



eurostat

Commercial flights by reporting country – monthly data (source: Eurocontrol) [AVIA_TF_CM]

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Description: -

Last update of data: 09/08/2023 23:00

Last change of data structure: 09/08/2023 23:00

Institutional source(s)

European Organisation for the Safety of Air Navigation (Eurocontrol)

Contents	Time frequency	Unit of measure
Sheet 1	Monthly	Number
Sheet 2	Monthly	Percentage change compared to same month in 2019
Sheet 3	Monthly	Percentage change m/m-1
Sheet 4	Monthly	Percentage change m/m-12



Structure

[illegible]

Geopolitical entity (reporting)

Time

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Position

Label

Monthly

Number

Percentage change compared to same month in 2019

Percentage change m/m-1

Percentage change m/m-12

European Union - 27 countries (from 2020)

European Union - 28 countries (2013-2020)

Belgium

Bulgaria

Czechia

Denmark

Germany

Estonia

Ireland

Greece

Spain

France

Croatia

Italy

Cyprus

Latvia

Lithuania

Luxembourg

Hungary

Malta

Netherlands

Austria

Poland

Portugal

Romania

Slovenia

Slovakia

Finland

Sweden

Iceland

Norway

Switzerland

United Kingdom

Montenegro

North Macedonia

Albania

Serbia

Türkiye

2019-01
2019-02
2019-03
2019-04
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2019-08
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2022-10	
2022-11	
2022-12	
2023-01	
2023-02	
2023-03	
2023-04	
2023-05	
2023-06	
2023-07	

Data extracted on 25/08/2023 10:07:55 from [ESTAT]

Dataset:

Commercial flights by reporting country – monthly data (source: Eurocontrol)

Last updated:

09/08/2023 23:00

Time frequency

Monthly

Unit of measure

Number

TIME	2019-01	2019-02	2019-03	2019-04
GEO (Labels)				
European Union - 27 countries (from 2007)	495,341	460,250	530,400	581,823
European Union - 28 countries (2013-2020)	592,624	552,963	635,201	692,938
Belgium	23,694	21,019	24,518	27,080
Bulgaria	4,990	4,529	5,108	5,539
Czechia	10,059	9,256	11,213	11,985
Denmark	23,211	22,559	26,319	25,866
Germany	138,258	131,628	150,008	158,711
Estonia	3,322	2,984	3,339	3,568
Ireland	20,104	18,655	21,466	23,944
Greece	16,125	14,480	17,197	27,214
Spain	107,267	99,179	116,393	137,823
France	97,811	92,196	107,091	120,860
Croatia	3,630	3,356	3,999	7,484
Italy	83,786	78,137	89,375	103,890
Cyprus	3,751	3,526	4,415	6,305
Latvia	6,072	5,378	6,172	7,172
Lithuania	4,443	3,972	4,401	4,864
Luxembourg	5,166	4,921	5,627	6,090
Hungary	8,601	7,904	9,202	10,184
Malta	3,352	3,060	3,750	4,778
Netherlands	42,962	40,898	46,673	49,777
Austria	24,110	23,368	27,362	27,218
Poland	27,756	25,442	28,338	30,874
Portugal	26,258	24,069	28,165	34,229
Romania	13,292	11,906	13,041	14,432
Slovenia	2,226	2,022	2,285	2,426
Slovakia	1,723	1,614	1,848	1,955
Finland	17,099	15,844	17,730	17,038
Sweden	30,192	28,637	33,232	31,597
Iceland	2,817	2,598	2,850	2,261
Norway	38,933	36,782	41,485	39,057
Switzerland	35,228	33,206	37,157	36,308
United Kingdom	145,002	139,353	157,772	169,392
Montenegro	1,157	1,035	1,218	1,661
North Macedonia	1,314	1,157	1,361	1,634
Albania	1,925	1,625	1,775	2,110
Serbia	4,237	3,824	4,299	4,958
Türkiye	66,304	59,619	67,939	73,548

Special value

:

not available

)[AVIA_TF_CM]

2019-05	2019-06	2019-07	2019-08	2019-09	2019-10
629,526	663,010	703,242	695,912	665,339	621,650
750,838	784,853	830,048	822,501	785,686	738,501
28,503	28,327	30,711	29,686	29,049	28,315
7,053	10,775	12,911	12,911	9,908	6,027
13,281	15,645	16,339	16,373	15,865	13,484
28,684	29,099	28,526	29,149	29,324	28,962
171,324	171,786	178,418	174,218	176,614	175,844
3,796	3,911	3,833	3,933	3,876	3,905
26,156	26,486	27,632	27,568	26,117	24,789
42,627	56,239	65,577	66,627	55,504	38,358
148,180	157,437	168,562	166,953	155,970	145,948
125,575	131,459	139,848	133,989	128,247	121,018
10,770	13,377	16,364	16,154	12,479	9,270
112,559	120,592	131,313	129,276	119,745	107,808
7,597	8,428	8,895	9,024	8,426	7,826
7,801	7,753	8,106	8,102	7,699	7,499
5,350	5,091	5,082	5,232	5,240	5,433
6,392	6,263	6,304	5,892	6,416	6,394
10,832	11,025	11,797	11,804	11,451	11,019
5,105	5,252	5,606	5,579	5,365	5,183
53,820	52,235	53,925	54,115	53,197	53,211
28,262	29,954	30,638	30,197	29,329	28,210
34,017	35,891	37,728	37,931	36,534	33,407
36,306	37,269	40,453	40,481	37,728	35,370
15,470	16,189	17,591	17,583	16,539	15,213
2,555	2,508	2,757	2,726	2,242	1,274
2,104	2,937	3,535	3,444	2,917	1,934
18,321	17,669	17,158	17,798	18,404	18,232
34,604	33,742	31,426	32,993	35,217	34,250
2,795	3,419	3,749	3,792	3,045	2,788
43,880	43,533	42,885	43,548	43,968	44,260
37,384	37,872	39,715	38,536	37,735	36,833
187,445	189,383	196,964	196,632	186,990	179,242
2,312	3,366	3,870	3,977	3,229	1,927
1,771	1,949	2,306	2,431	2,052	1,708
2,262	2,479	2,954	3,012	2,572	2,173
5,319	6,103	7,041	7,150	6,418	5,655
86,267	98,885	108,069	110,636	99,239	92,012

2019-11	2019-12	2020-01	2020-02	2020-03	2020-04
503,658	504,266	491,291	466,672	296,362	51,185
599,939	603,239	585,777	:	:	:
24,661	24,205	23,595	22,531	16,101	4,708
4,931	5,187	5,261	4,923	3,551	931
11,019	11,243	10,130	9,417	5,807	823
24,478	22,640	23,224	22,684	14,416	1,974
139,360	134,607	132,506	128,115	84,579	17,894
3,132	3,091	3,056	2,929	1,903	296
19,797	20,221	19,349	18,523	15,223	1,998
17,572	17,349	16,357	14,931	11,483	3,096
109,929	110,790	103,624	101,463	66,555	6,111
97,759	99,585	98,406	94,645	60,831	7,052
4,050	3,766	3,513	3,396	2,535	336
86,036	88,301	83,611	78,939	29,705	5,107
4,886	4,233	4,422	4,030	2,749	355
6,153	6,428	6,292	5,740	3,565	291
4,566	4,522	4,548	4,300	2,795	507
5,923	5,692	5,476	5,154	3,649	987
9,746	10,021	9,504	8,898	5,999	855
3,881	3,901	3,604	3,401	2,019	379
43,981	44,541	43,387	40,929	29,679	5,659
24,584	25,704	25,526	24,837	13,690	1,297
29,281	29,886	29,776	27,688	14,506	1,059
27,347	27,860	26,492	25,712	17,820	1,600
13,367	13,759	13,357	12,360	8,349	1,393
1,375	1,409	1,325	1,256	903	369
1,641	1,747	1,580	1,511	811	207
16,248	17,608	16,916	16,085	10,965	1,694
29,459	27,187	27,758	27,289	19,940	3,422
2,465	2,523	2,246	2,195	1,672	295
39,602	35,866	38,375	36,181	28,254	13,114
30,264	33,464	34,629	33,073	20,060	1,936
143,007	148,395	141,097	137,542	96,914	13,634
1,192	1,239	1,182	1,101	608	52
1,410	1,520	1,491	1,347	816	88
1,983	2,204	1,984	1,667	862	134
4,675	4,792	4,614	4,278	2,529	295
68,215	65,175	66,067	60,161	40,122	3,726

2020-05	2020-06	2020-07	2020-08	2020-09	2020-10
63,922	104,769	256,449	324,538	274,676	239,026
:	:	:	:	:	:
5,626	6,902	13,294	14,772	12,241	11,507
1,521	2,495	5,026	5,396	4,429	3,395
979	1,715	4,441	5,157	4,749	3,271
2,245	4,085	9,168	10,657	10,604	9,359
20,787	31,467	62,889	73,205	69,292	64,382
588	1,009	1,488	1,549	1,376	1,173
2,253	2,710	7,766	9,774	7,899	6,368
3,786	7,582	27,056	38,284	28,487	20,334
7,315	13,134	62,039	83,179	56,666	45,806
9,525	19,738	53,049	68,162	56,136	48,617
684	2,174	6,355	8,842	4,912	2,741
6,786	14,975	46,358	63,548	50,694	41,609
457	996	2,914	3,770	3,464	3,185
543	1,333	2,986	3,191	3,050	2,374
570	1,128	2,358	2,834	2,469	1,878
1,184	1,770	3,295	3,438	3,288	3,173
1,100	2,132	4,497	5,013	2,816	2,189
426	428	1,942	3,032	2,409	1,937
7,614	10,875	21,751	29,453	27,268	23,583
1,628	3,901	10,377	13,469	11,990	9,238
1,106	3,120	14,361	18,681	15,927	13,247
2,208	4,340	14,599	20,945	17,980	15,887
1,391	2,386	6,925	8,059	7,112	6,179
340	513	703	796	664	577
191	382	783	1,114	901	653
1,975	2,679	4,399	5,427	4,221	3,953
3,716	5,025	8,154	9,963	10,819	11,105
306	599	1,355	1,397	639	505
13,377	17,126	23,057	24,069	24,939	24,319
2,842	6,319	15,326	18,023	14,364	12,137
16,397	21,071	52,548	79,123	72,451	61,738
51	341	1,081	1,458	1,317	789
106	87	913	900	719	628
186	400	1,754	2,087	1,513	1,227
494	1,570	2,846	2,898	2,845	2,817
4,703	18,020	36,743	51,758	51,449	49,097

2020-11	2020-12	2021-01	2021-02	2021-03	2021-04
159,858	167,005	156,889	126,019	152,013	172,831
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9,788	10,363	9,481	7,836	8,455	9,538
2,265	2,579	2,229	1,756	2,072	2,459
2,249	2,572	2,208	1,889	2,174	2,312
6,330	6,030	4,937	3,522	4,617	4,994
40,859	39,709	36,937	30,331	39,467	45,728
1,151	1,090	967	804	977	1,108
4,014	3,966	3,985	2,747	3,181	3,261
7,092	6,282	6,454	5,473	6,706	8,138
32,171	36,816	30,166	23,294	30,492	37,668
27,578	35,378	36,318	29,451	32,647	33,462
1,779	1,464	1,448	1,304	1,692	2,215
23,440	22,240	19,986	16,137	20,076	24,987
1,528	1,316	1,064	992	1,334	1,872
1,674	1,787	1,452	940	1,207	1,569
1,258	1,209	1,212	988	1,223	1,480
2,627	2,599	2,408	1,991	2,246	2,604
1,817	1,775	1,615	1,449	1,702	1,865
1,195	1,045	957	748	867	1,048
17,484	17,562	16,997	12,573	14,509	16,331
5,411	5,271	4,801	3,976	5,327	6,635
8,035	7,898	6,944	4,555	6,121	7,258
9,738	10,387	9,227	5,134	6,219	10,088
3,661	4,463	4,555	3,543	4,212	5,720
404	416	402	391	479	455
363	521	444	418	377	280
3,933	3,680	3,702	3,319	3,686	3,358
8,903	8,003	7,203	6,275	7,502	7,683
347	488	443	325	425	422
21,196	18,913	18,953	16,159	19,120	18,183
7,669	9,804	9,262	7,117	8,434	10,205
34,518	38,487	28,104	20,496	25,306	27,741
490	444	337	363	464	537
557	579	646	530	691	751
872	880	881	751	935	1,039
2,130	1,887	1,741	1,527	1,829	2,203
36,443	29,616	32,168	30,175	38,920	39,616

2021-05	2021-06	2021-07	2021-08	2021-09	2021-10
210,680	302,274	443,176	478,996	444,324	434,815
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11,248	15,317	21,617	22,261	21,834	21,524
2,796	4,441	7,663	8,808	6,855	4,946
3,051	5,151	7,291	7,816	7,789	7,019
5,994	8,963	15,358	16,538	17,609	18,806
51,878	68,486	99,341	106,664	107,760	115,043
1,336	1,670	1,972	2,193	2,285	2,414
3,642	5,820	9,446	12,554	13,251	13,984
14,088	31,337	54,860	61,915	49,065	38,123
49,716	72,504	112,547	121,865	110,537	111,200
42,637	59,164	91,823	96,358	85,123	83,882
3,016	5,460	10,806	12,676	10,175	7,386
29,871	53,601	83,367	94,087	82,704	76,302
3,016	4,328	6,420	6,875	6,488	7,123
2,030	2,744	3,873	4,492	4,329	4,512
1,585	2,321	3,276	3,520	3,335	3,576
2,993	3,349	4,310	4,505	4,726	4,870
2,122	4,031	5,946	6,590	6,589	6,701
1,309	2,565	3,898	4,255	3,857	3,864
18,895	23,713	36,046	39,266	37,766	38,928
7,783	11,225	17,698	19,580	18,856	18,314
8,936	17,129	24,357	26,382	25,524	23,327
13,762	19,879	26,176	29,508	26,990	27,624
6,936	10,222	13,446	14,418	13,370	11,708
592	788	1,212	1,268	1,155	1,137
436	992	1,608	1,695	1,456	1,178
3,704	4,589	5,892	7,129	7,750	8,887
8,661	11,832	15,592	17,063	18,510	19,078
553	1,077	2,179	2,467	2,134	2,003
19,007	21,798	26,153	28,870	31,903	33,052
11,623	15,040	24,558	26,485	25,000	26,299
35,030	50,655	72,393	92,701	98,194	103,368
901	1,633	2,977	3,191	2,195	1,272
945	1,210	1,756	1,772	1,516	1,236
1,452	2,173	3,007	3,749	3,018	2,368
2,736	3,955	5,831	5,761	4,691	4,017
36,639	58,385	87,745	90,511	81,841	81,911

2021-11	2021-12	2022-01	2022-02	2022-03	2022-04
374,216	383,764	325,297	309,230	389,246	469,050
:	:	:	:	:	:
20,446	20,056	16,857	16,254	20,536	22,044
3,694	4,188	3,896	3,337	3,920	5,047
6,549	6,690	5,200	5,118	6,518	7,765
17,631	17,277	14,171	13,804	17,695	21,071
96,869	94,606	79,079	73,690	94,870	117,622
2,534	2,618	2,292	1,953	2,408	2,721
13,697	15,533	12,479	13,243	17,853	21,643
16,389	15,890	12,769	11,717	15,148	25,955
88,443	92,918	79,891	77,616	99,474	127,674
75,665	78,045	63,378	67,031	84,157	97,070
3,275	3,552	3,120	2,863	3,754	6,373
65,850	68,552	56,226	54,039	70,160	90,705
4,455	3,852	3,096	2,817	3,644	5,565
4,200	4,399	3,686	2,987	3,544	4,373
3,423	3,518	3,054	2,774	3,282	4,044
4,610	4,757	3,715	3,834	4,806	5,555
6,670	7,066	5,973	5,634	7,076	8,199
3,036	3,066	1,977	1,929	3,026	4,139
34,093	35,576	31,125	29,091	36,663	41,146
15,513	15,225	14,099	13,266	16,934	18,983
22,106	23,300	18,675	16,463	21,361	24,216
23,337	23,977	20,529	20,213	25,833	32,594
9,294	10,653	8,957	7,472	10,999	13,858
993	1,039	933	858	1,012	1,160
1,040	1,224	806	853	1,239	1,386
9,732	12,369	10,477	9,098	10,404	11,081
19,090	19,150	15,850	14,416	18,375	22,152
1,768	1,967	1,671	1,747	2,053	2,480
33,727	32,284	26,991	25,474	33,465	35,537
21,184	24,108	23,316	23,187	27,553	29,787
90,270	96,926	75,979	83,450	109,964	135,156
950	942	806	759	920	1,304
996	1,229	1,038	769	1,025	1,303
1,953	2,265	2,111	1,707	2,199	2,838
3,578	3,804	3,609	2,847	3,750	4,334
58,061	55,450	51,731	48,209	53,468	64,207

2022-05	2022-06	2022-07	2022-08	2022-09	2022-10
528,471	555,818	595,965	596,930	561,638	533,919
:	:	:	:	:	:
24,275	23,583	26,687	26,363	24,946	23,833
5,834	7,508	9,487	9,440	7,698	5,708
8,753	10,903	11,691	11,562	10,962	9,010
23,884	24,257	24,142	24,882	24,656	24,497
132,632	134,809	135,256	138,638	135,926	135,692
3,127	3,008	2,955	3,028	3,089	3,097
23,855	23,923	24,255	24,247	23,423	23,093
41,300	56,981	70,071	70,243	57,450	41,511
138,250	142,826	156,199	154,670	142,671	141,902
109,951	112,910	123,323	118,961	110,258	108,083
8,833	11,857	14,980	15,084	12,051	8,866
101,456	108,446	118,825	117,471	111,505	100,582
6,470	6,996	7,626	7,860	7,310	7,384
4,738	4,840	4,979	4,912	4,874	4,903
4,550	4,546	4,395	4,493	4,397	4,394
6,332	6,200	6,251	6,000	6,201	6,000
8,863	9,474	9,793	9,611	9,283	8,762
4,311	4,404	4,928	4,776	4,545	4,267
47,349	46,106	46,057	47,049	46,250	45,219
21,998	23,230	24,756	25,007	24,387	22,592
29,048	32,485	33,825	33,760	32,677	29,796
35,235	36,372	39,631	39,585	37,293	36,399
14,215	15,153	16,458	16,727	14,511	13,441
1,326	1,501	1,612	1,576	1,572	1,362
1,624	2,287	2,863	2,856	2,370	1,571
12,891	12,189	12,242	12,225	12,401	12,541
25,436	25,553	23,235	25,277	26,244	25,356
2,844	3,498	3,901	3,887	3,298	3,141
40,431	40,067	37,192	41,232	41,337	40,493
32,048	32,126	35,233	34,835	33,202	32,928
155,901	159,302	165,100	163,496	157,654	154,822
1,671	2,245	2,912	2,889	2,197	1,497
1,412	1,856	2,114	2,074	1,884	1,635
3,322	3,538	4,132	4,430	3,736	3,188
5,031	6,052	7,061	6,993	6,315	5,454
81,148	92,128	106,478	107,120	95,980	88,368

2022-11	2022-12	2023-01	2023-02	2023-03	2023-04
421,731	428,167	408,692	384,833	449,014	508,969
:	:	:	:	:	:
20,410	20,147	19,292	18,458	21,410	23,187
4,486	4,853	4,918	4,406	5,135	5,640
7,188	7,326	6,497	6,366	8,070	9,119
19,990	18,783	18,608	18,146	21,851	23,178
107,712	100,856	95,808	90,803	107,763	123,867
2,495	2,398	2,439	2,238	2,580	2,498
19,723	19,644	19,445	17,901	21,402	23,764
17,197	16,853	15,853	14,323	17,556	28,656
105,395	108,133	101,410	96,527	114,892	136,641
86,354	92,073	84,864	82,770	90,879	104,923
4,056	3,876	3,687	3,354	4,418	6,919
74,294	77,736	74,339	69,771	82,609	99,533
4,510	4,255	4,010	3,741	4,720	6,910
4,213	4,415	4,192	3,670	4,381	4,708
3,419	3,331	3,384	3,095	3,546	3,989
5,206	5,141	4,587	4,595	5,400	5,710
7,637	7,867	7,203	6,569	7,915	8,700
3,316	3,287	3,119	2,915	3,670	4,995
36,708	36,790	35,965	34,097	40,318	43,628
18,566	19,863	19,877	18,475	21,810	22,556
23,491	24,619	23,954	21,885	25,760	28,807
27,595	28,646	27,670	26,368	31,166	35,898
11,920	12,367	12,377	10,844	12,484	14,005
1,183	1,120	1,113	1,011	1,298	1,374
1,202	1,183	1,107	1,092	1,366	1,508
11,663	13,822	12,853	11,723	12,843	11,729
22,628	21,411	21,167	20,377	24,149	23,751
2,564	2,551	2,581	2,507	2,873	2,970
36,350	32,751	32,790	30,541	36,834	35,614
26,743	30,658	29,888	29,407	32,632	32,940
120,263	125,302	121,480	116,900	135,675	137,065
1,026	1,077	1,072	950	1,139	1,467
1,304	1,405	1,326	1,148	1,411	1,711
2,659	2,788	2,737	2,349	2,864	3,375
4,676	5,107	5,021	4,428	5,164	5,624
66,362	65,092	67,285	60,229	69,269	80,012

2023-05	2023-06	2023-07
563,602	594,191	640,152
:	:	:
25,224	25,071	26,841
6,362	8,683	10,294
10,126	12,744	13,833
25,811	26,341	26,673
136,968	141,718	146,391
2,954	2,848	2,859
26,245	26,149	27,270
44,242	60,698	73,080
146,405	149,672	166,938
117,244	120,400	129,233
9,674	12,754	16,510
109,705	117,185	127,995
7,743	8,465	9,439
5,428	5,445	5,596
4,561	4,412	4,376
6,032	6,218	6,214
9,334	9,836	10,655
5,319	5,306	5,807
47,731	46,930	49,655
24,718	25,370	26,870
32,099	35,657	37,406
38,022	39,593	43,210
14,647	15,990	16,949
1,585	1,682	1,818
1,731	2,713	3,124
13,040	12,826	12,437
26,520	26,295	24,799
3,336	4,036	4,532
39,520	40,896	39,429
34,636	35,123	37,916
153,781	158,095	167,012
1,938	2,733	3,392
1,914	2,084	2,353
3,721	4,309	5,068
6,413	7,251	8,303
93,310	105,550	116,429

Data extracted on 25/08/2023 10:07:55 from [ESTAT]

Dataset:

Commercial flights by reporting country – monthly data (source: Eurocontrol)

Last updated:

09/08/2023 23:00

Time frequency

Monthly

Unit of measure

Percentage change compared to same month in 2019

TIME	2019-01	2019-02	2019-03	2019-04
GEO (Labels)				
European Union - 27 countries (from 2007)	:	Z	:	Z
European Union - 28 countries (2013-2020)	:	Z	:	Z
Belgium	:	Z	:	Z
Bulgaria	:	Z	:	Z
Czechia	:	Z	:	Z
Denmark	:	Z	:	Z
Germany	:	Z	:	Z
Estonia	:	Z	:	Z
Ireland	:	Z	:	Z
Greece	:	Z	:	Z
Spain	:	Z	:	Z
France	:	Z	:	Z
Croatia	:	Z	:	Z
Italy	:	Z	:	Z
Cyprus	:	Z	:	Z
Latvia	:	Z	:	Z
Lithuania	:	Z	:	Z
Luxembourg	:	Z	:	Z
Hungary	:	Z	:	Z
Malta	:	Z	:	Z
Netherlands	:	Z	:	Z
Austria	:	Z	:	Z
Poland	:	Z	:	Z
Portugal	:	Z	:	Z
Romania	:	Z	:	Z
Slovenia	:	Z	:	Z
Slovakia	:	Z	:	Z
Finland	:	Z	:	Z
Sweden	:	Z	:	Z
Iceland	:	Z	:	Z
Norway	:	Z	:	Z
Switzerland	:	Z	:	Z
United Kingdom	:	Z	:	Z
Montenegro	:	Z	:	Z
North Macedonia	:	Z	:	Z
Albania	:	Z	:	Z
Serbia	:	Z	:	Z
Türkiye	:	Z	:	Z

Special value

: not available

Available flags:

z not applicable

) [AVIA_TF_CM]

[illegible]

2019-11	2019-12		2020-01		2020-02	2020-03	2020-04	
	:	Z	:	Z	-0.8	1.4	-44.1	-91.2
	:	Z	:	Z	-1.2	:	:	:
	:	Z	:	Z	-0.4	7.2	-34.3	-82.6
	:	Z	:	Z	5.4	8.7	-30.5	-83.2
	:	Z	:	Z	0.7	1.7	-48.2	-93.1
	:	Z	:	Z	0.1	0.6	-45.2	-92.4
	:	Z	:	Z	-4.2	-2.7	-43.6	-88.7
	:	Z	:	Z	-8.0	-1.8	-43.0	-91.7
	:	Z	:	Z	-3.8	-0.7	-29.1	-91.7
	:	Z	:	Z	1.4	3.1	-33.2	-88.6
	:	Z	:	Z	-3.4	2.3	-42.8	-95.6
	:	Z	:	Z	0.6	2.7	-43.2	-94.2
	:	Z	:	Z	-3.2	1.2	-36.6	-95.5
	:	Z	:	Z	-0.2	1.0	-66.8	-95.1
	:	Z	:	Z	17.9	14.3	-37.7	-94.4
	:	Z	:	Z	3.6	6.7	-42.2	-95.9
	:	Z	:	Z	2.4	8.3	-36.5	-89.6
	:	Z	:	Z	6.0	4.7	-35.2	-83.8
	:	Z	:	Z	10.5	12.6	-34.8	-91.6
	:	Z	:	Z	7.5	11.1	-46.2	-92.1
	:	Z	:	Z	1.0	0.1	-36.4	-88.6
	:	Z	:	Z	5.9	6.3	-50.0	-95.2
	:	Z	:	Z	7.3	8.8	-48.8	-96.6
	:	Z	:	Z	0.9	6.8	-36.7	-95.3
	:	Z	:	Z	0.5	3.8	-36.0	-90.3
	:	Z	:	Z	-40.5	-37.9	-60.5	-84.8
	:	Z	:	Z	-8.3	-6.4	-56.1	-89.4
	:	Z	:	Z	-1.1	1.5	-38.2	-90.1
	:	Z	:	Z	-8.1	-4.7	-40.0	-89.2
	:	Z	:	Z	-20.3	-15.5	-41.3	-87.0
	:	Z	:	Z	-1.4	-1.6	-31.9	-66.4
	:	Z	:	Z	-1.7	-0.4	-46.0	-94.7
	:	Z	:	Z	-2.7	-1.3	-38.6	-92.0
	:	Z	:	Z	2.2	6.4	-50.1	-96.9
	:	Z	:	Z	13.5	16.4	-40.0	-94.6
	:	Z	:	Z	3.1	2.6	-51.4	-93.6
	:	Z	:	Z	8.9	11.9	-41.2	-94.1
	:	Z	:	Z	-0.4	0.9	-40.9	-94.9

2020-05	2020-06	2020-07	2020-08	2020-09	2020-10
-89.8	-84.2	-63.5	-53.4	-58.7	-61.5
:	:	:	:	:	:
-80.3	-75.6	-56.7	-50.2	-57.9	-59.4
-78.4	-76.8	-61.1	-58.2	-55.3	-43.7
-92.6	-89.0	-72.8	-68.5	-70.1	-75.7
-92.2	-86.0	-67.9	-63.4	-63.8	-67.7
-87.9	-81.7	-64.8	-58.0	-60.8	-63.4
-84.5	-74.2	-61.2	-60.6	-64.5	-70.0
-91.4	-89.8	-71.9	-64.5	-69.8	-74.3
-91.1	-86.5	-58.7	-42.5	-48.7	-47.0
-95.1	-91.7	-63.2	-50.2	-63.7	-68.6
-92.4	-85.0	-62.1	-49.1	-56.2	-59.8
-93.6	-83.7	-61.2	-45.3	-60.6	-70.4
-94.0	-87.6	-64.7	-50.8	-57.7	-61.4
-94.0	-88.2	-67.2	-58.2	-58.9	-59.3
-93.0	-82.8	-63.2	-60.6	-60.4	-68.3
-89.3	-77.8	-53.6	-45.8	-52.9	-65.4
-81.5	-71.7	-47.7	-41.6	-48.8	-50.4
-89.8	-80.7	-61.9	-57.5	-75.4	-80.1
-91.7	-91.9	-65.4	-45.7	-55.1	-62.6
-85.9	-79.2	-59.7	-45.6	-48.7	-55.7
-94.2	-87.0	-66.1	-55.4	-59.1	-67.3
-96.7	-91.3	-61.9	-50.8	-56.4	-60.3
-93.9	-88.4	-63.9	-48.3	-52.3	-55.1
-91.0	-85.3	-60.6	-54.2	-57.0	-59.4
-86.7	-79.5	-74.5	-70.8	-70.4	-54.7
-90.9	-87.0	-77.9	-67.7	-69.1	-66.2
-89.2	-84.8	-74.4	-69.5	-77.1	-78.3
-89.3	-85.1	-74.1	-69.8	-69.3	-67.6
-89.1	-82.5	-63.9	-63.2	-79.0	-81.9
-69.5	-60.7	-46.2	-44.7	-43.3	-45.1
-92.4	-83.3	-61.4	-53.2	-61.9	-67.0
-91.3	-88.9	-73.3	-59.8	-61.3	-65.6
-97.8	-89.9	-72.1	-63.3	-59.2	-59.1
-94.0	-95.5	-60.4	-63.0	-65.0	-63.2
-91.8	-83.9	-40.6	-30.7	-41.2	-43.5
-90.7	-74.3	-59.6	-59.5	-55.7	-50.2
-94.5	-81.8	-66.0	-53.2	-48.2	-46.6

2020-11	2020-12	2021-01	2021-02	2021-03	2021-04
-68.3	-66.9	-68.3	-72.6	-71.3	-70.3
:	:	:	:	:	:
-60.3	-57.2	-60.0	-62.7	-65.5	-64.8
-54.1	-50.3	-55.3	-61.2	-59.4	-55.6
-79.6	-77.1	-78.0	-79.6	-80.6	-80.7
-74.1	-73.4	-78.7	-84.4	-82.5	-80.7
-70.7	-70.5	-73.3	-77.0	-73.7	-71.2
-63.3	-64.7	-70.9	-73.1	-70.7	-68.9
-79.7	-80.4	-80.2	-85.3	-85.2	-86.4
-59.6	-63.8	-60.0	-62.2	-61.0	-70.1
-70.7	-66.8	-71.9	-76.5	-73.8	-72.7
-71.8	-64.5	-62.9	-68.1	-69.5	-72.3
-56.1	-61.1	-60.1	-61.1	-57.7	-70.4
-72.8	-74.8	-76.1	-79.3	-77.5	-75.9
-68.7	-68.9	-71.6	-71.9	-69.8	-70.3
-72.8	-72.2	-76.1	-82.5	-80.4	-78.1
-72.4	-73.3	-72.7	-75.1	-72.2	-69.6
-55.6	-54.3	-53.4	-59.5	-60.1	-57.2
-81.4	-82.3	-81.2	-81.7	-81.5	-81.7
-69.2	-73.2	-71.4	-75.6	-76.9	-78.1
-60.2	-60.6	-60.4	-69.3	-68.9	-67.2
-78.0	-79.5	-80.1	-83.0	-80.5	-75.6
-72.6	-73.6	-75.0	-82.1	-78.4	-76.5
-64.4	-62.7	-64.9	-78.7	-77.9	-70.5
-72.6	-67.6	-65.7	-70.2	-67.7	-60.4
-70.6	-70.5	-81.9	-80.7	-79.0	-81.2
-77.9	-70.2	-74.2	-74.1	-79.6	-85.7
-75.8	-79.1	-78.3	-79.1	-79.2	-80.3
-69.8	-70.6	-76.1	-78.1	-77.4	-75.7
-85.9	-80.7	-84.3	-87.5	-85.1	-81.3
-46.5	-47.3	-51.3	-56.1	-53.9	-53.4
-74.7	-70.7	-73.7	-78.6	-77.3	-71.9
-75.9	-74.1	-80.6	-85.3	-84.0	-83.6
-58.9	-64.2	-70.9	-64.9	-61.9	-67.7
-60.5	-61.9	-50.8	-54.2	-49.2	-54.0
-56.0	-60.1	-54.2	-53.8	-47.3	-50.8
-54.4	-60.6	-58.9	-60.1	-57.5	-55.6
-46.6	-54.6	-51.5	-49.4	-42.7	-46.1

2021-05	2021-06	2021-07	2021-08	2021-09	2021-10
-66.5	-54.4	-37.0	-31.2	-33.2	-30.1
:	:	:	:	:	:
-60.5	-45.9	-29.6	-25.0	-24.8	-24.0
-60.4	-58.8	-40.6	-31.8	-30.8	-17.9
-77.0	-67.1	-55.4	-52.3	-50.9	-47.9
-79.1	-69.2	-46.2	-43.3	-40.0	-35.1
-69.7	-60.1	-44.3	-38.8	-39.0	-34.6
-64.8	-57.3	-48.6	-44.2	-41.0	-38.2
-86.1	-78.0	-65.8	-54.5	-49.3	-43.6
-67.0	-44.3	-16.3	-7.1	-11.6	-0.6
-66.4	-53.9	-33.2	-27.0	-29.1	-23.8
-66.0	-55.0	-34.3	-28.1	-33.6	-30.7
-72.0	-59.2	-34.0	-21.5	-18.5	-20.3
-73.5	-55.6	-36.5	-27.2	-30.9	-29.2
-60.3	-48.6	-27.8	-23.8	-23.0	-9.0
-74.0	-64.6	-52.2	-44.6	-43.8	-39.8
-70.4	-54.4	-35.5	-32.7	-36.4	-34.2
-53.2	-46.5	-31.6	-23.5	-26.3	-23.8
-80.4	-63.4	-49.6	-44.2	-42.5	-39.2
-74.4	-51.2	-30.5	-23.7	-28.1	-25.4
-64.9	-54.6	-33.2	-27.4	-29.0	-26.8
-72.5	-62.5	-42.2	-35.2	-35.7	-35.1
-73.7	-52.3	-35.4	-30.4	-30.1	-30.2
-62.1	-46.7	-35.3	-27.1	-28.5	-21.9
-55.2	-36.9	-23.6	-18.0	-19.2	-23.0
-76.8	-68.6	-56.0	-53.5	-48.5	-10.8
-79.3	-66.2	-54.5	-50.8	-50.1	-39.1
-79.8	-74.0	-65.7	-59.9	-57.9	-51.3
-75.0	-64.9	-50.4	-48.3	-47.4	-44.3
-80.2	-68.5	-41.9	-34.9	-29.9	-28.2
-56.7	-49.9	-39.0	-33.7	-27.4	-25.3
-68.9	-60.3	-38.2	-31.3	-33.7	-28.6
-81.3	-73.3	-63.2	-52.9	-47.5	-42.3
-61.0	-51.5	-23.1	-19.8	-32.0	-34.0
-46.6	-37.9	-23.9	-27.1	-26.1	-27.6
-35.8	-12.3	1.8	24.5	17.3	9.0
-48.6	-35.2	-17.2	-19.4	-26.9	-29.0
-57.5	-41.0	-18.8	-18.2	-17.5	-11.0

2021-11	2021-12	2022-01	2022-02	2022-03	2022-04
-25.7	-23.9	-34.3	-32.8	-26.6	-19.4
:	:	:	:	:	:
-17.1	-17.1	-28.9	-22.7	-16.2	-18.6
-25.1	-19.3	-21.9	-26.3	-23.3	-8.9
-40.6	-40.5	-48.3	-44.7	-41.9	-35.2
-28.0	-23.7	-38.9	-38.8	-32.8	-18.5
-30.5	-29.7	-42.8	-44.0	-36.8	-25.9
-19.1	-15.3	-31.0	-34.6	-27.9	-23.7
-30.8	-23.2	-37.9	-29.0	-16.8	-9.6
-6.7	-8.4	-20.8	-19.1	-11.9	-4.6
-19.5	-16.1	-25.5	-21.7	-14.5	-7.4
-22.6	-21.6	-35.2	-27.3	-21.4	-19.7
-19.1	-5.7	-14.0	-14.7	-6.1	-14.8
-23.5	-22.4	-32.9	-30.8	-21.5	-12.7
-8.8	-9.0	-17.5	-20.1	-17.5	-11.7
-31.7	-31.6	-39.3	-44.5	-42.6	-39.0
-25.0	-22.2	-31.3	-30.2	-25.4	-16.9
-22.2	-16.4	-28.1	-22.1	-14.6	-8.8
-31.6	-29.5	-30.6	-28.7	-23.1	-19.5
-21.8	-21.4	-41.0	-37.0	-19.3	-13.4
-22.5	-20.1	-27.6	-28.9	-21.4	-17.3
-36.9	-40.8	-41.5	-43.2	-38.1	-30.3
-24.5	-22.0	-32.7	-35.3	-24.6	-21.6
-14.7	-13.9	-21.8	-16.0	-8.3	-4.8
-30.5	-22.6	-32.6	-37.2	-15.7	-4.0
-27.8	-26.3	-58.1	-57.6	-55.7	-52.2
-36.6	-29.9	-53.2	-47.1	-33.0	-29.1
-40.1	-29.8	-38.7	-42.6	-41.3	-35.0
-35.2	-29.6	-47.5	-49.7	-44.7	-29.9
-28.3	-22.0	-40.7	-32.8	-28.0	9.7
-14.8	-10.0	-30.7	-30.7	-19.3	-9.0
-30.0	-28.0	-33.8	-30.2	-25.8	-18.0
-36.9	-34.7	-47.6	-40.1	-30.3	-20.2
-20.3	-24.0	-30.3	-26.7	-24.5	-21.5
-29.4	-19.1	-21.0	-33.5	-24.7	-20.3
-1.5	2.8	9.7	5.0	23.9	34.5
-23.5	-20.6	-14.8	-25.5	-12.8	-12.6
-14.9	-14.9	-22.0	-19.1	-21.3	-12.7

2022-05	2022-06	2022-07	2022-08	2022-09	2022-10
-16.1	-16.2	-15.3	-14.2	-15.6	-14.1
:	:	:	:	:	:
-14.8	-16.7	-13.1	-11.2	-14.1	-15.8
-17.3	-30.3	-26.5	-26.9	-22.3	-5.3
-34.1	-30.3	-28.4	-29.4	-30.9	-33.2
-16.7	-16.6	-15.4	-14.6	-15.9	-15.4
-22.6	-21.5	-24.2	-20.4	-23.0	-22.8
-17.6	-23.1	-22.9	-23.0	-20.3	-20.7
-8.8	-9.7	-12.2	-12.0	-10.3	-6.8
-3.1	1.3	6.9	5.4	3.5	8.2
-6.7	-9.3	-7.3	-7.4	-8.5	-2.8
-12.4	-14.1	-11.8	-11.2	-14.0	-10.7
-18.0	-11.4	-8.5	-6.6	-3.4	-4.4
-9.9	-10.1	-9.5	-9.1	-6.9	-6.7
-14.8	-17.0	-14.3	-12.9	-13.2	-5.6
-39.3	-37.6	-38.6	-39.4	-36.7	-34.6
-15.0	-10.7	-13.5	-14.1	-16.1	-19.1
-0.9	-1.0	-0.8	1.8	-3.4	-6.2
-18.2	-14.1	-17.0	-18.6	-18.9	-20.5
-15.6	-16.1	-12.1	-14.4	-15.3	-17.7
-12.0	-11.7	-14.6	-13.1	-13.1	-15.0
-22.2	-22.4	-19.2	-17.2	-16.9	-19.9
-14.6	-9.5	-10.3	-11.0	-10.6	-10.8
-2.9	-2.4	-2.0	-2.2	-1.2	2.9
-8.1	-6.4	-6.4	-4.9	-12.3	-11.6
-48.1	-40.2	-41.5	-42.2	-29.9	6.9
-22.8	-22.1	-19.0	-17.1	-18.8	-18.8
-29.6	-31.0	-28.7	-31.3	-32.6	-31.2
-26.5	-24.3	-26.1	-23.4	-25.5	-26.0
1.8	2.3	4.1	2.5	8.3	12.7
-7.9	-8.0	-13.3	-5.3	-6.0	-8.5
-14.3	-15.2	-11.3	-9.6	-12.0	-10.6
-16.8	-15.9	-16.2	-16.9	-15.7	-13.6
-27.7	-33.3	-24.8	-27.4	-32.0	-22.3
-20.3	-4.8	-8.3	-14.7	-8.2	-4.3
46.9	42.7	39.9	47.1	45.3	46.7
-5.4	-0.8	0.3	-2.2	-1.6	-3.6
-5.9	-6.8	-1.5	-3.2	-3.3	-4.0

2022-11	2022-12	2023-01	2023-02	2023-03	2023-04
-16.3	-15.1	-17.5	-16.4	-15.3	-12.5
:	:	:	z	:	:
-17.2	-16.8	-18.6	-12.2	-12.7	-14.4
-9.0	-6.4	-1.4	-2.7	0.5	1.8
-34.8	-34.8	-35.4	-31.2	-28.0	-23.9
-18.3	-17.0	-19.8	-19.6	-17.0	-10.4
-22.7	-25.1	-30.7	-31.0	-28.2	-22.0
-20.3	-22.4	-26.6	-25.0	-22.7	-30.0
-0.4	-2.9	-3.3	-4.0	-0.3	-0.8
-2.1	-2.9	-1.7	-1.1	2.1	5.3
-4.1	-2.4	-5.5	-2.7	-1.3	-0.9
-11.7	-7.5	-13.2	-10.2	-15.1	-13.2
0.1	2.9	1.6	-0.1	10.5	-7.5
-13.6	-12.0	-11.3	-10.7	-7.6	-4.2
-7.7	0.5	6.9	6.1	6.9	9.6
-31.5	-31.3	-31.0	-31.8	-29.0	-34.4
-25.1	-26.3	-23.8	-22.1	-19.4	-18.0
-12.1	-9.7	-11.2	-6.6	-4.0	-6.2
-21.6	-21.5	-16.3	-16.9	-14.0	-14.6
-14.6	-15.7	-7.0	-4.7	-2.1	4.5
-16.5	-17.4	-16.3	-16.6	-13.6	-12.4
-24.5	-22.7	-17.6	-20.9	-20.3	-17.1
-19.8	-17.6	-13.7	-14.0	-9.1	-6.7
0.9	2.8	5.4	9.6	10.7	4.9
-10.8	-10.1	-6.9	-8.9	-4.3	-3.0
-14.0	-20.5	-50.0	-50.0	-43.2	-43.4
-26.8	-32.3	-35.8	-32.3	-26.1	-22.9
-28.2	-21.5	-24.8	-26.0	-27.6	-31.2
-23.2	-21.2	-29.9	-28.8	-27.3	-24.8
4.0	1.1	-8.4	-3.5	0.8	31.4
-8.2	-8.7	-15.8	-17.0	-11.2	-8.8
-11.6	-8.4	-15.2	-11.4	-12.2	-9.3
-15.9	-15.6	-16.2	-16.1	-14.0	-19.1
-13.9	-13.1	-7.3	-8.2	-6.5	-11.7
-7.5	-7.6	0.9	-0.8	3.7	4.7
34.1	26.5	42.2	44.6	61.4	60.0
0.0	6.6	18.5	15.8	20.1	13.4
-2.7	-0.1	1.5	1.0	2.0	8.8

2023-05	2023-06	2023-07
-10.5	-10.4	-9.0
:	:	:
-11.5	-11.5	-12.6
-9.8	-19.4	-20.3
-23.8	-18.5	-15.3
-10.0	-9.5	-6.5
-20.1	-17.5	-18.0
-22.2	-27.2	-25.4
0.3	-1.3	-1.3
3.8	7.9	11.4
-1.2	-4.9	-1.0
-6.6	-8.4	-7.6
-10.2	-4.7	0.9
-2.5	-2.8	-2.5
1.9	0.4	6.1
-30.4	-29.8	-31.0
-14.7	-13.3	-13.9
-5.6	-0.7	-1.4
-13.8	-10.8	-9.7
4.2	1.0	3.6
-11.3	-10.2	-7.9
-12.5	-15.3	-12.3
-5.6	-0.7	-0.9
4.7	6.2	6.8
-5.3	-1.2	-3.6
-38.0	-32.9	-34.1
-17.7	-7.6	-11.6
-28.8	-27.4	-27.5
-23.4	-22.1	-21.1
19.4	18.0	20.9
-9.9	-6.1	-8.1
-7.4	-7.3	-4.5
-18.0	-16.5	-15.2
-16.2	-18.8	-12.4
8.1	6.9	2.0
64.5	73.8	71.6
20.6	18.8	17.9
8.2	6.7	7.7

Data extracted on 25/08/2023 10:07:55 from [ESTAT]

Dataset:

Commercial flights by reporting country – monthly data (source: Eurocontrol)

Last updated:

09/08/2023 23:00

Time frequency

Monthly

Unit of measure

Percentage change m/m-1

TIME	2019-01	2019-02	2019-03	2019-04
GEO (Labels)				
European Union - 27 countries (from 2007)	:	z -7.1	15.2	9.7
European Union - 28 countries (2013-2020)	:	z -6.7	14.9	9.1
Belgium	:	z -11.3	16.6	10.4
Bulgaria	:	z -9.2	12.8	8.4
Czechia	:	z -8.0	21.1	6.9
Denmark	:	z -2.8	16.7	-1.7
Germany	:	z -4.8	14.0	5.8
Estonia	:	z -10.2	11.9	6.9
Ireland	:	z -7.2	15.1	11.5
Greece	:	z -10.2	18.8	58.2
Spain	:	z -7.5	17.4	18.4
France	:	z -5.7	16.2	12.9
Croatia	:	z -7.5	19.2	87.1
Italy	:	z -6.7	14.4	16.2
Cyprus	:	z -6.0	25.2	42.8
Latvia	:	z -11.4	14.8	16.2
Lithuania	:	z -10.6	10.8	10.5
Luxembourg	:	z -4.7	14.3	8.2
Hungary	:	z -8.1	16.4	10.7
Malta	:	z -8.7	22.5	27.4
Netherlands	:	z -4.8	14.1	6.7
Austria	:	z -3.1	17.1	-0.5
Poland	:	z -8.3	11.4	8.9
Portugal	:	z -8.3	17.0	21.5
Romania	:	z -10.4	9.5	10.7
Slovenia	:	z -9.2	13.0	6.2
Slovakia	:	z -6.3	14.5	5.8
Finland	:	z -7.3	11.9	-3.9
Sweden	:	z -5.2	16.0	-4.9
Iceland	:	z -7.8	9.7	-20.7
Norway	:	z -5.5	12.8	-5.9
Switzerland	:	z -5.7	11.9	-2.3
United Kingdom	:	z -3.9	13.2	7.4
Montenegro	:	z -10.5	17.7	36.4
North Macedonia	:	z -11.9	17.6	20.1
Albania	:	z -15.6	9.2	18.9
Serbia	:	z -9.7	12.4	15.3
Türkiye	:	z -10.1	14.0	8.3

Special value

: not available

Available flags:

z not applicable

) [AVIA_TF_CM]

2019-05	2019-06	2019-07	2019-08	2019-09	2019-10
8.2	5.3	6.1	-1.0	-4.4	-6.6
8.4	4.5	5.8	-0.9	-4.5	-6.0
5.3	-0.6	8.4	-3.3	-2.1	-2.5
27.3	52.8	19.8	0.0	-23.3	-39.2
10.8	17.8	4.4	0.2	-3.1	-15.0
10.9	1.4	-2.0	2.2	0.6	-1.2
7.9	0.3	3.9	-2.4	1.4	-0.4
6.4	3.0	-2.0	2.6	-1.4	0.7
9.2	1.3	4.3	-0.2	-5.3	-5.1
56.6	31.9	16.6	1.6	-16.7	-30.9
7.5	6.2	7.1	-1.0	-6.6	-6.4
3.9	4.7	6.4	-4.2	-4.3	-5.6
43.9	24.2	22.3	-1.3	-22.7	-25.7
8.3	7.1	8.9	-1.6	-7.4	-10.0
20.5	10.9	5.5	1.5	-6.6	-7.1
8.8	-0.6	4.6	0.0	-5.0	-2.6
10.0	-4.8	-0.2	3.0	0.2	3.7
5.0	-2.0	0.7	-6.5	8.9	-0.3
6.4	1.8	7.0	0.1	-3.0	-3.8
6.8	2.9	6.7	-0.5	-3.8	-3.4
8.1	-2.9	3.2	0.4	-1.7	0.0
3.8	6.0	2.3	-1.4	-2.9	-3.8
10.2	5.5	5.1	0.5	-3.7	-8.6
6.1	2.7	8.5	0.1	-6.8	-6.3
7.2	4.6	8.7	0.0	-5.9	-8.0
5.3	-1.8	9.9	-1.1	-17.8	-43.2
7.6	39.6	20.4	-2.6	-15.3	-33.7
7.5	-3.6	-2.9	3.7	3.4	-0.9
9.5	-2.5	-6.9	5.0	6.7	-2.7
23.6	22.3	9.7	1.1	-19.7	-8.4
12.3	-0.8	-1.5	1.5	1.0	0.7
3.0	1.3	4.9	-3.0	-2.1	-2.4
10.7	1.0	4.0	-0.2	-4.9	-4.1
39.2	45.6	15.0	2.8	-18.8	-40.3
8.4	10.1	18.3	5.4	-15.6	-16.8
7.2	9.6	19.2	2.0	-14.6	-15.5
7.3	14.7	15.4	1.5	-10.2	-11.9
17.3	14.6	9.3	2.4	-10.3	-7.3

2019-11	2019-12	2020-01	2020-02	2020-03	2020-04
-19.0	0.1	-2.6	-5.0	-36.5	-82.7
-18.8	0.6	-2.9	:	:	:
-12.9	-1.8	-2.5	-4.5	-28.5	-70.8
-18.2	5.2	1.4	-6.4	-27.9	-73.8
-18.3	2.0	-9.9	-7.0	-38.3	-85.8
-15.5	-7.5	2.6	-2.3	-36.4	-86.3
-20.7	-3.4	-1.6	-3.3	-34.0	-78.8
-19.8	-1.3	-1.1	-4.2	-35.0	-84.4
-20.1	2.1	-4.3	-4.3	-17.8	-86.9
-54.2	-1.3	-5.7	-8.7	-23.1	-73.0
-24.7	0.8	-6.5	-2.1	-34.4	-90.8
-19.2	1.9	-1.2	-3.8	-35.7	-88.4
-56.3	-7.0	-6.7	-3.3	-25.4	-86.7
-20.2	2.6	-5.3	-5.6	-62.4	-82.8
-37.6	-13.4	4.5	-8.9	-31.8	-87.1
-17.9	4.5	-2.1	-8.8	-37.9	-91.8
-16.0	-1.0	0.6	-5.5	-35.0	-81.9
-7.4	-3.9	-3.8	-5.9	-29.2	-73.0
-11.6	2.8	-5.2	-6.4	-32.6	-85.7
-25.1	0.5	-7.6	-5.6	-40.6	-81.2
-17.3	1.3	-2.6	-5.7	-27.5	-80.9
-12.9	4.6	-0.7	-2.7	-44.9	-90.5
-12.4	2.1	-0.4	-7.0	-47.6	-92.7
-22.7	1.9	-4.9	-2.9	-30.7	-91.0
-12.1	2.9	-2.9	-7.5	-32.5	-83.3
7.9	2.5	-6.0	-5.2	-28.1	-59.1
-15.1	6.5	-9.6	-4.4	-46.3	-74.5
-10.9	8.4	-3.9	-4.9	-31.8	-84.6
-14.0	-7.7	2.1	-1.7	-26.9	-82.8
-11.6	2.4	-11.0	-2.3	-23.8	-82.4
-10.5	-9.4	7.0	-5.7	-21.9	-53.6
-17.8	10.6	3.5	-4.5	-39.3	-90.3
-20.2	3.8	-4.9	-2.5	-29.5	-85.9
-38.1	3.9	-4.6	-6.9	-44.8	-91.4
-17.4	7.8	-1.9	-9.7	-39.4	-89.2
-8.7	11.1	-10.0	-16.0	-48.3	-84.5
-17.3	2.5	-3.7	-7.3	-40.9	-88.3
-25.9	-4.5	1.4	-8.9	-33.3	-90.7

2020-05	2020-06	2020-07	2020-08	2020-09	2020-10
24.9	63.9	144.8	26.6	-15.4	-13.0
:	:	:	:	:	:
19.5	22.7	92.6	11.1	-17.1	-6.0
63.4	64.0	101.4	7.4	-17.9	-23.3
19.0	75.2	159.0	16.1	-7.9	-31.1
13.7	82.0	124.4	16.2	-0.5	-11.7
16.2	51.4	99.9	16.4	-5.3	-7.1
98.6	71.6	47.5	4.1	-11.2	-14.8
12.8	20.3	186.6	25.9	-19.2	-19.4
22.3	100.3	256.8	41.5	-25.6	-28.6
19.7	79.5	372.4	34.1	-31.9	-19.2
35.1	107.2	168.8	28.5	-17.6	-13.4
103.6	217.8	192.3	39.1	-44.4	-44.2
32.9	120.7	209.6	37.1	-20.2	-17.9
28.7	117.9	192.6	29.4	-8.1	-8.1
86.6	145.5	124.0	6.9	-4.4	-22.2
12.4	97.9	109.0	20.2	-12.9	-23.9
20.0	49.5	86.2	4.3	-4.4	-3.5
28.7	93.8	110.9	11.5	-43.8	-22.3
12.4	0.5	353.7	56.1	-20.5	-19.6
34.5	42.8	100.0	35.4	-7.4	-13.5
25.5	139.6	166.0	29.8	-11.0	-23.0
4.4	182.1	360.3	30.1	-14.7	-16.8
38.0	96.6	236.4	43.5	-14.2	-11.6
-0.1	71.5	190.2	16.4	-11.8	-13.1
-7.9	50.9	37.0	13.2	-16.6	-13.1
-7.7	100.0	105.0	42.3	-19.1	-27.5
16.6	35.6	64.2	23.4	-22.2	-6.3
8.6	35.2	62.3	22.2	8.6	2.6
3.7	95.8	126.2	3.1	-54.3	-21.0
2.0	28.0	34.6	4.4	3.6	-2.5
46.8	122.3	142.5	17.6	-20.3	-15.5
20.3	28.5	149.4	50.6	-8.4	-14.8
-1.9	568.6	217.0	34.9	-9.7	-40.1
20.5	-17.9	949.4	-1.4	-20.1	-12.7
38.8	115.1	338.5	19.0	-27.5	-18.9
67.5	217.8	81.3	1.8	-1.8	-1.0
26.2	283.2	103.9	40.9	-0.6	-4.6

2020-11	2020-12	2021-01	2021-02	2021-03	2021-04
-33.1	4.5	-6.1	-19.7	20.6	13.7
:	:	:	:	:	:
-14.9	5.9	-8.5	-17.4	7.9	12.8
-33.3	13.9	-13.6	-21.2	18.0	18.7
-31.2	14.4	-14.2	-14.4	15.1	6.3
-32.4	-4.7	-18.1	-28.7	31.1	8.2
-36.5	-2.8	-7.0	-17.9	30.1	15.9
-1.9	-5.3	-11.3	-16.9	21.5	13.4
-37.0	-1.2	0.5	-31.1	15.8	2.5
-65.1	-11.4	2.7	-15.2	22.5	21.4
-29.8	14.4	-18.1	-22.8	30.9	23.5
-43.3	28.3	2.7	-18.9	10.9	2.5
-35.1	-17.7	-1.1	-9.9	29.8	30.9
-43.7	-5.1	-10.1	-19.3	24.4	24.5
-52.0	-13.9	-19.1	-6.8	34.5	40.3
-29.5	6.8	-18.7	-35.3	28.4	30.0
-33.0	-3.9	0.2	-18.5	23.8	21.0
-17.2	-1.1	-7.3	-17.3	12.8	15.9
-17.0	-2.3	-9.0	-10.3	17.5	9.6
-38.3	-12.6	-8.4	-21.8	15.9	20.9
-25.9	0.4	-3.2	-26.0	15.4	12.6
-41.4	-2.6	-8.9	-17.2	34.0	24.6
-39.3	-1.7	-12.1	-34.4	34.4	18.6
-38.7	6.7	-11.2	-44.4	21.1	62.2
-40.8	21.9	2.1	-22.2	18.9	35.8
-30.0	3.0	-3.4	-2.7	22.5	-5.0
-44.4	43.5	-14.8	-5.9	-9.8	-25.7
-0.5	-6.4	0.6	-10.3	11.1	-8.9
-19.8	-10.1	-10.0	-12.9	19.6	2.4
-31.3	40.6	-9.2	-26.6	30.8	-0.7
-12.8	-10.8	0.2	-14.7	18.3	-4.9
-36.8	27.8	-5.5	-23.2	18.5	21.0
-44.1	11.5	-27.0	-27.1	23.5	9.6
-37.9	-9.4	-24.1	7.7	27.8	15.7
-11.3	3.9	11.6	-18.0	30.4	8.7
-28.9	0.9	0.1	-14.8	24.5	11.1
-24.4	-11.4	-7.7	-12.3	19.8	20.4
-25.8	-18.7	8.6	-6.2	29.0	1.8

2021-05	2021-06	2021-07	2021-08	2021-09	2021-10
21.9	43.5	46.6	8.1	-7.2	-2.1
:	:	:	:	:	:
17.9	36.2	41.1	3.0	-1.9	-1.4
13.7	58.8	72.6	14.9	-22.2	-27.8
32.0	68.8	41.5	7.2	-0.3	-9.9
20.0	49.5	71.3	7.7	6.5	6.8
13.4	32.0	45.1	7.4	1.0	6.8
20.6	25.0	18.1	11.2	4.2	5.6
11.7	59.8	62.3	32.9	5.6	5.5
73.1	122.4	75.1	12.9	-20.8	-22.3
32.0	45.8	55.2	8.3	-9.3	0.6
27.4	38.8	55.2	4.9	-11.7	-1.5
36.2	81.0	97.9	17.3	-19.7	-27.4
19.5	79.4	55.5	12.9	-12.1	-7.7
61.1	43.5	48.3	7.1	-5.6	9.8
29.4	35.2	41.1	16.0	-3.6	4.2
7.1	46.4	41.1	7.4	-5.3	7.2
14.9	11.9	28.7	4.5	4.9	3.0
13.8	90.0	47.5	10.8	0.0	1.7
24.9	96.0	52.0	9.2	-9.4	0.2
15.7	25.5	52.0	8.9	-3.8	3.1
17.3	44.2	57.7	10.6	-3.7	-2.9
23.1	91.7	42.2	8.3	-3.3	-8.6
36.4	44.4	31.7	12.7	-8.5	2.3
21.3	47.4	31.5	7.2	-7.3	-12.4
30.1	33.1	53.8	4.6	-8.9	-1.6
55.7	127.5	62.1	5.4	-14.1	-19.1
10.3	23.9	28.4	21.0	8.7	14.7
12.7	36.6	31.8	9.4	8.5	3.1
31.0	94.8	102.3	13.2	-13.5	-6.1
4.5	14.7	20.0	10.4	10.5	3.6
13.9	29.4	63.3	7.8	-5.6	5.2
26.3	44.6	42.9	28.1	5.9	5.3
67.8	81.2	82.3	7.2	-31.2	-42.1
25.8	28.0	45.1	0.9	-14.4	-18.5
39.7	49.7	38.4	24.7	-19.5	-21.5
24.2	44.6	47.4	-1.2	-18.6	-14.4
-7.5	59.4	50.3	3.2	-9.6	0.1

2021-11	2021-12	2022-01	2022-02	2022-03	2022-04
-13.9	2.6	-15.2	-4.9	25.9	20.5
:	:	:	:	:	:
-5.0	-1.9	-16.0	-3.6	26.3	7.3
-25.3	13.4	-7.0	-14.3	17.5	28.8
-6.7	2.2	-22.3	-1.6	27.4	19.1
-6.2	-2.0	-18.0	-2.6	28.2	19.1
-15.8	-2.3	-16.4	-6.8	28.7	24.0
5.0	3.3	-12.5	-14.8	23.3	13.0
-2.1	13.4	-19.7	6.1	34.8	21.2
-57.0	-3.0	-19.6	-8.2	29.3	71.3
-20.5	5.1	-14.0	-2.8	28.2	28.3
-9.8	3.1	-18.8	5.8	25.5	15.3
-55.7	8.5	-12.2	-8.2	31.1	69.8
-13.7	4.1	-18.0	-3.9	29.8	29.3
-37.5	-13.5	-19.6	-9.0	29.4	52.7
-6.9	4.7	-16.2	-19.0	18.6	23.4
-4.3	2.8	-13.2	-9.2	18.3	23.2
-5.3	3.2	-21.9	3.2	25.4	15.6
-0.5	5.9	-15.5	-5.7	25.6	15.9
-21.4	1.0	-35.5	-2.4	56.9	36.8
-12.4	4.3	-12.5	-6.5	26.0	12.2
-15.3	-1.9	-7.4	-5.9	27.6	12.1
-5.2	5.4	-19.8	-11.8	29.8	13.4
-15.5	2.7	-14.4	-1.5	27.8	26.2
-20.6	14.6	-15.9	-16.6	47.2	26.0
-12.7	4.6	-10.2	-8.0	17.9	14.6
-11.7	17.7	-34.2	5.8	45.3	11.9
9.5	27.1	-15.3	-13.2	14.4	6.5
0.1	0.3	-17.2	-9.0	27.5	20.6
-11.7	11.3	-15.0	4.5	17.5	20.8
2.0	-4.3	-16.4	-5.6	31.4	6.2
-19.4	13.8	-3.3	-0.6	18.8	8.1
-12.7	7.4	-21.6	9.8	31.8	22.9
-25.3	-0.8	-14.4	-5.8	21.2	41.7
-19.4	23.4	-15.5	-25.9	33.3	27.1
-17.5	16.0	-6.8	-19.1	28.8	29.1
-10.9	6.3	-5.1	-21.1	31.7	15.6
-29.1	-4.5	-6.7	-6.8	10.9	20.1

2022-05	2022-06	2022-07	2022-08	2022-09	2022-10
12.7	5.2	7.2	0.2	-5.9	-4.9
:	:	:	:	:	:
10.1	-2.9	13.2	-1.2	-5.4	-4.5
15.6	28.7	26.4	-0.5	-18.5	-25.9
12.7	24.6	7.2	-1.1	-5.2	-17.8
13.4	1.6	-0.5	3.1	-0.9	-0.6
12.8	1.6	0.3	2.5	-2.0	-0.2
14.9	-3.8	-1.8	2.5	2.0	0.3
10.2	0.3	1.4	0.0	-3.4	-1.4
59.1	38.0	23.0	0.2	-18.2	-27.7
8.3	3.3	9.4	-1.0	-7.8	-0.5
13.3	2.7	9.2	-3.5	-7.3	-2.0
38.6	34.2	26.3	0.7	-20.1	-26.4
11.9	6.9	9.6	-1.1	-5.1	-9.8
16.3	8.1	9.0	3.1	-7.0	1.0
8.3	2.2	2.9	-1.3	-0.8	0.6
12.5	-0.1	-3.3	2.2	-2.1	-0.1
14.0	-2.1	0.8	-4.0	3.4	-3.2
8.1	6.9	3.4	-1.9	-3.4	-5.6
4.2	2.2	11.9	-3.1	-4.8	-6.1
15.1	-2.6	-0.1	2.2	-1.7	-2.2
15.9	5.6	6.6	1.0	-2.5	-7.4
20.0	11.8	4.1	-0.2	-3.2	-8.8
8.1	3.2	9.0	-0.1	-5.8	-2.4
2.6	6.6	8.6	1.6	-13.2	-7.4
14.3	13.2	7.4	-2.2	-0.3	-13.4
17.2	40.8	25.2	-0.2	-17.0	-33.7
16.3	-5.4	0.4	-0.1	1.4	1.1
14.8	0.5	-9.1	8.8	3.8	-3.4
14.7	23.0	11.5	-0.4	-15.2	-4.8
13.8	-0.9	-7.2	10.9	0.3	-2.0
7.6	0.2	9.7	-1.1	-4.7	-0.8
15.3	2.2	3.6	-1.0	-3.6	-1.8
28.1	34.4	29.7	-0.8	-24.0	-31.9
8.4	31.4	13.9	-1.9	-9.2	-13.2
17.1	6.5	16.8	7.2	-15.7	-14.7
16.1	20.3	16.7	-1.0	-9.7	-13.6
26.4	13.5	15.6	0.6	-10.4	-7.9

2022-11	2022-12	2023-01	2023-02	2023-03	2023-04
-21.0	1.5	-4.5	-5.8	16.7	13.4
:	:	:	:	:	:
-14.4	-1.3	-4.2	-4.3	16.0	8.3
-21.4	8.2	1.3	-10.4	16.5	9.8
-20.2	1.9	-11.3	-2.0	26.8	13.0
-18.4	-6.0	-0.9	-2.5	20.4	6.1
-20.6	-6.4	-5.0	-5.2	18.7	14.9
-19.4	-3.9	1.7	-8.2	15.3	-3.2
-14.6	-0.4	-1.0	-7.9	19.6	11.0
-58.6	-2.0	-5.9	-9.7	22.6	63.2
-25.7	2.6	-6.2	-4.8	19.0	18.9
-20.1	6.6	-7.8	-2.5	9.8	15.5
-54.3	-4.4	-4.9	-9.0	31.7	56.6
-26.1	4.6	-4.4	-6.1	18.4	20.5
-38.9	-5.7	-5.8	-6.7	26.2	46.4
-14.1	4.8	-5.1	-12.5	19.4	7.5
-22.2	-2.6	1.6	-8.5	14.6	12.5
-13.2	-1.2	-10.8	0.2	17.5	5.7
-12.8	3.0	-8.4	-8.8	20.5	9.9
-22.3	-0.9	-5.1	-6.5	25.9	36.1
-18.8	0.2	-2.2	-5.2	18.2	8.2
-17.8	7.0	0.1	-7.1	18.1	3.4
-21.2	4.8	-2.7	-8.6	17.7	11.8
-24.2	3.8	-3.4	-4.7	18.2	15.2
-11.3	3.8	0.1	-12.4	15.1	12.2
-13.1	-5.3	-0.6	-9.2	28.4	5.9
-23.5	-1.6	-6.4	-1.4	25.1	10.4
-7.0	18.5	-7.0	-8.8	9.6	-8.7
-10.8	-5.4	-1.1	-3.7	18.5	-1.6
-18.4	-0.5	1.2	-2.9	14.6	3.4
-10.2	-9.9	0.1	-6.9	20.6	-3.3
-18.8	14.6	-2.5	-1.6	11.0	0.9
-22.3	4.2	-3.1	-3.8	16.1	1.0
-31.5	5.0	-0.5	-11.4	19.9	28.8
-20.2	7.7	-5.6	-13.4	22.9	21.3
-16.6	4.9	-1.8	-14.2	21.9	17.8
-14.3	9.2	-1.7	-11.8	16.6	8.9
-24.9	-1.9	3.4	-10.5	15.0	15.5

2023-05	2023-06	2023-07
10.7	5.4	7.7
:	:	:
8.8	-0.6	7.1
12.8	36.5	18.6
11.0	25.9	8.5
11.4	2.1	1.3
10.6	3.5	3.3
18.3	-3.6	0.4
10.4	-0.4	4.3
54.4	37.2	20.4
7.1	2.2	11.5
11.7	2.7	7.3
39.8	31.8	29.4
10.2	6.8	9.2
12.1	9.3	11.5
15.3	0.3	2.8
14.3	-3.3	-0.8
5.6	3.1	-0.1
7.3	5.4	8.3
6.5	-0.2	9.4
9.4	-1.7	5.8
9.6	2.6	5.9
11.4	11.1	4.9
5.9	4.1	9.1
4.6	9.2	6.0
15.4	6.1	8.1
14.8	56.7	15.1
11.2	-1.6	-3.0
11.7	-0.8	-5.7
12.3	21.0	12.3
11.0	3.5	-3.6
5.1	1.4	8.0
12.2	2.8	5.6
32.1	41.0	24.1
11.9	8.9	12.9
10.3	15.8	17.6
14.0	13.1	14.5
16.6	13.1	10.3

Data extracted on 25/08/2023 10:07:55 from [ESTAT]

Dataset:

Commercial flights by reporting country – monthly data (source: Eurocontrol)

Last updated:

09/08/2023 23:00

Time frequency

Monthly

Unit of measure

Percentage change m/m-12

TIME	2019-01	2019-02	2019-03	2019-04
GEO (Labels)				
European Union - 27 countries (from 2007)	:	Z	:	Z
European Union - 28 countries (2013-2020)	:	Z	:	Z
Belgium	:	Z	:	Z
Bulgaria	:	Z	:	Z
Czechia	:	Z	:	Z
Denmark	:	Z	:	Z
Germany	:	Z	:	Z
Estonia	:	Z	:	Z
Ireland	:	Z	:	Z
Greece	:	Z	:	Z
Spain	:	Z	:	Z
France	:	Z	:	Z
Croatia	:	Z	:	Z
Italy	:	Z	:	Z
Cyprus	:	Z	:	Z
Latvia	:	Z	:	Z
Lithuania	:	Z	:	Z
Luxembourg	:	Z	:	Z
Hungary	:	Z	:	Z
Malta	:	Z	:	Z
Netherlands	:	Z	:	Z
Austria	:	Z	:	Z
Poland	:	Z	:	Z
Portugal	:	Z	:	Z
Romania	:	Z	:	Z
Slovenia	:	Z	:	Z
Slovakia	:	Z	:	Z
Finland	:	Z	:	Z
Sweden	:	Z	:	Z
Iceland	:	Z	:	Z
Norway	:	Z	:	Z
Switzerland	:	Z	:	Z
United Kingdom	:	Z	:	Z
Montenegro	:	Z	:	Z
North Macedonia	:	Z	:	Z
Albania	:	Z	:	Z
Serbia	:	Z	:	Z
Türkiye	:	Z	:	Z

Special value

: not available

Available flags:

z not applicable

) [AVIA_TF_CM]

[illegible]

2019-11	2019-12		2020-01		2020-02	2020-03	2020-04	
	:	Z	:	Z	-0.8	1.4	-44.1	-91.2
	:	Z	:	Z	-1.2	:	:	:
	:	Z	:	Z	-0.4	7.2	-34.3	-82.6
	:	Z	:	Z	5.4	8.7	-30.5	-83.2
	:	Z	:	Z	0.7	1.7	-48.2	-93.1
	:	Z	:	Z	0.1	0.6	-45.2	-92.4
	:	Z	:	Z	-4.2	-2.7	-43.6	-88.7
	:	Z	:	Z	-8.0	-1.8	-43.0	-91.7
	:	Z	:	Z	-3.8	-0.7	-29.1	-91.7
	:	Z	:	Z	1.4	3.1	-33.2	-88.6
	:	Z	:	Z	-3.4	2.3	-42.8	-95.6
	:	Z	:	Z	0.6	2.7	-43.2	-94.2
	:	Z	:	Z	-3.2	1.2	-36.6	-95.5
	:	Z	:	Z	-0.2	1.0	-66.8	-95.1
	:	Z	:	Z	17.9	14.3	-37.7	-94.4
	:	Z	:	Z	3.6	6.7	-42.2	-95.9
	:	Z	:	Z	2.4	8.3	-36.5	-89.6
	:	Z	:	Z	6.0	4.7	-35.2	-83.8
	:	Z	:	Z	10.5	12.6	-34.8	-91.6
	:	Z	:	Z	7.5	11.1	-46.2	-92.1
	:	Z	:	Z	1.0	0.1	-36.4	-88.6
	:	Z	:	Z	5.9	6.3	-50.0	-95.2
	:	Z	:	Z	7.3	8.8	-48.8	-96.6
	:	Z	:	Z	0.9	6.8	-36.7	-95.3
	:	Z	:	Z	0.5	3.8	-36.0	-90.3
	:	Z	:	Z	-40.5	-37.9	-60.5	-84.8
	:	Z	:	Z	-8.3	-6.4	-56.1	-89.4
	:	Z	:	Z	-1.1	1.5	-38.2	-90.1
	:	Z	:	Z	-8.1	-4.7	-40.0	-89.2
	:	Z	:	Z	-20.3	-15.5	-41.3	-87.0
	:	Z	:	Z	-1.4	-1.6	-31.9	-66.4
	:	Z	:	Z	-1.7	-0.4	-46.0	-94.7
	:	Z	:	Z	-2.7	-1.3	-38.6	-92.0
	:	Z	:	Z	2.2	6.4	-50.1	-96.9
	:	Z	:	Z	13.5	16.4	-40.0	-94.6
	:	Z	:	Z	3.1	2.6	-51.4	-93.6
	:	Z	:	Z	8.9	11.9	-41.2	-94.1
	:	Z	:	Z	-0.4	0.9	-40.9	-94.9

2020-05	2020-06	2020-07	2020-08	2020-09	2020-10
-89.8	-84.2	-63.5	-53.4	-58.7	-61.5
:	:	:	:	:	:
-80.3	-75.6	-56.7	-50.2	-57.9	-59.4
-78.4	-76.8	-61.1	-58.2	-55.3	-43.7
-92.6	-89.0	-72.8	-68.5	-70.1	-75.7
-92.2	-86.0	-67.9	-63.4	-63.8	-67.7
-87.9	-81.7	-64.8	-58.0	-60.8	-63.4
-84.5	-74.2	-61.2	-60.6	-64.5	-70.0
-91.4	-89.8	-71.9	-64.5	-69.8	-74.3
-91.1	-86.5	-58.7	-42.5	-48.7	-47.0
-95.1	-91.7	-63.2	-50.2	-63.7	-68.6
-92.4	-85.0	-62.1	-49.1	-56.2	-59.8
-93.6	-83.7	-61.2	-45.3	-60.6	-70.4
-94.0	-87.6	-64.7	-50.8	-57.7	-61.4
-94.0	-88.2	-67.2	-58.2	-58.9	-59.3
-93.0	-82.8	-63.2	-60.6	-60.4	-68.3
-89.3	-77.8	-53.6	-45.8	-52.9	-65.4
-81.5	-71.7	-47.7	-41.6	-48.8	-50.4
-89.8	-80.7	-61.9	-57.5	-75.4	-80.1
-91.7	-91.9	-65.4	-45.7	-55.1	-62.6
-85.9	-79.2	-59.7	-45.6	-48.7	-55.7
-94.2	-87.0	-66.1	-55.4	-59.1	-67.3
-96.7	-91.3	-61.9	-50.8	-56.4	-60.3
-93.9	-88.4	-63.9	-48.3	-52.3	-55.1
-91.0	-85.3	-60.6	-54.2	-57.0	-59.4
-86.7	-79.5	-74.5	-70.8	-70.4	-54.7
-90.9	-87.0	-77.9	-67.7	-69.1	-66.2
-89.2	-84.8	-74.4	-69.5	-77.1	-78.3
-89.3	-85.1	-74.1	-69.8	-69.3	-67.6
-89.1	-82.5	-63.9	-63.2	-79.0	-81.9
-69.5	-60.7	-46.2	-44.7	-43.3	-45.1
-92.4	-83.3	-61.4	-53.2	-61.9	-67.0
-91.3	-88.9	-73.3	-59.8	-61.3	-65.6
-97.8	-89.9	-72.1	-63.3	-59.2	-59.1
-94.0	-95.5	-60.4	-63.0	-65.0	-63.2
-91.8	-83.9	-40.6	-30.7	-41.2	-43.5
-90.7	-74.3	-59.6	-59.5	-55.7	-50.2
-94.5	-81.8	-66.0	-53.2	-48.2	-46.6

2020-11	2020-12	2021-01	2021-02	2021-03	2021-04
-68.3	-66.9	-68.1	-73.0	-48.7	237.7
:	:	:	:	:	:
-60.3	-57.2	-59.8	-65.2	-47.5	102.6
-54.1	-50.3	-57.6	-64.3	-41.7	164.1
-79.6	-77.1	-78.2	-79.9	-62.6	180.9
-74.1	-73.4	-78.7	-84.5	-68.0	153.0
-70.7	-70.5	-72.1	-76.3	-53.3	155.5
-63.3	-64.7	-68.4	-72.6	-48.7	274.3
-79.7	-80.4	-79.4	-85.2	-79.1	63.2
-59.6	-63.8	-60.5	-63.3	-41.6	162.9
-70.7	-66.8	-70.9	-77.0	-54.2	516.4
-71.8	-64.5	-63.1	-68.9	-46.3	374.5
-56.1	-61.1	-58.8	-61.6	-33.3	559.2
-72.8	-74.8	-76.1	-79.6	-32.4	389.3
-68.7	-68.9	-75.9	-75.4	-51.5	427.3
-72.8	-72.2	-76.9	-83.6	-66.1	439.2
-72.4	-73.3	-73.4	-77.0	-56.2	191.9
-55.6	-54.3	-56.0	-61.4	-38.4	163.8
-81.4	-82.3	-83.0	-83.7	-71.6	118.1
-69.2	-73.2	-73.4	-78.0	-57.1	176.5
-60.2	-60.6	-60.8	-69.3	-51.1	188.6
-78.0	-79.5	-81.2	-84.0	-61.1	411.6
-72.6	-73.6	-76.7	-83.5	-57.8	585.4
-64.4	-62.7	-65.2	-80.0	-65.1	530.5
-72.6	-67.6	-65.9	-71.3	-49.6	310.6
-70.6	-70.5	-69.7	-68.9	-47.0	23.3
-77.9	-70.2	-71.9	-72.3	-53.5	35.3
-75.8	-79.1	-78.1	-79.4	-66.4	98.2
-69.8	-70.6	-74.1	-77.0	-62.4	124.5
-85.9	-80.7	-80.3	-85.2	-74.6	43.1
-46.5	-47.3	-50.6	-55.3	-32.3	38.7
-74.7	-70.7	-73.3	-78.5	-58.0	427.1
-75.9	-74.1	-80.1	-85.1	-73.9	103.5
-58.9	-64.2	-71.5	-67.0	-23.7	932.7
-60.5	-61.9	-56.7	-60.7	-15.3	753.4
-56.0	-60.1	-55.6	-54.9	8.5	675.4
-54.4	-60.6	-62.3	-64.3	-27.7	646.8
-46.6	-54.6	-51.3	-49.8	-3.0	963.2

2021-05	2021-06	2021-07	2021-08	2021-09	2021-10
229.6	188.5	72.8	47.6	61.8	81.9
:	:	:	:	:	:
99.9	121.9	62.6	50.7	78.4	87.1
83.8	78.0	52.5	63.2	54.8	45.7
211.6	200.3	64.2	51.6	64.0	114.6
167.0	119.4	67.5	55.2	66.1	100.9
149.6	117.6	58.0	45.7	55.5	78.7
127.2	65.5	32.5	41.6	66.1	105.8
61.7	114.8	21.6	28.4	67.8	119.6
272.1	313.3	102.8	61.7	72.2	87.5
579.6	452.0	81.4	46.5	95.1	142.8
347.6	199.7	73.1	41.4	51.6	72.5
340.9	151.1	70.0	43.4	107.1	169.5
340.2	257.9	79.8	48.1	63.1	83.4
560.0	334.5	120.3	82.4	87.3	123.6
273.8	105.9	29.7	40.8	41.9	90.1
178.1	105.8	38.9	24.2	35.1	90.4
152.8	89.2	30.8	31.0	43.7	53.5
92.9	89.1	32.2	31.5	134.0	206.1
207.3	499.3	100.7	40.3	60.1	99.5
148.2	118.1	65.7	33.3	38.5	65.1
378.1	187.7	70.6	45.4	57.3	98.2
708.0	449.0	69.6	41.2	60.3	76.1
523.3	358.0	79.3	40.9	50.1	73.9
398.6	328.4	94.2	78.9	88.0	89.5
74.1	53.6	72.4	59.3	73.9	97.1
128.3	159.7	105.4	52.2	61.6	80.4
87.5	71.3	33.9	31.4	83.6	124.8
133.1	135.5	91.2	71.3	71.1	71.8
80.7	79.8	60.8	76.6	234.0	296.6
42.1	27.3	13.4	19.9	27.9	35.9
309.0	138.0	60.2	47.0	74.0	116.7
113.6	140.4	37.8	17.2	35.5	67.4
1,666.7	378.9	175.4	118.9	66.7	61.2
791.5	1,290.8	92.3	96.9	110.8	96.8
680.6	443.3	71.4	79.6	99.5	93.0
453.8	151.9	104.9	98.8	64.9	42.6
679.1	224.0	138.8	74.9	59.1	66.8

2021-11	2021-12	2022-01	2022-02	2022-03	2022-04
134.1	129.8	107.3	145.4	156.1	171.4
:	:	:	:	:	:
108.9	93.5	77.8	107.4	142.9	131.1
63.1	62.4	74.8	90.0	89.2	105.2
191.2	160.1	135.5	170.9	199.8	235.9
178.5	186.5	187.0	291.9	283.3	321.9
137.1	138.2	114.1	143.0	140.4	157.2
120.2	140.2	137.0	142.9	146.5	145.6
241.2	291.7	213.1	382.1	461.2	563.7
131.1	152.9	97.8	114.1	125.9	218.9
174.9	152.4	164.8	233.2	226.2	238.9
174.4	120.6	74.5	127.6	157.8	190.1
84.1	142.6	115.5	119.6	121.9	187.7
180.9	208.2	181.3	234.9	249.5	263.0
191.6	192.7	191.0	184.0	173.2	197.3
150.9	146.2	153.9	217.8	193.6	178.7
172.1	191.0	152.0	180.8	168.4	173.2
75.5	83.0	54.3	92.6	114.0	113.3
267.1	298.1	269.8	288.8	315.7	339.6
154.1	193.4	106.6	157.9	249.0	294.9
95.0	102.6	83.1	131.4	152.7	152.0
186.7	188.8	193.7	233.7	217.9	186.1
175.1	195.0	168.9	261.4	249.0	233.6
139.6	130.8	122.5	293.7	315.4	223.1
153.9	138.7	96.6	110.9	161.1	142.3
145.8	149.8	132.1	119.4	111.3	154.9
186.5	134.9	81.5	104.1	228.6	395.0
147.4	236.1	183.0	174.1	182.3	230.0
114.4	139.3	120.0	129.7	144.9	188.3
409.5	303.1	277.2	437.5	383.1	487.7
59.1	70.7	42.4	57.6	75.0	95.4
176.2	145.9	151.7	225.8	226.7	191.9
161.5	151.8	170.3	307.2	334.5	387.2
93.9	112.2	139.2	109.1	98.3	142.8
78.8	112.3	60.7	45.1	48.3	73.5
124.0	157.4	139.6	127.3	135.2	173.1
68.0	101.6	107.3	86.4	105.0	96.7
59.3	87.2	60.8	59.8	37.4	62.1

2022-05	2022-06	2022-07	2022-08	2022-09	2022-10
150.8	83.9	34.5	24.6	26.4	22.8
:	:	:	:	:	:
115.8	54.0	23.5	18.4	14.3	10.7
108.7	69.1	23.8	7.2	12.3	15.4
186.9	111.7	60.3	47.9	40.7	28.4
298.5	170.6	57.2	50.5	40.0	30.3
155.7	96.8	36.2	30.0	26.1	17.9
134.1	80.1	49.8	38.1	35.2	28.3
555.0	311.0	156.8	93.1	76.8	65.1
193.2	81.8	27.7	13.5	17.1	8.9
178.1	97.0	38.8	26.9	29.1	27.6
157.9	90.8	34.3	23.5	29.5	28.9
192.9	117.2	38.6	19.0	18.4	20.0
239.6	102.3	42.5	24.9	34.8	31.8
114.5	61.6	18.8	14.3	12.7	3.7
133.4	76.4	28.6	9.3	12.6	8.7
187.1	95.9	34.2	27.6	31.8	22.9
111.6	85.1	45.0	33.2	31.2	23.2
317.7	135.0	64.7	45.8	40.9	30.8
229.3	71.7	26.4	12.2	17.8	10.4
150.6	94.4	27.8	19.8	22.5	16.2
182.6	106.9	39.9	27.7	29.3	23.4
225.1	89.6	38.9	28.0	28.0	27.7
156.0	83.0	51.4	34.2	38.2	31.8
104.9	48.2	22.4	16.0	8.5	14.8
124.0	90.5	33.0	24.3	36.1	19.8
272.5	130.5	78.0	68.5	62.8	33.4
248.0	165.6	107.8	71.5	60.0	41.1
193.7	116.0	49.0	48.1	41.8	32.9
414.3	224.8	79.0	57.6	54.5	56.8
112.7	83.8	42.2	42.8	29.6	22.5
175.7	113.6	43.5	31.5	32.8	25.2
345.0	214.5	128.1	76.4	60.6	49.8
85.5	37.5	-2.2	-9.5	0.1	17.7
49.4	53.4	20.4	17.0	24.3	32.3
128.8	62.8	37.4	18.2	23.8	34.6
83.9	53.0	21.1	21.4	34.6	35.8
121.5	57.8	21.3	18.4	17.3	7.9

2022-11	2022-12	2023-01	2023-02	2023-03	2023-04
12.7	11.6	25.6	24.4	15.4	8.5
:	:	:	z	:	:
-0.2	0.5	14.4	13.6	4.3	5.2
21.4	15.9	26.2	32.0	31.0	11.7
9.8	9.5	24.9	24.4	23.8	17.4
13.4	8.7	31.3	31.5	23.5	10.0
11.2	6.6	21.2	23.2	13.6	5.3
-1.5	-8.4	6.4	14.6	7.1	-8.2
44.0	26.5	55.8	35.2	19.9	9.8
4.9	6.1	24.2	22.2	15.9	10.4
19.2	16.4	26.9	24.4	15.5	7.0
14.1	18.0	33.9	23.5	8.0	8.1
23.8	9.1	18.2	17.1	17.7	8.6
12.8	13.4	32.2	29.1	17.7	9.7
1.2	10.5	29.5	32.8	29.5	24.2
0.3	0.4	13.7	22.9	23.6	7.7
-0.1	-5.3	10.8	11.6	8.0	-1.4
12.9	8.1	23.5	19.8	12.4	2.8
14.5	11.3	20.6	16.6	11.9	6.1
9.2	7.2	57.8	51.1	21.3	20.7
7.7	3.4	15.6	17.2	10.0	6.0
19.7	30.5	41.0	39.3	28.8	18.8
6.3	5.7	28.3	32.9	20.6	19.0
18.2	19.5	34.8	30.5	20.6	10.1
28.3	16.1	38.2	45.1	13.5	1.1
19.1	7.8	19.3	17.8	28.3	18.4
15.6	-3.3	37.3	28.0	10.3	8.8
19.8	11.7	22.7	28.9	23.4	5.8
18.5	11.8	33.5	41.3	31.4	7.2
45.0	29.7	54.5	43.5	39.9	19.8
7.8	1.4	21.5	19.9	10.1	0.2
26.2	27.2	28.2	26.8	18.4	10.6
33.2	29.3	59.9	40.1	23.4	1.4
8.0	14.3	33.0	25.2	23.8	12.5
30.9	14.3	27.7	49.3	37.7	31.3
36.1	23.1	29.7	37.6	30.2	18.9
30.7	34.3	39.1	55.5	37.7	29.8
14.3	17.4	30.1	24.9	29.6	24.6

2023-05	2023-06	2023-07
6.6	6.9	7.4
:	:	:
3.9	6.3	0.6
9.1	15.6	8.5
15.7	16.9	18.3
8.1	8.6	10.5
3.3	5.1	8.2
-5.5	-5.3	-3.2
10.0	9.3	12.4
7.1	6.5	4.3
5.9	4.8	6.9
6.6	6.6	4.8
9.5	7.6	10.2
8.1	8.1	7.7
19.7	21.0	23.8
14.6	12.5	12.4
0.2	-2.9	-0.4
-4.7	0.3	-0.6
5.3	3.8	8.8
23.4	20.5	17.8
0.8	1.8	7.8
12.4	9.2	8.5
10.5	9.8	10.6
7.9	8.9	9.0
3.0	5.5	3.0
19.5	12.1	12.8
6.6	18.6	9.1
1.2	5.2	1.6
4.3	2.9	6.7
17.3	15.4	16.2
-2.3	2.1	6.0
8.1	9.3	7.6
-1.4	-0.8	1.2
16.0	21.7	16.5
35.6	12.3	11.3
12.0	21.8	22.7
27.5	19.8	17.6
15.0	14.6	9.3