 GOALS	1.24 (20% REDUCTION)	1.08 (20% REDUCTION)

