

# Federal Aviation Administration | Global Leadership Initiative

## Aviation and the Environment

**GLIDE Acronyms & References**

Carbon Emissions  
(Metric Tons CO2)

Aerospace & AJF  
Industries & Partnerships

CO2 Emissions  
vs. Industries & Partnerships

Summary of  
Environmental  
Information



## GLIDE Acronyms & References



**DATA CATEGORIES** Click on a **DATA CATEGORY** to view **RELEVANT** information. Unclick the **DATA CATEGORY** to view **ALL** information.

ATM HARMONIZATION	ENVIRONMENT	FAA ENGAGEMENT	FAA OBLIGATIONS	ICAO INFLUENCE	SAFETY & SECURITY	STATE INFORMATION	TECHNOLOGY TRANSFER
Acronyms List							
14 CFR	Title 14. Code of Federal Regulations ..	2010 Metric Tons CO2 Emissions	Environment	Annual carbon dioxide emissions generated from the operation of civil aviation aircraft, with annual emissions sums reflecting total emissions from all airlines registered within specified states.	Source		
ABIS	Austria, BeNelux, Ireland, Portugal, Sw..				FAA Office of Environment and Energy (AEE)		
ACAC	Arab Civil Aviation Commission				Last Update: Data is from CY2010 and was last checked 3/2020		
AEE	FAA Office of Environment and En..	Adjacent FIR Crossings (#)	ATM Harmonization	The number of air traffic counts across Flight Information Region (FIR) boundaries, shared between foreign states and the U.S.	FAA Office of Air Traffic Organization (ATO) (TFMS)		
AEU	Africa, Europe, Middle East (FAA Region)				Last Update: Data is for CY2018 and was last checked 3/2020		
AFCAC	African Civil Aviation Commission				Last Update: Data is for CY2018 and was last checked 3/2020		
AFI	Africa (ICAO Region)	Advisory Group on Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) (ACG)	Environment	In 2016 the ICAO Council decided that an ad hoc Council Group would be established, composed of Representatives of the Council to serve as an advisory body to the Council on the governance and process it takes in preparation for CORSIA	FAA Office of Environment and Energy (AEE)		
AFS	FAA Office of Aviation Flight Standards Ser..				Last Update: Data was last checked 3/2018		
AGA	Aerodromes (ICAO EI Safety Score)				Last Update: Data is from CY2016 was last checked 3/2020		
AIG	Accident and Incident Investigation (ICAO ..	Aerospace Industry (Environmental Engagement)	Environment	States wherein an industry exists for the research, design, manufacture, operation and maintenance of civil aviation.	FAA Office of Environment and Energy (AEE)		
AIR	FAA Office of Air Certification Service				Last Update: Data is from CY2016 was last checked 3/2020		
AIR (ICAO Safety)	Airworthiness of Aircraft (ICAO EI Saf..				U.S. Department of Commerce (DoC) - International Trade Administration (ITA)		
AIR-40	FAA Office of Air Certification Service ..	Aerospace Suppliers to U.S. (General Imports)	Technology Transfer	Top Twenty Aerospace Suppliers (Providers) to the US reported in dollar value (in millions) and percentage of total aerospace imports for a fiscal year as reported by the U.S. Department of Commerce, Bureau of the Census (Note: Not all countries are fully represented, only the top twenty	U.S. Department of Commerce (DoC) - International Trade Administration (ITA)		
AJF	Alternative Jet Fuel				Last Update: Data is from CY2016 was last checked 3/2020		
ANC	Air Navigation Commission				Last Update: Data is from CY2016 was last checked 3/2020		
ANS	Air Navigation						

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## Carbon Emissions (Metric Tons CO2)



Location of FAA Representative Multiple values

FAA Regions

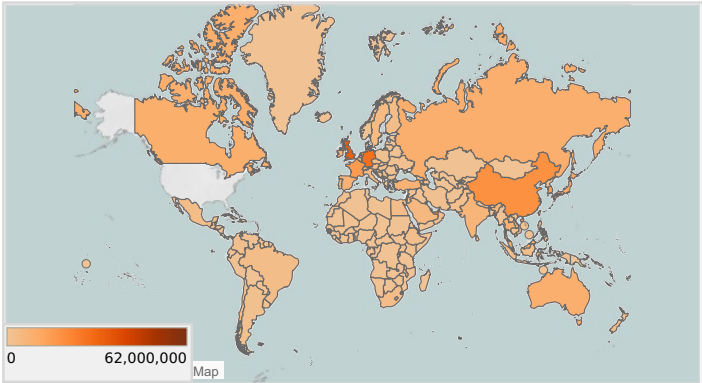
- ☒ -
- ☒ AEU
- ☒ APC
- ☒ AWH

ICAO Regions

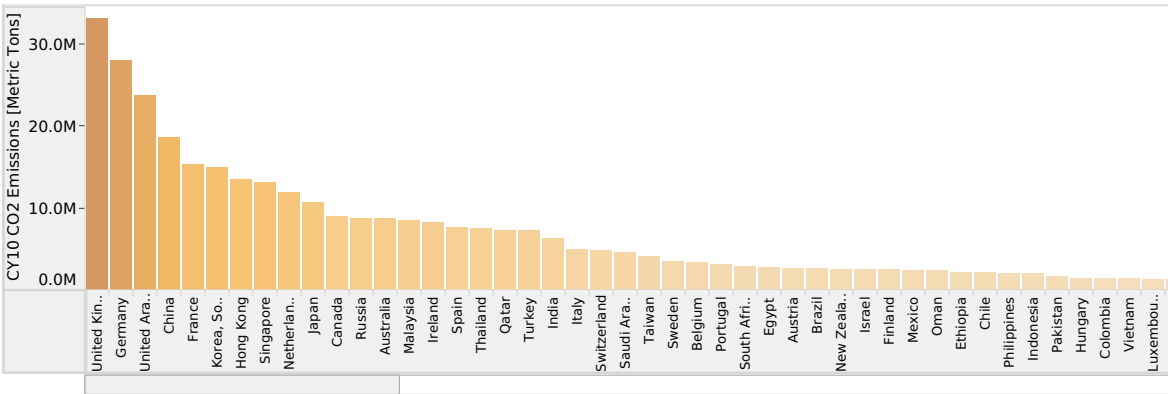
- ☒ -
- ☒ AFI
- ☒ ASIAPAC
- ☒ CARSAM
- ☒ EUR
- ☒ MID
- ☒ NAM
- ☒ NAT

Geographic Regions

- ☒ Africa
- ☒ Asia
- ☒ Caribbean
- ☒ Central America
- ☒ Europe
- ☒ N/A
- ☒ North America
- ☒ Oceania
- ☒ South America



State/Dependency	CY10 CO2 Emissions (Metric Tons)
United Kingdom	33,053,149
Germany	27,998,379
United Arab Emirates	23,776,735
China	18,528,847
France	15,380,581
Korea, South	14,990,401
Hong Kong	13,434,272
Singapore	13,250,325
Netherlands	11,801,465
Japan	10,753,688
Canada	8,956,340
Russia	8,827,522
Australia	8,818,988
Malaysia	8,460,579



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## Aerospace & Alternative Jet Fuel (AJF) Industries & Partnerships



Location of FAA Representative All

FAA Regions

☒ Null

☒ -

☒ AEU

☒ APC

☒ AWH

ICAO Regions

☒ -

☒ AFI

☒ ASIAPAC

☒ CARSAM

☒ EUR

☒ MID

☒ NAM

☒ NAT

Geographic Regions

☒ Africa

☒ Asia

☒ Caribbean

☒ Central America

☒ Europe

☒ N/A

☒ North America

☒ Oceania

☒ South America



Aerospace Industry ONLY	Aerospace Industry, AJF Industry for Developme..	Aerospace Industry, AJF Industry for Developme..	Aerospace Industry, Alternative Jet Fuel Partnership with Other States	Alternative Jet Fuel Partnership with Other States ONLY	No Industry & Partnership
Argentina Austria Azerbaijan Belgium Bermuda Bulgaria Chile Czechia Denmark Greece Hong Kong Hungary India Ireland Israel Italy Korea, South Latvia Malaysia New Zealand Pakistan Philippines Poland Portugal Romania Russia Saudi Arabia ...	Canada China Finland France Japan Netherlan.. Norway Qatar Singapore South Africa Sweden United Arab Emirates	Australia Brazil Germany Mexico Spain United Kingdom	Indonesia	Dominican Republic	Afghanistan Albania Algeria Andorra Angola Anguilla Antigua and Barbuda Armenia Aruba Ashmore and Cartier Islands Bahamas, The Bahrain Bangladesh Barbados Belarus Belize Benin Bhutan Bolivia Bosnia and Herzegovi.. Botswana ...

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### Comparisons Between CO2 Emissions, Industries, & Partnerships



Location of  
FAA Representative  
Multiple values

FAA Regions

- ☒ -
- ☒ AEU
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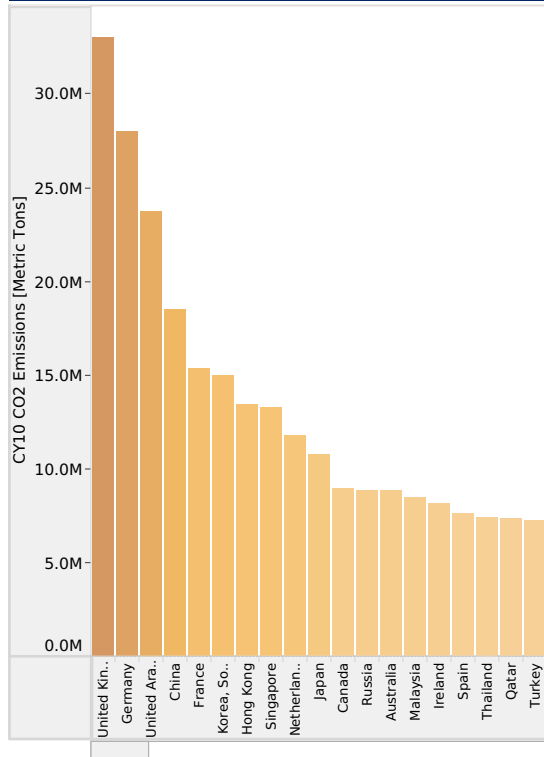
ICAO Regions

- ☒ -
- ☒ AFI
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CY10 Carbon Emissions (Metric Tons CO2)



Industries & Partnerships

Aerospace Industry ONLY	Aerospace Industry, AJF Industry for Developm..	Aerospace Industry, AJF Industry for Developm..	Aerospace Industry, Alternative Jet Fuel Partnership with Other States	Alternative Jet Fuel Partnership with Other States ONLY	No Industry & Partnership
<b>Argentina</b> <b>Austria</b> <b>Azerbaijan</b> <b>Belgium</b> <b>Bermuda</b> <b>Bulgaria</b> <b>Chile</b> <b>Czechia</b> <b>Denmark</b> <b>Greece</b> <b>Hong Kong</b> <b>Hungary</b> <b>India</b> <b>Ireland</b> <b>Israel</b> <b>Italy</b> <b>Korea, South</b> <b>Latvia</b> <b>Malaysia</b> <b>New Zealand</b> <b>Pakistan</b> <b>Philippines</b> <b>Poland</b> <b>Portugal</b> <b>Romania</b>	<b>Canada</b> <b>China</b> <b>Finland</b> <b>France</b> <b>Japan</b> <b>Netherlan..</b> <b>Norway</b> <b>Qatar</b> <b>Singapore</b> <b>South Africa</b> <b>Sweden</b> <b>United Arab Emirates</b>	<b>Australia</b> <b>Brazil</b> <b>Germany</b> <b>Mexico</b> <b>Spain</b> <b>United Kingdom</b>	<b>Indonesia</b>	<b>Dominican Republic</b>	<b>Afghanist..</b> <b>Albania</b> <b>Algeria</b> <b>Andorra</b> <b>Angola</b> <b>Anguilla</b> <b>Antigua and Barbuda</b> <b>Armenia</b> <b>Aruba</b> <b>Ashmore and Cartier Islands</b> <b>Bahamas, The</b> <b>Bahrain</b> <b>Banglade..</b> <b>Barbados</b> <b>Belarus</b> <b>Belize</b> <b>Benin</b> <b>Bhutan</b> <b>Bolivia</b> <b>Bosnia and Herzegov..</b>

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## Summary of Environmental Information



Location of  
FAA Representative  
Multiple values

FAA Regions

- ☒ -
- ☒ AEU
- ☒ APC
- ☒ AWH

ICAO Regions

- ☒ -
- ☒ AFI
- ☒ ASIAPAC
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- ☒ Africa
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- ☒ Caribbean
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- ☒ Europe
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- ☒ Oceania
- ☒ South America

Select One or Multiple States/Dependencies:  
Multiple values

State/Dependency	FAA Region	ICAO Region	Geographic Region	ICAO CAEP Member/Observer	Alternative Jet Fuel Partnership	Alternative Jet Fuel Industry	Aerospace Industry	Advisory Group on Carbon Offsets	CORSIA Participant	CY10 CO2 Emissions (Metric Tons)
Afghanistan	APC	ASIAPAC	Asia	No	No	No	No	No	No	271,886
Albania	AEU	EUR	Europe	No	No	No	No	No	Yes	88,505
Algeria	AEU	EUR	Africa	No	No	No	No	No	No	532,559
Andorra	AEU	-	Europe	No	No	No	No	No	No	0
Angola	AEU	AFI	Africa	No	No	No	No	No	No	398,602
Anguilla	AWH	CARSAM	Caribbean	No	No	No	No	No	No	0
Antigua and Barbuda	AWH	CARSAM	Caribbean	No	No	No	No	No	No	65,481
Argentina	AWH	CARSAM	South America	Yes	No	No	Yes	No	No	1,159,405
Armenia	AEU	EUR	Asia	No	No	No	No	No	Yes	173,883
Aruba	AWH	CARSAM	Caribbean	No	No	No	No	No	No	347
Ashmore and Cartier Islands	-	-	N/A	No	No	No	No	No	No	0
Australia	APC	ASIAPAC	Oceania	Yes	Yes	Yes	Yes	Yes	Yes	8,818,988
Austria	AEU	EUR	Europe	Yes	No	No	Yes	No	Yes	2,622,187
Azerbaijan	AEU	EUR	Asia	No	No	No	Yes	No	Yes	120,617
Bahamas, The	AWH	CARSAM	Caribbean	No	No	No	No	No	No	38,193
Bahrain	AEU	MID	Asia	No	No	No	No	No	No	636,597
Bangladesh	APC	ASIAPAC	Asia	No	No	No	No	No	No	751,588
Barbados	AWH	CARSAM	Caribbean	No	No	No	No	No	No	0
Belarus	AEU	EUR	Europe	No	No	No	No	No	No	195,348
Belgium	AEU	EUR	Europe	No	No	No	Yes	No	Yes	3,369,532
Belize	AWH	CARSAM	Central America	No	No	No	No	No	No	1,857
Benin	AEU	AFI	Africa	No	No	No	No	No	No	0
Bermuda	AWH	NAT	North America	No	No	No	Yes	No	No	0
Bhutan	APC	ASIAPAC	Asia	No	No	No	No	No	No	26,355
Bolivia	AWH	CARSAM	South America	No	No	No	No	No	No	184,319
Bosnia and Herzegovina	AEU	EUR	Europe	No	No	No	No	No	Yes	26,554
Botswana	AEU	AFI	Africa	No	No	No	No	No	Yes	18,377
Bouvet Island	-	-	-	No	No	No	No	No	No	0