# Our vehicles



Type	Number <sup>1)</sup>	Year of manufacture	Length	Power	Floor space
Α	41	1970-1983	111.45 m	2,160 kW	870
В	18	1987-1995	112.65 m	2,616 kW	870
C1	17	2000 – 2005	114.82 m	2,400 kW	912
C2	46	seit 2013	115 m	3,360 kW	940



Туре	Number	Year of manufacture	Length	Power	Floor space
R2/R2b	13/55	1994-1997	27.39 m	360 kW	157/164
R3	20	1999-2001	36.58 m	480 kW	218
S1 (Variobahn)	14	2009-2011	33.94 m	360 kW	221
T (Avenio) 2)	30	seit 2013	36.90 m	600 kW	215



Туре	Number	Length	Power	Floor space
Solo bus	86	approx. 12 m	206 – 271 kW	approx. 65
Articulated bus	257	approx. 18 m	220-271 kW	approx. 100
Trailer bus	57	approx. 23 m	265 – 271 kW	approx. 130

The fleet will be fully electrified by 2035.

The number of electric buses (see selection in photo) is continuing to grow.

- 1) A train consists of several units. For type A and B, a train generally comprises three twin railcars. Vehicles of type C1 and C2 are articulated trains that are walkable from end to end and are made up of six parts.
- 2) Type T (Avenio) consists of two-, three- and four-car trains. Length, power and space are given for the four-part T 4.7.

### Kilometres travelled

### Total:

# 59,600,000 km

which approximately corresponds to the shortest distance between Earth and Mars



Under- ground:	12,100,000 km corresponds to around 300 journeys round the world
Tram:	9,000,000 km corresponds to about 11,200 trips from the International Space Station to the Earth and back
Bus:	38,500,000 km corresponds to around 50 journeys from the Earth to the moon and back

## Kilometres travelled by a vehicle until it is removed from service

Under- ground:	around <b>5,400,000 km</b>
Tram:	around <b>2,500,000 km</b>
Bus:	around <b>800,000 km</b>

# Cruising speed

Average cruising speed Maximum speed 3)

Under- ground:	34.9 km/h	80 km/h (90 km/h)
Tram:	18.5 km/h	60 km/h (70 km/h)
Bus:	18.1 km/h	60 km/h (up to 100 km/h)

### Time for a wash!

Time a vehicle takes in the washing station until a vehicle is clean: Underground: 36 min. Tram: 15 min. Bus: 3 min.

3) The maximum operating speed is lower than the maximum speed technically possible, which is in brackets.

## Driven by green electricity

Efficient public transport means environmental protection in action. Thanks to green electricity, we already run 80 percent of our under**ground and tram lines in a climate-neutral manner.** The next step is to convert all buses to electric drive by 2035. The e-bus depot that opened in Moosach in late 2022 serves as the basis for this. Our vision: The best of Munich's mobility for a liveable and well-connected city.

### Constant fresh air



**Complete air exchange** in an underground train takes only about three minutes. Ventilation and air conditioning systems, folding windows plus the regular opening of doors at bus and tram stops also ensure fresh air in the passenger compartment in just a few minutes.

## Service offering in usable space kilometres 4)



### Records

The deepest underground station:	25 m	Karlsplatz (Stachus)
The longest underground line:	27.4 km	U6 Klinikum Groß- hadern — Garching- Forschungszentrum
The longest tram line:	16.8 km	Tram 17 Amalienburg- straße – St. Emmeram
The longest bus line:	27 km	Bus 157 Pasing Bahnhof — Germering

4) The service offering is calculated in usable space kilometres. To do this, the kilometres travelled by all vehicles are multiplied by the number of seats or standing places available.

# Our apps

Find them in the App Store or with Google Play





MVGO is the free mobility app for Munich and the surrounding area that connects local public transport and sharing offerings. It includes: Mobile tickets, connection information, live departure times, bikes, e-scooters and car-sharing. The Deutschlandticket and the Bavarian discount ticket for students, apprentices and volunteer workers are also available in the MVGO at any time. MVGO is being expanded bit by bit and is getting more features and services - including the MVG Fahrinfo München (MVG travel info Munich). MVGO – one app, travel anywhere!





HandyParken München offers digital parking tickets for paid parking spaces in Munich. With their access data, HandyParkers can also use the other MVG apps and switch to public transport or rent an MVG bike in seconds.

**M** Login

# M-Login

# Your access to Munich's digital services

Our apps work using the M-Login: With your M-Login access data, you can log in to the participating services with just one click. One log-in. One profile. So many possibilities.



Braun & Sohn Druckerei GmbH & Co. KG

Münchner Verkehrsgesellschaft mbH (MVG)

Mobilitätskommunikation

80287 Munich

Archiv der MVG, Siemens AG, Photos:

Freunde des Münchner Trambahnmuseums e. V. Serviceplan MAKE GmbH & Co. KG

08/2023 As at: DE134334 Product code:

MVG-Hotline: +49 800 344 22 66 00 freephone service number, available around the clock









# MVG -**Mobility in Munich**

Facts and figures 2023



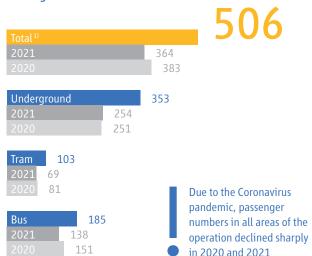


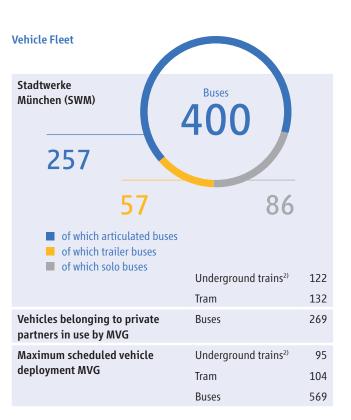
# Munich's Mobility Experts

Munich is growing. At present, around **1.51 million people live in the city** (1.74 million in the transport area), and this trend is rising. The coming years will determine whether Munich will stay on track. The same goes for public transport. That's why MVG's mobility experts are getting down to work: We are modernising and expanding local public transport one step at a time – with attractive bus connections, new tram routes and underground projects such as the U9. In addition, we are renewing and extending our vehicle fleets to keep Munich running.

For example, a total of 22 new Type C2 underground trains are coming to Munich by 2024. In the case of buses, we will increase the electric bus fleet to 132 vehicles by spring 2025. And in the case of trams, we expect 73 new Avenio type vehicles by 2026.

## Passengers in 2022 in millions





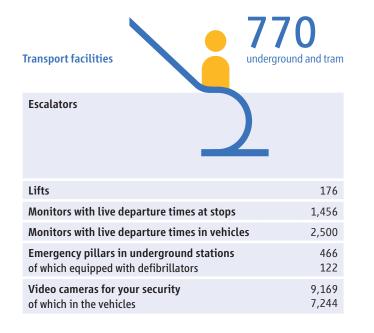
## **Mobility experts**



<sup>2)</sup> A type A or B underground train usually comprises three twin railcars or six individual railcars. In the case of continuous C-type trains, six individual cars are also counted as one train.

## Transport network

Routes operated in km	Underground	95
	Tram	82
	Bus	545
Lines	Underground	8
	Tram	12
	Bus	79
Night lines	Tram	4
	Bus	15
Stations <sup>4)</sup>	Underground	100
Stops	Tram	172
	Bus	1,074



4) Four interchange stations counted twice.

# Other mobility solutions

710,000 rentals per year

MVG Rad bike rental system **129** MVG bike stations (in Munich City) **186** MVG bike stations (in Greater Munich and Starnberg, as well as

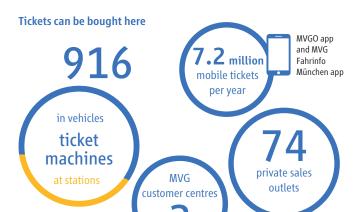
the Poing municipality) MVG has joint partnerships, including TIER, VOI, STATTAUTO, SIXT, MILES and SHARE NOW

### Our tickets

approx. 400,000 Number of subscriptions:5)

The most popular tickets (tickets sold in a year):

1 Single journey (Zone M) . . . . . . . . . . approx. 7,327,000 2 Stripe card . . . . . . . . . . . . . . . . . . approx. 3,354,000 ③ 9 Euro tickets . . . . . . . . . . approx. 2,248,000



5) Including MVV 365 Euro tickets.

### Service

MVG customer centres at Marienplatz and Hauptbahnhof (mezzanine levels)

Monday to Friday 08:00-20:00 Saturday 09:00-16:00

### How to contact us

## MVG passenger feedback

E-mail: kundendialog@mvg.de Münchner Verkehrsgesellschaft mbH, Kundendialog 80287 Munich

### **MVG Hotline**

Tel: 0800 344 22 66 00 freephone service number, available around the clock

# **MVG Lost Property Office**

Elsenheimerstraße 61. 1st floor 80687 Munich Search online at: mvg.de/fundbuero

found items per year

Mobile phones approx. 1,000 per year approx. 970 per year approx. 940 per year

### Contact

Emmy-Noether-Straße 2 80992 Munich Tel: 089 2191-0 mvg.de

> Additional data. information, facts and figures at mvq.de



<sup>3)</sup> Employees and drivers refers to the number of persons employed.