

The company

Facts and figures at a glance

Revision of 31 December 2020



Wir bewegen Dresden.

COMPANY PROFILE

Shareholders

Technische Werke Dresden (TWD)
The City of Dresden is a one hundred per cent shareholder in TWD.

Supervisory board

Chair of the board:
Mayor Raoul Schmidt-Lamontain (to October 2020)
Mayor Stephan Kühn (since November 2020)
Deputy: Jürgen Becker (ver.di)
The supervisory board consists of representatives of the shareholder and the employees.

Managing directors

Andreas Hemmersbach (Finance and Technology)
Lars Seiffert (Operation and Human Ressources)



ORGANISATION

Managing director for Operations and Human Resources		Managing director for Finance and Technology	
Operations manager, staff departments*			
Transport management/marketing			
Human resources /training	Facility- management	Financial department	Purchasing and materials management
Transport operations		Rail vehicles	Motor vehicles
		Infrastructure	building construction

* Executive office, corporate development, occupational safety and enviromental protection, internal auditing

LOCATIONS

Depots	
Trachenberge	Trachenberger Strasse 40
Gorbitz	Schlehenstrasse 25
Reick	Niedersedlitzer Strasse 31
Gruna	Tiergartenstrasse 96
Administration	
Main Office	Trachenberger Strasse 40
Infrastructure	Hohenthalplatz 7
Customer service	
Postplatz	Wilsdruffer Strasse 1
Albertplatz	
Central station	
Prager Strasse	
Trachenberge	Trachenberger Strasse 40



The crisis as a productive state: fundamental changes for passengers and staff

Our customers were positive about the additional hygiene measures and wanted more checks on compliance with the requirement to wear a mask.

According to the 2020 Public Transport User Barometer, almost 80 % of respondents were satisfied to fully satisfied with the DVB's crisis management, while 14 % did not give a rating.

Our staff now do much more mobile and digital work.

THE PANDEMIC

Economic consequences of the pandemic

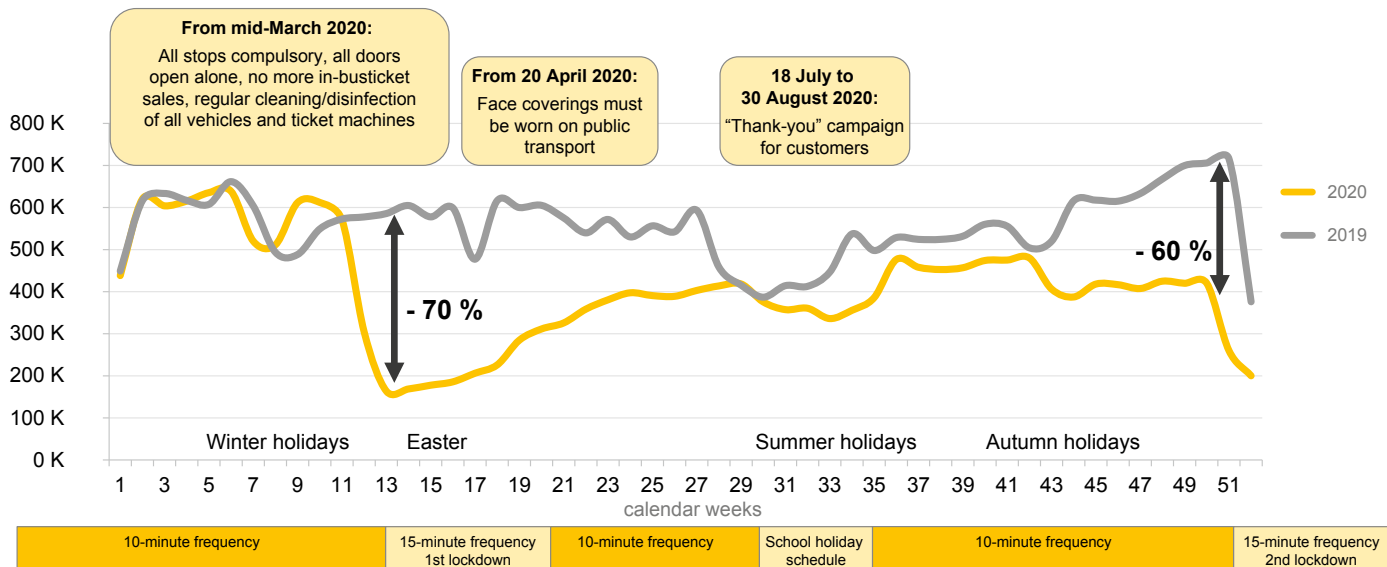
The number of passengers fell from 164.3 million in 2019 to 115.7 million in 2020.

This caused a loss of EUR 15.9 million in revenue, accompanied by savings (e.g. due to the lower energy demand) of EUR 2.0 million.

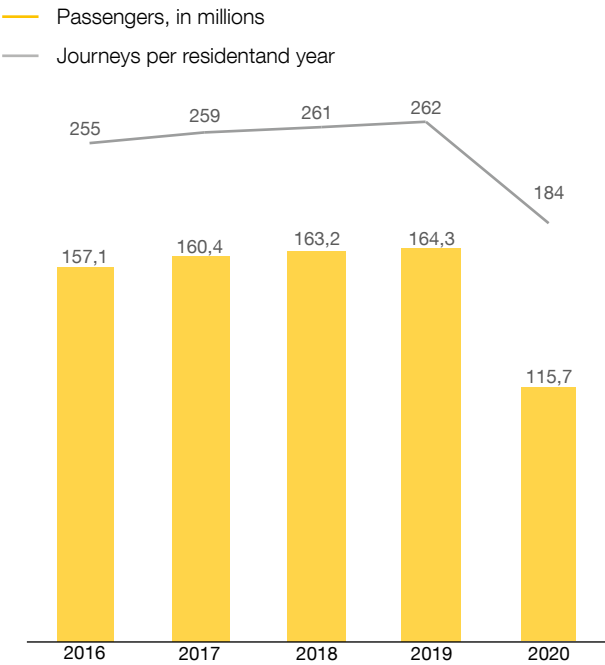
The public transport rescue package made up for EUR 13.9 million in lost revenue in 2020.

The DVB itself has to bear additional expenses related to the pandemic (e.g. for hygiene measures) amounting to EUR 2.9 million.

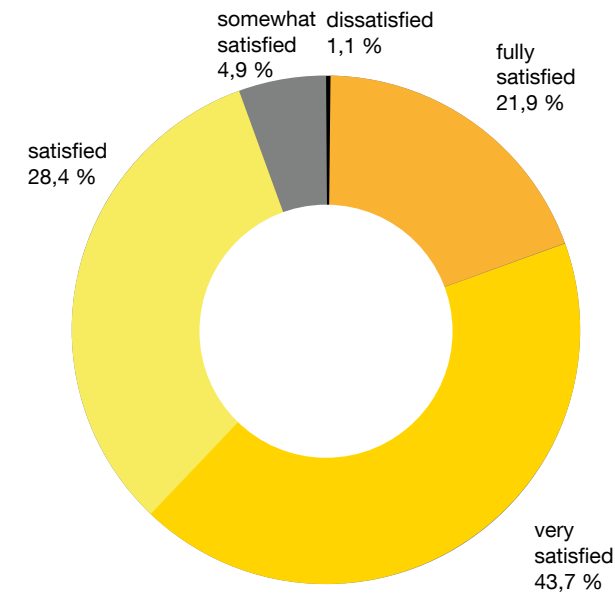
Number of passengers on an average workday in 2020/2019



CUSTOMERS



CUSTOMERS



Source: Kantar TNS



ENVIRONMENT

	Unit	2019	2020
Bus	t	9.837	8.425
Bus (third-party)	t	5.736	5.398
Commercial vehicles	t	538	503
Ferry	t	155	138
Total	t	16.266	14.464
Difference to previous year	%	7,3	-11,1

Based on: Diesel consumption

Indirect CO₂ emissions

	Unit	2019	2020
Trams*	t	13.900	12.403
Goods trams	t	24	21
Hillside railways**	t	35	20
E-bus	t	6	7
Total	t	13.965	12.451
Difference to previous year	%	-6,8	-10,8

Based on: Traction current used and DREWAG current labeling

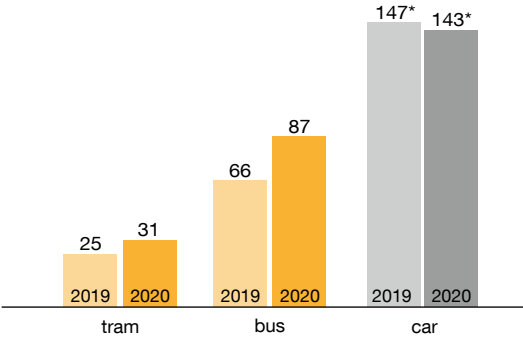
* incl. Points heating, Tram driving school, Specialised vehicles for track maintenance

** funicular railway, suspension railway

ENVIRONMENT



Energy consumption per passenger kilometre



To ensure that our passengers were able to keep at a safe distance on our trams and buses, we maintained our services at almost their usual level despite the drop in demand due to the pandemic. The lower number of passengers in the vehicles led to a rise in CO₂ emissions per passenger kilometre.

STAFF

	2019	2020
All staff	1.927	1.970
of whom worker	1.451	1.474
of whom tram drivers	574	602
of whom bus drivers	238	239
of whom dual-mode drivers	178	171
of whom employed directly	476	496
Trainees	85	84
students vocational academy	1	2,5
Average age in years	47,4	47,2
Percentage of women in %	22,2	22,3
Percentage of women in management positions in %	26,5	28,6
Percentages of severely disabled staff and persons similarly classified in %	6,3	6,5
Employee turnover in %	1,7	2,7
Health rate in %	90,7	90,6



ANNUAL ACCOUNTS

	2019	2020
Turnover in € million	153,9	137,9
Trend in %	3,2	-10,4
Operations results before loss in € million	-42,0	-50,4
Cost coverage in %	79,4	69,7
Investment in fixed assets (excluding financial assets) in € million	93,3	31,6
Funding in € million	58,7	13,7
Balance sheet total in € million	349,1	335,3

TRANSPORT PERFORMANCE

	2019	2020
Vehicle kilometres (million)	27,6	26,3
Place kilometres (million)	4118,4	3941,1
Passenger kilometres (million)	788,7	554,5



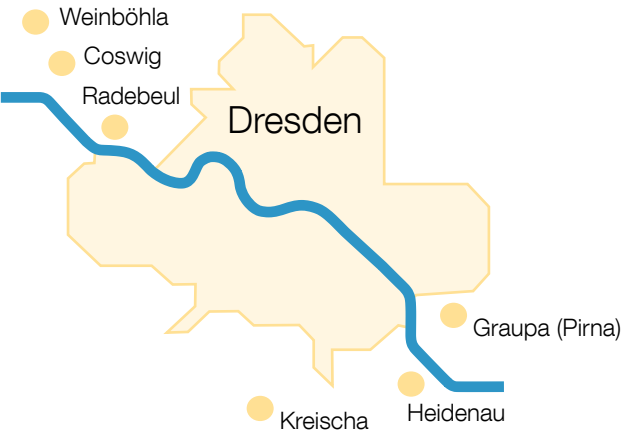
NETWORK

	Straßenbahn	Bus
Total number of routes	12	29
Total route length in km	213	321
Shortest route	10 (11.2 km)	79 (2.6 km)
Longest route	4 (28.6 km)	63 (29.7 km)
Average distance between stops in m	472	462
Average travel speed in km/h	19.2	10.2

	2019	2020
Total route length in km	528	533
Total stops	719	722
of which trams	151	151
of which buses	461	464
of which buses and trams together	107	107
Barrier-free stops in %	50,2	51



OPERATION AREA



Size

Operating area: 428 km²
City of Dresden: 328 km²

Residents

Operating area: 625.070
City of Dresden: 555.459

on 30 June 2020

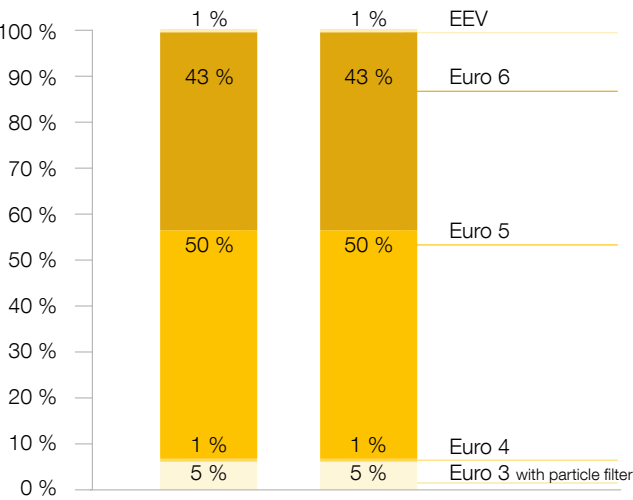
TRAM VEHICLES

	2019	2020
Total vehicles	184	184
Low-floor light-rail trams NGT D12 DD	43	43
Low-floor light-rail trams NGT 8 DD	23	23
Low-floor light-rail trams NGT D8 DD	40	40
Low-floor light-rail trams NGT 6 DD	60	60
Tatra T4D trams	18	18
Commercial vehicles		
Railcars	11	11
Trailers	4	4



BUS VEHICLES

	2019	2020
Total vehicles	141	141
MB low-floor articulated bus	67	67
MB hybrid articulated bus	8	8
MAN low-floor standard bus	1	1
MAN low-floor articulated bus	30	30
MAN hybrid bus	3	3
Solaris low-floor standard bus	7	7
Solaris low-floor articulated bus	18	18
Solaris electric bus	1	1
HESS hybrid articulated bus	6	6
Commercial vehicles	143	135
of which electric cars	10	10



The DVB bus fleet by emission standard

MOBIbike

	2019	2020*
Bicycles	0	1.000
DVB customers	0	12.800
Trips	0	359.200

* MOBIbike launched in August 2020

Customer satisfaction

	2019*	2020*
Bicycle hire system	2,74	2,49
Car sharing schemes	2,56	2,43

*Average on a scale from 1 (fully satisfied) to 5 (unsatisfied)

MOBIpunkt transfer points

	2019	2020
Number of points	12	25



HILLSIDE RAILWAYS

Loschwitz – Weisser Hirsch Standseilbahn funicular railway

Track length: 670 m
Route length: 547 m
Height difference: 94 m
Track width: 1,000 mm
Journey time: 5 min.
Capacity: 59 people per car

Loschwitz – Oberloschwitz Schwebbahn suspension railway

Route length: 274 m
Height difference: 84.2 m
Journey time: 4.5 min.
Capacity: 40 people per car

ELBE FERRIES

Ferry lines

Johannstadt – Neustadt (passenger ferry)
Niederpoyritz – Laubegast (passenger ferry)
Kleinzschachwitz – Pillnitz (passenger and car ferry)

Passenger ferries: 4
Car ferry: 1



TRAFFIC INFRASTRUCTURE

	2019	2020
Total track network in km	295,1	296,2
Route length in km	134,4	134,4
of which double-tracked	122,9	122,9
of which single-tracked	11,5	11,5
Tracks on separate beds in km	60	60
Grassed tracks in km	28,4	28,5
Condition-related speed-reduced sections in km	8,7	8,5
Points	650	652
Gauge: 1.450 mm		
Traction current system		
Overhead lines in km	317,8	319,2
Rectifier substations	55	59
Installed output in MW	120,5	124
Traction current cables in km	472	465
Overhead cable voltage: 600 V		
Signal systems		
for single-tracked routes	20	19
Crossing systems	29	29



HISTORY

- 1872 Inauguration of the horse-drawn carriage service
- 1889 Foundation of the German Tramcar Company
- 1893 First electric tram line: Schlossplatz – Schillerplatz
- 1895 Comissioning of the Standseilbahn funicular railway, Loschwitz – Weisser Hirsch
- 1901 Comissioning of the Schwebe suspension railway, Loschwitz – Oberloschwitz
- 1906 Foundation of the Municipal Tramcar Company
- 1914 Inauguration of the motor omnibus service
- 1931 “Grosser Hecht” tramcar comes into operation
- 1947 Inauguration of the trolley bus service in Dresden
- 1951 Formation of the City of Dresden’s People’s Own – VEB (K) – transport company
- 1954 First delivery of “Ikarus” motor omnibuses from Hungary (use to 2001)
- 1969 The first Tatra tramcars come into use from the ČSSR
- 1973 First public transport with automated ticket stamping in East Germany
- 1975 Stopping trolley bus service
- 1981 Inauguration of the tram route to Prohlis
- 1986 Inauguration of the tram route to Gorbitz
- 1993 Company becomes Dresdner Verkehrsbetriebe AG
- 1995 First NGT 6 DD light rail tram delivered
- 1996 Tram depot opens in Gorbitz
- 2000 Freight tram rollout
- 2001 First NGT 8 DD light rail tram delivered
- 2003 First NGT D12 DD light rail tram delivered
- 2004 Inauguration of the tram route to Kaditz
- 2006 First NGT D8 DD light rail tram delivered
- 2007 First hybrid bus enters operation
- 2008 Inauguration of the tram route to Pennrich
- 2011 Inauguration of the tram route to the MESSE DRESDEN trade fair
- 2015 Trial use of first electric bus begins
- 2018 Inauguration of first MOBipoint on the Pirnaischer Platz
- 2019 Inauguration of the tram route Oskarstraße - Tiergartenstraße
- 2020 Introduction of the Bicycle hire system MOBibike

MUSEUM VEHICLES

Tram railcars

Typ	Car number	Built	Pulls cars:
Berolina railcar	309	1902	87
Uni-directional MAN railcar	734	1913	1029
Large MAN standard railcar	765	1920	
Large MAN standard railcar	1644	1925	1135
Union railcar	937	1927	307
Union railcar	598	1911	
Grosser Hecht	1716	1931	1314
Kleiner Hecht	1820	1938	1219
LOWA ET 54 standard-gauge railcar	1538	1955	1361, 1362
Gotha T 57 bi-directional car	1587	1959	1413
Gotha T 59E uni-directional car	1512	1960	1422
Gotha T4-62 open-plan car	1734	1962	2015
Tatra T4D	2000	1967	272 105-7
Tatra T4D	222 998-7	1969	
Tatra T6A2	226 001-2	1986	



MUSEUM VEHICLES

Tram trailers

Typ	Car number	Built
Standard small coach	87	1911
Standard large coach	307	1912
Standard large coach	1135	1918
Standard uni-directional coach	1029	1925
Floating-axle coach	1219	1925
Steel coach	1314	1929
LOWA EB 54	1361, 1362	1956
B57 bi-directional coach	1413	1959
B59E uni-directional coach	1422	1960
B4-63 open-plan coach	2015	1964
Tatra B4D	272 105-7	1971

Buses

Type	Vehicle number	Built
Büssing NAG 900 N	401 301-3	1938
IFA H6B/S	401 302-1	1956
Ikarus 66.62	401 304-6	1972
Ikarus 260.02	401 204-5	1988
MB O 405	401 205-3	1990



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