



ICAO API Data Fields Catalogue

Montreal, April 2024

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1. ICAO Airport Codes

(DOC7910 Location Indicators)

Parameters

Name	Description
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Terr_code	string	DOC7910 code for the territory of the location
State_Name	string	DOC7910 name of the country
ICAO_Code	string	ICAO 4-letter code of the location
AFTN	string	Whether the location is connected to the AFTN
Location_Name	string	DOC7910 city and location name
Lat	string	Latitude in Degrees, Minutes and Seconds
Long	string	Longitude in Degrees, Minutes and Seconds
Latitude	number	Latitude in Decimal degrees
Longitude	number	Longitude in Decimal degrees
codcoun	string	DOC7910 combined location and country code
IATA_Code	string	IATA 3-letter code of the location, if known

2. Airline Codes

(DOC8585 Operator 3-letter designators)

Parameters

Name	Description
format	Output format for the result may be csv or JSON (default)
api_key	API key for the request
states	ISO 3-letter code of the State
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.
operators	Single ICAO 3-letter Operator Code (DOC8585)

Output

Field	Type	Description
countryName	string	Name of the Country
countryCode	string	ISO 3-Letter Code of the Country
operatorName	string	Name of the operator, searchable
operatorCode	string	ICAO 3-letter code of the operator
telephonyName	string	Short name of the operator

3. Aircraft codes

(DOC8643 Aircraft Type Designators)

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
manufacturer	Code of the manufacturer as per DOC8643
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
manufacturer_code	string	Code of the manufacturer
model_no	string	Model number (if applicable, empty otherwise)
model_name	string	Model name (if applicable, empty otherwise)
model_version	string	Model version (if applicable, empty otherwise)
engine_count	number	Number of engines
engine_type	string	Type of engine, one of Jet(J), Piston(P), Turboprop/Turboshaft(T), Electric(E), Rocket(R) or Unknown(?)
aircraft_desc	string	Aircraft category, one of LandPlane(L), Amphibian(A), Helicopter(H), Gyrocopter(G), Tilt - wing(T), SeaPlane(S) or Unknown(?)
description	string	Short code for the description, concatenation of engine type, engine count and aircraft description (e.g. L2J for LanfPlane 2 Jet engines)
wtc	string	Wake turbulence category of the aircraft, one of M, L, L/M, H or not applicable (-)
tdesig	string	ICAO Type designator code

4. Realtime NOTAMS

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
criticality	If true, provides criticality of the NOTAM as assessed by NORM, the ICAO artificial intelligence for NOTAMS (optional)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.
locations	Single ICAO 4-letter Aerodrome or Airspace /FIR Code (DOC7910)

Output

Field	Type	Description
StateCode	string	ISO 3-Letter code of the State
StateName	string	Name of the State
id	string	ID of the NOTAM
entity	string	First 2 letters of the Q-code, if available
status	string	Last 2 letters of the Q-code, if available
Qcode	string	Q-code of the NOTAM, if available
Area	string	Decoded category first 2 letters of the Q-code
SubArea	string	Decoded category first 2 letters of the Q-code
Condition	string	Decoded sub-area of first 2 letters of the Q-code
Subject	string	Decoded area of last 2 letters of the Q-code
Modifier	string	Decoded sub-area of last 2 letters of the Q-code
message	string	Message part of the NOTAM, if available

Field	Type	Description
startdate	string	Start datetime of the NOTAM
enddate	string	End datetime of the NOTAM, 100 years after start date for permanent (PERM) NOTAMs
all	string	Full NOTAM
location	string	ICAO code of the location the NOTAM applies to
isICAO	string	If the NOTAM is compliant with Doc ABC. If false, no Q-code decoding is available
Created	string	Datetime the NOTAM was created
key	string	Concatenation of ID and Location to form unique id for all NOTAMs
type	string	Location type, either airspace or airport
criticality	number	The criticality level of the NOTAM as assessed by NORM. Criticality is a number between 0 (garbage) and 4 (critical). -1 if not assessed.

5. Stored NOTAMS

Parameters

Name	Description
format	Output format for the result may be csv or JSON (default)
type	Location type, either airspace or airport, both if missing
Qcode	Regular expression for search within the Q-code of the NOTAM (e.g. 'RT??')
locations	Single ICAO 4-letter Aerodrome or Airspace /FIR Code (DOC7910)
qstring	String field JSON Array of array of keywords. First array is OR and second array is AND (e.g. [['ELLX'],['FLPG','QRT']])
api_key	API key for the request
states	ISO 3-letter code of the State
ICAOnly	Whether to return only ICAO Doc ABC compliant NOTAMS (true false), defaults to false
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
StateCode	string	ISO 3-Letter code of the State
StateName	string	Name of the State
id	string	ID of the NOTAM
entity	string	First 2 letters of the Q-code, if available
status	string	Last 2 letters of the Q-code, if available
Qcode	string	Q-code of the NOTAM, if available

Field	Type	Description
Area	string	Decoded category first 2 letters of the Q-code
SubArea	string	Decoded category first 2 letters of the Q-code
Condition	string	Decoded sub-area of first 2 letters of the Q-code
Subject	string	Decoded area of last 2 letters of the Q-code
Modifier	string	Decoded sub-area of last 2 letters of the Q-code
message	string	Message part of the NOTAM, if available
startdate	string	Start datetime of the NOTAM
enddate	string	End datetime of the NOTAM, 100 years after start date for permanent (PERM) NOTAMs
all	string	Full NOTAM
location	string	ICAO code of the location the NOTAM applies to
isICAO	string	If the NOTAM is compliant with Doc ABC. If false, no Q-code decoding is available
Created	string	Datetime the NOTAM was created
key	string	Concatenation of ID and Location to form unique id for all NOTAMs
type	string	Location type, either airspace or airport

6. Accidents

Parameters

Name	Description
StateOfOccurrence	ISO 3-letter code of the State the event occurred
format	Output format for the result may be csv or JSON (default)
StateOfOperator	ISO 3-letter code of the State of the operator of the aircraft, for scheduled commercial flights only
StateOfRegistry	ISO 3-letter code of the State of Registry of the involved aircraft
api_key	API key for the request
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Date	string	Date the event occurred
StateOfOccurrence	string	ISO 3-letter code of the State the event occurred
Location	string	The place where the event occurred
Model	string	The model of the aircraft
Registration	string	The aircraft registration number
Operator	string	The name of the operator
StateOfOperator	string	ISO 3-letter code of the State of the operator
StateOfRegistry	string	ISO 3-letter code of the State of registry of the aircraft
FlightPhase	string	The flight phase during which the event occurred
Class	string	The ICAO classification of the event

Field	Type	Description
Fatalities	string	The number of fatalities
Over2250	boolean	Whether the aircraft is over 2250 kg MTOW
Over5700	boolean	Whether the aircraft is over 5700 kg MTOW
ScheduledCommercial	boolean	Whether the aircraft was operated on a scheduled commercial flight
InjuryLevel	string	The ICAO injury level attached to the event
TypeDesignator	string	The aircraft ICAO type designator
Helicopter	boolean	Whether the aircraft was a helicopter
Airplane	boolean	Whether the aircraft was an airplane
Engines	number	The number of engines
EngineType	number	Type of engine
Official	string	When true, indicates that this event is part of the ICAO official statistics
OccCats	string	List of occurrence categories attached to the event (string field array, if available)
Year	number	The year during which the event occurred

7. Incidents

Parameters

Name	Description
StateOfOccurrence	ISO 3-letter code of the State the event occurred
format	Output format for the result may be csv or JSON (default)
StateOfOperator	ISO 3-letter code of the State of the operator of the aircraft, for scheduled commercial flights only
StateOfRegistry	ISO 3-letter code of the State of Registry of the involved aircraft
api_key	API key for the request
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Date	string	Date the event occurred
StateOfOccurrence	string	ISO 3-letter code of the State the event occurred
Location	string	The place where the event occurred
Model	string	The model of the aircraft
Registration	string	The aircraft registration number
Operator	string	The name of the operator
StateOfOperator	string	ISO 3-letter code of the State of the operator
StateOfRegistry	string	ISO 3-letter code of the State of registry of the aircraft
FlightPhase	string	The flight phase during which the event occurred
Class	string	The ICAO classification of the event

Field	Type	Description
Fatalities	string	The number of fatalities
Over2250	boolean	Whether the aircraft is over 2250 kg MTOW
Over5700	boolean	Whether the aircraft is over 5700 kg MTOW
ScheduledCommercial	boolean	Whether the aircraft was operated on a scheduled commercial flight
InjuryLevel	string	The ICAO injury level attached to the event
TypeDesignator	string	The aircraft ICAO type designator
Helicopter	boolean	Whether the aircraft was a helicopter
Airplane	boolean	Whether the aircraft was an airplane
Engines	number	The number of engines
EngineType	number	Type of engine
Official	string	When true, indicates that this event is part of the ICAO official statistics
Year	number	The year during which the event occurred

8. State Traffic Statistics

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
Year	number	Year the departures occurred
Departures	number	Total scheduled departures
Domestic	number	Domestic scheduled departures
International	number	International scheduled departures
FlagCarrier_Flights	number	Flights carried out by operators from that State

9. Flight Information Regions – Names

Parameters

Name	Description
ANRegion	Air Navigation region, one of AFI, EUR, NAT, CAR, NAM, ASIA, SAM, MID
api_key	API key for the request
states	ISO 3-letter code of the State
firs	ICAO 4-letter code of the Flight Information Region
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
FIRname	string	Name of flight information region
FIRcode	string	4-letter code of the flight information region
region	string	Code of the region

10. Weather conditions

Parameters

Name	Description
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
airport	string	4-letter ICAO code of the airport
airport_name	string	Name of the airport
countryCode	string	UN country code of the airport
datetime	string	Date and time of the latest METAR (ISO time format)
visibility	number	Visibility and ceiling severity condition at the airport (0-10)
wind	number	Wind severity condition at the airport (0-10)
precipitation	number	Precipitation severity condition at the airport (0-10)
freezing	number	Freezing severity condition at the airport (0-10)
dangerous	number	Dangerous phenomena severity condition at the airport (0-10)
VMC_IMC	number	Indicates in the airport is currently in visual (VMC) or instrument (IMC) meteorological conditions
date	string	Date of this METAR (dd-mm-yy)
raw_metar	string	Latest METAR text message

Field	Type	Description
latitude	string	Latitude of the airport
longitude	string	Longitude of the airport

11. Accident Statistics - Aggregated by State of Occurrence

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
Risk	ICAO safety priority risk category, one of RS, CFIT, LOC-I
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Year	number	The year during which the event occurred
Accidents	number	Number of accidents
FatalAccidents	number	Number of fatal accidents
Fatalities	number	Number of fatalities
Departures	number	Number of commercial scheduled departures
AccidentRate	number	Number of accidents per million departures

12. Accident Statistics - Aggregated by State of Operator

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
Risk	ICAO safety priority risk category, one of RS, CFIT, LOC-I
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Year	number	The year during which the event occurred
Accidents	number	Number of accidents
FatalAccidents	number	Number of fatal accidents
Fatalities	number	Number of fatalities
Departures	number	Number of commercial scheduled departures
AccidentRate	number	Number of accidents per million departures

13. Accident Statistics - Flat by State of Occurrence

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
Risk	ICAO safety priority risk category, one of RS, CFIT, LOC-I
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Year	number	The year during which the event occurred
Accidents	number	Number of accidents
FatalAccidents	number	Number of fatal accidents
Fatalities	number	Number of fatalities
Departures	number	Number of commercial scheduled departures
AccidentRate	number	Number of accidents per million departures

14. Accident Statistics - Flat by State of Operator

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
Risk	ICAO safety priority risk category, one of RS, CFIT, LOC-I
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Year	number	The year during which the event occurred
State	string	State of operator, the State where the operator is registered
Accidents	number	Number of accidents
FatalAccidents	number	Number of fatal accidents
Fatalities	number	Number of fatalities
Departures	number	Number of commercial scheduled departures
AccidentRate	number	Number of accidents per million departures

15. Aerodrome Location Indicators

Parameters

Name	Description
state	ISO 3-letter code of the State
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
countryName	string	Name of the Country
countryCode	string	ISO 3-Letter Code of the Country
airportName	string	Name of the airport
cityName	string	Name of the city
latitude	number	Latitude of the airport in decimal format
longitude	number	Longitude of the airport in decimal format
airportCode	string	ICAO 4-letter code of the airport
geometry	string	GEOJSON geometry Point object

16. Aerodrome Statistics

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
Year	number	Year the departures occurred
Departures	number	Total scheduled departures
Int_Departures	number	International scheduled departures
All_Active_Aerodromes	number	Number of Aerodromes with scheduled commercial traffic
Int_Active_Aerodromes	number	Number of Aerodromes with international scheduled commercial traffic

17. Airport COVID-19 NOTAMs

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
countryName	string	Name of the Country
countryCode	string	ISO 3-Letter Code of the Country
airportName	string	Name of the airport, searchable
cityName	string	Name of the city, searchable
airportCode	string	ICAO 4-letter code of the airport
latitude	number	Latitude in Decimal degrees
longitude	number	Longitude in Decimal degrees
NoTraffic	string	Whether the airport has less than one flight per day in the last 7 days (TRUE FALSE)
Closed	string	If the airport has a NOTAM which is Q-code FALC (TRUE FALSE), which means the airport is closed
traffic	string	Traffic data of the reference week, previous week and current week (JSON stringified format)
notams	string	NOTAMS containing COVID or CORONAVIRUS key words for the airport (JSON stringified format)

18. Airport Departure Statistics

Parameters

Name	Description
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
Airport	string	ICAO 4-letter code of the airport
AirportName	string	Name of the airport
Year	number	Year the departures occurred
Departures	number	Total scheduled departures
Domestic	number	Domestic scheduled departures
International	number	International scheduled departures
Connections	number	Total airports served
DomesticConnections	number	Total domestic airports served
InternationalConnections	number	Total international airports served

19. Airport PBN Implementation

Parameters

Name	Description
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
countryName	string	Name of the Country
countryCode	string	ISO 3-Letter Code of the Country
airportName	string	Name of the airport, searchable
cityName	string	Name of the city, searchable
airportCode	string	ICAO 4-letter code of the airport
nb_instr_vg_runways	number	Number of instrument runways with vertical guidance
nb_instr_runways	number	Number of instrument runways
pbn_implementation	number	Percentage of instrument runways with at least one PBN approach (PBN Implementation)
pc_pbn_lnav	number	Percentage of instrument runways with at least one PBN LNAV approach
pc_pbn_lnavvnav	number	Percentage of instrument runways with at least one PBN LNAV/VNAV approach

Field	Type	Description
pc_pbn_lpv	number	Percentage of instrument runways with at least one PBN LPV approach
pc_pbn_rnp_ar	number	Percentage of instrument runways with at least one PBN RNP AR approach
pc_pbn_unknown	number	Percentage of instrument runways with at least one undefined PBN approach
Year	number	Year-end for PBN statistics
State	string	3-Letter code of the State
International	string	Whether the airport is an international aerodrome (true false)

20. Airspace COVID-19 NOTAMs

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
firs	ICAO 4-letter code of the Flight Information Region
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
countryName	string	Name of the Country
countryCode	string	ISO 3-Letter Code of the Country
region	string	ICAO region
FIRname	string	Name of the airspace, searchable
FIRcode	string	ICAO 4-letter code of the airspace
notams	string	NOTAMS containing COVID or CORONAVIRUS key words for the airport (JSON stringified format)

21. ASIAP Prioritization

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
region	ICAO Regional office, one of APAC, MID, EUR/NAT, NACC, SAM, WACAF, ESAF
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
iso_2_code	string	2-letter ISO code of the State
iso_3_code	string	3-letter ISO code of the State
latitude	number	Latitude of the centroid of the State
longitude	number	centroid of the State
UN_numerical_code	string	UN numerical code of the State
UN_region	string	UN region the State is attached to
UN_state_name	string	UN State name
UN_state_name_html	string	UN State name without accents for website integration
ro	string	ICAO regional office the State is accredited to
wgi_year	number	Year the WGI data related to
gdp	number	GDP, PPP (current international \$)
gdp_pcapita	number	GDP per capita, PPP (constant 2011 international \$)
corruption	number	Control of Corruption, WGI Project, range [-2.5,2.5]

Field	Type	Description
stability	number	Political Stability and Absence of Violence, WGI Project, range [-2.5,2.5]
operations_ei	number	Average effective implementation (%) for OPS, PEL and AIR areas.
support_ei	number	Average effective implementation (%) for LEG, ORG and AIG areas.
airnavigation_ei	number	Average effective implementation (%) for AGA and ANS areas.
operations_margin	number	Margin of effective implementation (%) for operations functions with respect the World average, weighted by flag-carrier flights.
support_margin	number	Margin of effective implementation (%) for support functions with respect the World average, weighted by departures.
airnavigation_margin	number	Margin of effective implementation (%) for air navigation functions with respect the World average, weighted by departures.
isSSC	boolean	Indicates whether the State has a Significant Safety Concern (SSC)
SSC_area	string	If the State has a Significant Safety Concern (SSC), the area it falls under.

22. CAAHR

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
iso_2_code	string	2-letter ISO code of the State
iso_3_code	string	3-letter ISO code of the State
latitude	number	Latitude of the centroid of the State
longitude	number	centroid of the State
UN_numerical_code	string	UN numerical code of the State
UN_region	string	UN region the State is attached to
UN_state_name	string	UN State name
UN_state_name_html	string	UN State name without accents for website integration
ro	string	ICAO regional office the State is accredited to
aeroplane_CAT_ops	number	Aeroplane CAT operators
aeroplane_used_CAT	number	Aeroplanes used for CAT
approved_maintenance	number	Approved Maintenance Organizations (SUM)
ifr_aerodromes	number	Number of IFR Aerodromes
atc_training_org	number	Number of ATC Training Organizations (Local)

Field	Type	Description
atc_licenses	number	Number of ATC licenses
fto	number	Number of Flight Training Organizations (SUM)
mto	number	Number of Maintenance Training Organizations (SUM)
private_licenses	number	Number of Private pilot licenses
professional_licenses	number	Number of Professional flight crew licenses
maintenance_licenses	number	Number of Aircraft maintenance licenses
total_air	number	Total in AIR
total_aga	number	Total in AGA
total_ans	number	Total in ANS
total_pel	number	Total in PEL
total_ops	number	Total in OPS
isOriginalSurvey	boolean	If the response is part of the original survey conducted

23. Connections

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State_A	string	ISO 3-Letter code of the State A
Name_A	string	Name of the State A
State_B	string	ISO 3-Letter code of the State B
Name_B	string	Name of the State B
Year	number	Year the flights occurred
Flights	number	Total number of annual scheduled connections between State A and State B
State_A_Carrier_Flights	number	Total number of annual scheduled connections between State A and State B flown by a carrier from State A
State_B_Carrier_Flights	number	Total number of annual scheduled connections between State A and State B flown by a carrier from State B
Other_State_Carrier_Flights	number	Total number of annual scheduled connections between State A and State B flown by a carrier neither from State A nor from State B

24. Economic and Governance Indicators

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
Year	number	Year the data related to
gdp	number	GDP, PPP (current international \$)
GDP_growth_pc	number	GDP growth (annual %)
GDP_pcapita	number	GDP per capita, PPP (constant 2011 international \$)
corruption_wgi	number	Control of Corruption, WGI Project, range [-2.5,2.5]
effectiveness_wgi	number	Government Effectiveness, WGI Project, range [-2.5,2.5]
stability_wgi	number	Political Stability and Absence of Violence, WGI Project, range [2.5,2.5]

Field	Type	Description
law_wgi	number	Rule of Law, WGI Project, range [-2.5,2.5]
quality_wgi	number	Regulatory Quality, WGI Project, range [-2.5,2.5]
voice_wgi	number	Voice and Accountability, WGI Project, range [-2.5,2.5]

25. Effective Implementation statistics on SSP Foundation

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Name	string	Name of the State
State	string	3-letter code of the State
OverallSSPFoundation	number	Overall SSP foundation score
OverallCapCompleted	number	Percentage of SSP foundation PQs for which the corrective action plan was completed
OverallValidated	number	Percentage of SSP foundation PQs which were validated through USOAP CMA
Accident and incident investigation	number	SSP Foundation Score in the area of Accident and incident investigation
Delegation	number	SSP Foundation Score in the area of Delegation
Enforcement	number	SSP Foundation Score in the area of Enforcement
Exemptions	number	SSP Foundation Score in the area of Exemptions

Field	Type	Description
Hazard identification and safety risk assessment	number	SSP Foundation Score in the area of Hazard identification and safety risk assessment
Licensing, certification, authorization and approval obligations	number	SSP Foundation Score in the area of Licensing, certification, authorization and approval obligations
Management of safety risks	number	SSP Foundation Score in the area of Management of safety risks
Primary aviation legislation	number	SSP Foundation Score in the area of Primary aviation legislation
Qualified technical personnel	number	SSP Foundation Score in the area of Qualified technical personnel
Resources	number	SSP Foundation Score in the area of Resources
Specific operating regulations	number	SSP Foundation Score in the area of Specific operating regulations
State Authorities	number	SSP Foundation Score in the area of State Authorities
State Organizational Structure	number	SSP Foundation Score in the area of State Organizational Structure
State functions	number	SSP Foundation Score in the area of State functions
State safety promotion	number	SSP Foundation Score in the area of State safety promotion
Surveillance obligations	number	SSP Foundation Score in the area of Surveillance obligations
Technical guidance, tools and provision of safety-critical information	number	SSP Foundation Score in the area of technical guidance, tools and provision of safety-critical information

26. Enhanced USOAP Progress by State

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
preview	If true, returns also the results which are preliminary (optional)
latest	If true, returns only the latest record (optional)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Activity	string	Type of USOAP activity conducted
Overall	number	Overall effective implementation (%) after the mission
State	string	ISO 3-letter code of the State
Year	number	Year the mission was conducted
Progress	number	Difference of the EI versus the last full audit EI
prev_audit_year	number	Year of the last preceding audit
prev_audit_ei	number	Overall effective implementation after the last preceding audit
statename	string	Name of the State
RO	string	Accredited ICAO Regional Office
sscs	number	The number of significant safety concerns for the State
status	string	Indicates if the results are final or preliminary

27. Flight Information Regions and Elevation - Find by Location

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
places	GEOJSON coordinate object or a comma separated list of a maximum of 10 of such objects e.g. [-120,50] or [-120,50],[100,-30]
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
FIRname	string	Name of flight information region
FIRcode	string	4-letter code of the flight information region
region	string	Code of the region
latitude	number	Latitude in decimals of the provided location
longitude	number	Longitude in decimals pf the provided location
elevation	number	Elevation in meters of the provided location (Source NOAA GLOBE DEM,-500 means ocean/sea)

28. ICAO Member States

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
RO	ICAO Regional office, one of APAC, MID, EUR/NAT, NACC, SAM, WACAF, ESAF
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
iso_2_code	string	2-letter ISO code of the State
iso_3_code	string	3-letter ISO code of the State
latitude	number	Latitude of the centroid of the State
longitude	number	Longitude of the centroid of the State
UN_numerical_code	string	UN numerical code of the State
UN_region	string	UN region the State is attached
UN_state_name	string	UN State name
UN_state_name_html	string	UN State name without accents for website integration
ICAO_regional_office	string	ICAO regional office the State is accredited

29. International Aerodromes

Parameters

Name	Description
format	Output format for the result may be csv or JSON (default)
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
api_key	API key for the request
states	ISO 3-letter code of the State
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
countryName	string	Name of the Country
countryCode	string	ISO 3-Letter Code of the Country
airportName	string	Name of the airport, searchable
cityName	string	Name of the city, searchable
latitude	number	Latitude of the airport in decimal format
longitude	number	Longitude of the airport in decimal format
airportCode	string	ICAO 4-letter code of the airport
geometry	string	GEOJSON geometry Point object

30. International Airport Safety Characteristics

Parameters

Name	Description
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
countryName	string	Name of the Country
countryCode	string	ISO 3-Letter Code of the Country
airportName	string	Name of the airport, searchable
cityName	string	Name of the city, searchable
airportCode	string	ICAO 4-letter code of the airport
airnavigation_ei	number	Average effective implementation (%) for AGA and ANS areas, [0%,100%]
airnavigation_margin	number	Margin of effective implementation (%) for air navigation functions with respect the World average, weighted by departures.
hasFullInstrumentVG	string	Whether the airport offers vertical guidance to all its instrument runway ends (true false)

Field	Type	Description
hasInstrumentVG	string	Whether the airport offers vertical guidance to at least one of its instrument runway ends (true false)
hasInstrument	string	Whether the airport has at least one instrument runway end (true false)
IMC	number	Percent of time the airport is in instrument meteorological conditions, reference made to 2015
elevation	number	Elevation in meters of the provided location (Source NOAA GLOBE DEM, -500 means ocean/sea)
TerrainAbove300m	string	Percentage of terrain raising more than 300 meters above the airport level in a radius of 20NM (true false)
TerrainAbove600m	string	Percentage of terrain raising more than 600 meters above the airport level in a radius of 20NM (true false)
TerrainAbove900m	string	Percentage of terrain raising more than 600 meters above the airport level in a radius of 20NM (true false)
hasIntersectingRWYs	string	Whether the airport has intersecting runways (true false)

31. IOSA Registered Airlines

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.
operators	Single ICAO 3-letter Operator Code (DOC8585)

Output

Field	Type	Description
countryName	string	Name of the Country
countryCode	string	ISO 3-Letter Code of the Country
operatorName	string	Name of the operator, searchable
operatorCode	string	ICAO 3-letter code of the operator
Update	string	Date-time the data was last updated from the IATA source

32. List of SSP Foundation Protocol Questions (SSPPQs)

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
question	string	The expression of the protocol question
PQ	string	The number of the protocol question
Prereq_Subject_Area	string	The subject area the question is related to
_id	string	A unique identifier

33. Manufacturer List

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
manufacturer	Code of the manufacturer as per DOC8643
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
manufacturer_code	string	Code of the aircraft manufacturer
types	number	Number of types listed in ICAO DOC8643 under that manufacturer

34. METAR Provider Locations

Parameters

Name	Description
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
latitude	number	Latitude in decimals of the provided location
longitude	number	Longitude in decimals of the provided location
countryCode	string	Code of the State
is_international	string	Indicates if the aerodrome is international or not (true/false)
countryName	string	Name of the State

35. NOTAM Criticality

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
notam	NOTAM body message text or pipe-separated () list of up to 10 such texts
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
notam	string	Message body text of the NOTAM
criticality	number	The criticality level of the NOTAM as assessed by NORM. Criticality is a number between 0 (garbage) and 4 (critical)

36. NOTAM Decoder

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
notam	NOTAM body message text or pipe-separated () list of up to 10 such texts
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
notam	string	Message body text of the NOTAM
qcode	string	The 4-letter Q-code (ICAO Doc-8400) of the notam as assessed by NORM
meaning	string	A sentence built using the decoding and which describes the NOTAM
area	string	The area covered by the NOTAM. Second and third letters of the Q-code as per Doc8400
area_signification	string	The signification of the second and third letters of the Q-code as per Doc8400
subarea	string	The sub-area covered by the NOTAM. Second and third letters of the Q-code as per Doc8400
condition	string	The condition title as per 4th and 5th letters of the Q-code as per Doc8400
condition_signification	string	The signification of the 4th and 5th letters of the Q-code as per Doc8400

37. Official Accidents

Parameters

Name	Description
StateOfOccurrence	ISO 3-letter code of the State the event occurred
format	Output format for the result may be csv or JSON (default)
StateOfOperator	ISO 3-letter code of the State of the operator of the aircraft, for scheduled commercial flights only
StateOfRegistry	ISO 3-letter code of the State of Registry of the involved aircraft
api_key	API key for the request
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Date	string	Date the event occurred
StateOfOccurrence	string	ISO 3-letter code of the State the event occurred
Location	string	The place where the event occurred
Model	string	The model of the aircraft
Registration	string	The aircraft registration number
Operator	string	The name of the operator
StateOfOperator	string	ISO 3-letter code of the State of the operator
StateOfRegistry	string	ISO 3-letter code of the State of registry of the aircraft
FlightPhase	string	The flightphase during which the event occurred

Field	Type	Description
Class	string	The ICAO classification of the event
Fatalities	number	The number of fatalities
Over2250	boolean	Whether the aircraft is over 2250 kg MTOW
Over5700	boolean	Whether the aircraft is over 5700 kg MTOW
ScheduledCommercial	boolean	Whether the aircraft was operated on a scheduled commercial flight
InjuryLevel	string	The ICAO injury level attached to the event
TypeDesignator	string	The aircraft ICAO type designator
Helicopter	boolean	Whether the aircraft was a helicopter
Airplane	boolean	Whether the aircraft was an airplane
Engines	number	The number of engines
EngineType	number	Type of engine
Official	string	When true, indicates that this event is part of the ICAO official statistics
OccCats	string	List of occurrence categories attached to the event (stringified array, if available)
Year	number	The year during which the event occurred

38. Operational Aerodrome Information

Parameters

Name	Description
airports	Single ICAO 4-letter Aerodrome Code (DOC7910)
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
FIRname	string	Name of flight information region
FIRcode	string	4-letter code of the flight information region
region	string	Code of the region
latitude	number	Latitude in decimals of the provided location
longitude	number	Longitude in decimals of the provided location
elevation	number	Elevation in meters of the provided location (Source NOAA GLOBE DEM, -500 means ocean/sea)
proc_runways	number	Number of runway ends which have official approach procedures defined
countryCode	string	Code of the State
iatacode	string	IATA code of the airport, if available
is_international	string	Indicates if the aerodrome is international or not (true/false)
countryName	string	Name of the State

39. Operator Risk Profile

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.
operators	Single ICAO 3-letter Operator Code (DOC8585)

Output

Field	Type	Description
countryName	string	Name of the Country
countryCode	string	ISO 3-Letter Code of the Country
operatorName	string	Name of the operator, searchable
operatorCode	number	ICAO 3-letter code of the operator
av_fleet_age	number	Average fleet age in years
aircraft	number	Number of aircraft
models	number	Number of aircraft models
aircraft_over_25y	number	Number of aircraft which have over 25 years
routes	number	Number of route flown (airport pairs)
annual_flights	number	Number of flights in 2016
annual_international_flights	number	Number of international flights in 2016

Field	Type	Description
is_iosa_certified	string	If the operator is IOSA certified (true false)
is_international	string	If the operator has international flights (true false)
accidents_5y	string	Number of accidents in the last 5 years

40. Operator Statistics

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
Year	number	Year the departures occurred
Flights	number	Total scheduled flights
Int_Flights	number	International scheduled flights
All_Active_Operators	number	Number of operators with scheduled commercial flights
Int_Active_Operators	number	Number of operators with international scheduled commercial flights

41. OPS Documentation Bundle

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
docnumber	The number of the document or annex
lang	Language of the document, may be one of the following: en,ar,zh,ru,es,fr
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.
doctype	Type of document, must be either 'Annex' or 'Doc'

Output

Field	Type	Description
type	string	Type of SARP, Annex of Doc
number	string	Document or Annex number
format	string	File format of the document
name	string	Full name of the document
part	string	If applicable, the part number of the document
title	string	The short title of the document
available_languages	string	List of available languages for that document
language	string	Language of the selected document
is_consolidated	boolean	Whether the document is a consolidated version
file_url	string	Link to the file. This is only available for subscribed users

42. PBN Global Goals – Aggregated

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Year	number	Year-end for PBN statistics
instr_states	number	Number of States in selection with at least one international instrument runway (instrument States)
over_0	number	Number of instrument States with at least one PBN runway
over_30	number	Number of instrument States with at least 30% of PBN Runways
over_70	number	Number of instrument States with at least 70% of PBN runways
fully_implemented	number	Number of instrument States with 100% of PBN runways
over_0_pc	number	Percentage of instrument States with at least one PBN Runway
over_30_pc	number	Percentage of instrument States with at least 30% of PBN Runways
over_70_pc	number	Percentage of instrument States with at least 70% of PBN Runways
fully_implemented_pc	number	Percentage of instrument States with 100% of PBN Runways

43.PBN Implementation – Aggregated

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
nb_instr_runways	number	Number of international instrument runways in selected States
pbn_implementation	number	Percentage of international instrument runways in selected States with at least one PBN approach (PBN Implementation)
pc_pbn_lnav	number	Percentage of international instrument runways in selected States with at least one PBN LNAV approach
pc_pbn_lnavvnav	number	Percentage of international instrument runways in selected States with at least one PBN LNAV/VNAV approach
pc_pbn_lpv	number	Percentage of international instrument runways in selected States with at least one PBN LPV approach
pc_pbn_rnpar	number	Percentage of international instrument runways in selected States with at least one PBN RNP PAR approach
pc_pbn_unknown	number	Percentage of international instrument runways in selected States with at least one undefined PBN approach
Year	number	Year-end for PBN statistics

44. PBN Implementation – Flat

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
nb_instr_runways	number	Number of international instrument runways in selected States
pbn_implementation	number	Percentage of international instrument runways in selected States with at least one PBN approach (PBN Implementation)
pc_pbn_lnav	number	Percentage of international instrument runways in selected States with at least one PBN LNAV approach
pc_pbn_lnavvnav	number	Percentage of international instrument runways in selected States with at least one PBN LNAV/VNAV approach
pc_pbn_lpv	number	Percentage of international instrument runways in selected States with at least one PBN LPV approach
pc_pbn_rnpar	number	Percentage of international instrument runways in selected States with at least one PBN RNP PAR approach
pc_pbn_unknown	number	Percentage of international instrument runways in selected States with at least one undefined PBN approach
Year	number	Year-end for PBN statistics
State	string	3-Letter code of the State

45. Safety Partner Programs

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
IOSA_operators	number	Number of IOSA certified operators
Is_FAA_CAT2	boolean	Whether the country is FAA IASA Cat2 (true/false)
Has_EU_Restrictions	boolean	Whether some operators from the country have operational restrictions within the European Union (true/false)
FAA_Update	string	Release date of the FAA IASA data
EU_Update	string	Release date of the EU Safety List data

46. Safety related Occurrences

Parameters

Name	Description
StateOfOccurrence	ISO 3-letter code of the State the event occurred
format	Output format for the result may be csv or JSON (default)
StateOfOperator	ISO 3-letter code of the State of the operator of the aircraft, for scheduled commercial flights only
StateOfRegistry	ISO 3-letter code of the State of Registry of the involved aircraft
api_key	API key for the request
Year	Year the data is related to
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Date	string	Date the event occurred
StateOfOccurrence	string	ISO 3-letter code of the State the event occurred
Location	string	The place where the event occurred
Model	string	The model of the aircraft
Registration	string	The aircraft registration number
Operator	string	The name of the operator
StateOfOperator	string	ISO 3-letter code of the State of the operator
StateOfRegistry	string	ISO 3-letter code of the State of registry of the aircraft
FlightPhase	string	The flight phase during which the event occurred

Field	Type	Description
Class	string	The ICAO classification of the event
Fatalities	number	The number of fatalities
Over2250	boolean	Whether the aircraft is over 2250 kg MTOW
Over5700	boolean	Whether the aircraft is over 5700 kg MTOW
ScheduledCommercial	boolean	Whether the aircraft was operated on a scheduled commercial flight
InjuryLevel	string	The ICAO injury level attached to the event
TypeDesignator	string	The aircraft ICAO type designator
Helicopter	boolean	Whether the aircraft was a helicopter
Airplane	boolean	Whether the aircraft was an airplane
Engines	number	The number of engines
EngineType	number	Type of engine
Official	string	When true, indicates that this event is part of the ICAO official statistics
OccCats	string	List of occurrence categories attached to the event (stringified array, if available)
Year	number	The year during which the event occurred

47. Safety related Occurrences - MongoDB query

Parameters

Name	Description
api_key	API key for the request
format	Output format for the result may be csv or JSON (default)
querystring	MongoDB-style query string (Find) on output fields
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Date	string	Date the event occurred
StateOfOccurrence	string	ISO 3-letter code of the State the event occurred
Location	string	The place where the event occurred
Model	string	The model of the aircraft
Registration	string	The aircraft registration number
Operator	string	The name of the operator
StateOfOperator	string	ISO 3-letter code of the State of the operator
StateOfRegistry	string	ISO 3-letter code of the State of registry of the aircraft
FlightPhase	string	The flight phase during which the event occurred
Class	string	The ICAO classification of the event
Fatalities	number	The number of fatalities

Field	Type	Description
Over2250	boolean	Whether the aircraft is over 2250 kg MTOW
Over5700	boolean	Whether the aircraft is over 5700 kg MTOW
ScheduledCommercial	boolean	Whether the aircraft was operated on a scheduled commercial flight
InjuryLevel	string	The ICAO injury level attached to the event
TypeDesignator	string	The aircraft ICAO type designator
Helicopter	boolean	Whether the aircraft was a helicopter
Airplane	boolean	Whether the aircraft was an airplane
Engines	number	The number of engines
EngineType	number	Type of engine
Official	string	When true, indicates that this event is part of the ICAO official statistics
OccCats	string	List of occurrence categories attached to the event (stringified array, if available)
Year	number	The year during which the event occurred

48. Significant Safety Concerns (SSCs)

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
year	number	The year during which the SSC was raised
Area	string	The USOAP audit area concerned by the SSC

49. State of Registries

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
RO	ICAO Regional office, one of APAC, MID, EUR/NAT, NACC, SAM, WACAF, ESAF
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
iso_2_code	string	2-letter ISO code of the State
iso_3_code	string	3-letter ISO code of the State
latitude	number	Latitude of the centroid of the State
longitude	number	Longitude of the centroid of the State
UN_numerical_code	string	UN numerical code of the State
UN_region	string	UN region the State is attached to
UN_state_name	string	UN State name
UN_state_name_html	string	UN State name without accents for website integration
ICAO_regional_office	string	ICAO regional office the State is accredited to

50.State Safety Briefing (SSB)

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
Generated	string	Date the report was generated
file	string	URL of the PDF report

51. State Safety Margins

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
operations_ei	number	Average effective implementation (%) for OPS, PEL and AIR areas.
support_ei	number	Average effective implementation (%) for LEG, ORG and areas AIG areas.
airnavigation_ei	number	Average effective implementation (%) for AGA and ANS areas.
departures	number	Previous year's total annual scheduled commercial departures from the State.
flagcarrier_flights	number	Previous year's total annual scheduled commercial flights operated by carriers from the State.
operations_margin	number	Margin of effective implementation (%) for operations functions with respect the World average, weighted by flag-carrier flights.
support_margin	number	Margin of effective implementation (%) for support functions with respect the World average, weighted by departures.
airnavigation_margin	number	Margin of effective implementation (%) for air navigation functions with respect the World average, weighted by departures.

52. USOAP Activities by State over time

Parameters

Name	Description
format	Output format for the result may be csv or JSON (default)
timeline	Can be 'past' or 'future', to show only records before or after the current date, will return everything if omitted
api_key	API key for the request
states	ISO 3-letter code of the State
preview	If true, returns also the results which are preliminary (optional)
latest	If true, returns only the latest record (optional)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Date	string	Date the activity was accomplished (ISO format)
isFinal	string	Whether the activity is closed and final results available (true/false). If false, all EI results are set to null
Activity	string	Type of CMA activity conducted
ActivityPhase	string	Status of the activity
Year	number	Year the activity was accomplished
overall	number	Overall implementation score (%) effective
ei_year	number	Year last USOAP mission was conducted
leg	number	Effective Implementation score (%) in the area of legislation

Field	Type	Description
org	number	Effective Implementation score (%) in the area of organization
pel	number	Effective Implementation score (%) in the area of licensing
ops	number	Effective Implementation score (%) in the area of operations
air	number	Effective Implementation score (%) in the area of airworthiness
aig	number	Effective Implementation score (%) in the area of accident investigation
ans	number	Effective Implementation score (%) in the area of air navigation services
aga	number	Effective Implementation score (%) in the area of Aerodromes and ground aids
ce1	number	Effective Implementation score (%) of Primary aviation legislation (CE-1)
ce2	number	Effective Implementation score (%) of Specific operating regulations (CE-2)
ce3	number	Effective Implementation score (%) of State civil aviation system and safety oversight functions (CE-3)
ce4	number	Effective Implementation score (%) of Technical personnel qualifications and training (CE-4)
ce5	number	Effective Implementation score (%) of Technical guidance, tools and provision of safety-critical information (CE-5)
ce6	number	Effective Implementation score (%) of Licensing, certification, authorization and/or approval obligations (CE-6)
ce7	number	Effective implementation score (%) of Surveillance obligations (CE-7)
ce8	number	Effective Implementation score (%) of Resolution of safety concerns (CE-8)

53. USOAP EI by State

Parameters

Name	Description
state	ISO 3-letter code of the State
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
Name	string	Name of the State
overall	number	Overall implementation score (%) effective
ei_year	number	Year last USOAP mission was conducted
leg	number	Effective Implementation score (%) in the area of legislation
org	number	Effective Implementation score (%) in the area of organization
pel	number	Effective Implementation score (%) in the area of licensing
ops	number	Effective Implementation score (%) in the area of operations
air	number	Effective Implementation score (%) in the area of airworthiness
aig	number	Effective Implementation score (%) in the area of accident investigation

Field	Type	Description
ans	number	Effective Implementation score (%) in the area of air navigation services
aga	number	Effective Implementation score (%) in the area of Aerodromes and ground aids
ce1	number	Effective Implementation score (%) of Primary aviation legislation (CE-1)
ce2	number	Effective Implementation score (%) of Specific operating regulations (CE-2)
ce3	number	Effective Implementation score (%) of State civil aviation system and safety oversight functions (CE-3)
ce4	number	Effective Implementation score (%) of Technical personnel qualifications and training (CE-4)
ce5	number	Effective Implementation score (%) of Technical guidance, tools and provision of safety-critical information (CE-5)
ce6	number	Effective Implementation score (%) of Licensing, certification, authorization and/or approval obligations (CE-6)
ce7	number	Effective implementation score (%) of Surveillance obligations (CE-7)
ce8	number	Effective Implementation score (%) of Resolution of safety concerns (CE-8)

54. USOAP EI by State by year – Aggregated

Parameters

Name	Description
api_key	API key for the request
states	ISO 3-letter code of the State
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
State	string	ISO 3-Letter code of the State
states_above_60	number	Percentage of States in the group which have an overall EI above 60% (GASP target)
overall	number	Overall implementation score (%) effective
year	number	Year the data refers to. Scores are as of 31 December of that year.
leg	number	Effective Implementation score (%) in the area of legislation
org	number	Effective Implementation score (%) in the area of organization
pel	number	Effective Implementation score (%) in the area of licensing
ops	number	Effective Implementation score (%) in the area of operations
air	number	Effective Implementation score (%) in the area of airworthiness

Field	Type	Description
aig	number	Effective Implementation score (%) in the area of accident investigation
ans	number	Effective Implementation score (%) in the area of air navigation services
aga	number	Effective Implementation score (%) in the area of Aerodromes and ground aids
ce1	number	Effective Implementation score (%) of Primary aviation legislation (CE-1)
ce2	number	Effective Implementation score (%) of Specific operating regulations (CE-2)
ce3	number	Effective Implementation score (%) of State civil aviation system and safety oversight functions (CE-3)
ce4	number	Effective Implementation score (%) of Technical personnel qualifications and training (CE-4)
ce5	number	Effective Implementation score (%) of Technical guidance, tools and provision of safety-critical information (CE-5)
ce6	number	Effective Implementation score (%) of Licensing, certification, authorization and/or approval obligations (CE-6)
ce7	number	Effective implementation score (%) of Surveillance obligations (CE-7)
ce8	number	Effective Implementation score (%) of Resolution of safety concerns (CE-8)

55. USOAP Progress by State

Parameters

Name	Description
api_key	API key for the request
state	ISO 3-letter code of the State.
format	Output format for the result may be csv or JSON (default)
callback	If set, specifies JSONP as return format (for website integrations only). If format is different from JSON, data will be encapsulated in an object. Optional.

Output

Field	Type	Description
Activity	string	Type of USOAP activity conducted
overall	number	Overall implementation score (%) effective
State	string	ISO 3-Letter code of the State
year	number	Year the data refers to. Scores are as of 31 December of that year.
Progress	number	Difference of the EI versus the last full audit EI
prev_audit_year	number	Year of the last preceding audit
prev_audit_ei	number	Overall effective implementation after the last preceding audit
Name	string	Name of the State
RO	string	Accredited ICAO Regional Office