Munich as a business location.
Facts and Figures
Munich as a business location.
Facts and Figures
The Corona pandemic turned many things upside down very suddenly last year. In March 2020, Germany went into the first lockdown and not only social but also economic life came to a standstill in many industries or was severely curtailed. Far-reaching political decisions had to and still have to be taken at all levels to stop the spread of the pandemic. The immediate effects on the economy were and are in some cases dramatic.

Munich as a business location and its companies have been affected in many ways by the economic impact of the Corona crisis: Unemployment rose to 4.5 per cent in Munich last year, which means an increase of about 13 500 additional unemployed. At the same time, the number of short-time workers in Munich rose to around 30 per cent of all employees subject to social insurance contributions. The tourism industry, the hospitality industry, inner-city retail as well as important infrastructure such as the Munich Trade Fair Center or the airport had to and still have to cope with immense slumps – this is also reflected in the figures at hand.

All these developments also affect Munich’s financial and budgetary situation. Due to the shortfall in tax revenues, especially in business tax, the city treasury is expecting a deficit of over 1.1 billion euros in the city budget. This will have a massive impact on Munich’s debt.

Not all of the economic effects caused by the Corona pandemic can be made visible yet on the basis of the available indicators. In some cases, the statistics are only available with a time lag. For this reason, the Department of Labor and Economic Development provides a monthly evaluation of economic and labour market statistics under muenchen.de/corona-und-wirtschaft to outline the current effects of the Corona crisis on Munich’s economy.

Despite all uncertainties and negative impacts, however, the broad and balanced mix of industries in Munich, the city’s strong position in the digitization and innovation sectors and a dynamic start-up scene speak for the resilience of the location, which it has already proved in previous crises. I therefore have no doubt that Munich as a business location will continue its success story once the pandemic-related restrictions are eased or lifted again.

Clemens Baumgärtner
Department of Labor and Economic Development
The Munich economic region

A place at the top table: How Munich compares with other cities

<table>
<thead>
<tr>
<th>Institute and customer</th>
<th>Sample</th>
<th>Basis for rankings</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>“City Rankings 2020” IW Consult, Wirtschaftswoche, Immobilienscout 24 (12/2020)</td>
<td>71 German cities with more than 100 000 inhabitants</td>
<td>Assessment of the level, dynamism and sustainability of economic development and prosperity based on socioeconomic indicators</td>
<td>First place for the City of Munich for level and for dynamism</td>
</tr>
<tr>
<td>“Smart City Index 2020” bitkom e.V. – German Association for Information Technology, Telecommunications and New Media (10/2020)</td>
<td>81 major German cities</td>
<td>Assessment of the progress of digitisation in the public sector in the areas: Administration, IT and telecommunications infrastructure, energy and environment, mobility, society</td>
<td>Second place for the City of Munich</td>
</tr>
<tr>
<td>“Brandmeyer Stadtmarken-Monitor” (10/2020)</td>
<td>50 largest German cities</td>
<td>Representative survey in Germany on how and with which aspects/themes cities are perceived as brands</td>
<td>Second place for the City of Munich</td>
</tr>
<tr>
<td>“Comparative Study of the 30 Largest Cities in Germany” HWWI/Berenberg City Ranking (11/2019)</td>
<td>30 largest German cities</td>
<td>Assessment of the dynamism of economic performance and competitiveness, as well as other key location factors such as education, innovation, international character and accessibility</td>
<td>Third place for the City of Munich</td>
</tr>
</tbody>
</table>
Economic Development in Munich

Economic performance is high in Munich, which also has the highest purchasing power of any large German city.

### Munich’s gross domestic product (GDP)

<table>
<thead>
<tr>
<th>Year</th>
<th>GDP in € billion (at current prices in each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>70.5</td>
</tr>
<tr>
<td>2010</td>
<td>82.7</td>
</tr>
<tr>
<td>2014</td>
<td>100.8</td>
</tr>
<tr>
<td>2015</td>
<td>105.9</td>
</tr>
<tr>
<td>2016</td>
<td>110.3</td>
</tr>
<tr>
<td>2017</td>
<td>116.2</td>
</tr>
<tr>
<td>2018</td>
<td>116.6</td>
</tr>
</tbody>
</table>

### Population and share of GDP

Munich region = City of Munich and its outlying districts

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bavaria</td>
<td>13 124 737</td>
<td>616 674</td>
<td>80 609</td>
</tr>
<tr>
<td>Munich region</td>
<td>2 927 716</td>
<td>193 574</td>
<td>100 449</td>
</tr>
<tr>
<td>City of Munich</td>
<td>1 484 226</td>
<td>116 647</td>
<td>103 355</td>
</tr>
<tr>
<td>Outlying districts</td>
<td>1 443 490</td>
<td>76 927</td>
<td>96 342</td>
</tr>
</tbody>
</table>

### Munich’s share of Bavaria’s GDP

- **18.9%** City of Munich
- **12.5%** Outlying districts
- **68.6%** Bavaria (excluding the Munich region)

Source: Bavarian Office of Statistics and Data Processing

### Munich’s share of Bavaria’s population

- **11.3%** City of Munich
- **11.0%** Outlying districts
- **77.7%** Bavaria (excluding the Munich region)

### Per capita purchasing power in 2020

- **32 913** Munich
- 22 480 Berlin
- 24 436 Cologne
- 25 840 Stuttgart
- 26 018 Frankfurt/Main
- 26 445 Hamburg
- 25 157 Bavaria
- 23 893 Germany

<table>
<thead>
<tr>
<th>City</th>
<th>Per capita purchasing power in € per inhabitant</th>
<th>Purchasing power index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Munich</td>
<td>138%</td>
<td>100%</td>
</tr>
<tr>
<td>Bavaria</td>
<td>105%</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>94%</td>
<td></td>
</tr>
</tbody>
</table>

Source: Acxiom Deutschland GmbH


Economic development in the Munich Metropolitan Region

<table>
<thead>
<tr>
<th></th>
<th>Germany</th>
<th>Bavaria</th>
<th>Munich Metropolitan Region</th>
<th>City of Munich</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface area (in km²)</td>
<td>357,100</td>
<td>70,550</td>
<td>25,548</td>
<td>310</td>
</tr>
<tr>
<td>Population in 2019 (millions)</td>
<td>83.17</td>
<td>13.12</td>
<td>6.16</td>
<td>1.48</td>
</tr>
<tr>
<td>Population growth since 2000 (in %)</td>
<td>1.1</td>
<td>7.3</td>
<td>13.3</td>
<td>22.6</td>
</tr>
<tr>
<td>GDP in 2018 (in € billion)</td>
<td>3,388.2</td>
<td>616.7</td>
<td>330.3</td>
<td>116.6</td>
</tr>
<tr>
<td>Economic growth since 2008 (in %)</td>
<td>60.1</td>
<td>71.9</td>
<td>74.0</td>
<td>65.4</td>
</tr>
<tr>
<td>Employees registered for social security in 2020 (millions)</td>
<td>33.32</td>
<td>5.68</td>
<td>2.77</td>
<td>0.89</td>
</tr>
<tr>
<td>Employment growth since 2008 (in %)</td>
<td>18.9</td>
<td>24.3</td>
<td>27.0</td>
<td>28.9</td>
</tr>
<tr>
<td>Unemployment rate in 2020 (in %)</td>
<td>5.9</td>
<td>3.6</td>
<td>3.6</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Employment in Munich

Increasing employment in digitalised industries and in the information and communication sector.

Distribution of employment in 2020

Employees registered for social security

<table>
<thead>
<tr>
<th>Sector</th>
<th>Number of employees</th>
<th>Change from previous year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, forestry</td>
<td>532</td>
<td>–1.5%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>102 407</td>
<td>–1.7%</td>
</tr>
<tr>
<td>Construction, energy/water supply, energy industry</td>
<td>38 438</td>
<td>4.8%</td>
</tr>
<tr>
<td>Retail, catering, transportation</td>
<td>157 307</td>
<td>–2.4%</td>
</tr>
<tr>
<td>Information, communication and media</td>
<td>92 770</td>
<td>4.8%</td>
</tr>
<tr>
<td>Financial and insurance services</td>
<td>57 484</td>
<td>–0.1%</td>
</tr>
<tr>
<td>Property, consultancy, business services</td>
<td>223 013</td>
<td>–0.8%</td>
</tr>
<tr>
<td>Public administration</td>
<td>42 782</td>
<td>2.4%</td>
</tr>
<tr>
<td>Education and teaching</td>
<td>33 720</td>
<td>0.8%</td>
</tr>
<tr>
<td>Healthcare and social sector</td>
<td>103 714</td>
<td>1.7%</td>
</tr>
<tr>
<td>Other public and private sectors</td>
<td>45 738</td>
<td>–1.5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>897 905</strong></td>
<td><strong>0.1%</strong></td>
</tr>
</tbody>
</table>

Number of employees registered for social security in 2020

<table>
<thead>
<tr>
<th>Sector</th>
<th>Change from previous year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information and communication, total</td>
<td>70 735</td>
</tr>
<tr>
<td>Provisions of information technology services</td>
<td>40 616</td>
</tr>
<tr>
<td>Corporate services, total</td>
<td>118 479</td>
</tr>
<tr>
<td>Legal and tax advice, auditing</td>
<td>67 867</td>
</tr>
<tr>
<td>Healthcare and social services</td>
<td>92 935</td>
</tr>
<tr>
<td><strong>Total employment</strong></td>
<td><strong>821 971</strong></td>
</tr>
</tbody>
</table>

Source: Federal Employment Agency
Employment in Munich

Unemployment rises in Munich for the first time in many years due to corona.

Registration for short-time work in Munich

Short-time work has been applied until the end of 2020 for around 370 000 employees in Munich.

<table>
<thead>
<tr>
<th></th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verified displays (companies)</td>
<td>1 841</td>
<td>17 762</td>
<td>2 998</td>
<td>871</td>
<td>414</td>
<td>297</td>
<td>297</td>
<td>201</td>
<td>694</td>
<td>1 515</td>
</tr>
<tr>
<td>Stated number of persons</td>
<td>51 877</td>
<td>218 236</td>
<td>48 441</td>
<td>11 336</td>
<td>4 802</td>
<td>3 352</td>
<td>3 002</td>
<td>1 724</td>
<td>5 994</td>
<td>11 617</td>
</tr>
</tbody>
</table>

Companies must submit a written notification to the employment agency before starting short-time work. The number of employees expected to be affected by short-time work must also be stated.

Unemployment rates in Germany, Bavaria and Munich

Annual averages

Number of people out of work in 2020 (change from previous year)
Germany: 2 695 444 (+ 428 724)
Bavaria: 275 075 (+ 63 110)
Munich: 48 348 (+ 13 640)

Number of unemployed persons and unemployment rates in German cities in 2020

Annual averages

Source: Federal Employment Agency
Munich as a centre for innovation

Munich Urban Colab – new innovation and start-up centre
Joint project of the City of Munich and UnternehmerTUM

The Munich Urban Colab brings together start-ups, academia, corporate innovators, creatives, city administration and urban society under one roof to work together on intelligent solutions for the city of the future.

For detailed information see: munich-urban-colab.de

Munich digital – supporting the Munich economy in Corona times

München. Digital. Wirtschaften
Initiative of the Department of Labour and Economic Development for the digitisation of Munich’s economy
muendchen.de/digital

Mia gehn online
Digitisation initiative for Munich’s restaurateurs, retailers and service providers
miagehn.online

#muenchenhaitzamm
Overview of Munich retailers, service providers and creative artists who make their offers available in times of lockdown
muenchenhaitzamm.de

#kreativmuenchencrowdfunding
Expanded funding programme for crowdfunding campaigns, information and advice for creative professionals not only in Corona times
kreativ-muenchen-crowdfunding.de

Summer in the city
Art and culture at a distance in summer 2020

Munich Christmas Market online
Christmas market at home in winter 2020

Economic and Labour Market Monitoring Corona
Monthly newsletter on the economic impact of the Corona pandemic on Munich’s economy
muendchen.de/corona-und-wirtschaft

Trade
Design and construction
Mobility
Digitisation
Artificial Intelligence
Climate protection
Energy supply
Start-ups in Munich

Munich – the location for start-ups and entrepreneurs.

Munich is establishing itself as Germany’s second start-up hotspot.

Satisfied with Munich: More than two thirds (68%) of Munich start-ups rate the local start-up ecosystem in Munich as good or very good. This is the second highest level of satisfaction in Germany.

Internationally positioned: 36% of employees in Munich start-ups are international specialists; the national average is 26%.

Busy: With an average of 31 employees, Munich start-ups have more than twice as many workers as the average for German start-ups.

Well financed: 29% of Munich’s start-ups are financed with venture capital; this puts Munich in second place in Germany.

Top Ten: Munich start-ups with the biggest rounds of financing in 2020

in € million

1. Lilium (Aerospace) 227
2. Isar Aerospace (Aerospace) 75
3. Personio (HR/Software) 62
4. Pricefx (Fintech) 54
5. Scalable Capital (Fintech) 50
6. Catalym (Biotech) 50
7. Limehome (Proptech) 31
8. SimScale (Software) 27
9. Xbav (Insurtech) 25
10. Kaia (Health) 21

A round of financing is an increase in capital contributions through investors.

Source: Munich Startup

Investment development in the start-up hotspot Munich

Investments remain stable despite crisis:

Munich start-ups will invest € 1.1 billion in 2020 (€ ~300 million compared to 2019); average investment volume remains stable at € 9.8 billion.

Corona – growth driver for selected industries:

health start-ups (192 Mio. €)
enterprise software (185 Mio. €)
digital fitness applications (22.7 Mio. €)
digital education (77 Mio. €)

Detailed and up-to-date information is available at:
Department of Labor and Economic Development, Startups: muenchen.de/gruendung
Munich Startup – the Official Startup Portal for Munich: munich-startup.de

Source: Munich Startup Insights Dashboard
Sectors and clusters in Munich

Selected sectors and clusters at the Munich location.

Manufacturing industry in Munich

<table>
<thead>
<tr>
<th></th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total turnover</td>
<td>41 017</td>
<td>37 420</td>
</tr>
<tr>
<td>Exports</td>
<td>29 647</td>
<td>26 755</td>
</tr>
<tr>
<td>Export rate</td>
<td>72.3%</td>
<td>71.5%</td>
</tr>
</tbody>
</table>

Export ratio Bavaria 2019: 56.0%
Export ratio Germany 2019: 48.5%

Turnover development in the manufacturing sector

<table>
<thead>
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</tr>
</tbody>
</table>

Export ratio Bavaria 2019: 56.0%
Export ratio Germany 2019: 48.5%

Information and Communications Technology (ICT)

<table>
<thead>
<tr>
<th></th>
<th>Munich Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companies (2018)</td>
<td>11 309</td>
</tr>
<tr>
<td>Turnover (in € billion) (2018)</td>
<td>24.0</td>
</tr>
<tr>
<td>Employees (2020)</td>
<td>140 088</td>
</tr>
<tr>
<td>Growth: Employees 2016–2020</td>
<td>+25 200 / +22%</td>
</tr>
</tbody>
</table>

Source: ifo Institute, Munich as ICT Location 2019

Biotechnology 2020

<table>
<thead>
<tr>
<th></th>
<th>Biotech</th>
<th>Pharma</th>
<th>Service provider/supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companies</td>
<td>205</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>Employees</td>
<td>13 000</td>
<td>10 000</td>
<td>5 000</td>
</tr>
</tbody>
</table>

Source: BioM Biotech Cluster Development GmbH
Sectors and clusters in Munich

Munich’s tourism suffers major losses due to the Corona pandemic.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrivals</td>
<td>6,957</td>
<td>7,042</td>
<td>7,763</td>
<td>8,266</td>
<td>8,750</td>
<td>2,992</td>
</tr>
<tr>
<td>Overnight</td>
<td>14,066</td>
<td>14,041</td>
<td>15,664</td>
<td>17,124</td>
<td>18,292</td>
<td>7,034</td>
</tr>
</tbody>
</table>

Tourism
City of Munich

Overnight stays in Munich 2019/2020

Overnight stays in Munich 2019/2020 according to countries of origin change compared to previous year in %

* DACH = Germany, Austria, Switzerland

Source: City of Munich, Department of Labor and Economic Development, Munich Office of Tourism
Selected companies in the Munich region

Manufacturing and high-tech industries
Airbus Defence and Space GmbH
ASM Assembly Systems GmbH & Co. KG
BAUER COMP Holding GmbH
BSH Hausgeräte GmbH
DR. SCHNELL GmbH & Co. KGaA
EOS GmbH Electro Optical Systems
FRANKA EMiKA GmbH
Freudenberg Chemical Specialities SE & Co. KG
Fujitsu Technology Solutions GmbH
Giesecke+Devrient GmbH
Gleason-Hurth Tooling GmbH
HAWE Hydraulik SE
Hoffmann SE
Infineon Technologies AG
Intel Deutschland GmbH
Knöll Lubrication München SE & Co. KG
Krauss-Maffei Wegmann GmbH & Co. KG
LEGO GmbH
Linde GmbH Linde Engineering
MAURER SE
MTU Aero Engines AG
OHB System AG
OSRAM Licht AG
Philip Morris GmbH
Rodstock GmbH
ROHDE & SCHWARZ GmbH & Co. KG
Samsung Semiconductor Europe GmbH
Siemens Aktiengesellschaft
Silicon AG
SPINNER GmbH
TDK Electronics AG
Texas Instruments Deutschland GmbH
Thüga Aktiengesellschaft
VISPIRON SYSTEMS GmbH
Wacker Neuson SE

Automotive engineering
Bayerische Motoren Werke Aktiengesellschaft
Bertrandt Ingenieurbüro GmbH
EDAG Engineering GmbH
Franz Xavier Meißner Fahrzeug- und Maschinenfabrik GmbH & Co KG
iwis Gruppe
Krauss-Maffei Wegmann GmbH & Co. KG
MAN SE
P+Z Engineering GmbH
Rail Power Systems GmbH
Schleicher Fahrzeugteile GmbH & Co. KG
Valmet Automotive Engineering GmbH
Voith Consulting Engineers GmbH & Co. Planungs KG
Webasto SE

Property/construction
Accumulata Real Estate Group GmbH
ARGENTA Internationale Anlagegesellschaft mbH
Bayerische Hausbau GmbH & Co. KG
DBAG Industriebau AG
Drees & Sommer München
Hammer AG
Investa Development GmbH
Leonhard Moll AG
Optima-Aegidius-Firmengruppe
STRABAG Großprojekte GmbH
WÖHR + BAUER GmbH

Financial services
Allianz SE
AXA Konzern AG
Bayerische Börse AG
Bayerische Landesbank
Anstalt des öffentlichen Rechts
BNP Paribas S.A.
Niederlassung Deutschland
CAEITIS Bank S.A., Germany Branch
Continentale Lebensversicherung AG
Deutsche Pfandbriefbank AG
Generali Deutschland AG
Interhyp AG
K伽L GmbH & Co. KG

Lebensversicherung von 1871 a. G. München
LTA Förderbank Bayern
MEAG MUNICH ERGO
AssetManagement GmbH
Merck Finck Privatbankiers AG
Münchener Hypothekenbank eG
Münchener Verein
Krankenversicherung a. G.
Münchener Rückversicherungs-Gesellschaft Aktiengesellschaft in München
Münchner Bank eG
SBK Siemens-Betriebskrankenkasse
Sparda-Bank München eG
Stadtparkasse München
Anstalt des öffentlichen Rechts State Street Bank International GmbH
Swiss Life AG
Niederlassung für Deutschland
Swiss Re Europe S.A.
Niederlassung Deutschland
UniCredit Bank AG
Versicherungskammer Bayern
Versicherungsanstalt des öffentlichen Rechts
WWK Lebensversicherung auf Gegenseitigkeit

Life science
Agfa-Gevaert HealthCare GmbH
Amgen GmbH
Arthrex GmbH
Astellas Pharma GmbH
Bayerian Nordic GmbH
Baxter Deutschland GmbH
tene-Arzneimittel GmbH
Biogen GmbH
Brainlab AG
Bristol-Myers Squibb GmbH & Co. KGaA
daiichi Sankyo Europe GmbH
GE Healthcare GmbH
GlaxoSmithKline GmbH & Co. KG
Hexal AG
Ipsen Pharma GmbH
LivaNova Deutschland GmbH
Medigene AG
MorphoSys AG
MSD SHARP & DOHME GMBH
PUREN Pharma GmbH & Co.KG
Roche Diagnostics GmbH
Sandoz International GmbH
Wacker Chemie AG

Companies in Munich: 90 711
New business registered: 15 995
(–8.0% compared to previous year)

DAX companies

1) not exhaustive
Information and communication technology

Apple GmbH
Atos Information Technology GmbH
Autodesk GmbH
Avnet Business Services GmbH
BT (Germany) GmbH & Co. oHG
CANCOM SE
Cegeka Deutschland GmbH
Celonis SE
Cisco Systems GmbH
ESG Elektroniksystem- und Logistik-GmbH
Gigaset Communications GmbH
Google Germany GmbH
Huawei Technologies Deutschland GmbH
IBM Deutschland GmbH
Ingram Micro Distribution GmbH
M-net Telekommunikations GmbH
Mensch und Maschine Deutschland GmbH
Microsoft Deutschland GmbH
National Instruments Germany GmbH
NEMETSCHEK SE
Nokia Solutions and Networks
GmbH & Co. KG
NTT DATA Deutschland GmbH
Open Text Software GmbH
ORACLE Deutschland B.V.& Co. KG
Qualcomm Germany RFFE GmbH
salesforce.com Germany GmbH
SAP Deutschland SE & Co. KG
TechnoTrend GmbH & Co. OHG
Telekom Deutschland GmbH
Telefónica Deutschland Holding AG
Trazian Games GmbH
Verizon Media Germany GmbH
Vodafone GmbH, Region Süd

IDG Communications Media AG
Münchner Zeitungs-Verlag GmbH & Co.KG
Penguin Random House
Verlagsgruppe GmbH
Programmdirektion
Erstes Deutsches Fernsehen
ProSiebenSat.1 Media SE
RTL 2 Fernsehen GmbH & Co. KG
Sky Deutschland GmbH
Sony Music Entertainment Germany GmbH
Springer Fachmedien München GmbH
Süddeutsche Zeitung GmbH
The Walt Disney Company (Germany) GmbH
TRIXTER GmbH
VERLAG C.H.BECK oHG
Vodafone Kabel Deutschland GmbH

Königliche Porzellan Manufaktur
Nymphenburg GmbH & Co. KG
LODEN-FREY Verkaufshaus
GmbH & Co. KG
Louis Vuitton Deutschland GmbH
MAERZ Muenchen KG
MORE & MORE GmbH
Oui Gruppe GmbH & Co. KG
Roeckl Handschuhe & Accessoires GmbH & Co. KG
Steelcase AG
TALBOT RUNHOF
Triumph International AG
Willy Bogner GmbH & Co. KGaA

Food

Alois Dallmayr KG
AmRest Coffee Deutschland
Sp. z o.o. & Co. KG
Augustiner-Bräu Wagner KG
DANONE GmbH
Develery Senf & Feinkost GmbH
Hacker-Pschorr Bräu GmbH
Josef Bernbacher & Sohn GmbH & Co. KG
Käfer AG
Löwenbräu AG
Ludwig Stocker Hofpfisterei GmbH
Mars GmbH
Max Rüchtls Backhaus KG
McDonald’s Deutschland LLC
Paulaner Brauerei Gruppe
GmbH & Co. KGaA
Red Bull Deutschland GmbH
Spaten-Franziskaner-Bräu GmbH
Staatliches Hofbräuhaus in München
vinzenzmurr Vertriebs GmbH

Accenture GmbH
ADAC e.V.
Amazon EU SARL
Bain & Company Germany, Inc.
Bayerngas GmbH
BayWa AG
BRUNATA – METRONA GmbH & Co. KG
Boston Consulting Group GmbH
Capgemini Deutschland GmbH
CHECK24 Vergleichsportal GmbH
Deloitte GmbH
Wirtschaftsprüfungsgesellschaft
Dr. Sasse AG
Edenred Deutschland GmbH
Ernst & Young GmbH
Wirtschaftsprüfungsgesellschaft
FiniMobility GmbH
FTI Touristik GmbH
Jochen Schweizer GmbH
Kantar GmbH
KPMG AG Wirtschaftsprüfungsgesellschaft
MAHAG GmbH
McKinsey & Company Inc.
Motel One GmbH
mydays GmbH
PAYBACK GmbH
PricewaterhouseCoopers GmbH
Wirtschaftsprüfungsgesellschaft
Roland Berger GmbH
Scout24 AG
Serviceplan Group SE & Co. KG
Sixt SE
Stadtwerke München GmbH
Studiosus Reisen München GmbH
TÜV SÜD AG
zooplus AG

Fashion and lifestyle

ALLUDE Gesellschaft für Entwicklung und Distribution von Modevaren mbH
Ambiente Direct GmbH
Codello Lifestyle Accessories GmbH
ESCADA SE
Estée Lauder Companies GmbH
Etienne Aigner AG
HALLHUBER GmbH

Abendzeitung München Verlags-GmbH
ARRI AG
Bavaria Film GmbH
Bayerischer Rundfunk
Anstalt des öffentlichen Rechts
Carl Hanser Verlag GmbH & Co. KG
Constanzt Film AG
dtv Verlagsgesellschaft mbH & Co. KG
GRAFE UND UNZER VERLAG GmbH
H. Hugendubel GmbH & Co. KG
Hubert Burda Media Holding KG

Other service providers
Munich as a hub of knowledge

Munich is Germany’s second-biggest university city.

Students at Munich’s universities

in the winter 2019/2020 semester

133,768 students in Munich, of whom 27,926 (20.9%) were foreign students

<table>
<thead>
<tr>
<th>University</th>
<th>Students</th>
<th>Foreign Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ludwig-Maximilians-Universität München</td>
<td>52,425</td>
<td></td>
</tr>
<tr>
<td>Technische Universität München</td>
<td>42,705</td>
<td></td>
</tr>
<tr>
<td>Munich University of Applied Sciences</td>
<td>18,039</td>
<td></td>
</tr>
<tr>
<td>University of the Federal Armed Forces Munich</td>
<td>3,453</td>
<td></td>
</tr>
<tr>
<td>Other universities</td>
<td>17,146</td>
<td></td>
</tr>
</tbody>
</table>

Sources: Bavarian Office of Statistics and Data Processing

Ausgewählte Hochschulen

- Academy of Fashion and Design
- Campus M21
- Catholic University of Applied Sciences
- FOM – University of Applied Sciences
- Fresenius University, Munich department
- HDBW Bavarian Business Academy Munich
- Ludwig-Maximilians-Universität München
- Macromedia University for Media and Communication
- Munich Academy of the Fine Arts
- Munich Business School
- Munich School of Philosophy
- Munich School of Political Science
- Munich University of Applied Sciences
- Munich University of Music and Theater
- Munich University of Television and Film
- Munich University of the Federal Armed Forces
- Technische Universität München
- University of Applied Languages (SDI) Munich

Selected non-university research institutions

- Bavaria Academy of Sciences and Humanities
- Deutsches Museum
- Fraunhofer Society – Head office and institutes
- Goethe Institute
- Helmholtz Center Munich
- ifo Institute for Economic Research
- Institute of Contemporary History
- Max Planck Society – Headquarter and institutes

University graduates 2020

Percentage of all employees registered for social security who are university graduates

- Munich: 37.1%
- Stuttgart: 33.6%
- Frankfurt/Main: 30.8%
- Berlin: 28.9%
- Cologne: 26.5%
- Hamburg: 25.5%
- Bavaria: 18.2%
- Germany: 17.4%

Source: Federal Employment Agency
Local government finance

Falling revenues and rising debts as a result of the Corona pandemic.

Balance sheet for the City of Munich, 2020
in € million

<table>
<thead>
<tr>
<th>Year</th>
<th>Expenditures</th>
<th>Revenues</th>
<th>Annual Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>8 124</td>
<td>6 979</td>
<td>~1 145</td>
</tr>
</tbody>
</table>

2 946 Other revenues
2 140 Business tax
1 220 Income tax
673 other taxes

Debts
Debts per inhabitant
in € million

2005–2019: Actual debt figures
2020: Final alignment

The City of Munich’s local government debt

Planned investments in the City of Munich in 2020–2024
Total investments: € 8 940 million

- School, nurseries and creches: € 3 686 million (41.2%)
- Housing construction: € 1 408 million (15.7%)
- Acquisition of land and buildings (outside the priorities): € 885 million (9.9%)
- Other construction projects: € 677 million (7.6%)
- Road and bridge construction: € 621 million (7.0%)
- Local public transport: € 619 million (6.9%)
- Other investments: € 400 million (4.5%)
- SWM capital repayment: € 287 million (3.2%)
- Culture: € 246 million (2.8%)
- Climate change mitigation program: € 111 million (1.2%)

Source: City of Munich, City Treasury
Real estate in Munich

Office property markets reflect effects of the Corona crisis: significantly declining turnover and rising vacancy rates.

### Office space turnover in m²

<table>
<thead>
<tr>
<th>City</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berlin</td>
<td>1030000</td>
<td>734000</td>
</tr>
<tr>
<td>Frankfurt</td>
<td>550500</td>
<td>329500</td>
</tr>
<tr>
<td>Hamburg</td>
<td>535400</td>
<td>334300</td>
</tr>
<tr>
<td>Cologne</td>
<td>275000</td>
<td>202000</td>
</tr>
<tr>
<td>Munich</td>
<td>770400</td>
<td>567800</td>
</tr>
<tr>
<td>Stuttgart</td>
<td>312100</td>
<td>139500</td>
</tr>
</tbody>
</table>

### Average rents for office space in €/m²

<table>
<thead>
<tr>
<th>City</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berlin</td>
<td>26.30</td>
<td>28.70</td>
</tr>
<tr>
<td>Frankfurt</td>
<td>21.30</td>
<td>23.00</td>
</tr>
<tr>
<td>Hamburg</td>
<td>17.30</td>
<td>17.10</td>
</tr>
<tr>
<td>Cologne</td>
<td>15.20</td>
<td>15.90</td>
</tr>
<tr>
<td>Munich</td>
<td>20.10</td>
<td>21.50</td>
</tr>
<tr>
<td>Stuttgart</td>
<td>16.60</td>
<td>16.60</td>
</tr>
</tbody>
</table>

### Vacant office space in m²

<table>
<thead>
<tr>
<th>City</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berlin</td>
<td>793600</td>
<td>810200</td>
</tr>
<tr>
<td>Frankfurt</td>
<td>354000</td>
<td>344700</td>
</tr>
<tr>
<td>Hamburg</td>
<td>413300</td>
<td>413300</td>
</tr>
<tr>
<td>Cologne</td>
<td>175000</td>
<td>219300</td>
</tr>
<tr>
<td>Munich</td>
<td>489400</td>
<td>787900</td>
</tr>
<tr>
<td>Stuttgart</td>
<td>149600</td>
<td>248700</td>
</tr>
</tbody>
</table>

### Office vacancy rates

<table>
<thead>
<tr>
<th>City</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berlin</td>
<td>1.2%</td>
<td>1.7%</td>
</tr>
<tr>
<td>Frankfurt</td>
<td>6.9%</td>
<td>7.1%</td>
</tr>
<tr>
<td>Hamburg</td>
<td>2.5%</td>
<td>3.0%</td>
</tr>
<tr>
<td>Cologne</td>
<td>2.2%</td>
<td>2.8%</td>
</tr>
<tr>
<td>Munich</td>
<td>2.2%</td>
<td>3.5%</td>
</tr>
<tr>
<td>Stuttgart</td>
<td>1.9%</td>
<td>3.0%</td>
</tr>
</tbody>
</table>

Source: Colliers International
Real estate in Munich

Major construction projects and plans, 2021–2022
Munich’s infrastructure

Munich trade fair company – sharp declines as a result of the Corona pandemic.

### Munich trade fair company

<table>
<thead>
<tr>
<th>Year</th>
<th>Trade fairs and exhibitions*</th>
<th>Guest shows</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>13</td>
<td>204</td>
</tr>
<tr>
<td>2016</td>
<td>16</td>
<td>169</td>
</tr>
<tr>
<td>2017</td>
<td>15</td>
<td>180</td>
</tr>
<tr>
<td>2018</td>
<td>14</td>
<td>158</td>
</tr>
<tr>
<td>2019</td>
<td>15</td>
<td>163</td>
</tr>
<tr>
<td>2020</td>
<td>6</td>
<td>98</td>
</tr>
</tbody>
</table>

*No. of exhibitors (thousands)  
No. of visitors (hundred thousands)

### Selected Munich trade fairs in 2020**

<table>
<thead>
<tr>
<th>Fair Name</th>
<th>Exhibitors</th>
<th>Visitors</th>
</tr>
</thead>
<tbody>
<tr>
<td>INHORGENTA MUNICH</td>
<td>1,034</td>
<td>25,803</td>
</tr>
<tr>
<td>ISPO München</td>
<td>2,850</td>
<td>77,204</td>
</tr>
</tbody>
</table>

**Selected congresses at the ICM International Congress Center in 2020**

<table>
<thead>
<tr>
<th>Congress Name</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>OOP 2020 – Conference for Software Architecture</td>
<td>5,200</td>
</tr>
<tr>
<td>SMX 2020 – Search Marketing Expo / AFBMC All Facebook Marketing Conference / AIFMC All Instagram Marketing Conference</td>
<td>1,400 of which 900 online</td>
</tr>
<tr>
<td>DGGG 2020 – 63rd Congress of the German Society for Gynaecology and Obstetrics e.V.</td>
<td>5,200 of which 3,500 online</td>
</tr>
</tbody>
</table>

*Messe München's own events  
** due to the Corona pandemic, all events have either been cancelled or postponed as of March 2020

Source: Messe München
Munich’s infrastructure

Munich Airport – dramatic collapse due to the Corona pandemic.

Passenger volume at Munich Airport

Take-offs and landings at Munich Airport

Source: German Airports Association (ADV)

Passenger volumes at selected German airports

Source: German Airports Association (ADV)
Getting to and from Munich

Road networks: Connections to 7 motorways
Rail transport: Over 220 long-distance and 250 regional trains transport
Public transport: 442 km S-Bahn, 95 km U-Bahn, 82 km tram and 511 km bus network

Selected European flight connections

Selected direct international flights

86 airlines regularly served 226 destinations in 2020.

Source: Flughafen München
Imprint

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