Sustainability indicators 2021¹⁾

Think long-term, communicate transparently, act responsibly:

Munich Airport prepares a report on its efforts in the field of sustainability in accordance with the highest standards.

VALUE GENERATED / GRI 201-1

Group in € million	2021	2020	2019
Revenue	601.3	579.7	1,568.0
+ Other income	79.2	44.5	43.2
Total revenue	680.5	624.2	1,611.1
+ Income from investments	-2.6	-1.8	1.4
./. Non-personnel expenses	-307.2	-377.4	-519.6
./. Depreciation	-239.9	-242.0	-208.8
= Value generated	130.8	3.0	884.1

VALUE DISTRIBUTED / GRI 201-1

Group in € million	2021	2020	2019
Employees	419.1	408.6	537.2
Lenders (netted)	48.0	27.8	90.0
Public sector	-75.0	-112.0	79.0
Munich Airport Group	-261.3	-321.4	177.8
= Value generated	130.8	3.0	884.1

The value generated calculation represents the difference between the service provided by the company and the value of the advance services required.

The distribution statement shows the proportions distributed to those involved in the value creation process – employees, the public sector, and lenders. Payments provided by FMG to the public sector include taxes. The interest on the loans to shareholders is included under the «Lenders» recipient group. Income from investments includes the result from companies valued at equity. The non-personnel expenses include the cost of materials and other expenses.

AIR TRAFFIC INDICATORS / GRI AO1, GRI AO2, GRI AO3

→ munich-airport.com/statistics

	2021	2020	2019
Total passenger volume	12,502,913	11,120,224	47,959,885
Total commercial traffic ¹⁾	12,496,432	11,112,773	47,941,348
Scheduled and charter traffic	12,474,794	11,094,096	47,915,966
Other commercial traffic ¹⁾	21,638	18,677	25,382
Non-commercial traffic ¹⁾	6,481	7,451	18,537
Total aircraft movements	153,097	146,833	417,138
Total commercial traffic ¹⁾	146,675	140,480	407,612
Scheduled and charter traffic	134,193	130,622	395,951
Other commercial traffic ¹	12,482	9,858	11,661
General air traffic (non-commercial traffic) ¹⁾	6,422	6,353	9,526
Seating capacity utilization in %	65.2	59.6	77.2
Cargo handling (cargo and airmail carried in t)	173,307	150,928	350,058
Traffic units (TU) of commercial traffic	14,211,819	12,610,084	51,406,376

For term definitions see the Annual Statistics Report 2021, p. 19/20

PASSENGER INDICATORS (COMMERCIAL TRAFFIC ONLY) / GRI A01

		2021		2020			2019			
	Total	Domestic	International	Total	Domestic	International	Total	Domestic	International	
Total commercial traffic	12,496,432	2,295,855	10,200,577	11,112,773	2,562,495	8,550,278	47,941,348	9,620,427	38,320,921	
Arrivals	6,231,524	1,154,455	5,077,069	5,619,856	1,279,520	4,340,336	24,039,970	4,797,621	19,242,349	
Departures	6,247,229	1,133,472	5,113,757	5,480,948	1,278,159	4,202,789	23,865,826	4,814,088	19,051,738	
Transit passengers ¹⁾	17,679	7,928	9,751	11,969	4,816	7,153	35,552	8,718	26,834	
O&D passengers ²⁾ in millions	8.0			7.3			29.3			
Transfer passengers in millions	4.5			3.8			18.5			
Transfer passengers³) in %	36			34			384)			

¹⁾ Transit passengers arrive at the airport and continue their journey on the same aircraft. Transit passengers are only counted when landing.

AIRCRAFT MOVEMENTS¹⁾ / GRI AO2

		2021			2020			2019	
	Total	Arrivals	Departures	Total	Arrivals	Departures	Total	Arrivals	Departures
Passenger flights, scheduled/charter	129,737	64,801	64,936	126,013	63,067	62,946	392,328	196,019	196,309
Domestic	28,537	14,253	14,284	35,202	17,595	17,607	95,209	47,572	47,637
International	101,200	50,548	50,652	90,811	45,472	45,339	297,119	148,447	148,672
Cargo flights, scheduled/charter	4,038	1,962	2,076	4,398	2,185	2,213	3,441	1,716	1,725
Domestic	1,301	748	553	1,463	758	705	1,482	796	686
International	2,737	1,214	1,523	2,935	1,427	1,508	1,959	920	1,039
Airmail flights, scheduled/charter	418	209	209	211	106	105	182	91	91
Domestic	418	209	209	211	106	105	182	91	91
International	0	0	0	0	0	0	0		0
General air traffic	18,904	9,572	9,332	16,211	8,029	8,182	21,187	10,748	10,439
Domestic	7,845	3,999	3,846	7,251	3,655	3,596	8,869	4,583	4,286
International	11,059	5,573	5,486	8,960	4,374	4,586	12,318	6,165	6,153
Total	153,097	76,544	76,553	146,833	73,387	73,446	417,138	208,574	208,564

¹⁾ Military flights are not included.

→ Detailed information on night-time aircraft movements can be found in the monthly immissions reports: munich-airport.com/

environmental-protection-264103

→ Detailed information on the night-flight curfew: munich-airport.com/night-

flight-264466

²⁾ Orgin & Destination passengers begin or end their journey at the airport.

^{9]} The data collection method for the proportion of transfer passengers was changed in 2020. The value is now determined by a statistical analysis.

^{4]} Errors identified while our data was being audited have been corrected.

CARGO TONNAGE (COMMERCIAL HANDLING) / GRI AO3

In t		2021		2020			2019		
	Cargo handled	Incoming cargo	Outgoing cargo	Cargo handled	Incoming cargo	Outgoing cargo	Cargo handled	Incoming cargo	Outgoing cargo
Cargo-only flights	72,194	33,282	38,912	50,253	22,813	27,440	46,024	16,750	29,274
Bellyhold cargo on passenger flights	94,519	39,255	55,264	94,860	41,471	53,389	285,590	122,900	162,690
Total comprehensive income	166,713	72,537	94,176	145,113	64,284	80,829	331,614	139,650	191,964

DIALOGUE MANAGEMENT: DEALING PROFESSIONALLY WITH FEEDBACK / GRI 2-29

The central dialog management team quickly responds to, categorizes, and analyzes all customer feedback on a case-by-case basis. This office deals with constructive criticism and positive feedback, in addition to complaints. In order to elaborate optimal process solutions for passengers and, if required, to develop improvements, the divisions, authorities, and system partners active all along the passenger experience chain are closely networked with one another.

Dialog management recorded a total of 829 complaints in 2021. This is approximately 74% less than in 2019 and 11% less than in 2020. This decline continues to be due to the sharp drop in air traffic caused by the Corona pandemic. In 2021, Munich Airport recorded a relative complaint rate of 66 complaints per million passengers handled. A large proportion of the complaints were related to compliance with Corona rules and hygiene measures, particularly in passenger transport.

DIALOGUE MANAGEMENT / GRI 2-29

Number of entries	2021	2020	2019
Total complaints	829	932	3,137
Number of complaints on key issues			
Airline	116	98	177
Airport facility	186	171	640
Baggage collection	40	64	449
Parking	49	59	156
Passport control	29	59	298
Security checks	106	112	497
Passenger transport ¹⁾	96	65	
Airport Service ¹⁾	62	134	
Other	145	170	920

¹⁾ First recorded in 2020

FIREFIGHTING SERVICE DEPLOYMENTS / GRI 417-1

As part of Corporate Security, the Airport Rescue and Firefighting service on the premises of the airport in Munich is responsible for fire safety and for technical assistance in the area of fire safety in aircraft and buildings. With qualified rescue service personnel and its own rescue vehicles, it provides 24-hour emergency assistance for passengers, visitors, and employees, and performs safety monitoring for work and events involving a fire hazard. With its two fire stations, the emergency personnel can reach any part of the flight operation areas within 180 seconds and therefore meets the prescribed rescue periods for aircraft fire protection. The extinguishing capacity for aircraft fire protection also meets the strictest requirements (category 10) set out by the International Civil Aviation Organization (ICAO) for every runway.

DONATIONS AND SPONSORSHIP¹⁾ / GRI 413-1

Proportion of total budget in %	2021	2020	2019
Sport	60	55	46
Social welfare	18	21	21
Education	13	10	11
Culture	7	13	18
Environment	2	1	4

The annual sponsorship budget is linked to FMG's external sales.

FIREFIGHTING SERVICE DEPLOYMENTS / GRI 417-1

	2021	2020	2019
Total alarms	5,028	4,915	3,391
False alarms	419	387	676
Number of deployments	1,511	1,985	2,715
Technical support jobs	1,140	1,262	1,891
Of which are security monitoring jobs ¹⁾	296	629	561
Firefighting jobs	75	94	263
Other firefighting operations ²⁾	2,587	0	0
Rescue service deployments, total	511	473	1,706
First responder deployments ³⁾	-	-	94
Rescue vehicle deployments	511	473	1,612

¹⁾ On-call service where the Airport Rescue and Firefighting service attends certain situations with particularly high risk levels in order to provide immediate support should a risk occur

<u>munich-airport.com/</u>
 <u>sustainability-263986</u>

²⁾ Other activities and operations of the fire department («other» Alarm labels/assessments)

³⁾ First aid until the arrival of the public rescue service is no longer recorded.

NUMBER OF EMPLOYEES / GRI 2-7, GRI 2-8, GRI 405-1

Group			20	021			20	20	20:	19
	Women	Proportion in %3)	Men	Proportion in %3)	Total	Proportion in %3)	Total	Proportion in %3)	Total	Proportion in %3)
Total number of employees ¹⁾	2,800	32.21	5,893	67.79	8,693	100.00	9,338	100.00	9,806	100.00
Full- and part-time employees ¹⁾										
Full-time	1,698	19.53	5,154	59.29	6,852	78.82	7,307	78.25	7,432	75.79
Part-time Part-time	1,102	12.68	739	8.50	1,841	21.18	2,031	21.75	2,374	24.21
Employment contracts ^{1]}										
Temporary	61	0.70	123	1.41	184	2.09	327	3.50	916	9.34
Permanent	2,739	31.51	5,770	66.38	8,509	97.91	9,011	96.50	8,890	90.66
Other employees	189		319		508		476		743	
Apprentices	113		134		247		287		303	
Interns	1		1		2		9		34	
Workers in minor employment	43		93		136		180		311	
Temporary workers	32		91		123		0		95	
Total employees including other employees of the Group	2,989		6,212		9,201		9,814		10,549	
Employees on the airport campus ²					38,090		38,090		38,090	
FMG			21	021			20	20	20:	19
	Women	Proportion in % ³⁾	Men	Proportion in % ³⁾	Total	Proportion in % ³⁾	Total	Proportion in % ³⁾	Total	Proportion in % ³⁾
Total number of employees ¹⁾	1,049	25.12	3,127	74.88	4,176	100.00	4,364	100.00	4,389	100.00
Full- and part-time employees ¹⁾										
Full-time	668	16.00	2,851	68.27	3,519	84.27	3,671	84.12	3,671	83.64
Part-time	381	9.12	276	6.61	657	15.73	693	15.88	718	16.36
Employment contracts ^{1]}										
Temporary		0.26	34	0.81	45	2.12	45	1.03	77	1.75
Permanent	1,038	24.86	3,093	74.07	4,131	97.88	4,319	98.97	4,312	98.25
Other employees	51		121		172		208		233	
Apprentices	48		101		149		170		175	
Interns	0		0		0		8		26	
Workers in minor employment	3		20		23		30		31	
Temporary workers	0		0		0		0		1	
Total employees including other employees of FMG	1,100		3,248		4,348		4,572		4,622	

¹⁾ Reporting date: December 31: Figures exclude apprentices, workers in minor employment, temporary workers, and interns

lncludes all companies based at Munich Airport. The figures were last compiled in 2018. Further information on the survey is available here.

3 All percentages are based on the total number of employees as per 1.

EMPLOYEES COVERED BY COLLECTIVE BARGAINING AGREEMENTS / GRI 2-30, GRI 202-01, GRI 405-2

	2021		2020		2019		
	Group ²⁾	FMG	Group ^{2], 3]}	FMG	Group	FMG	
Total number of employees covered by collective bargaining agreements	8,562	4,336	9,270	4,554	10,152	4,601	
Proportion of total employees in %1]	93.06	99.72	94.46	99.61	96.24	99.55	

¹⁾ All percentages are based on the total number of employees including apprentices, workers in minor employment, temporary workers, and interns.

MANAGERS / GRI 405-1

Group	2021		2020	1	201	L 9
		Proportion in % ²⁾	I	Proportion in %2)		Proportion in % ²⁾
Total managers ¹⁾	703	8.09	688	7.37	690	7.01
Women	168	23.90	151	1.62	156	1.58
Men	535	76.10	537	5.76	534	5.43
Age structure of managers						
Under 30 years	9	1.28	14	2.03	15	2.17
30 to 50 years	364	51.78	357	51.89	364	52.75
Over 50 years	330	46.94	317	46.08	311	45.07
FMG	2021		2020	1	201	L 9
	-	Proportion in % ²⁾	I	Proportion in %2)		Proportion in %2)
Total managers ¹⁾	401	9.60	421	9.65	420	9.57
Women	62	15.46	64	1.47	66	1.50
Men	339	84.54	357	8.18	354	8.07
Age structure of managers						
Under 30 years	4	1.00	7	1.66	7	1.67
30 to 50 years	153	38.15	169	40.14	175	41.67
Over 50 years	244	60.85	245	58.19	238	56.67

¹⁾ Reporting date December 31: Proportion of managers relative to the total number of employees

AGE STRUCTURE OF EMPLOYEES / GRI 405-1

Group			202	1			202	20	201	L9
	Women	Pro- portion in % ²⁾	Men	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾
Age structure of employees ¹⁾										
Under 30 years	390	4.49	562	6.46	952	10.95	1,222	13.09	1,538	15.68
30 to 50 years	1,511	17.38	2,929	33.69	4,440	51.08	4,800	51.40	5,056	51.56
Over 50 years	899	10.34	2,402	27.64	3,301	37.97	3,316	35.51	3,212	32.76
Total	2,800	32.21	5,893	67.79	8,693	100.00	9,338	100.00	9,806	100.00
FMG			202	1			202	20	201	L9
	Women	Pro- portion in % ²⁾	Men	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾
Age structure of employees ¹⁾										
Under 30 years	181	4.33	226	5.41	407	9.75	442	10.13	482	10.98
30 to 50 years	564	13.51	1,245	29.81	1,809	43.32	1,948	44.64	1,994	45.43
Over 50 years	304	7.28	1,656	39.66	1,960	46.93	1,974	45.23	1,913	43.59
Total	1,049	25.12	3,127	74.88	4,176	100.00	4,364	100.00	4,389	100.00

¹⁾ Reporting date: December 31: Figures exclude apprentices, workers in minor employment, temporary workers, and interns

^{2]} Without amd.sigma

^{3]} Errors identified while the data was being audited have been corrected.

Proportion of managers relative to the total number of managers

²⁾ All percentages are based on the total number of employees as per ¹⁾.

PARENTAL LEAVE TAKEN¹⁾ / GRI 401-2, GRI 401-3

Group		2021		2020	2019	FMG	2021		2020	2019	
	Women	Men	Total	Total	Total		Women	Men	Total	Total	Total
Parental leave taken	138	138	276	297	332	Parental leave taken	63	73	136	144	151
Part-time parental leave taken	4	3	7	12	15	Part-time parental leave taken	1	1	2	8	7

¹⁾ Number of employees who have taken parental leave in the year under review. Figures exclude apprentices, workers in minor employment, temporary workers, and interns.

Due to the significant expense of evaluating the various parental leave models manually (duration of parental leave, split of parental leave), the number of individuals returning from parental leave, along with the number of resignations following parental leave, have not been recorded.

EMPLOYEE TURNOVER: STARTERS AND LEAVERS^{1]} / GRI 401-1

Group		20	21		20	20	20	19
	Starters	Pro- portion in % ²⁾	Leavers	Pro- portion in % ²⁾	Starters	Leavers	Starters	Leavers
Starters and leavers by age group								
Under 30 years	120	51.95	261	25.69	271	345	707	458
30 to 50 years	82	35.50	378	37.20	221	403	626	491
Over 50 years	29	12.55	377	37.11	62	234	149	250
Total	231	100.00	1,016	100.00	554	982	1,482	1,199
Starters and leavers by gender								
Male	142	61.47	690	67.91	350	571	982	723
Female	89	38.53	326	32.09	204	411	500	476

FMG		20	21		20	20	20	19
	Starters	Pro- portion in % ²⁾	Leavers	Pro- portion in % ²⁾	Starters	Leavers	Starters	Leavers
Starters and leavers by age group								
Under 30 years	51	61.45	60	17.09	94	40	147	52
30 to 50 years	22	26.51	87	24.79	68	40	117	38
Over 50 years	10	12.05	204	58.12	15	81	22	83
Total	83	100.00	351	100.00	177	161	286	173
Starters and leavers by gender								
Male	56	67.47	275	78.35	122	111	191	127
Female	27	32.53	76	21.65	55	50	95	46

TURNOVER RATE¹⁾ / GRI 401-1

	2021		2020	1	2019		
In %	Group	FMG	Group	FMG	Group	FMG	
Turnover rate	11.00	7.94	9.93	3.55	11.93	3.86	

¹⁾ The turnover rate reflects the ratio of leavers to the number of employees (as an annual average including apprentices and excluding workers in minor employment, temporary workers, and interns).

AVERAGE HOURS OF TRAINING1) / GRI 404-1

	202	1	2020)	2019	
	Group ²⁾	FMG	Group ³⁾	FMG	Group ⁴⁾	FMG
Average hours of training per employee	7.6	3.5	11.9	5.2	20.3	10.1
Per male employee	8.2	3.9	12.9	5.8	20.8	10.7
Per female employee	6.4	2.2	9.8	3.3	19.2	8.2
Per manager ⁵⁾	5.4	3.0	6.6	4.8	16.2	10.5
Per employee (without managerial responsibilities)	7.8	3.5	12.3	5.2	20.6	10.1

¹⁾ Average number of hours spent on professional development, training, and seminars that are recorded in a time management system (excluding aviation security courses) per employee (excluding apprentices, employees in minor employment, temporary workers, and interns) as of the reporting date, December 31.

^{1]} Including apprentices, excluding workers in minor employment, temporary workers, and interns

²⁾ All percentages are based on the total number of starters/leavers among the employees as per¹⁾.

²⁾ Without MUCReal, LabCampus, amd.sigma, Munich Airport NJ LLC, Infogate

³⁾ Without MUCReal, LabCampus, amd.sigma, Munich Airport NJ LLC

⁴⁾ Without MAI US, MAI Munich Airport NJ LLC, MUCreal, LabCampus, and InfoGate

⁵⁾ First- to fourth-tier managers excluding the Executive Board of FMG

OCCUPATIONAL HEALTH AND SAFETY / GRI 403-9

Group ^{1],2]}	2021 ^{1],2]}	20201],2]	2019
Accident statistics ³⁾			
Reportable occupational accidents	107	94	236
Number of resulting days of absence ⁴⁾	2,264	2,508	6,539
Fatal occupational accidents	0	0	0
Rate per 1,000 workers ^{5]}	13.38	10.85	27
FMG ^{1]}	20217]	20207]	2019
Accident statistics ³⁾			
Reportable occupational accidents	20	16	62
Number of resulting days of absence ⁴⁾	446	298	1,732
Fatal occupational accidents	0	0	0
Rate per 1,000 workers ⁵⁾	6.44		15.36

Number of resulting days of absence ⁴⁾	446	298	1,732	Number of resulting days of absence ⁴⁾	493	
Fatal occupational accidents	0	0	0	Fatal occupational accidents	0	
Rate per 1,000 workers ^{5]}	6.44	5	15.36	Rate per 1,000 workers ⁵⁾	88.31	

¹⁾ Including apprentices, workers in minor employment, temporary workers, and interns

Aircraft handling on the ground is a critical area for occupational health and safety measures at Munich Airport. This is why FMG publishes additional accident statistics for employees who work in aircraft handling.

2021

24

583

12.02

2021

34

2019

111

1,734

68.27

2019

23

0

1,679

52.16

2020

33

816

15.30

2020

21 838

0

48.24

0

Workers in ground handling Munich⁶⁾

Reportable occupational accidents

Rate per 1,000 workers⁵⁾

Workers in ground handling Berlin

Reportable occupational accidents

Number of resulting days of absence⁴⁾ Fatal occupational accidents

Accident statistics3)

Accident statistics3)

LOST TIME INCIDENT FREQUENCY¹⁾ / GRI 403-9

	2021	2020	2019
Total (FMG + AeroGround) ²	11.09	11.45	21.96
FMG	7.10	4.60	8.03
AeroGround ²⁾	22.62	30.54	43.41

¹⁾ Occupational accidents (with lost time ≥ 1 day) x 1,000,000 / hours worked

²⁾ without amd.sigma

^{3]} Injuries requiring first aid are recorded when employees attend Munich Airport's medical center.

⁴⁾ These are calendar days and are counted from the day following the work accident. Only days of absence that are in the same calendar year as the accident event are reported.

Fig. Reportable occupational accidents * 1,000 / annual average actual employee capacity [EC]

⁶⁾ Ground handling employees working for FMG, employees and temporary workers employed by AeroGround

Figures exclude «workers of ground handling services with staff membership of FMG». Those workers are reported as «employees of Munich ground handling».

²⁾ Including ground handling employees at the Munich site working for FMG, employees and temporary workers employed by AeroGround

SICK LEAVE1] / GRI 403-10

Group		2021	2020	2019	
In %	Women	Men	Total ³⁾	Total ³⁾	Total ⁴⁾
Sickness rate ^{2],3]}	5.15	6.23	5.98	6	8.91
FMG		2021		2020	2019
In %	Women	Men	Total	Total	Total
Sickness rate ^{2]}	4.48	6	5.67	6.39	8.59

¹⁾ Including apprentices, excluding workers in minor employment, temporary workers, and interns

OCCUPATIONAL ILLNESSES¹⁾ / GRI 403-10

	2021		2020)	2019		
In %	Group ²⁾	FMG	Group ²⁾	FMG	Group	FMG	
Reported occupational							
illnesses	6	1	3	3	7	7	

¹⁾ Including apprentices, excluding workers in minor employment, temporary workers, and interns

EMPLOYMENT OF STAFF WITH DISABILITIES / GRI 405-1

Group	2021	2020	2019	FMG	2021	2020	2019
Number of employees with				Number of employees with			
limiting disabilities ¹⁾	737	711	698	limiting disabilities ^{1]}	496	485	477
Employees with severe disabilities				Employees with severe disabilities			
in % ^{2],3]}	7.67	7.06	6.82	in % ^{2),3)}	11.15	11.60	10.56

²⁾ Sick hours in relation to the target hours to be worked, including rehabilitation, sanatorium, curative procedures, etc.; related to the number of total employees as per 1].

³⁾ Without eurotrade, amd.sigma, MUCReal, LabCampus, MAI US Holding, Munich Airport NJ LLC, InfoGate

⁴⁾ Without Infogate, LabCampus, and MUCReal

²⁾ Without amd.sigma

 $^{^{1)}}$ Degree of disability of at least 30 within the meaning of equality under Book IX of the Social Security Code $^{2)}$ Proportion of employees with disabilities as per $^{1)}$ based on the average total employees, including apprentices and workers in minor employment and excluding temporary workers and interns

³⁾ Until 2019 exclusive MAI, InfoGate, LabCampus and MUCreal

NATIONALITIES¹⁾ / GRI 405-1

Group		202	21		20:	20	201	19	FMG		20	21		20	20	201	L9
	Women	Men	Total	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾		Women	Men	Total	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾	Total	Pro- portion in % ²⁾
Employee nationalities, overall picture	2,913	6,027	8,940		9,625		10,109		Employee nationalities, overall picture	1,097	3,228	4,325		4,534		4,564	
German nationals	2,355	4,524	6,879	76.95	7,306	75.91	7,595	75.13	German nationals	1,049	2,887	3,936	91.01	4,103	90.49	4,129	90.47
Foreign nationals	558	1,503	2,061	23.05	2,319	24.09	2,514	24.87	Foreign nationals	48	341	389	8.99	431	9.51	435	9.53
Most represented groups of foreign nationals									Most represented groups of foreign nationals								
Turkey	52	434	486	5.44	525	5.45	541	5.35	Turkey	1	220	221	5.11	243	5.36	245	5.37
Croatia	26	175	201	2.25	251	2.61	255	2.52	Austria	8	20	28	0.65	31	0.68	34	0.74
Romania	58	83	141	1.58	156	1.62	186	1.84	Kosovo	1	21	22	0.51	22	0.49	18	0.39
Hungary	11	119	130	1.45	170	1.77	190	1.88	Italy	5	15	20	0.46	24	0.53	23	0.50
Italy	27	92	119	1.33	129	1.34	144	1.42	Greece	3	15	18	0.42	19	0.42	19	0.42

¹⁾ Reporting date: December 31: Total employees including apprentices, excluding workers in minor employment, temporary workers and interns ²⁾ All percentages are based on the total number of employees as per ¹⁾.

RESIDENCE OF EMPLOYEES^{1]} / GRI 2-7, 401-1

	Group					FM	4G	
Administrative districts	2021	Proportion in % ²⁾	2020	2019	2021	Proportion in % ²⁾	2020	2019
Freising	2,197	24.57	2,395	2,598	854	19.75	906	918
Erding	1,740	19.46	1,874	1,915	1,030	23.82	1,076	1,076
Munich	1,669	18.67	1,796	1,939	759	17.55	802	820
Landshut	1,246	13.94	1,315	1,349	692	16.00	720	722
Pfaffenhofen	154	1.72	146	170	91	2.10	95	96
Ebersberg	159	1.78	184	193	97	2.24	113	114
Berlin and surrounding area	177	1.98	184	180	1	0.02	2	1
Other districts	1,598	17.88	1,731	1,765	801	18.52	820	817
Total	8,940	100.00	9,625	10,109	4,325	100.00	4,534	4,564

Number of total employees, including apprentices, excluding workers in minor employment, temporary workers and interns who resided in the respective county on the reporting date of December 31st.

² All percentages are based on the total number of employees as per ¹.

ENERGY CONSUMPTION AND EMISSIONS¹/ GRI 301-1, GRI 302-1, GRI 302-2, GRI 302-4, GRI 302-5, GRI 305-1, GRI 305-2, GRI 305-3, GRI 305-3

		2021			2020			2019	
	GJ	MWh	CO ₂ (t)	GJ	MWh	CO ₂ (t)	GJ	MWh	CO ₂ (t)
Scope 1: Direct energy consumption/emissions	-								
Natural gas gas/diesel generating sets CHPP	0	0	0	0	0	0		0	0
Natural gas gas/gasoline generating sets CHPP	1,125,086	312,524	62,375	1,151,294	319,804	63,863	1,303,941	362,206	72,330
Natural gas boiler plant	40,619	11,283	2,252	23,494	6,526	1,303	20,531	5,703	1,139
Fuel oil gas/diesel gensets	28,393	7,887	2,104	29,488	8,191	2,185	24,514	6,810	1,817
Fuel oil boiler plant	32	9	2	89	25	7	509	141	38
LPG	1,084	301	70	374	104	24	115	32	7
Fuel oil emergency gensets	2,257	627	167	1,382	384	102	1,998	555	148
Natural gas consumption EFM ²	5,612	1,559	311	3,758	1,044	208	11,214	3,115	622
Diesel and gasoline	78,325	21,757	5,794	77,220	21,450	5,715	173,016	48,060	12,775
Total Scope 1	1,281,409	355,947	73,075	1,287,100	357,528	73,407	1,535,839	426,622	88,876
Scope 2: Indirect energy consumption/emissions ^{3]}	-								
External electricity purchase ⁴⁾	110,668	30,741	11,682	119,084	33,079	14,125	177,932	49,426	25,602
Purchased district heat ⁵⁾	123,768	34,380	1,465	99,162	27,545	1,173	108,050	30,014	3,516
Purchased natural gas ⁶⁾	17,147	4,763	951	23,742	6,595	1,317	67,453	18,737	3,742
Power supplied to outside companies ^{7]}	-143,266	-39,796	-15,123	-155,203	-43,112	-18,409	-203,856	-56,627	-29,333
Heat supplied to outside companies	-80,147	-22,263	-3,773	-74,833	-20,787	-3,640	-86,863	-24,129	-4,621
Cooling supplied to outside companies	-1,987	-552	-42	-1,742	-484	-41	-3,466	-963	-100
Natural gas supplied to outside companies	-17,147	-4,763	-951	-23,742	-6,595	-1,317	-67,453	-18,737	-3,742
Purchased power transmitted ⁸⁾	104,742	29,095	11,056	116,824	32,451	13,857	122,110	33,920	17,570
Total scope 2 ¹³⁾	9)	9)	5,265	9)	9)	7,065	9)	9)	12,635
Scope 3: Other indirect energy consumption/emissions [by third parties]	10)	10)		10)	10)		10)	10)	
Electrical energy purchases of outside companies	-	-	15,123	-	-	18,409	-	-	29,333
Heat purchases of outside companies	-	-	3,773	-	-	3,640	-	-	4,621
Cooling purchases of outside companies	-	-	42	-	-	41	-	-	100
Natural gas purchases of outside companies	-	-	951	-	-	1,317		_	3,742
Fuel for outside companies	-	-	4,261	-	-	4,080	-	-	8,482
Subtotal	9)	9)	24,149	9)	9)	27,487	9)	9)	46,277
Total CO ₂ emissions that can be influenced annually ¹¹⁾			102,489			107,959			147,788
Air traffic (LTO cycle) ¹²⁾	-	-							
Take-off	-		17,720	-		18,279			58,338
Climb out	-		30,950	-	-	31,747		_	101,045
Idle (taxiing on the apron)	-	-	52,622	-	-	49,752		_	172,769
Approach	-		37,713	-		38,009			119,124
APU (PCA taken into account) ¹⁴⁾	-	_	8,033	-	-	8,928		-	24,274
Engine test runs	-		430			502			728
Feeder traffic ^{15]}	-		27,389 ¹⁶⁾	-		9,300		-	32,053
Total Scope 3			199,006			184,004			554,608

- 1) FMG establishes its carbon footprint based on the WRI/WBCSD Greenhouse Gas Protocol Corporate Accounting and Reporting Standard. For Scope 3, FMG reports on for its business model relevant sub-sectors. In addition, the principle of operational control is applied. To the extent that they are subject to emissions trading, conversion parameters, such as heat values and emission factors in particular, are determined according to the provisions of the German Emissions Trading Authority (DEHSt). Other conversion parameters are based on the latest publications from the German Federal Environment Agency (UBA).
- ²⁾ EFM: Gesellschaft für Enteisen und Flugzeugschleppen am Flughafen München mbH (company responsible for de-icing and towing aircraft at Munich Airport); associated company
- ³⁾ Disclosure of Scope 2 emissions taking into account GHG Protocol Scope 2 Guidance [2015] using the «Location based» method based on BRD domestic consumption, electricity mix, and district heating mix emission factors. Net Scope 2 emissions with specific emission factors are 0.380 kg/kWh for electricity and 0.213 kg/kWh for district heat from fossil fuels. The total district heating supply consists of fossil district heating and district heating from biomass with the specific emission factor of 0 kg/kWh.
- 4) 65% Electricity from renewable energies (status 2021 according to section 42 of the German Energy Act [EnWG])
- 5) Estimated value based on previous years: 80% of district heat is purchased from biomass directly from the biomass thermal power plant in Zolling.
- ⁶⁾ Solely natural gas purchased (baseline year 2021), no renewable energy sources
- ^{7]} Including the quantity transmitted to outside companies
- 8) Total power transmitted to outside companies and subsidiaries. The specific emission factor used for purchased power was also used here.
- 9) For physical reasons it is not practical to add heat, cooling energy, and electricity in energy units. The sum can only be used to draw very limited conclusions.
- $^{10]}\,$ No information, since values cannot be reported for all items.
- ^{11]} Sum of Scope 1, Scope 2, and the subtotal Scope 3a
- Emission calculation with the LASPORT model for the classification of flight operations according to the LTO cycle
- ¹³⁾ Scope 2 emissions taking into account GHG Protocol Scope 2 Guidance (2015) according to the «Market based» method result in 841 t CO₂. The basis is the emission factor of 0.182 kg/ kWhel for the network at Munich Airport. The other emission factors from footnote 3 remain unchanged.
- ¹⁴⁾ Calculated from aircraft movements using the LASPORT model, subsequently taking into account the APU emissions prevented by using PCA systems
- Feeder traffic includes road traffic caused by air travelers, visitors, and employees in the airport area calculated according to ACA.
- ¹⁸⁾ Since 2021, an enlarged radius has been taken into account in the calculation: CO₂ emissions from the arrival and departure of employees, passengers, and people traveling at the airport. In the case of employees, only the route to the workplace at the airport campus is considered.

GENERATED AND PURCHASED POWER / GRI 305-1, GRI 305-2, GRI 305-5

With its block heat and power plant, the airport generates over half of its on-site power demand using natural gas. The waste heat from this alone covers approx. 80% of the demand for heating and air-conditioning - without any additional energy input. Aside from a tiny amount that is generated in peak load boilers, the airport meets the remainder of its heating needs by purchasing district heat from a public utility company in Freising. 80% of this purchased district heating – i.e. approx. 22 gigawatt hours [GWh] - has been obtained from a biomass co-generation plant at the Zolling site since the beginning of 2011. This procurement is secured by a long-term supply option for the coming years. This district heat obtained from biomass is renewable and climate neutral, and cuts carbon emissions by approx. 4,500 t per year. Compared to the separate generation of electricity and heat in the mix of the Federal Republic of Germany, this saves 40,000 tonnes of CO₂ per year. The rest of the electricity generated by the CHP flows to companies on the site, so that less than a third of the electricity consumed on the airport campus comes from external network operators. Overall, emissions produced by the external procurement of power and district heat have decreased by approx. 25% since 2005. Looking at the Munich Airport Group alone, this figure has fallen by almost 50%. This is due partly to the more efficient combined heat and power units, and partly to savings in electricity consumption.

ENERGY INTENSITY COEFFICIENT¹⁾ / GRI 302-3

n kWh/passenger	2021	2020	2019
Power consumption	14.89 ²⁾	17.23 ²⁾	4.88

- 1) Electricity consumption is responsible for more than 2/3 of the total CO₂ emissions caused by energy-induced processes at the airport (excluding airline emissions). Furthermore, it is only very slightly linked to weather conditions. For this reason, the power consumption per passenger is the most meaningful indicator for energy consumption at Munich Airport.
- ²⁾ The calculation of the energy intensity coefficient is related to the number of passengers. Due to the sharp drop in passenger numbers in 2020 the figure differs significantly from previous years.

The power consumption is made up of total power consumption of all buildings and installations on the campus, including hosted electricity. This includes power consumption by FMG and its subsidiaries, consumption by external companies, and all losses at the low-voltage level.

GREENHOUSE GAS EMISSIONS INTENSITY1 / GRI 305-4

In kg/passenger	2021	2020	2019
CO ₂ emissions ²⁾	8.20 ³⁾	9.71 ^{3] 4]}	3.08

- ¹) The measure of CO₂ emissions per passenger enables the physically meaningful addition of the different forms of primary and secondary energy used at the airport in relation to passenger numbers.
- ² The CO₂ emissions from Scope 1 and 2 are added, as well as power, heat, cooling energy, natural gas, and fuel consumption by external companies (Scope 3a). The figure therefore includes all emissions that must not exceed the targets for CO₂-neutral growth.
- 3) The calculation of the intensity of greenhouse gas emissions is related to the number of passengers. Due to the sharp drop in passenger numbers in 2020 the figure differs significantly from previous years.
- ⁴⁾ Errors identified during the review of the data were subsequently corrected.

DE-ICERS USED1] / GRI 301-1, GRI 301-2, GRI 301-3, GRI A06

	2020/2021	2019/2020	2018/2019
Apron de-icer in t ²	1,829	1,287	4,424
Aircraft de-icer (Safewing Type I) in m³	1,283	1,859	5,531
Aircraft de-icer (Safewing Type IV) in m³	187	241	1,015
Recycling rate of Type I de-icer used in %	68	55	63
Number of days of winter operations	67	52	62

¹⁾ The values refer to the period from October 1, 2020 to September 30, 2021. The data basis is seasonal conditional. Year-on-year fluctuations are associated with the weather conditions in winter.

The company responsible for de-icing operations at Munich Airport, Gesellschaft für Enteisen und Flugzeugschleppen am Flughafen München mbH (EFM), uses glycol-based de-icer that is sprayed onto aircraft by de-icing vehicles. The low-viscosity Type I de-icer is mixed with water in the ratio 55:45, heated, and applied to the aircraft at a temperature of 85 degrees Celsius. Type IV de-icer contains thickeners, making it viscous. It is sprayed on cold and undiluted.

7 munich-airport.com/ efm-3544561

<u>munich-airport.com/</u>
 noise-protection-264207

OTHER GREENHOUSE GAS EMISSIONS / GRI 305-3, GRI 305-5, GRI 305-6

$\text{CH}_{\text{q}},\ N_2\text{O}$ and fluorinated greenhouse gases in CO_2 equivalent $^{1]}$ [t]	2021	2020	2019
LTO cycle	1,402	1,389	4,551
Feeder traffic ²⁾	317	277	427
APU ^{3]}	127	127	375
Engine test run ⁴⁾	4	5	7
Small appliances in buildings and central cooling plants	173	346	112
Mobile systems (vehicles)	113	140	146

¹⁾ Conversion of emissions into CO2 equivalents in accordance with the IPCC Fourth Assessment Report

MEASURED POLLUTANT CONCENTRATIONS¹⁾ / GRI 305-7, GRI A05

In μg/m³	Current legal annual limit value	2021	2020	2019
NO ₂ concentration (nitrogen dioxide)	40	12	14	18
SO ₂ concentration (sulfur dioxide) ²⁾	20	2	2	2
PM ₁₀ concentration (particulate matter)	40	10	11	12
PM _{2,5} concentration	25	8	8	8

¹⁾ During the course of publishing the integrated report NO₂, SO₂ and PM₁₀ as well as PM_{2,5} are recorded. Other pollutant concentrations can be found in the monthly immission reports: www.munich-airport.de/immissionsberichte-87441

AIR POLLUTANT EMISSIONS / GRI 305-7, GRI A05

In t	2021	2020	2019
NO _x - air traffic (LTO cycle)	 455.1	466.9	1,739.0
NO _x - feeder traffic ¹⁾	 41.4	39.9	88.0
SO_x – air traffic (LTO cycle)	 35.2	34.9	114.0
SO_x - feeder traffic ¹⁾	 0.1	0.1	0.2
PM ₁₀ - air traffic (LTO cycle)	 4.4	4.1	13.5
PM _{2,5} – feeder traffic ¹⁾	0.5	0.5	1.0

¹⁾ Feeder traffic includes the traffic originating from passengers, visitors, and commuters in the area around the airport.

²⁾ Liquid potassium formate and sodium formate granules

²⁾ Feeder traffic includes the traffic caused by passengers, visitors, and commuters in the area around the airport.

³⁾ Calculated from aircraft movements using the LASPORT model, taking into account the remaining APU period when using PCA

Estimates

²⁾ Statutory threshold to protect vegetation, only strictly applicable away from urban centers and transport facilities, but complied with here as well as the immission value specified by the administrative regulation TA Luft for protecting human health (50 μg/m³).

→ moosrain.de/verband/ daten-fakten

TOTAL DRINKING WATER CONSUMPTION^{1), 2)} / GRI 303-3, GRI 303-5

1 m³ corresponds to 0.001 mega liters	2021	2020	2019
Water purchased from utility in m ³	562,510	563,789	1,032,239
Water consumption per 1,000 traffic units in m ³	39.6	44.7	20.1

¹⁾ Includes all companies on the campus.

TOTAL PROCESS WATER EXTRACTION FOR COOLING IN THE POWER CENTERS, WEST AND EAST / GRI 303-1, GRI 303-3, GRI 303-5

1 m ³ corresponds to 0.001 mega liters	2021	2020	2019
Quantity of the quaternary groundwater extracted in m ³	200,064	198,729	256,326

TOTAL WASTEWATER DISCHARGED^{1], 2]} / GRI 303-2, GRI 303-4, GRI 306-1

1 m³ corresponds to 0.001 mega liters	2021	2020	2019
Total wastewater discharged from Munich Airport to the sewage plant of the Erdinger Moos wastewater utility company in m ³	1,955,165	1,610,406	2,494,388
Wastewater consumption per 1,000 traffic units in m ³	137.6	127.7	48.5

^{1]} Includes all companies on the campus.

WATER SOURCES / GRI 303-1, GRI 303-3

Munich Airport sources its drinking water from the Moosrain water utility company, which extracts it from the tertiary strata via seven water wells at depths of between 94 and 160 meters. The water wells are located in water protection areas at «Obere Point» (surface area 33 ha) and «Oberdingermoos» (surface area 36 ha) in the Oberding municipality.

WATER SAMPLES / GRI 303-1, GRI 303-2, GRI A04

Under the provisions of the planning approval notice, Munich Airport is required to test the water surrounding the airport. Securing evidence regarding the quantity (water level) and quality (water quality) of groundwater is particularly important. FMG measures the water levels of more than 300 groundwater and 17 surface water measurement points on an ongoing basis. Water quality is determined at 18 groundwater and eleven surface water measurement points. All implemented measures are summarized in a report, evaluated, and presented to the water authorities.

→ azv-em.de

²⁾ Derivation of values: Water metering in m³ measured at the drinking water feed points (transfer points water metering shafts 1 to 4) from the Moosrain water utility company to Munich Airport

^{2]} The wastewater discharged to the sewage treatment plant of the Abwasserzweckverband Erdinger Moos is composed of domestic wastewater, de-icing water, and rainwater.

HAZARDOUS GOODS:

CHECKS AND TRAINING COURSES / GRI 306-2, GRI 306-5

Operations at Munich Airport involve a number of substances that are harmful to the environment and water; these must be declared as hazardous goods and transported off site. The vehicles used for transporting hazardous goods were inspected to verify that they are in proper condition and are roadworthy and safe to operate. Employee training on the handling of hazardous goods is held at regular intervals in accordance with legal regulations. In the year under review, 2021, a total of 134 tonnes of waste (previous year: 191 tonnes) declared as hazardous goods were transported away for disposal.

WASTE MANAGEMENT / GRI 306-1, GRI 306-2

Flughafen München GmbH is authorized to conduct waste management independently on its site in accordance with the German Waste Management and Product Recycling Act. Avoidance of waste is an absolute priority. However, waste and scrap products are generated from the operation of the airport - across the board - and these are then collected where they occur in various separating systems, handed over to certified specialist businesses close to the airport, prepared in sorting plants, and then recycled. The small proportion of residual waste that cannot be recycled is converted by the Munich North power plant into district heat and power. The majority of waste and scrap material is generated by affiliated companies as well as the companies and airlines based at the airport. The prerequisite for successful resource conservation is therefore a disposal concept tailored to the individual waste producer - from waste generation to recycling and disposal. FMG therefore provides regular information on current waste topics, gives tips on environmentally friendly conduct, and is on hand to offer advice.

WASTE FROM AIRCRAFT / GRI 306-1, GRI 306-2

The waste quantities [Category 1] material] from aircraft cabin interior cleaning and catering waste are disposed of in accordance with EC Regulation 1069/2009 [Regulation on animal by-products] by a specialist waste management company at the Munich North waste incineration plant/power plant or recycled for energy. The disposal service is not the responsibility of FMG and is conducted by a specialist contractor working on behalf of the Erding animal carcass disposal association.

WASTE¹ / GRI 301-3; GRI 306-1, 306-2, 306-3, 306-4, 306-5

In t	2021	2020	2019	Point of disposal and recycling
Recycling				
Paper, cardboard, and cartons from buildings	380	516	1,441	
Mixed reclaimed materials/waste for recycling from buildings	944	1,122	3,154	
Top soil (humus-rich excavated material) ²	0	31	2,650	
Mixed glass	133	107	228	Sorting facilities, recycling firms in Eitting,
Wood	435	369	457	Schwaig, Moosburg, and Munich
Bulk waste	302	417	920	
Scrap metal containing electronic waste	260	378	568	
Other recyclables ³⁾	98	113	248	
Total recycling	2,552	3,053	9,666	
Recycling				
Material recycling	2,115	2,277	3,529	
Building site waste (waste from dismantling, conversion, renovation, and maintenance measures)	1,167	1,784	2,346	Recycling/disposal firms (material recycling/pit filling)
Hazardous waste without ADR ⁴⁾ (only FMG portion, without mineral wool and without hazardous goods)	48	45	59	Recycling/disposal firms (material recycling) or
ADR (=hazardous goods) ⁴⁾	134	191	196	hazardous waste specialists in Munich and
Other waste ⁵⁾	765	257	928	Ebenhausen (secondary fuels)
Energy recycling	1,181	1,133	2,254	
Food waste ^{6]}	440	518	1,394	Biogas plant (energy recovery)
Waste for disposal/prohibited liquids (terminal areas)	40	39	198	
Waste for disposal / Commercial municipal waste from buildings ^{7]}	700	576	662	
Total recycling	3,296	3,410	5,783	
Landfill waste				
Insulators [mineral wool] ^{8]}	116	163	236	
Total landfill	116	163	236	GSB hazardous waste landfill Schweinfurt
Total amount	5,964	6,626	15,685	

All quantities refer exclusively to the disposal processes organized by FMG waste management. This refers to the total figure shown [2021: 5,964t].

²⁾ The topsoil comes from various construction activities.

³⁾ Foil, lightweight packaging, for example

^{4]} ADR (Accord européen relatif au transport international des marchandises dangereuses par route): European Agreement concerning the International Carriage of Hazardous Goods by Road

⁵⁾ For example runway wear, refuse, old tires, rubber waste

⁶⁾ Food waste disposal from the Allresto catering area only in Terminal 2

⁷⁾ From 2021 including commercial municipal waste

^{8]} Insulators that are collected by a disposal specialist contracted on behalf of the district of Freising and sent away for proper disposal (landfill).

Noise measurement points munich-airport.com/ noise-protection

MEASURED NOISE^{1]} / GRI A07

In dB(A)	2021		2020		2019	
Measurement point (nearest municipality)	Night ²⁾	Day	Night ²⁾	Day	Night ²⁾	Day
Brandstadl (municipality of Hallbergmoos)	42	55	44	55	51	59
Pallhausen (town of Freising)	40	49	42	50	49	55
Reisen (municipality of Eitting)	42	52	41	49	47	55
Viehlaßmoos (municipality of Berglern)	40	49	40	49	47	55

¹⁾ Continuous sound level Leq3 of the six busiest months at four aircraft noise measuring points, each located at the main departure directions, in dB[A]

DISTRIBUTION OF OPERATIONS DIRECTIONS BETWEEN WEST AND EAST

	Westv	Westward 96,748 64		Eastward 53,577	
Total aircraft movements ^{1]} , absolute	96,7				
Total aircraft movements ^{1]} , in %	64			36	
	Take-offs	Landings	Take-offs	Landings	
North runway	21,806	24,452	12,894	11,304	
South runway	26,582	23,908	13,887	15,492	

¹⁾ Excluding helicopters Source: Immission reports/Web/reporting January to December 2021

The assignment of the operating direction, in other words the decision as to whether the aircraft take off and land to the east or west, depends on the wind. This is because take-offs and landings usually take place against the prevailing wind direction. In addition, when using the runway system, FMG makes sure that the north and south runways are utilized as equally as possible.

NOISE COMPLAINTS^{1]} / GRI 2-26

	2021	2020	2019
Noise complaints received via telephone	58	51	206
Complainants	47	28	99
Complaints received in writing		33	87
Complainants	42	27	52

¹⁾ It is assumed that the decreased and in 2021 again increased aircraft movements had an impact on the number of noise complaints. However, direct causality is not demonstrable.

NOISE PROTECTION REGULATIONS

The main regulations for the aviation industry are defined on an international level. Under the umbrella organization that is the United Nations, the ICAO (International Civil Aviation Organization) deals with the issue of reducing aircraft noise. The EU is pursuing similar goals: With the «Flightpath 2050», it aims to reduce noise emissions by 65% by 2050, starting from 2000. But the airport operator can also help to regulate this area. Loud aircraft without certificates to ICAO Annex 16 are not allowed to take off from or land at Munich Airport. At night, the regulations are even stricter: The night-flight curfew at Munich Airport includes a noise quota, which is based on aircraft types and sizes, and the number of aircraft movements. In 2021, only 14% of the permissible noise volume at Munich Airport was utilized. The mean nighttime continuous sound level at the sanctuary border did not exceed the permitted value of 50 dB (A) in 2021.

POPULATION GROWTH IN NEIGHBORING COMMUNITIES¹⁾ / GRI A07

Number of residents	2020	2019	2018
Freising (District of Freising)	48,872	49,126	48,634
Marzling (District of Freising)	3,250	3,224	3,238
Oberding (District of Erding)	6,455	6,392	6,505
Hallbergmoos (District of Freising)	11,148	11,094	10,953
Total	69,725	69,836	69,330

¹⁾ The reporting date is December 31 in each case. Source: Bayerisches Landesamt für Statistik und Datenverarbeitung (Bavarian State Office for Statistics and Data Processing) - Statistikatlas Bayern (statistical atlas of Bavaria). Figures for 2021 were not available at the time of going to press.

AIRPORT «GREEN SPACES»^{1]} OUTSIDE THE AIRPORT FENCE / GRI 304-3

In ha	2021	2020	2019
«Green spaces» in total	872	864	844
Compensatory mitigation areas, zone III ²	519	499	470
Airport periphery, zone II	250	250	250
Ecological land reserve for future expansion measures	103	115	124

¹⁾ Zone II and III green spaces that are developed or maintained by Flughafen München GmbH in accordance with nature conservation requirements (as opposed to leased agricultural land or other real estate)

²⁾ Time period: 10 PM to 6 AM

From 2020 to 2021, FMG was required to provide approx. 32 additional hectares of compensatory and replacement land. Work has begun on the development of approx. 20 hectares of compensation and replacement land. The remaining approximately 12 hectares were deducted from the eco-account.