



الدراسات العليا والبحث العلمى حول العالم (المانيا)

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Agenda

- **Introduction**
- **Students in Germany**
- **Eight-Steps to Germany**
- **Universities and Degree Programmes**
- **Research in Germany**
- **German Language**
- **Cost of Education and Living**
- **Food and Halal Food**
- **Transportation**

Introduction

Area: 357,600 km²

Population: 84 million

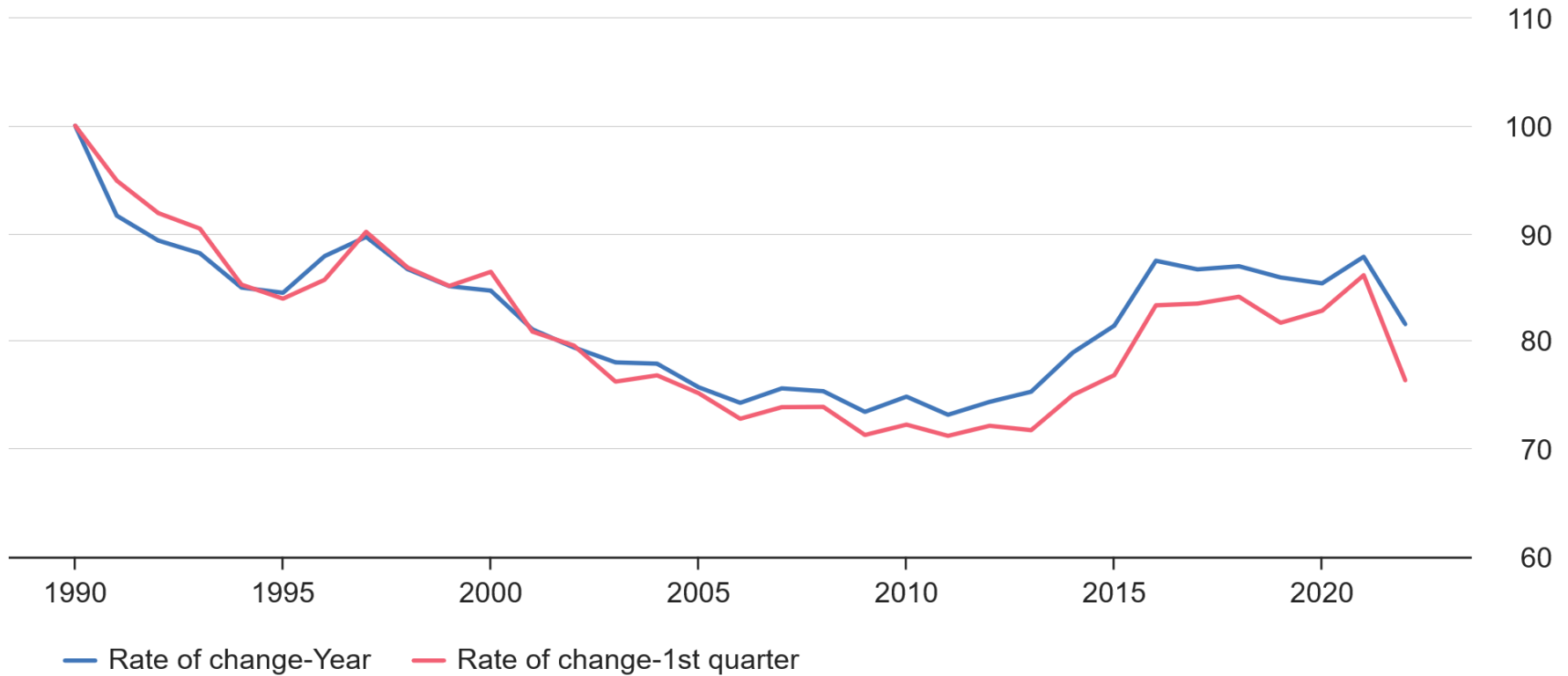




Introduction

Development of births in the 1st quarter compared with births in the calendar year

Rate of change, 1990=100%



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Deutscher Akademischer Austauschdienst
German Academic Exchange Service



DAAD in Egypt

DAAD Regional Office Cairo

The Cairo office offers consultation on scholarships and funding possibilities and also holds various cultural activities and events, such as lectures and conferences.

<https://www.daad.eg/en/>



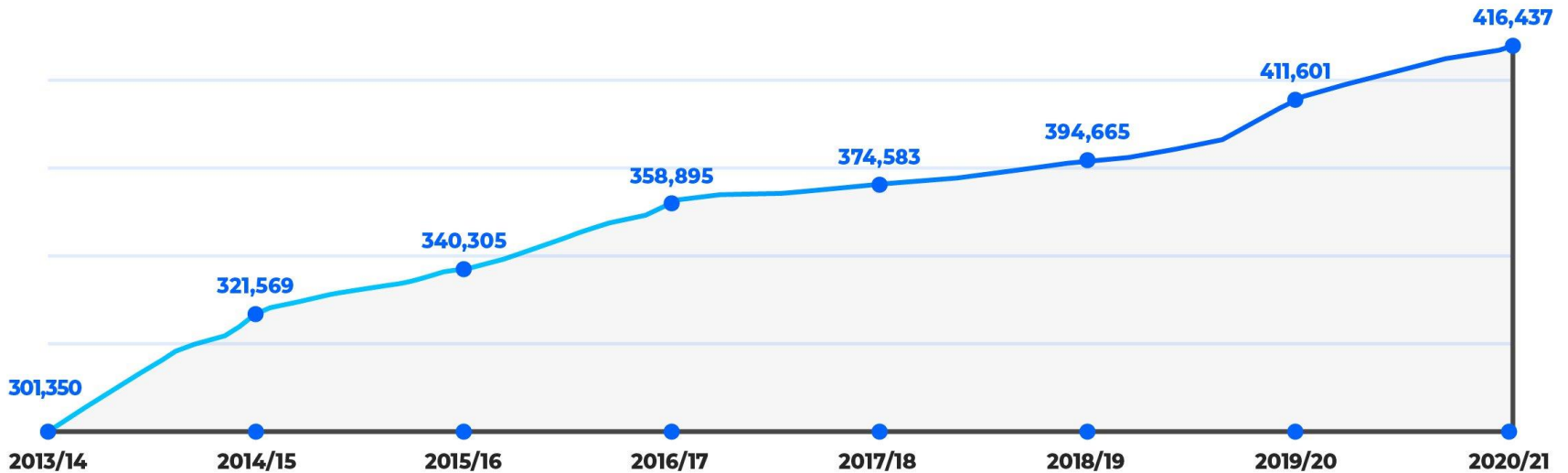
STUDENTS IN GERMANY

In the 2021/22 winter semester there were 2.95 million students in Germany, including...

- 1.72 million at universities,
- 1.1 million at universities of applied sciences,
- 38,366 at colleges of art,
- 26,858 at colleges of education,
- 2,546 at colleges of theology,
- 58,898 at colleges of public administration,
- **a total of 416,437 (2020/21) international students.**



Historical Number of International Students in Germany



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World's first education search platform backed by AI 

Source: <https://erudera.com/statistics/germany/germany-international-student-statistics/>

WHAT IS IT LIKE TO STUDY IN A GERMAN UNIVERSITY



01 LESS FINANCIAL STRESS



02 QUALITY EDUCATION



03 GREAT RESEARCH FACILITIES



04 GOOD LIVING CONDITIONS



05 EASY TRAVEL & TRANSPORT



06 MANY TRAVEL DESTINATIONS NEARBY





Eight Steps to Germany

Step 1: The Right University

Universities: mainly teach theoretical knowledge and emphasise research (focus on science) including technical universities (**Technische Universität, TU**).

Universities of applied sciences: have a practice-oriented academic approach. They focus more on professional application than on theory.

Colleges of art and music: train young artists such as musicians, architects, fine artists and designers.

Universities of cooperative education: combines academic studies with or practical phases in a company.



Step 1: The Right University





HIGHER EDUCATION INSTITUTIONS IN GERMANY

108 universities,
210 universities of applied sciences,
52 colleges of art and music,
30 colleges of public administration,
16 theological universities and
6 colleges of education.



Step 2: The Right Degree Programme

Bachelor and Master

For international, usually English-language Bachelor's and Master's degree programmes

<https://www2.daad.de/deutschland/studienangebote/international-programmes/en/>

State examination

Some degree programmes lead to a state examination. This means that the final examination is organised and given by a government board. If you want to work as a **medical doctor, lawyer, teacher or pharmacist** in Germany, you will need a state examination.

Doctorate



Master's Degree or German *Diplom*; in some cases also Bachelor's Degree (fast track)



Earning a doctorate through individual research (traditional model)

Earning a doctorate in a structured program (newer model)

Structure

Individual professor – student relationship; professor supervises thesis

Structured research in teams; supervision by a group of professors and peer feedback

Program

No explicit curriculum, work independently at your own pace

Systematic study program: courses, colloquia, guest lectures

Admission procedure

Often informal; subjective assessment by one professor

Structured, formal admission process



- Graduate Schools
- International Max Planck Research Schools
- Research Training Groups



Doctoral Degree

Doctorate

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PhD at a University: The "typical" PhD student in Germany works – usually – as a **research associate** at his or her university.

PhD at a non-university research institute: such as the Fraunhofer-Gesellschaft and Max Planck, these institutions do not have the right to award doctorates themselves, but collaborate with universities for that purpose.

PhD in industry: doctoral researchers usually work on their projects with their university professor and a supervisor from the company.



Research in Germany

- Germany offers an excellent research infrastructure with advanced databases, libraries, laboratories, large-scale research instruments, and research vessels.
- Germany is one of the world's leaders in research and innovation.
- The fourth strongest economy in the world.
- The talent and power of more than half a million researchers enable record patent registrations of over 180 new world patents per day.



Research in Germany

Around 107 billion euros were invested in research and development in Germany in 2020.

- Public sector funding (30%),
- Industry funding (66%),
- Funding by foundations,
- EU funding

The Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) is the central self-governing research funding organisation in Germany.



Research in Germany

Processor: intel core i7

Hard: 1 Tera

Ram: 64 GB

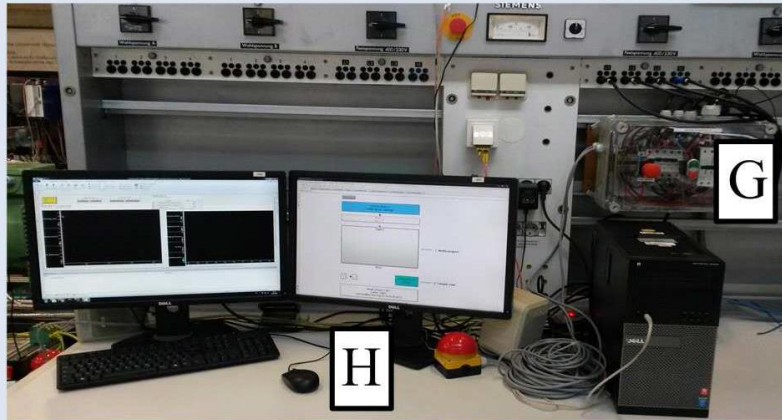
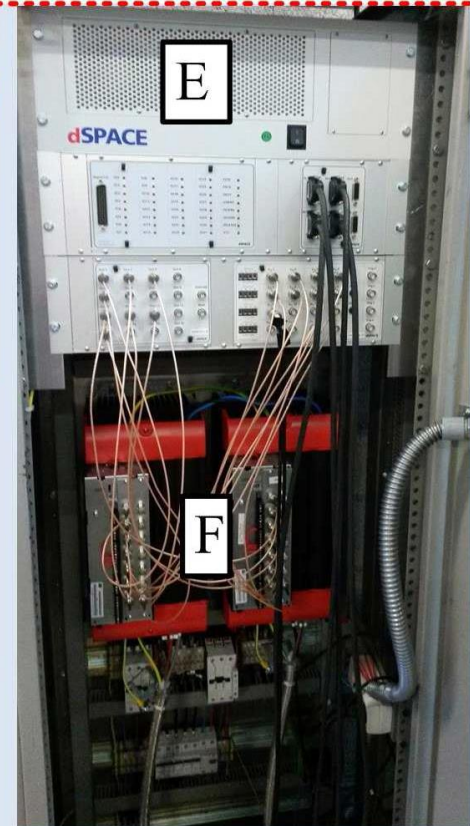
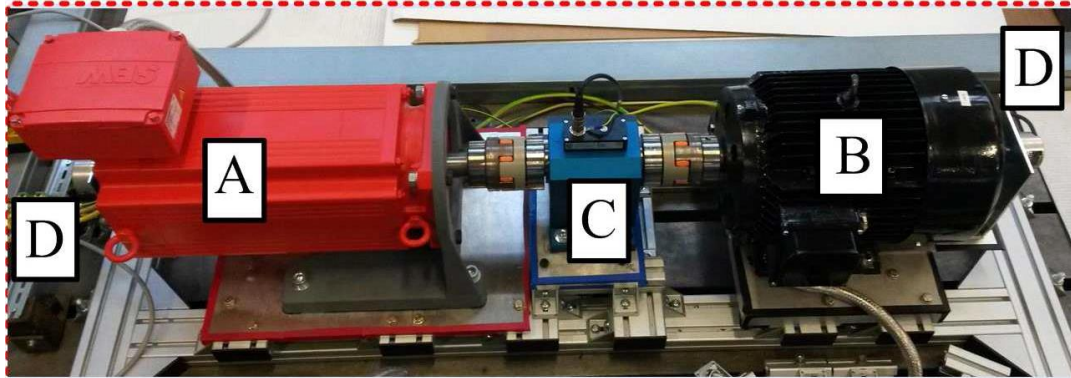


IEEE database

Book ordering service.



Research in Germany



A: PMSG

B: RSM

C: Torque sensor

D: Encoder

E: dSPACE DS1007

F: Power converters

G: Safety-box and ON/OFF

H: Host computer



Step 3: The requirements

- Higher education entrance qualification for Bachelor degree.
- Bachelor certificate for Master degree.
- Master or diploma certificate for doctorate degree.

DATABASE ON ADMISSION REQUIREMENTS

<https://www.daad.de/en/study-and-research-in-germany/plan-your-studies/admission-database/>

Recognition of degrees from foreign universities

The determination of equivalency with a German degree is made by the Dean's Office of the responsible institution awarding the doctorate.



Step 4: Learning German

- Learning German is very important not only for studying but also for communication with the others in the daily live.
- Bachelor programmes are in German, i.e. C1 language level is required.
- Some Master programmes are in English for international students.
- Most of the PhD programmes are in English.



Step 5: Costs of education and living

Proof of financial resources

- In order to receive a study visa for Germany you will be required to present proof of financial resources (934 EUR per month / 11,208 EUR per year).

Scholarship, mission, or blocked account

Tuition fees

- The majority of higher education institutions in Germany are financed by the state.
- All the Bachelor programmes and most of the Master/PhD programmes are for free.



Step 5: Costs of education and living

Semester contribution

- The semester contribution varies between higher education institutions and comes to between 100 and 350 EUR.
- It covers your contributions to student services.
- It includes the semester ticket for public transportation.
- The students can pay reduced tickets in Cinema, Theater, Museums, Zoo, etc.
- Students can eat in the University restaurant for lower price of the food.



Step 5: Costs of education and living

Financing options

- International students allowed to work 120 days/year.
- Apply for Scholarship.
- Fund by the student government.
- Fund by parents.
- PhD students can work full-time or part-time besides the doctorate studies.
- Student loans.



Step 5: Costs of education and living

Scholarships and Mission

The screenshot shows a web browser window with the URL <https://www.daad.de/en/>. The page features a search form for finding scholarships. The form includes a title 'Finding Scholarships' in a speech bubble, a 'Keyword' text input field, a 'Status' dropdown menu with the placeholder 'Your status', and a 'Subject area' dropdown menu with the placeholder 'Subject'. There are two radio buttons for 'I am from' with a dropdown menu showing 'Egypt' selected. A blue button labeled 'FINDING SCHOLARSHIPS' is positioned at the bottom of the form.



Scholarships and Mission

German Egyptian Research Long-Term Scholarship to the Federal Republic of Germany “GERLS”

- ✓ Full Ph.D. Scholarship (up to 42 months)
- ✓ Channel Scholarship (up to 24 months)
- ✓ Specialization scholarship (up to 24 months)

The GERLS scholarship includes:

- ✓ A monthly of 1000 Euros for a Ph.D. candidate,
- ✓ A monthly family allowance, if applicable.
- ✓ An allowance for health insurance.
- ✓ German language course and cultural preparation course.



Scholarships and Mission

German Egyptian Research Short Term Scholarship to the Federal Republic of Germany “GERSS”

- ✓ Short visit between 3 and 6 months for Master students, PhD students, and post-doctoral.

The GERSS scholarship includes:

- ✓ Master and PhD students receive 1064 Euro/month.
- ✓ Post-doctoral receives 2111 Euro/month.
- ✓ An allowance for health insurance.



Scholarships and Mission

Alexander von Humboldt (AvH) Research Fellowship

- The AvH Research Fellowship for postdoctoral researchers enables you to conduct research in Germany. The monthly fellowship amount is €2,670. Fellowships may last from 6 to 24 months.
- Experienced researchers: The fellowship amount is €3,170. Fellowships may last from 6 to 18 months and can be divided into up to three stays within three years.
- <https://www.humboldt-foundation.de/en/apply/sponsorship-programmes/humboldt-research-fellowship>

Step 5: Costs of education and living

Das Kindergeld



Kindergeld wird einkommensunabhängig an alle Familien gezahlt.

bis

18 Jahre
alle Kinder

21 Jahre
arbeitslose Kinder

25 Jahre
Kinder in Ausbildung

- In 2014 was 186 Euro/child
- In 2023 is 250 Euro/child



Step 6: Applying

- An officially certified copy of your higher education entrance qualification
- Certified copies of your previous higher education certificates, if applicable
- A passport photograph
- A photocopy of your passport (name and photograph)
- Certified copies of language certificates



Step 7: Visa

- Valid passport
- Application form
- Personal photos (4*6)
- Proof of sufficient funds
- Proof of health insurance
- Language certificates



Step 8: Renting a room

- The rent is usually the largest item in their monthly budget.
- Accommodation in large cities such as Munich, Hamburg or Frankfurt am Main and in traditional university towns such as Freiburg or Tübingen is expensive.
- Living in eastern Germany is much cheaper than in the West

Student district Olympic Village



Student district Olympic Village

Rent: 300 to 650 Euro



One room apartment Or Studio in Munich

Rent: 1050 Euro, 30 m²



Flat-shares (Wohngemeinschaft (kurz WG))



Rent: 400 to 650 Euro

Food



Halal Food



Halal Food



German Kitchen



Roast Beef Stew



Schnitzel



Pretzel



Sausage

International kitchens in Germany



Public Transportation in Germany



Intercity Express (ICE)
Speed up to 350 km/hour



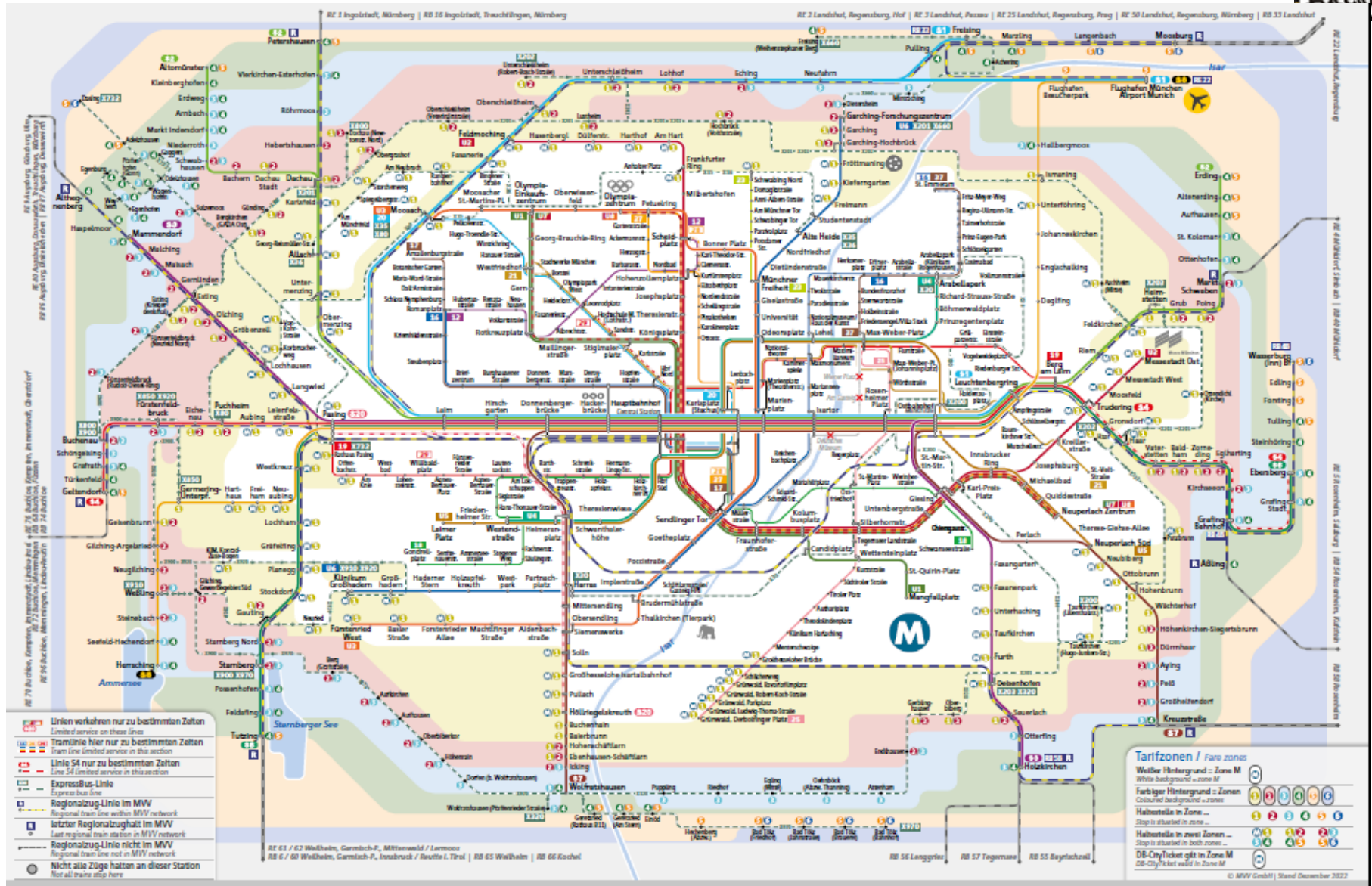
Public Transportation in Germany



Regional-Express Trains
Speed up to 160 km/hour



Public Transportation in Germany



Public Transportation in Germany



Metro (U-bahn)



Tram



Bus

Research in Germany



Land of Ideas

Question



Thank you for your attention

