

Session 2: Learning from recovering large-sized European Cities – Benefitting from core functions?

The case of Dortmund, Germany



Prof. Dr. Rainer Danielzyk

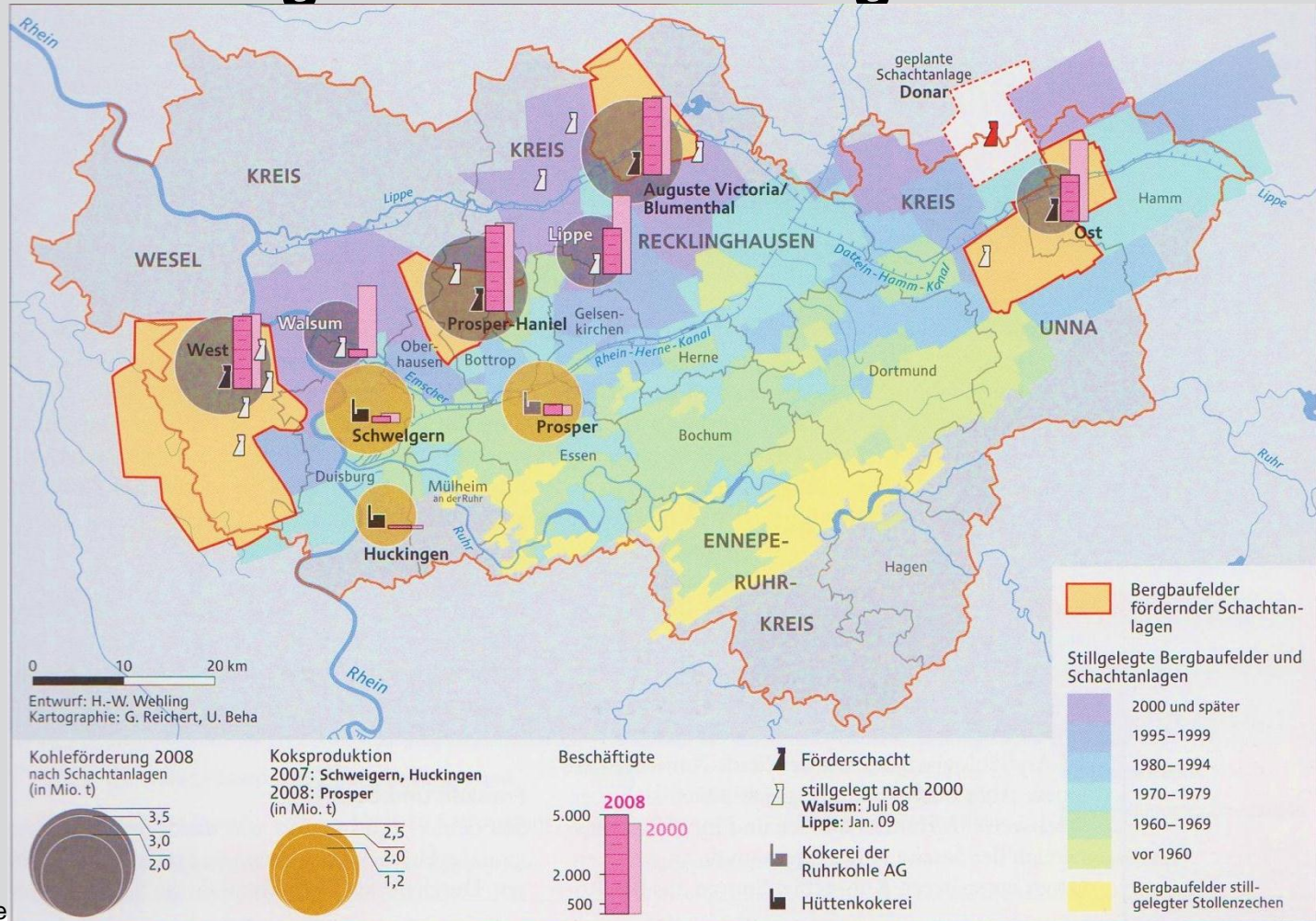
Urban History

- Dortmund is the biggest industrial city in the Ruhr Area ~ 578,000 inhabitants 2011
- 1970s: Economic downturn and massive structural change due to the **decline of the coal and steel industry** as well the **brewing industry** (Last coal mine closed 1987; last steel production in 2001).
- “Heartland” of the Social Democratic Party (SPD)
- 1970s: population loss, ongoing, almost without interruption until 2000s. Due to out-migration to more dynamic regions and suburbanization



Structural change in the Ruhr-Region

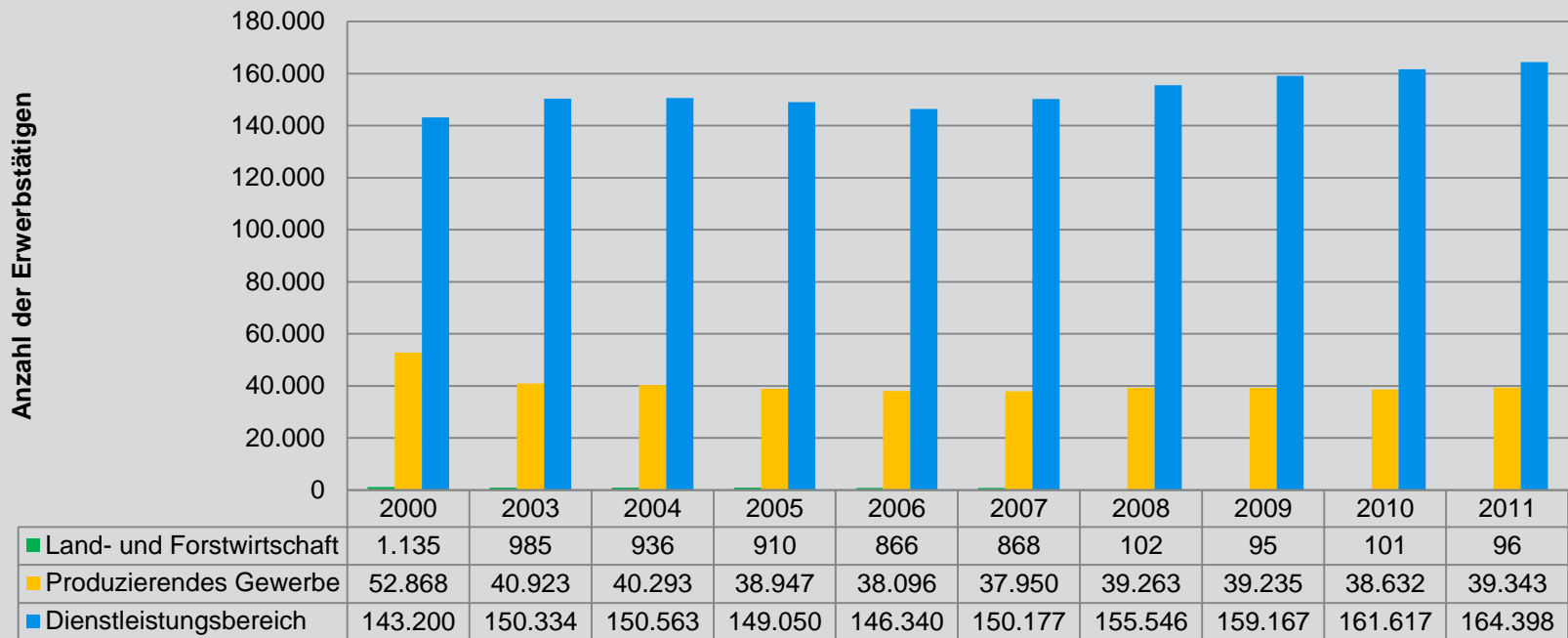
Mines and coke oven plants 2008



Source: Atlas der Metropole Ruhr

Labour Market Trends

Number of people in paid work/economic sector



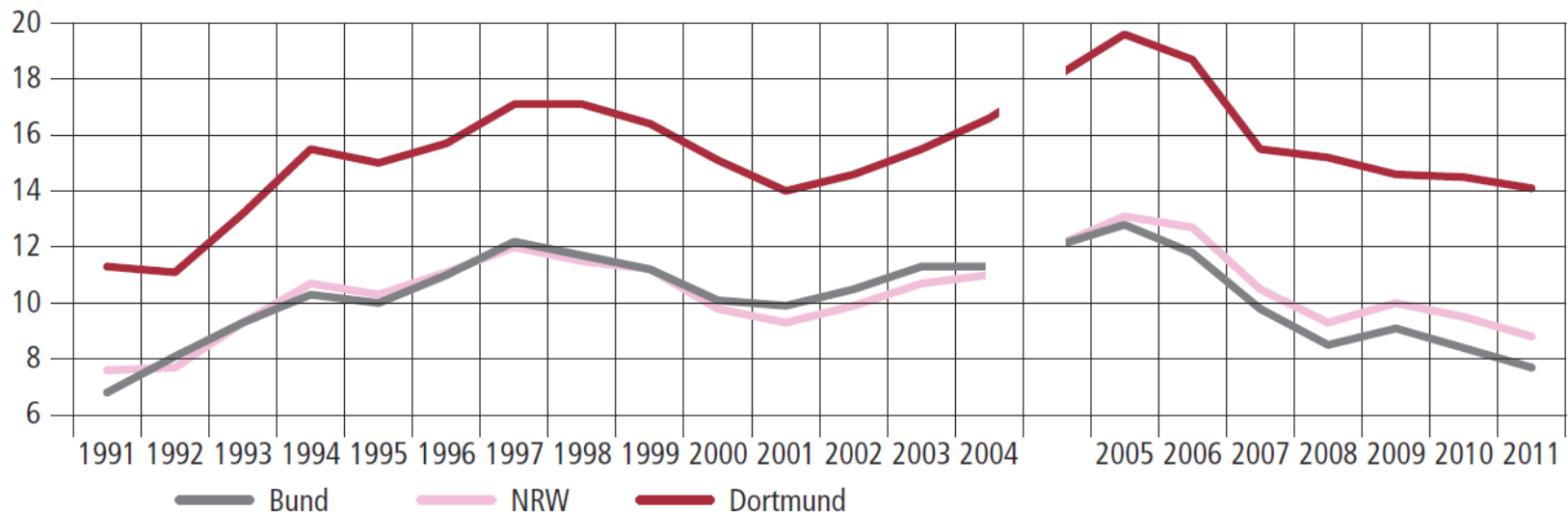
http://www.dortmund.de/media/downloads/pdf/statistik/wirtschaft_1/erwerbstaetige_nach_wirtschaftsbereich.pdf

Labour Market Trends

Unemployment Dortmund since 1991

Entwicklung der Arbeitslosigkeit seit 1991*

Abb. 38



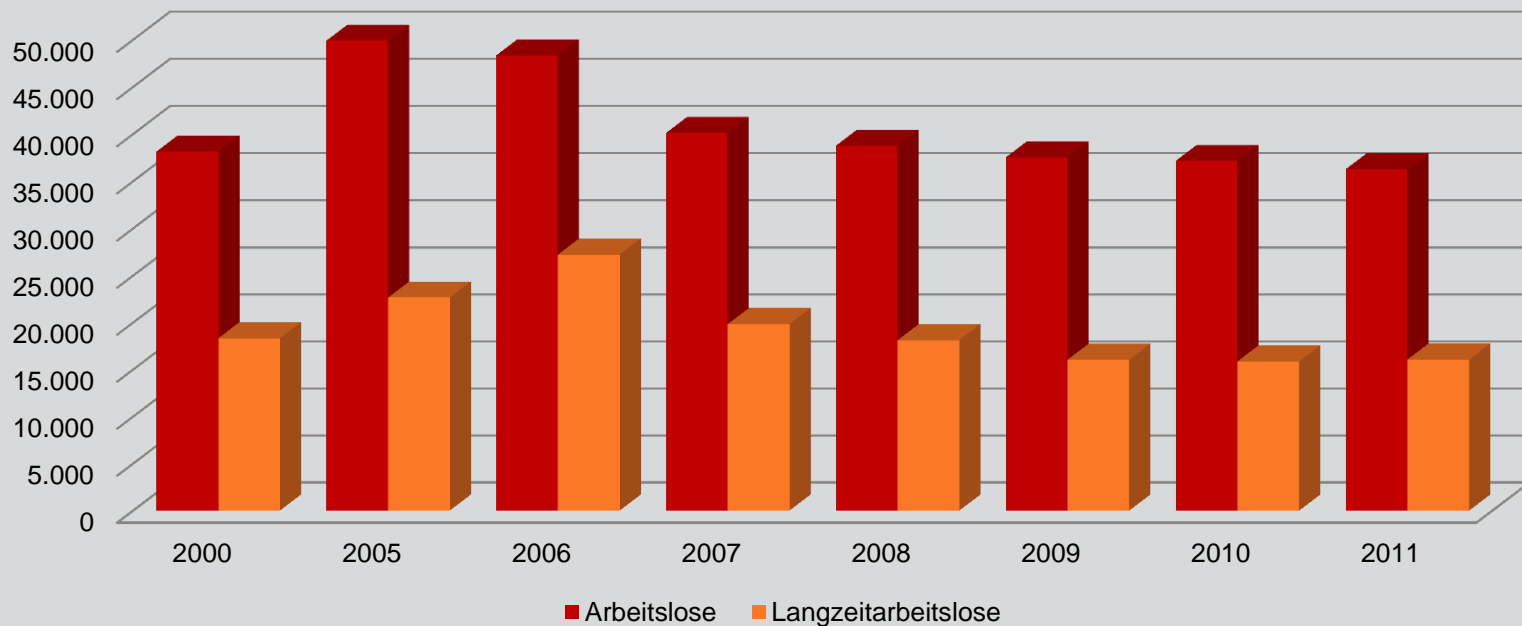
* Arbeitslosenquoten (Basis: abhängige Erwerbsbevölkerung) jeweils. 30.06.

In Folge der Arbeitsmarktreform („Hartz IV“) sind die Werte ab 2005 mit denen der Vorjahre nicht unmittelbar zu vergleichen.

http://www.dortmund.de/media/downloads/pdf/statistik/veroeffentlichungen/jahresberichte/wirtschaft/196_2011_wirtschaft.pdf

Labour Market Trends

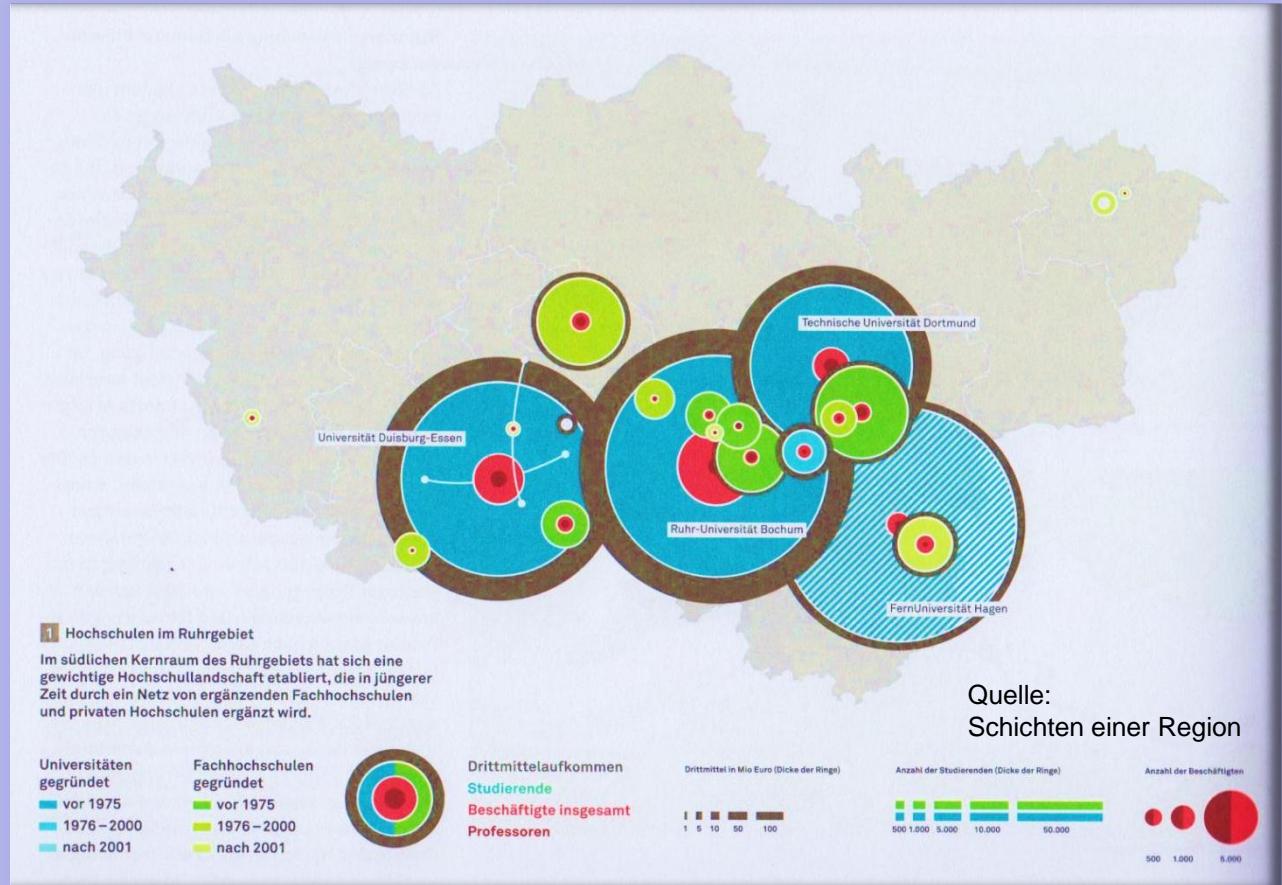
Long-term unemployed in Dortmund



http://www.dortmund.de/media/downloads/pdf/statistik/veroeffentlichungen/jahresberichte/wirtschaft/196_2011_wirtschaft.pdf

Structural change in the Ruhr-Region

Universities

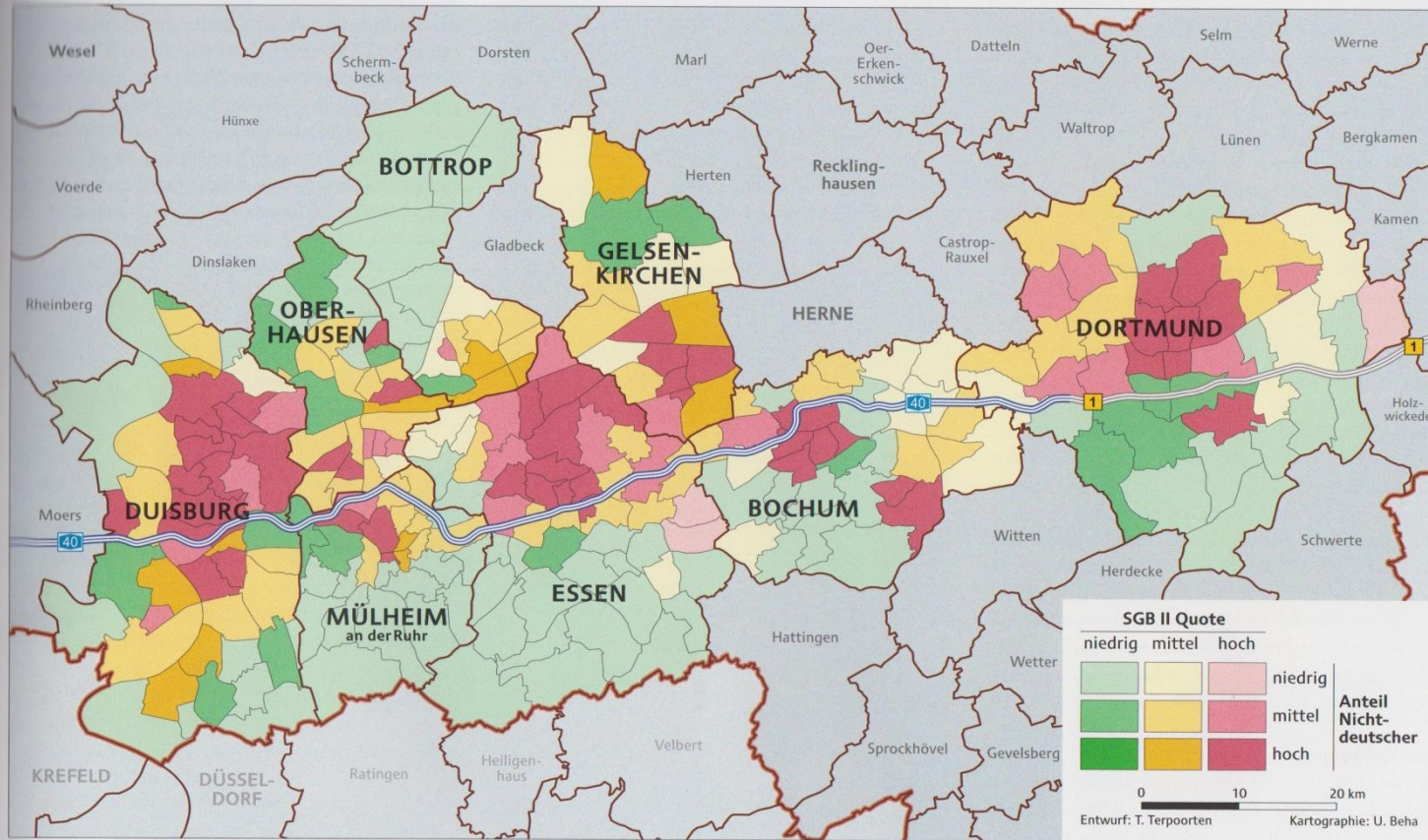


Dortmund: Students

Number of Students in Dortmund



Structural change in the Ruhr-Region



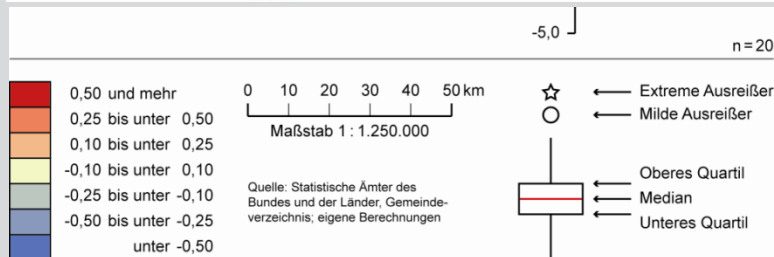
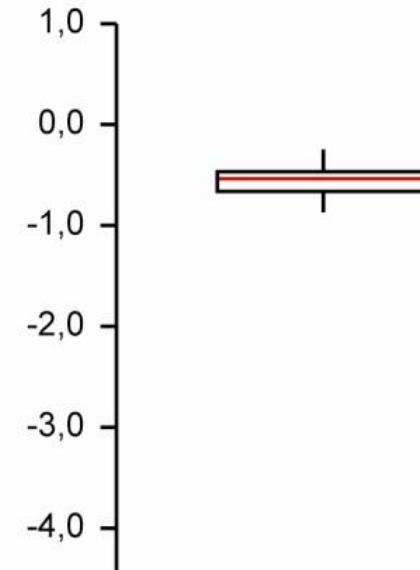
Stadtteile ausgewählter Städte des Ruhrgebiets typisiert nach der SGB II-Quote und dem Ausländeranteil

Source: Atlas der Metropole Ruhr

Dortmund: Demographic Development

31.12.2004 bis 31.12.2009

Veränderungen in Prozent und pro Jahr

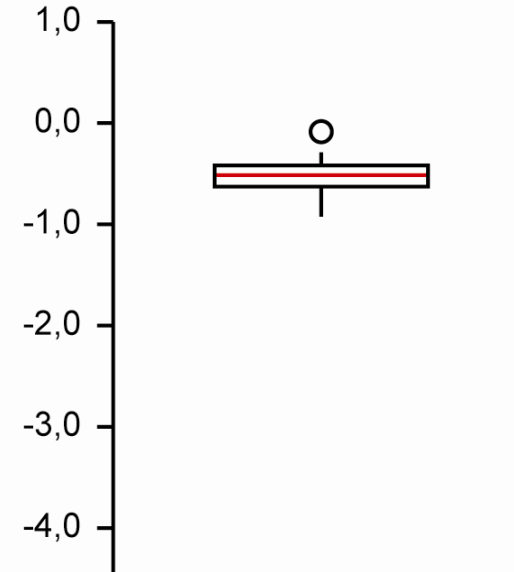


Dortmund: Demographic Development

Forecast 2025

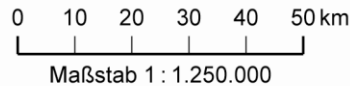
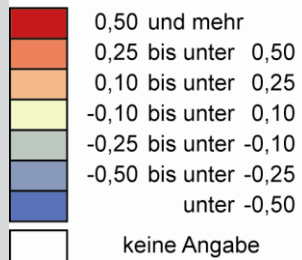


Region
Östliches Ruhrgebiet

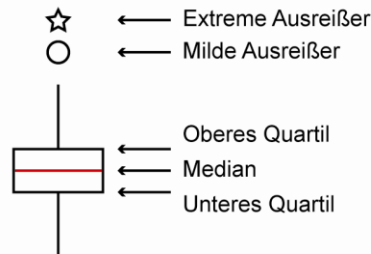


* 01.01.2008 bis 01.01.2025

n = 20



Quellen: Information und Technik
Nordrhein-Westfalen, Statistisches
Landesamt des Freistaates Sachsen,
Statistisches Landesamt Sachsen-
Anhalt; eigene Berechnungen



Turning point(s) and focus areas

Economic development

- **“dortmund-project”** – combines business development and urban development, Public-Private-Partnership: ThyssenKrupp AG, McKinsey, City of Dortmund – compensation for the closure of factories
- Objectives: to create jobs in a modern business location with a high quality of life
- How: direct investments and supporting measures, focus on future industries like: Communication and Information Technology, Logistic, Micro-, Nano- and Biotechnology

Turning point(s) and focus areas

Economic Development:

TechnologieZentrum/Park Dortmund

- top location of the information technology (IT), Microsystems Technology (MST) and biomedical industry in North Rhine-Westphalia – in close proximity to the University
- more than 220 high-tech companies with around 8,500 employees
- successful approach of technology transfer from academia to new, technology-oriented companies



Turning point(s) and focus areas

Overall strategic planning with new masterplans (retail, night life, urban green etc.)

Strategic planning (housing)

3 phases since the beginning of the 1990s:

- Promotion of privately financed housing
- Mid-1990s: Construction of individual housing
- Beginning of the 2000s: land-use policy (Masterplan Housing 2004) → Promotion of High quality housing – to prevent further outmigration

Turning point(s) and focus areas

Phoenix Lake/Phoenix West Strengthening the location



Former steel production site (200 hectare brownfield land)

- Urban development concept worked out by the department of urban planning in Dortmund
 - Phoenix Lake(east): Center for high-quality housing, services and leisure activities, offices
 - Phoenix West: Location for future industries: Micro- and Nanotechnology, IT etc.

Turning point(s) and focus areas



Dortmund U

- Former brewery (Dortmunder Union, closed 1994), near main station
- Now: Museum, centre for culture, arts, creative industries. A branch of the Dortmund University of applied Sciences is located within the building (photography, architecture etc.)
- Project of European Capital of Culture RUHR.2010
- Links with “Rheinische Straße” – a cluster for creative class (early-early stage)

Turning point(s) and focus areas

Soccer

- Renaissance of Borussia Dortmund (BVB)
- largest soccer stadium in Germany
- National Soccer Museum (2014)
- part of urban culture/identity



Outlook

Dortmund and Metropole Ruhr/EMR Rheine-Ruhr

functionally networked urban landscape of inter-urban polycentricity

One example of spatial structure, which is not "European City"

- Design a "different" urbanity
- Autonomous actors in a polycentric functional system
- Adequate political / planning organization?
- Spatial planning or co-design of territorial development?

Outlook



- Schiere Feldermeere
- Freizeiträume
- Kultur- und Polderband
- Urbane Räume
- Stadt- und Vorstadtketten
- Kerne
- Adern
- Wandel- und Qualifizierungsräume