

2024

11

Mobility and
transport

Neuchâtel 2025

Swiss civil aviation 2024



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Table of contents

1	Aviation infrastructure	4
2	Aircraft	6
3	Companies and employment	8
4	Aircraft movements	10
5	Passengers	14
6	Energy consumption and emissions	20
7	Accidents	22

1 Aviation infrastructure

Civil aerodromes: overview 2024

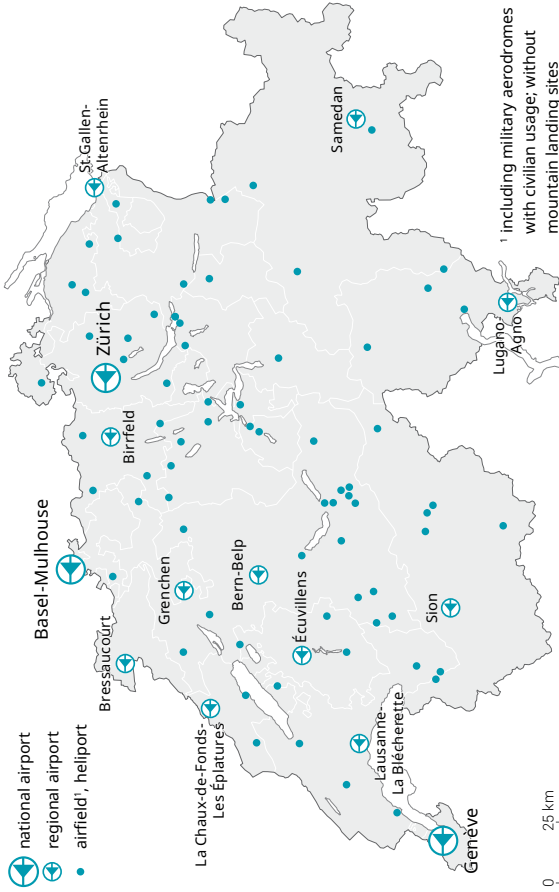
T1

	Foundation Year	Longest runway Metres	Paved runways (concrete/ asphalt) Number	Instrument Flight Rules (IFR) Procedures (yes/no)
Total airports and airfields with paved runways			38	
Total national airports			6	
Zurich	1948	3 700	3	yes
Geneva	1922	3 900	1	yes
Basel-Mulhouse	1946	3 900	2	yes
Total regional airports			11	
Bern-Belp	1929	1 730	1	yes
Lugano-Agno	1947	1 415	1	yes
Sion	1935	2 000	1	yes
St.Gallen-Altenrhein	1926	1 455	1	yes
Birrfeld	1937	718	1	no
Bressaucourt	2011	800	1	no
Écuvillens	1953	800	1	no
Grenchen	1931	1 000	1	yes
La Chaux-de-Fonds- Les Éplatures	1912	1 090	1	yes
Lausanne- La Blécherette	1910	875	1	no
Samedan	1937	1 840	1	no
Total airfields with paved runways			21	

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

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Civil aerodromes, 2024



Data as on: 13.05.2025

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

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2 Aircraft

Registered aircraft in Switzerland

T.2.1

	1990	2000	2010	2019	2023	2024
Total aircraft	3 653	4 048	3 705	3 211	3 140	3 113
Total aeroplanes	1 952	2 014	1 913	1 730	1 699	1 690
< 2 250 kg MTOM	...	1 572	1 413	1 324	1 317	1 309
2 250–5 700 kg MTOM	...	157	197	146	128	128
> 5 700 kg MTOM	...	285	303	260	254	253
Helicopters	199	254	327	345	365	361
Gliders	1 035	1 024	824	579	514	499
Powered gliders	131	246	251	241	241	241
Airships	1	6	9	8	7	7
Free balloons	335	504	381	308	314	315

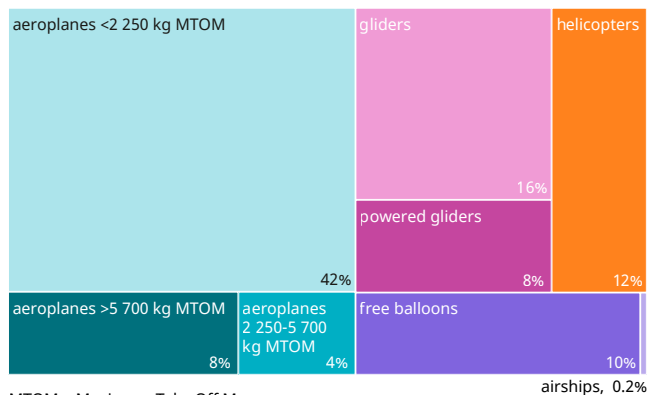
MTOM = Maximum Take Off Mass

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

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Breakdown of registered aircraft in Switzerland, 2024

Total: 3 113 aircraft



MTOM = Maximum Take Off Mass

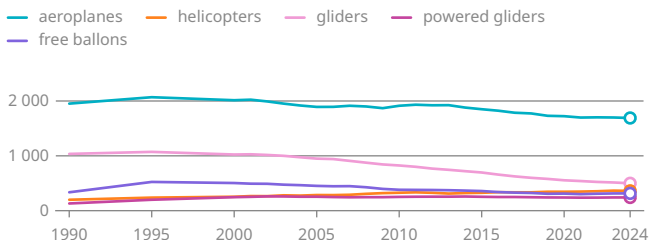
Data as on: 31.12.2024

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

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Registered aircraft in Switzerland



Data as on: 31.12.2024

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

gr-e-11.03.02-lv-immat

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3 Companies and employment

Swiss aviation companies

T3.1

	1990	2000	2010	2019	2023	2024
Total companies	340	420	322	252	260	259
Companies with scheduled traffic	4	5	9	5	5	5
Other companies with commercial traffic	120	172	81	38	36	36
Maintenance companies	83	94	90	80	82	82
Flying schools	133	149	142	129	137	136

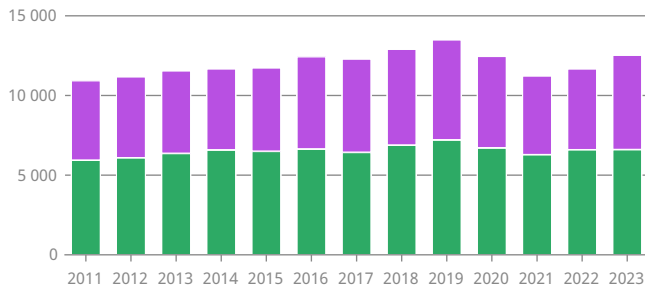
Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

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Jobs in aviation by gender

Number of jobs

■ men ■ women



Data as on: 21.08.2025

Source: FSO – Structural business statistics (STATENT)

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Flight personnel

Licence holders

T3.2

	1990	2000	2010	2019	2023	2024
Private pilots	8 179	6 792	5 581	4 422	4 354	4 263
Commercial pilots	1 526	1 421	952	1 096	1 039	1 129
Airline transport pilots	886	2 223	2 266	2 508	2 531	2 250
Multi-Crew pilots	0	0	46	22	17	19
Helicopter pilots ¹	779	1 036	1 168	1 072	1 172	1 139
Glider pilots ²	3 188	3 145	2 617	1 761	2 411	1 724
Free balloon pilots ²	360	449	340	211	199	160
Validations ³	443	420	8	7	2	3
Flight engineers	217	14	2	0	0	0
Radio navigators	89	30	10	3	0	0

¹ including Air Transport Pilot Licence ATPL (H)

² From 2024 onward, EASA licences and instructor ratings without expiry date are listed only if the holder has a valid medical certificate

³ recognition of foreign licences (Validation)

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

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4 Aircraft movements

Aircraft movements: scheduled and charter traffic

Takeoffs and landings

T4.1

	1990	2000	2010	2019	2023	2024
Total airports	335 777	537 813	416 111	469 667	409 444	438 592
Total national airports	312 712	509 584	404 921	465 030	407 018	436 342
Zurich	172 471	291 044	227 815	243 115	213 909	229 562
Geneva	91 481	118 950	123 173	145 527	129 767	137 765
Basel-Mulhouse ¹	48 760	99 590	53 933	76 388	63 342	69 015
Total regional airports	23 065	28 229	11 190	4 637	2 426	2 250
Bern-Belp	6 677	12 489	3 486	326	657	527
Lugano-Agno	16 304	12 017	5 479	2 107	46	0
Sion	84	530	92	129	457	405
St.Gallen-Altenrhein	0	3 193	2 133	2 075	1 266	1 318

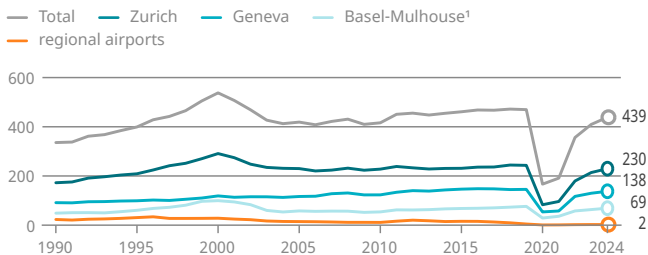
¹ Swiss and French traffic

Source: FSO, FOCA – Aviation, scheduled and charter traffic (AVIA_LC)

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Aircraft movements: scheduled and charter traffic

Thousand takeoffs and landings



¹ Swiss and French traffic

Data as on: 20.02.2025

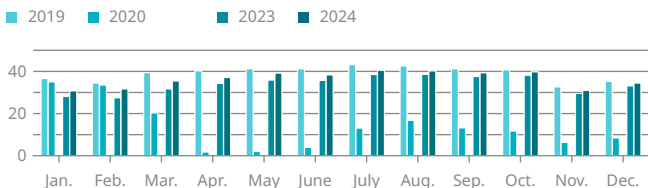
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Source: FSO, FOCA – Aviation, scheduled and charter traffic
(AVIA_LC)

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Aircraft movements by month: scheduled and charter traffic

Thousand takeoffs and landings



Data as on: 20.02.2025

gr-e-11.07.02.02-01

Source: FSO, FOCA – Aviation, scheduled and charter traffic
(AVIA_LC)

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Total aircraft movements in civil aviation, 2024

Takeoffs and landings, including general aviation

T4.2

	Commercial flights		Non commercial flights	Total
	Aeroplane ²	Helicopter		
Total airports and airfields	513 111	113 508	731 379	1 357 998
Total national airports	483 828	2 245	48 069	534 142
Zurich	249 616	436	11 052	261 104
Geneva	163 242	1 782	14 082	179 106
Basel-Mulhouse ¹	70 970	27	22 935	93 932
Total regional airports	24 718	26 235	271 464	322 417
Bern-Belp	3 890	4 017	36 455	44 362
Lugano-Agno	2 122	586	18 127	20 835
Sion	6 212	11 191	25 742	43 145
St.Gallen-Altenrhein	4 392	64	21 995	26 451
Birrfield	3 365	2 703	44 335	50 403
Bressaucourt	14	15	5 774	5 803
Écuvillens	10	2	18 985	18 997
Grenchen	104	8	56 580	56 692
La Chaux-de-Fonds- Les Éplatures	866	40	5 795	6 701
Lausanne- La Blécherette	809	1 776	28 552	31 137
Samedan	2 934	5 833	9 124	17 891
Total airfields	4 565	85 028	411 846	501 439

¹ Swiss and French traffic

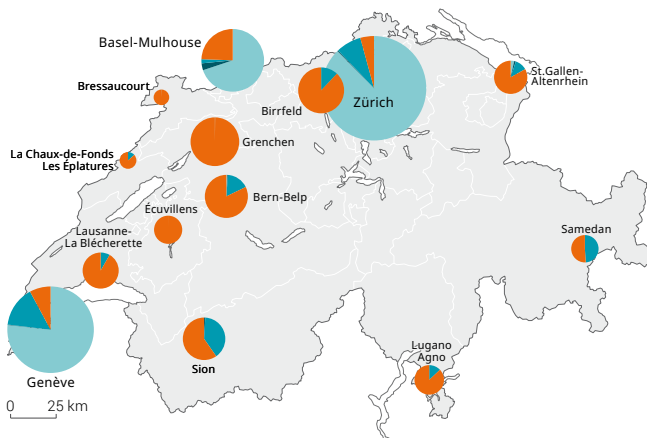
² powered planes (without powered glider)

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

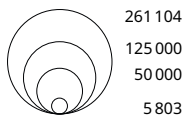
© FSO 2025

Aircraft movements in civil aviation, 2024

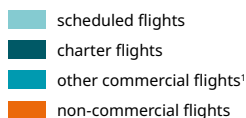
National and regional airports



Number of takeoffs and landings



Type of traffic



¹ excluding commercial pleasure flights

Data as on: 11.04.2025

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

ma-e-11.07.02-01-001

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5 Passengers

Air passengers: scheduled and charter traffic

Passengers¹ arriving and departing

T5.1

	1990	2000	2010
Total airports	19 944 463	34 426 801	39 009 046
Zurich	12 278 088	22 450 494	22 854 358
Geneva	5 488 703	7 677 763	11 748 972
Basel-Mulhouse ²	1 776 784	3 699 194	4 087 931
Bern-Belp	88 584	205 314	85 981
Lugano-Agno	310 240	286 507	159 497
Sion	2 064	8 760	3 912
St.Gallen-Altenrhein	0	98 769	68 395
	2019	2023	2024
Total airports	58 561 919	53 321 819	57 791 147
Zurich	31 478 748	28 842 554	31 157 679
Geneva	17 826 513	16 314 270	17 639 263
Basel-Mulhouse ²	9 068 206	8 054 744	8 884 204
Bern-Belp	22 233	42 833	40 827
Lugano-Agno	56 201	368	0
Sion	2 381	5 373	5 480
St.Gallen-Altenrhein	107 637	61 677	63 694

¹ local and transfer passengers

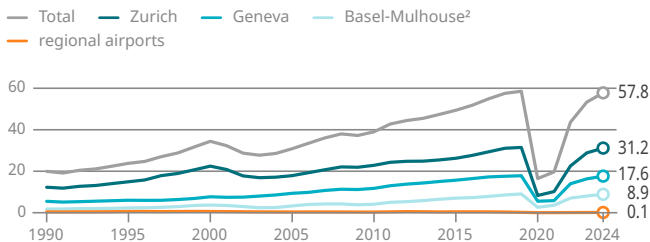
² Swiss and French traffic

Source: FSO, FOCA – Aviation, scheduled and charter traffic (AVIA_LC)

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Air passengers: scheduled and charter traffic

Million passengers¹ arriving and departing



¹ local and transfer passengers

² Swiss and French traffic

Data as on: 20.02.2025

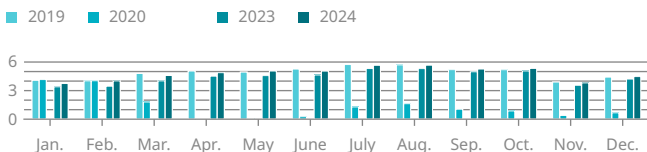
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Source: FSO, FOCA – Aviation, scheduled and charter traffic (AVIA_LC)

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Air passengers by month: scheduled and charter traffic

Million passengers¹ arriving and departing



¹ local and transfer passengers

Data as on: 20.02.2025

gr-e-11.07.02.02-02

Source: FSO, FOCA – Aviation, scheduled and charter traffic (AVIA_LC)

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Air passengers by continent of final destination, 2024

Departing local passengers in scheduled and charter traffic

T5.2

	Europe	Africa	Asia	Oceania
Total airports	19 122 117	1 139 075	1 942 846	104 173
of which Zurich	7 889 416	410 091	1 329 532	87 160
of which Geneva	6 954 649	516 898	603 734	17 013
	North America	Central America	South America	Total all continents
Total airports	1 492 790	137 082	298 216	24 236 299
of which Zurich	1 035 699	108 442	220 112	11 080 452
of which Geneva	450 484	28 444	78 104	8 649 326

Note: Only very partial data on passengers' final destinations has been available for the national airport of Basel-Mulhouse and the regional airports, which is why no figures on final destinations are presented for these airports. For the total, the flight destination (destination of the aircraft boarded by the passengers at the airports in question) has been substituted for the final destination where data is incomplete. All figures according to the status of the databases on 20.02.2025. Minor subsequent adjustments cannot be excluded.

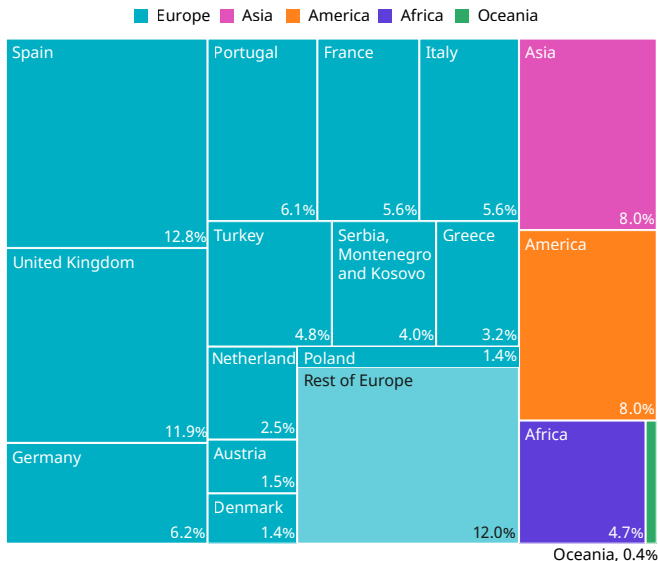
Source: FSO, FOCA – Aviation, scheduled and charter traffic (AVIA_LC)

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Air passengers by final destination, 2024

Departing local passengers from Swiss airports in scheduled and charter traffic

Total 24 236 299 passengers



Note: Only very partial data on passengers' final destinations has been available for the national airport of Basel-Mulhouse and the regional airports. Where data is incomplete, the flight destination (destination of the aircraft boarded by the passengers at the airports in question) has been substituted for the final destination. All figures according to the status of the databases on 20.02.2025. Minor subsequent adjustments cannot be excluded.

Data as on: 20.02.2025

Source: FSO, FOCA – Aviation, scheduled and charter flights (AVIA_LC)

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Transport performance by airport

Incoming and outgoing scheduled and charter traffic

T5.3

	Scheduled traffic: Passenger-km performed, in millions			Charter traffic: Passenger-km performed, in millions		
	2019	2023	2024	2019	2023	2024
Total	111 475	102 608	111 375	940	677	561
Zurich	79 743	71 232	76 935	379	253	205
Geneva	22 316	22 506	24 465	125	48	44
Basel-Mulhouse ¹	9 335	8 797	9 903	420	337	278
Bern-Belp	7	55	50	15	9	10
Lugano-Agno	5	0	0	0	0	0
Sion	1	0	0	1	4	4
St.Gallen-Altenrhein	68	18	22	0	26	20

¹ Swiss and French traffic

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

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Transport performance and seat load factor by continent

Incoming and outgoing scheduled and charter traffic

T5.4

	Passenger-km performed, in millions			Seat load factor (based on seat-km)		
	2019	2023	2024	2019	2023	2024
Total	112 415	103 285	111 936	81%	82%	82%
Europe	45 231	43 673	47 293	81%	81%	82%
Africa	6 185	6 698	7 578	77%	77%	75%
Asia	32 648	25 900	28 250	78%	83%	82%
Oceania ¹	0	0	0	*	*	*
North America	23 215	23 147	24 951	83%	83%	83%
Central America	1 877	1 609	1 408	89%	89%	87%
South America	3 259	2 259	2 456	89%	93%	92%

¹ in 2019, 2023 and in 2024 no direct flights from/to Switzerland

* not applicable

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

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6 Energy consumption and emissions

Fuel consumption and main greenhouse gas and pollutant emissions from civil aviation

Including general aviation

T6.1

	2000	2010	2019	2023	2024
Fuel consumption, in million tonnes					
filled up in Switzerland	1.54	1.39	1.85	1.62	1.77
consumed in the Swiss airspace	0.51	0.58	0.62	0.52	0.61
Greenhouse gas emissions, in million tonnes²					
Carbon dioxide (CO ₂) ¹	4.85	4.38	5.81	5.08	5.58
Pollutant emissions, in tonnes²					
Nitrogen oxides (NO _x)	18 470	17 635	28 368	29 014	31 847
of which impacting the climate ³	...	...	...	21 544	23 600
Sulphur dioxide (SO ₂)	1 540	1 386	1 847	1 616	1 775
Volatile organic compounds (VOC)	905	734	810	464	534
Particulate emissions²					
Particulate matter (PM), in tonnes	...	...	44	65	72
Soot particles impacting the climate ³ , number	...	...	...	9.1*10 ²³	9.6*10 ²³

¹ fossil CO₂, i. e. without CO₂ emissions from climate-neutral fuels

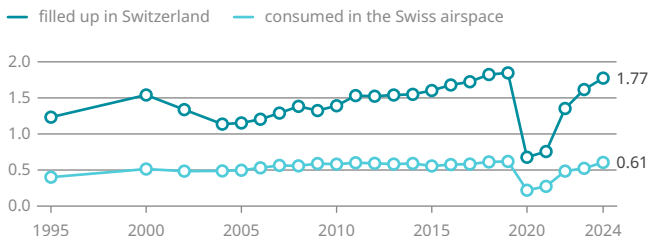
² International and domestic flights. The calculation is based on the fuel quantity actually filled up in Switzerland (sales principle).

³ emissions from a flight altitude higher than 8000 m above sea level

Fuel consumption of civil aviation

Including general aviation

Million tonnes



Data as on: 04.07.2025

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

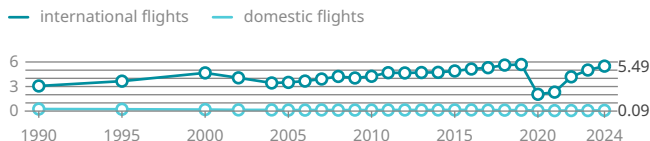
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CO₂ emissions of civil aviation

Including general aviation

Million tonnes



Note: The calculation is based on the fuel quantity actually filled up in Switzerland (sales principle).

Data as on: 04.07.2025

Source: FSO, FOCA – Civil aviation statistics (AVIA_ZL)

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7 Accidents

Accidents and serious incidents¹ of Swiss registered aircraft

At home and abroad

T7.1

	2000	2010	2019	2023	2024
Total	80	45	56	26	23

¹ Serious incidents are events that have nearly resulted in an aviation accident such as the unintentional convergence of two aircraft with a high risk of collision (Airprox).

Source: STSB – Aviation accident statistics

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Fatalities in Swiss registered aircraft

At home and abroad

T7.2

	2000	2010	2019	2023	2024
Total	51	8	5	3	5
Total aeroplanes	36	5	4	3	2
< 2 250 kg MTOM	4	5	4	3	0
2 250–5 700 kg MTOM	1	0	0	0	1
> 5 700 kg MTOM	31	0	0	0	1
Helicopters	12	0	1	0	3
Powered gliders and gliders	3	3	0	0	0
Free balloons and airships	0	0	0	0	0

MTOM = Maximum Take Off Mass

Source: STSB – Aviation accident statistics

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Severely injured persons¹ by Swiss registered aircraft

At home and abroad

T7.3

	2000	2010	2019	2023	2024
Total	23	7	5	7	7
Total aeroplanes	18	3	2	1	1
< 2 250 kg MTOM	5	1	2	1	0
2 250–5 700 kg MTOM	0	2	0	0	0
> 5 700 kg MTOM	13	0	0	0	1
Helicopters	3	4	2	0	6
Powered gliders and gliders	2	0	1	1	0
Free balloons and airships	0	0	0	5	0

¹ Severely injured persons whose treatment requires a hospital stay of more than 48 hours.

MTOM = Maximum Take Off Mass

Source: STSB – Aviation accident statistics

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The information in this publication contributes to the measurement of sustainable development goal (SDG) **no. 9 “Industry, innovation and infrastructure”** of the UN’s 2030 Agenda. In Switzerland, the MONET 2030 indicator system is used to track the implementation of these goals.



The MONET 2030 indicator system

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