History of the Vienna Underground

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1969</td>
<td>Start of underground construction work</td>
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<tr>
<td>1978</td>
<td>Commissioning of the first section</td>
</tr>
<tr>
<td>1982</td>
<td>Completion of the core network from Reumannplatz to Kagran</td>
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<tr>
<td>2006</td>
<td>Completion of the line extension from Kagran to Leopoldau</td>
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<tr>
<td>1980</td>
<td>Completion of the branch line from Karlsplatz to Schottenring</td>
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<td>2008</td>
<td>Completion of the line extension from Schottenring to Stadion</td>
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<tr>
<td>2010</td>
<td>Completion of the line extension from Stadion to Aspernstraße</td>
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<tr>
<td>2013</td>
<td>Completion of the line extension from Aspernstraße to Seestadt</td>
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<td>1991</td>
<td>Commissioning of the first section</td>
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<td>1998</td>
<td>Commissioning of the section from Johnstraße to Ottakring</td>
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<tr>
<td>2000</td>
<td>Completion of the section from Ennberg to Simmering</td>
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<tr>
<td>1976</td>
<td>Commissioning of the first section (trial operation)</td>
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<tr>
<td>1981</td>
<td>Completion</td>
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<tr>
<td>1989</td>
<td>Commissioning of the first section</td>
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<tr>
<td>1995</td>
<td>Completion of the line extension to Siebenhirten</td>
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<tr>
<td>1996</td>
<td>Completion of the line extension to Floridsdorf</td>
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<tr>
<td>2006</td>
<td>Completion of the line extension from Kagran to Leopoldau</td>
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</tbody>
</table>

Vienna City Information

- **Approximate population**: 1,844,000
- **Area (km²)**: 414.9
- **Number of districts**: 23
- **Number of employed persons**: 794,910
- **Number of registered cars (including taxis)**: 685,570

TRAM

A total of 306 ultra-low floor articulated tramcars (ULF A: 42 passengers seated, 94 standing; ULF B: 66 passengers seated, 141 standing or 54 seated and 159 standing) are used to transport passengers.

BUS

197 normal buses, 12 battery-powered buses and 242 low-floor articulated buses were in service at the end of 2015.

UNDERGROUND

68 'Silver arrows' (294 passengers seated, 546 standing) as well as 55 continuous, air-conditioned Type V underground trains (260 passengers seated, 612 standing) are in use on the U1, U2, U3 and U4 underground lines. 144 Type T railcars are in use on the U6 underground line (58 passengers seated, 136 standing).
1865 1883 1897 1907 1949 1982 1995 1999 2010

First horse-drawn tram

Takeover of DT K&C by Vienna City Council; the first motor-driven bus line enters operation

Wiener Stadtwerke founded (power plants, gasworks, transport services)

Completion of the U1 underground line which also meant completion of the basic underground network

Launch of a daily city-wide night-time bus service with 22 lines; the ultra low-floor tram ULF enter operation

Wiener Stadtwerke Verkehrsbetriebe becomes a private company: Wiener Linien GmbH & Co KG

Underground lines begin operating during the night at weekends and before public holidays

Start of work to extend the U2 to Matzleinsdorfer Platz and construction of the first section of the U5 to Altes AKH.

Modernisation of the U4 underground line

Opening of the U2 line extension from Aspernstrasse to Seestadt

Opening of the U1 line extension from Reumannplatz to Oberlaa

First steam-powered tram line from Hietzing to Perchtoldsdorf

First tram line powered by electricity
Operating branches in total

### Lines
- Number of lines: 161
- Number of train and bus depots: 10
- Number of stops: 5,454

### Length (km)
- Network: 261.0
- Operational network: 253.7
- Total length of lines: 1,147.9
- Total track length: 664.2

### Vehicles
- Railcars and tramcars: 1,283
- Trailers: 296
- Buses: 451
- Available seats: 261,001

### Operating performance (km)
- Revenue kilometres operated: 114.6M
- Revenue kilometres contracted: 16.7M
- Total amount of kilometres: 150.1M
- Total passenger kilometres: 19,765.8M

### Key passenger figures
- Number of passengers: 939.1M
- Number of passengers per revenue kilometre operated: 6.26
- Number of passengers per 100 passenger kilometres: 4.75
- Number of passengers per inhabitant: 510
- Number of passengers per day: 2.57M

### Investment during the financial year (€)
- Total amount of revenue kilometres operated: 283.2M
- Total amount of revenue kilometres operated: 1.230.1M
- Total track length: 664.2
- Total length of lines: 1,147.9
- Operational network: 253.7
- Total number of underground passengers: 440.0M

### Lines
- Number of lines: 5
- Number of train depots: 3
- Number of stops: 104
- Average distance between stops (m): 15.7
- Average length (km): 15.7
- Average journey speed (km/h) at peak times: 15.0

### Length (km)
- Network length: 82.9
- Operational network: 79.1
- Total length of lines: 78.5
- Total track length: 28.6
- Girder rail to vignole rail ratio: 2% to 98%

### Structural elements
- Average number of trains in operation (Mon – Fri): 123
- Total number of railcars: 770
- Type ‘Silver arrow’ railcars: 406
- Type V railcars: 220
- Total revenue kilometres operated: 114.6M

### Vehicles
- Average number of trains in operation (Mon – Fri): 402
- Total number of railcars: 513
- Type V railcars: 110
- Available seats: 133,286
- Average vehicle capacity: 151.5

### Operating performance (km)
- Total amount of revenue kilometres operated: 82.1M
- Railcar revenue kilometres operated: 69.9M
- Trailer revenue kilometres operated: 12.2M
- Passenger kilometres: 12,512.1M

### Key passenger figures
- Total number of underground passengers: 440.0M

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### Vehicular
- Number of lines: 5
- Number of tram depots: 4
- Number of stops: 1,067
- Average distance between stops (m): 394.6
- Average length (km): 7.7
- Average journey speed (km/h): 15.0

### Length (km)
- Network length: 178.1
- Operational network: 174.6
- Total length of lines: 222.7
- Total track length: 427.3
- Girder rail to vignole rail ratio: 91% to 9%

### Structural elements
- Average number of trains in operation (Mon – Fri): 1,435
- Double-tracked route (km): 158.2
- Number of points: 599

### Vehicles
- Average number of trains in operation (Mon – Fri): 402
- Total number of railcars: 513
- Control trailers (Type V): 110
- Ultra-low-floor articulated trams (ULF): 306
- Trailers: 186
- Available seats: 8,847
- Average vehicle capacity: 127.1

### Operating performance (km)
- Total amount of revenue kilometres operated: 283.2M
- Railcar revenue kilometres operated: 23.3M
- Trailer revenue kilometres operated: 69.9M
- Passenger kilometres: 4,165.6M

### Key passenger figures
- Number of passengers: 298.0M
- Passenger kilometres: 4,165.6M
- Total amount of revenue kilometres operated: 29.8M

### Fuel consumption
- Liquid gas (litres): 3.88M
- Diesel (litres): 6.2M
- Litres per revenue kilometre operated: 0.57
- Litres per 100 passenger kilometres: 1.35

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### Line lengths
- Underground: 78.5 km
- Tram: 222.7 km
- Bus: 846.7 km

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### Annual passes
- Full price annual passes: 201.1M
- Annual passes for senior citizens: 38,868
- Average vehicle capacity: 86.2

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### Employees
- Total number of employees: 8,759
- Male employees: 87.49%
- Female employees: 12.51%

### Modal split
- Motorised private transport: 26%
- Local public transport: 27%
- Bicycle: 7%
- On foot: 39%

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### Comparison of line lengths
- Underground: 78.5 km
- Tram: 222.7 km
- Bus: 846.7 km

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### Revenues by ticket type
- Travel cards: 41.2%
- Single tickets: 14.6%
- Youth passes: 14.6%
- Monthly passes: 12.8%
- Other types of tickets: 8.3%

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### Passenger numbers
- Total number of passengers: 2,980,000
- Number of passengers per day: 7,560
- Number of passengers per revenue kilometre operated: 298.0M

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### Modal split
- Motorised private transport: 32%
- Local public transport: 33%
- Bicycle: 35%
- On foot: 39%