

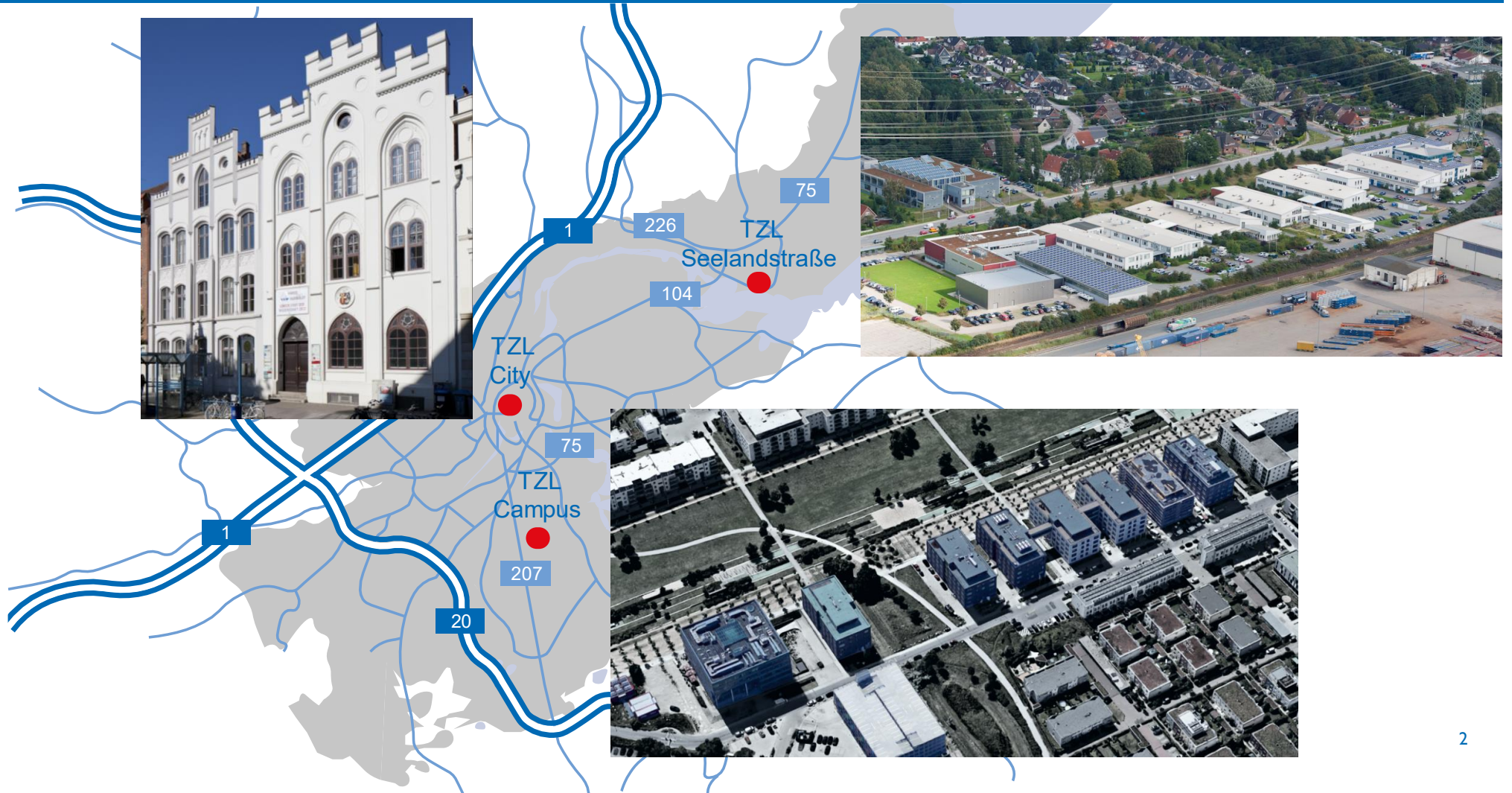
# TECHNIKZENTRUM LÜBECK

NICLAS APITZ

MAY 2020



# TZL – TECHNOLOGY AND SCIENCE PARK



# RENTAL

- 20 buildings > 54,000 m<sup>2</sup>, 3 locations in Lübeck
- 200 SME and R&D-Institutes as tenants
- The best conditions for a cooperative and motivating work environment
- Flexibly scalable office, workshop, laboratory and storage space
- Cheap rents



# BIOMEDTEC CAMPUS

**TZL**  
TECHNIKZENTRUM LÜBECK



 **TECHNISCHE  
HOCHSCHULE  
LÜBECK**

 **UNIVERSITÄT ZU LÜBECK**

**UK  
SH**

**TZL**  
TECHNIKZENTRUM LÜBECK



The Technikzentrum Lübeck (TZL) is the one-stop agency for startups and established companies on the BioMedTec Campus Lübeck

## Rental

TZL Seelandstraße  
TZL Campus  
TZL City

Scalable office, workshop,  
laboratory and storage  
facilities; incubator

## Network-/ Project Partner

Interreg  
VekselWirk  
Lean Landing  
Maker Startups  
StartUp SH  
GDI

## TZL Akademie

3D-Printing Workshops 

3D Week



## StartUp Support

StartUp Platform  
 GRÜNDERVIERTEL

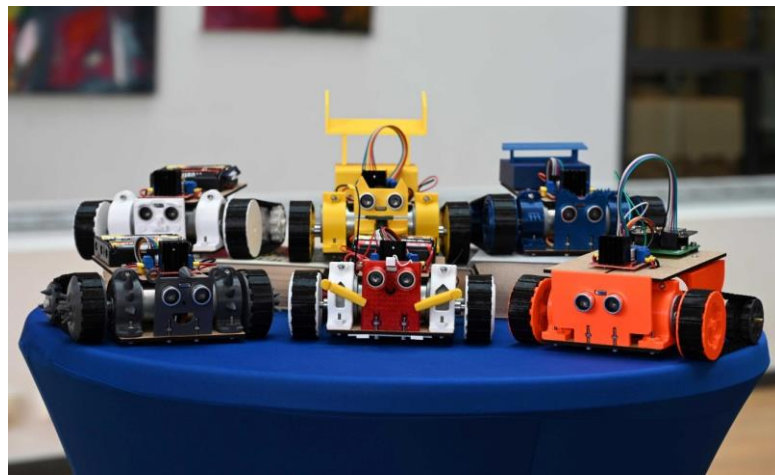
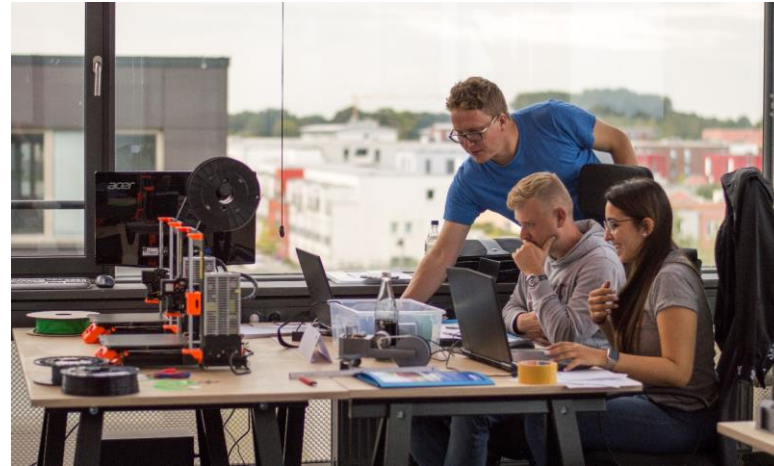
Accelerator



Xing, LinkedIn, Blog

Facebook, Twitter, Instagram

# TZL AKADEMIE



- **Courses**
  - 3-Days Masterclass
  - 1- Day Crashkurs



# 3D WEEK



UNIVERSITÄT ZU LÜBECK  
INSTITUTE OF MEDICAL  
ENGINEERING

**TZL**  
TECHNIKZENTRUM LÜBECK

# 3D WEEK

**Save the Date**  
Sep 7-11, 2020

Sep 9 3D-Druck: Symposium für den Mittelstand

Sep 9-11 Additive Manufacturing Meets Medicine [AMMM 2020]

Sep 7-11 Fortbildungskurse: Additive Fertigung und 3D-Technologien

[www.3dweek.org](http://www.3dweek.org)

Infinite Science Conferencing

- 9. – 13.9.2019
- Conference on additive manufacturing
- 300 participants

## Sponsors

- Siemens, SLM, Dräger, Greif-Velox, iGo3D, Materialise, DMRC, Fehrmann Alloys, Schaeffler, Mark3D, 3Yourmind, EOS, TZL Akademie, FabLab Lübeck
- Priorities
  - Metallic 3D-Printing
  - Plastic 3D-Printing
  - Application

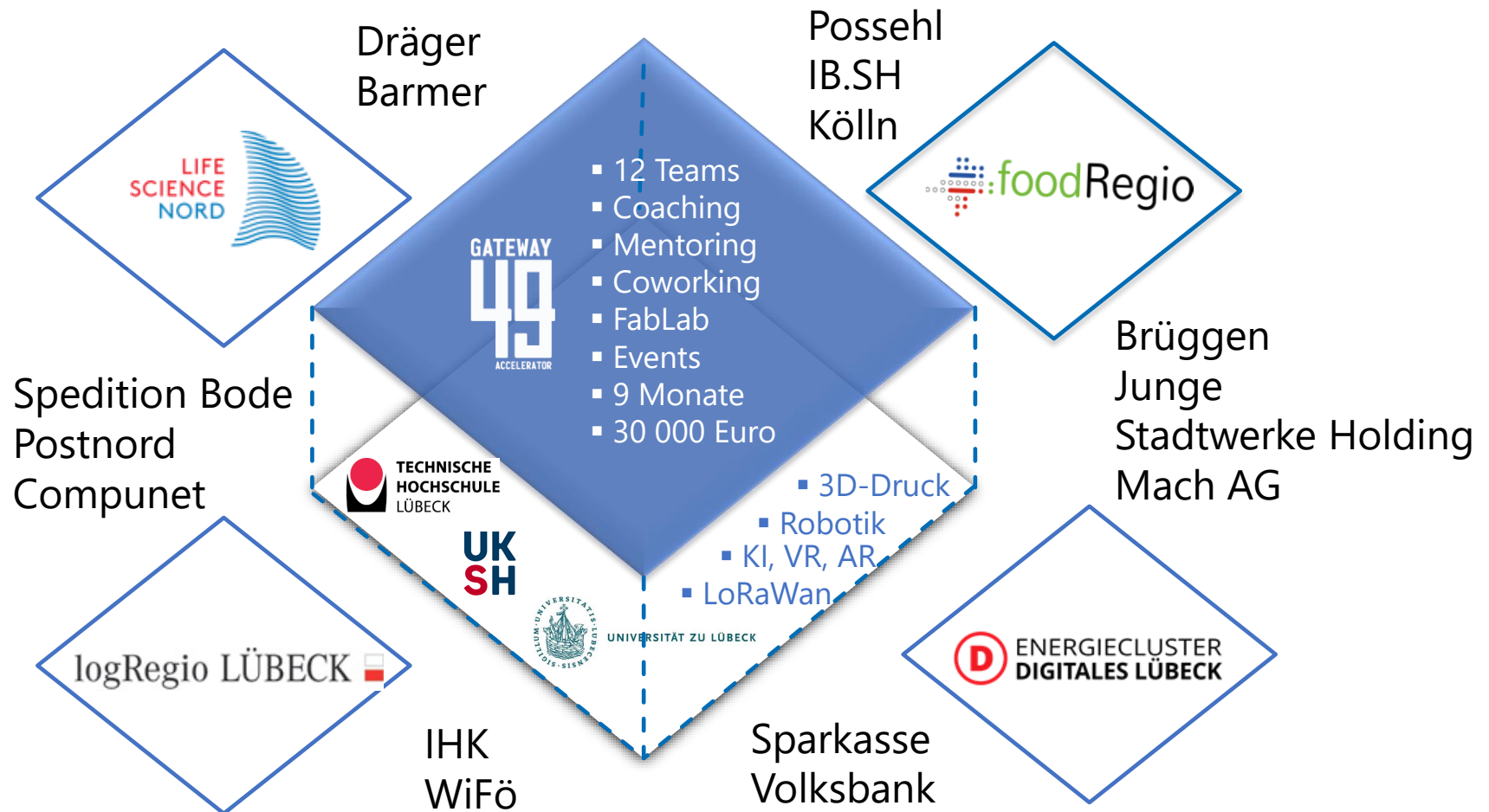
## Digital 2020

# ACCELERATOR GATEWAY49





# ACCELERATOR GATEWAY49



- Angefragt:
- Gödecke
  - Arthur Krüger
  - SLM
  - Aalberts
  - Beiersdorf
  - Commerzbank
  - Lufthansa
  - Sydbank
  - Deutsche Bank

# IMPRESSIONS - GATEWAY49





# IMPRESSIONEN - GATEWAY49





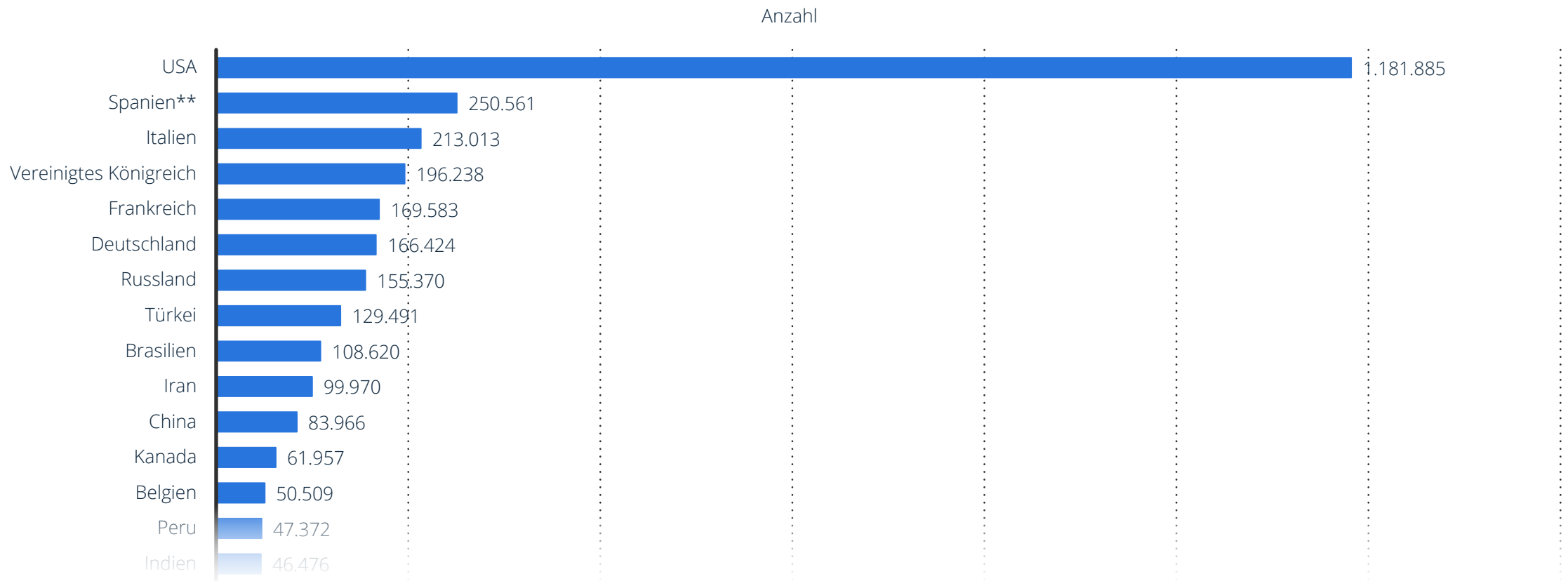
# **CORONA-PANDEMIE (COVID-19) 2020**

May 5, 2020

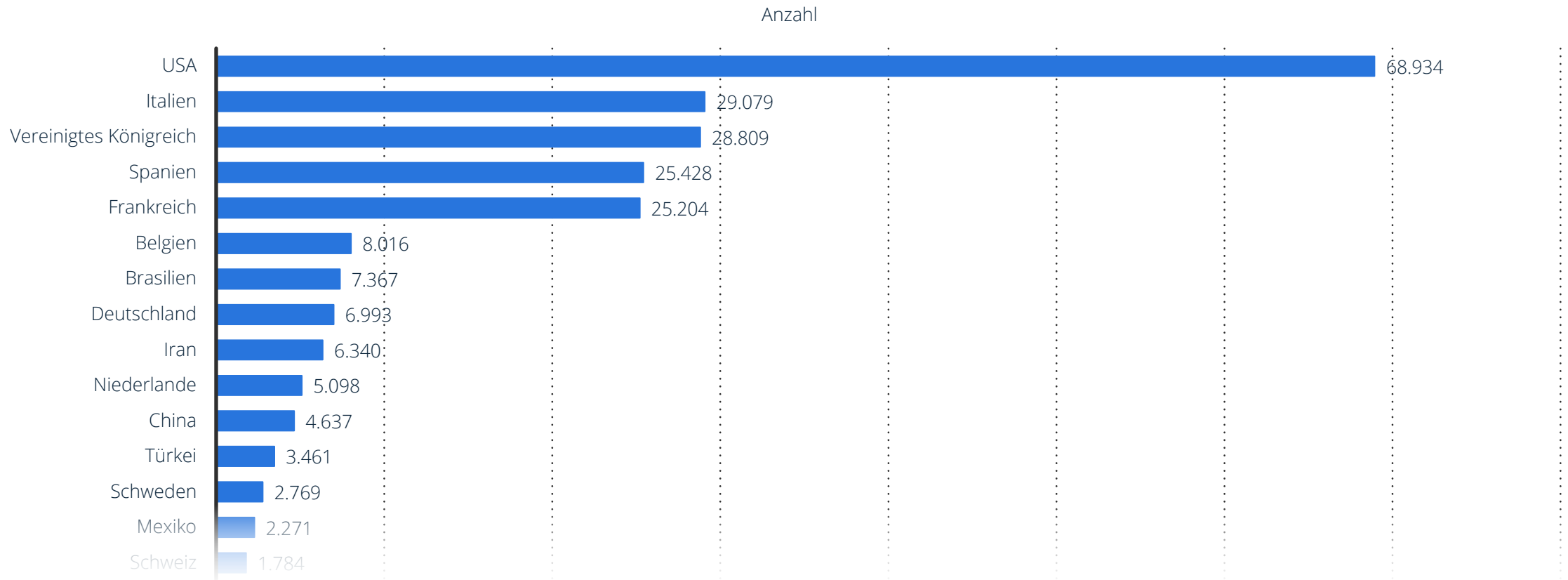
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# Number of cases of coronavirus (COVID-19) by country 2020

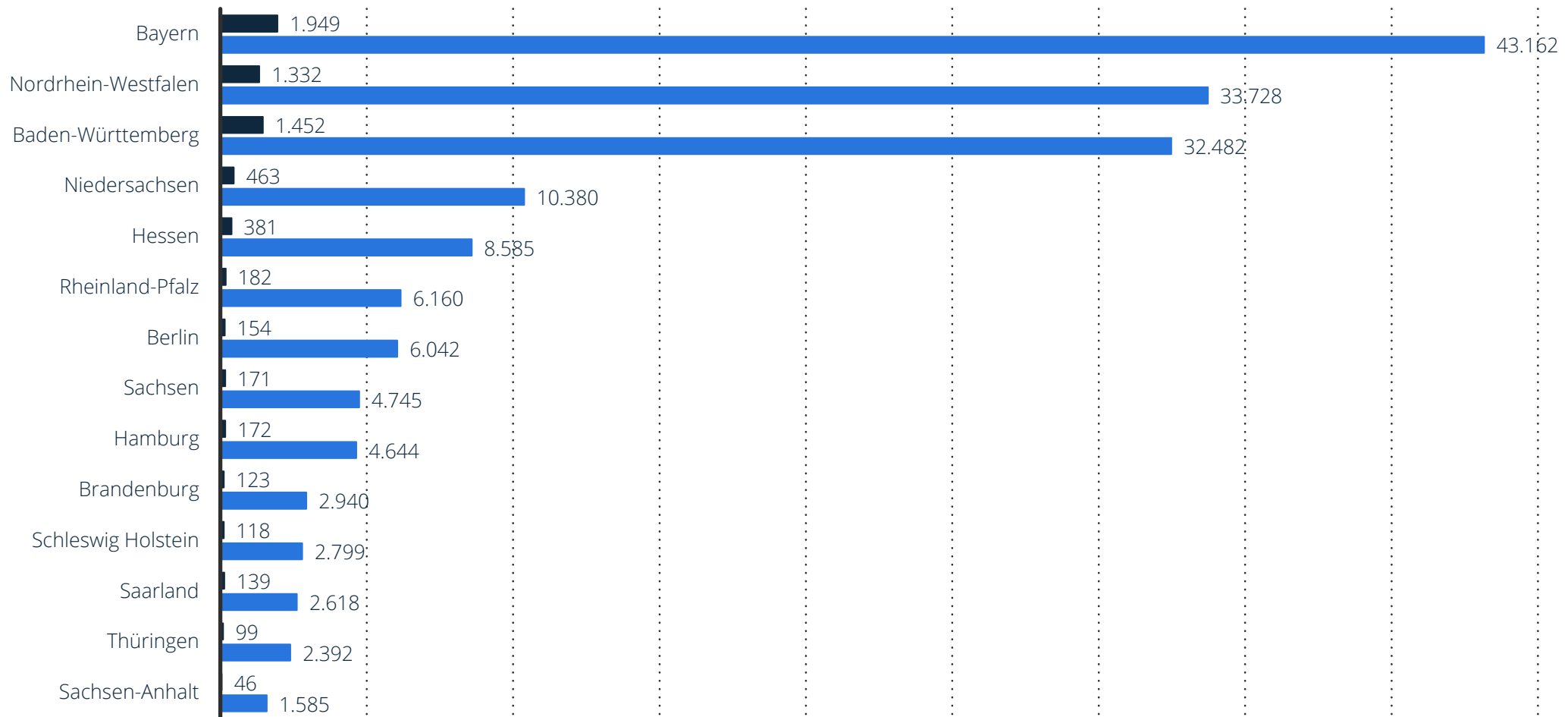


# Coronavirus (COVID-19) deaths by country 2020





## Diseases and deaths in connection with the coronavirus (COVID-19) in Germany by state

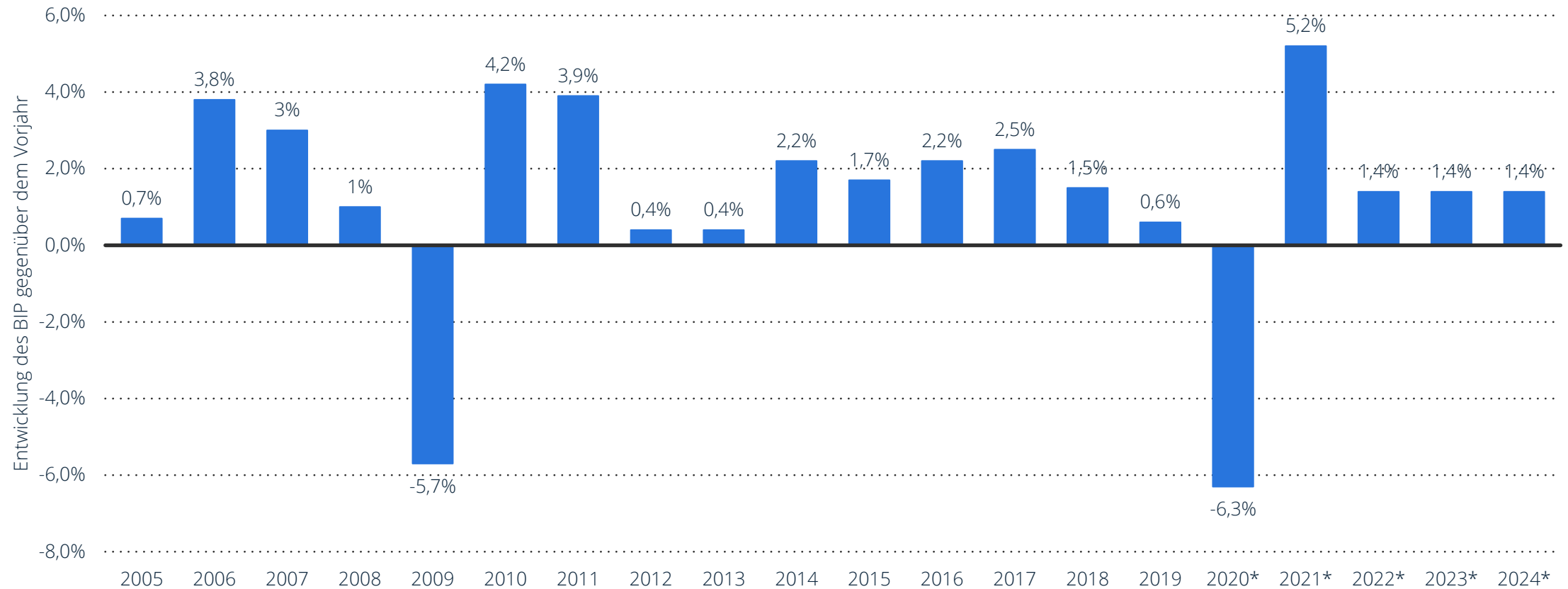




# EFFECTS OF THE CORONAVIRUS (COVID-19) ON THE GERMAN ECONOMY

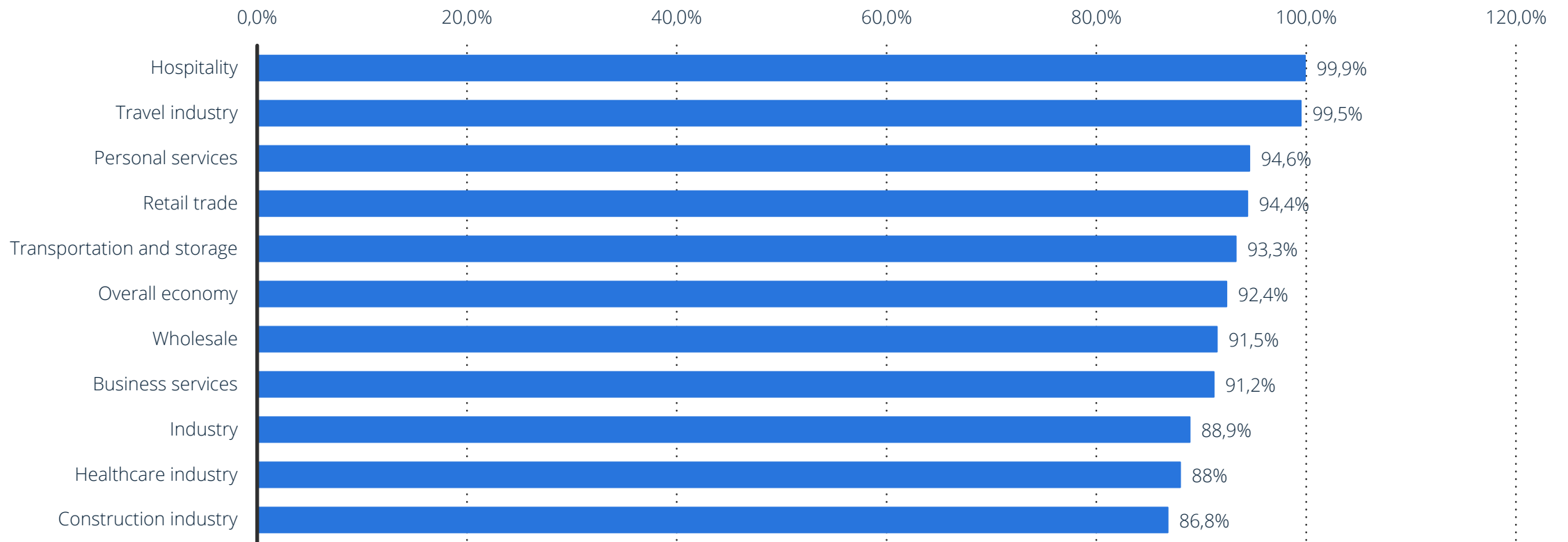
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# Federal government forecast on GDP development until 2024

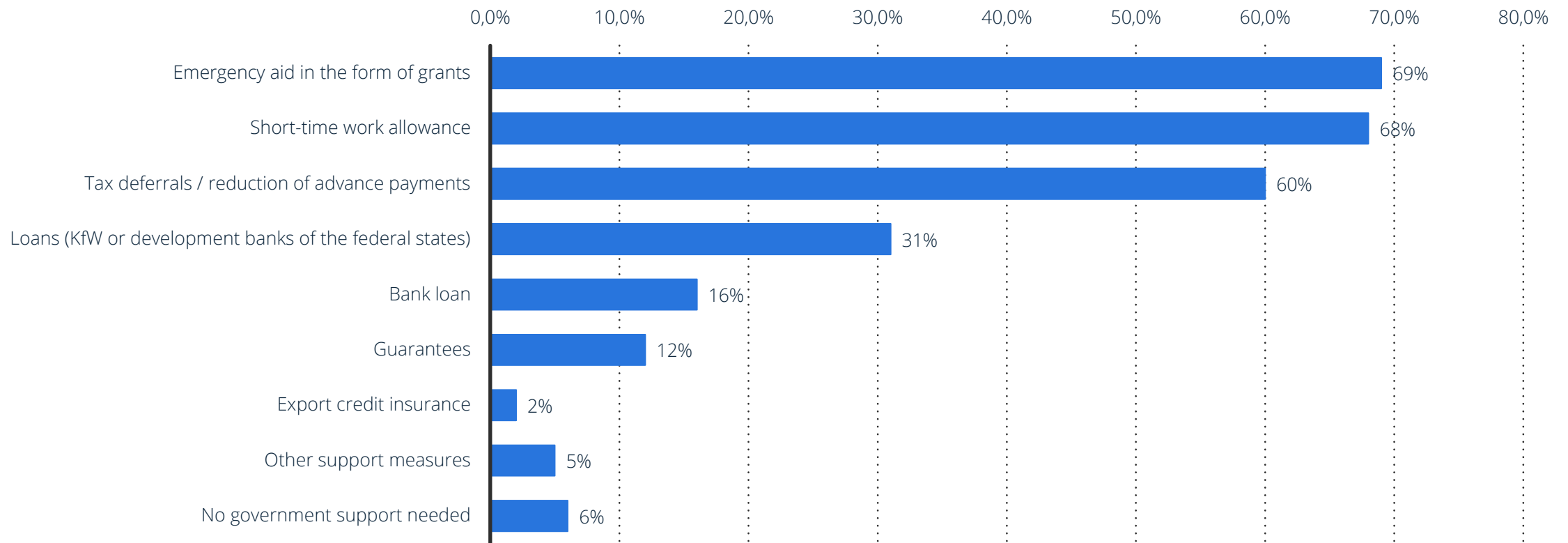




# Effects of the corona virus on business in German companies by industry 2020



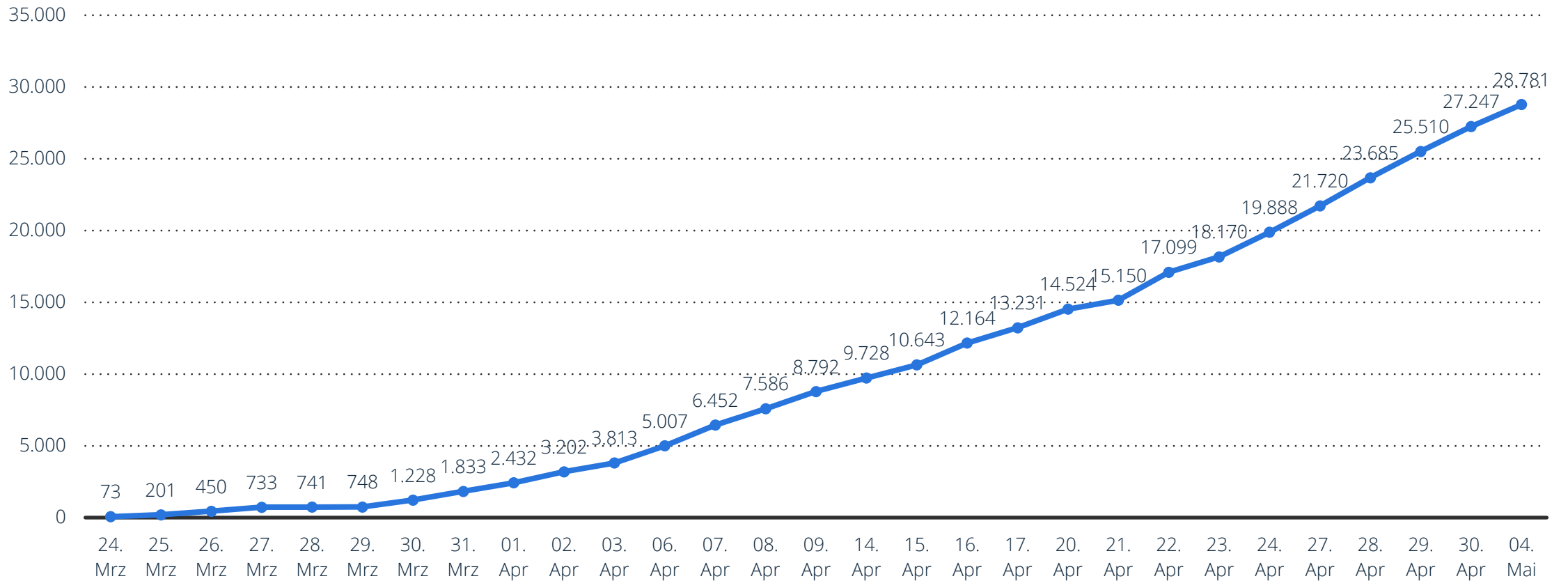
# Survey among companies on government measures required due to Coronavirus 2020



Germany; March 24th, 2020 to March 26th, 2020; around 15,000 companies surveyed\*; Multiple answers were possible.

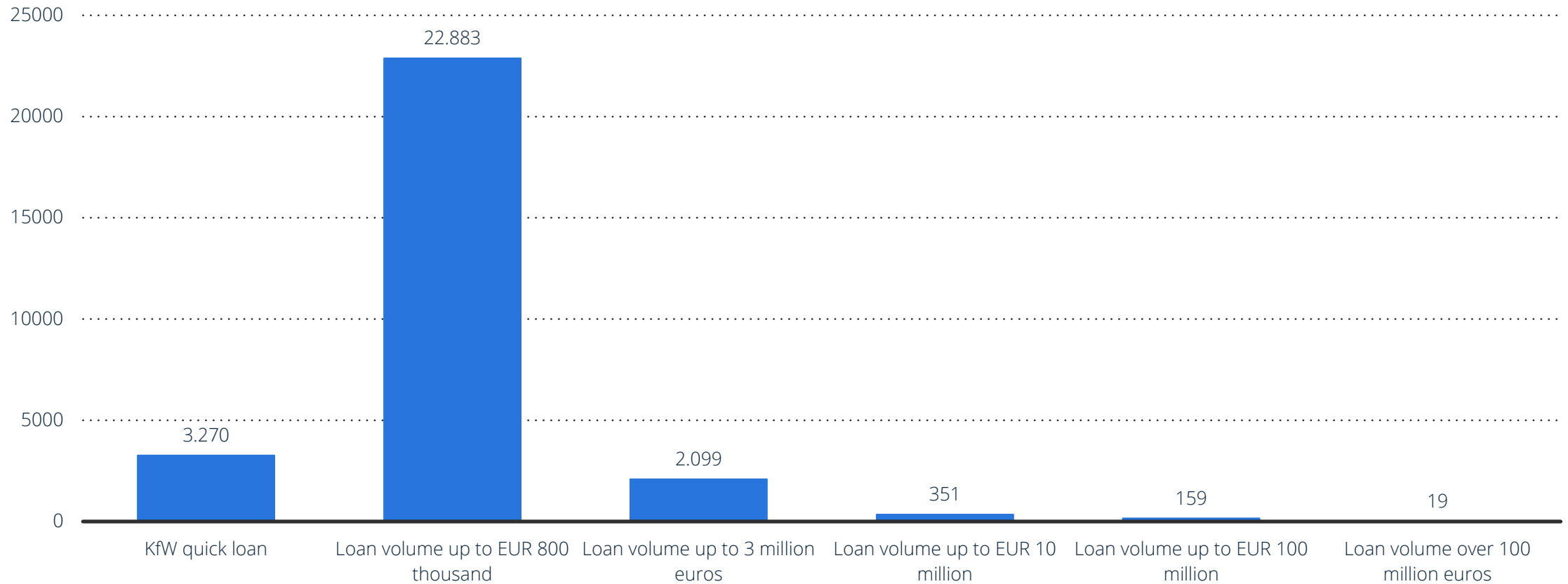
Quelle(n): DIHK

# KfW corona loans - number of applications over 2020

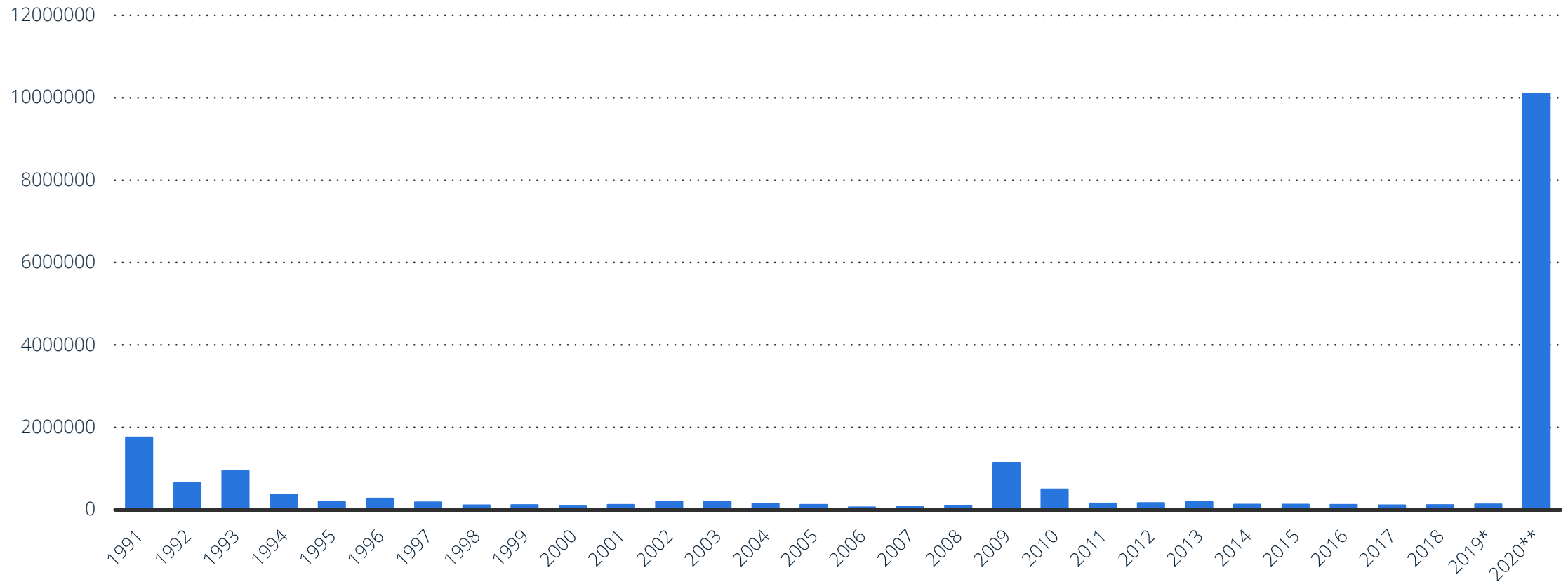




# KfW corona loans - number of applications in 2020



## Short-time workers on average until 2019 and advertisements for 2020 due to Corona



# OUTLOOK

- Supply Shock (No Goods to offer - Companies depend on global supply chains)
- Demand Shock ( People can not buy products – Short Time workers have no resources)
- Pandemic on top of that
- Future Proofed Branches:
  - Pharma
  - Online Platform
  - IT Services
  - Artificial Intelligence
  - Green Tech
  - Medical Tech
  - Big Brands



THANKS SO MUCH – SEE YOU

“Social Distancing is invented for social media corporations. Virtual instead of real friends. Human relationships that only take place virtually. A world in which we all sit in our cells and communicate with the others using technology....”

B-H Lévy, French Philosopher



# SEE YOU IN LÜBECK

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