

Factsheet

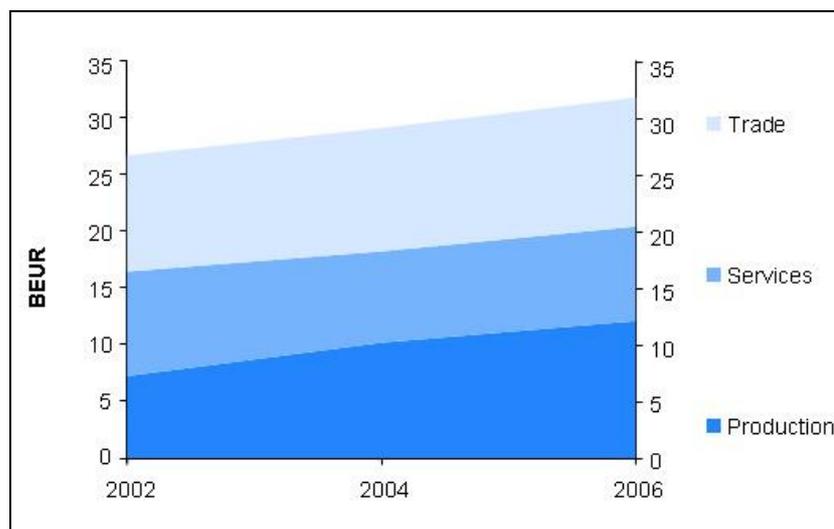
# ICT in Hessen

## Industry

The ICT sector in Hessen with its 9,915 enterprises generated a turnover of 32.2 BEUR in 2006. The number of enterprises increased by 6.3% compared to 2004, turnover increased by 9.3%.

	Turnover (in BEUR)	Share (in %)	Employees	Share (in %)
<b>ICT Trade</b>	11.48	35.6	17,338	19.2
<b>ICT Services</b>	8.42	26.1	44,501	49.4
<b>ICT Production</b>	12.34	38.3	28,338	31.4
<b>Hessen total</b>	32.24	100.0	90,177	100.0

	South-Hessen (RB Darmstadt)	Mid-Hessen (RB Gießen)	North-Hessen (RB Kassel)	Hessen total
<b>Enterprises</b>	7,717	1,258	940	9,915
<b>Employees</b>	72,874	10,106	7,197	90,177
<b>Turnover (BEUR)</b>	29.23	2.00	1.00	32.23
<b>Turnover share of total economy</b>	8.9%	5.6%	1.8%	7.7%



Total turnover development of the ICT sector in Hessen

The ICT sector is thus the strongest sector in Hessen (90,000 employees), e. g. compared to the machinery (64,000 employees), chemistry (64,000 employees) or automotive sector (50,000 employees).

Hessen is the home base of

- 8 of the Top25 standard software enterprises in Germany
- 8 of the Top25 IT service enterprises in Germany
- 2 of the Top3 providers of business intelligence standard software in Germany
- 3 of the Top5 IT consulting and system integration enterprises in Germany
- 2 of the Top5 business innovation/transformation partners in Germany
- most of the Top25 standard software enterprises with international origin in Germany

(Source: Lünendonk, 2007)

## Research

Hessen has roughly 30 universities, half of them offer ICT-related study courses and/or carry out ICT-oriented research.

**Universities** in Hessen (ranked by number of ICT professors)

1. Technische Universität Darmstadt
2. University of Applied Sciences Darmstadt
3. University of Applied Sciences Gießen-Friedberg
4. University of Applied Sciences Wiesbaden
5. Goethe-University Frankfurt
6. University of Applied Sciences Frankfurt
7. University of Applied Sciences Fulda

In total, there are over 350 full professors active in the field of ICT, over 150 of them in Darmstadt and over 50 in Frankfurt. More than half of all professors are strongly networked internationally.

Hessen is home to six **nobel laureates** as well as to key inventors like Johann Philipp Reis (telephone), Karl Ferdinand Braun (electron tube), Konrad Zuse (computer). There is a long list of award-winning researchers in Hessen, among them

- Leibniz-laureates Prof. Claus-Peter Schnorr (Frankfurt) and Prof. Johannes Buchmann (Darmstadt) or the
- winners of the Konrad-Zuse-medal (highest prize of German Society of Informatics) Prof. José Encarnação and Prof. Robert Piloty (both Darmstadt).

**TU Darmstadt** is among the top-scoring German universities in respect to third-party funding, publications and dissertations (CHE-Ranking, 2007, Domain: Electrical Engineering and Information Technology). Recently, it was awarded with cluster of excellence in "Smart Interfaces" and a graduate school in "Computational Engineering".

### Fraunhofer Institutes in Hessen

Fraunhofer Institute for Computer Graphics (IGD), Darmstadt  
Fraunhofer Institute for Secure Information Technology (SIT), Darmstadt  
Fraunhofer Institute for Structural Durability and System Reliability (LBF), Darmstadt

## Infrastructure

- World largest internet exchange DE-CIX in Frankfurt
- European second largest Data Center Market in Frankfurt
- International Network Management Center of DTAG in Frankfurt
- German hub to pan-European Research Network Géant2 in Frankfurt
- Frankfurt/RhineMain is the traffic hub no. 1 in Europe:  
cargo airport no. 1, passenger airport no. 3  
railway station no. 1, highway intersection no.1



### Further information:

Hessen-IT  
c/o HA Hessen Agentur GmbH  
Abraham-Lincoln-Str. 38-42, D-65189 Wiesbaden  
Tel: +49-611-774-8481, Fax: +49-611-774-8620  
info@hessen-it.de  
www.hessen-it.eu