

December 2020

German Electric Industry – Facts & Figures

General data

Turnover of €190.1 billion 2019 (preliminary)

- 11% of total German industrial output, about 3% of gross domestic product (GDP)
- One-third of sales with new products

At present 875,000 domestic employees

- 2nd largest branch of industry in Germany, 60% MINT employees, 4% apprentices
- 93,000 R&D employees

Additional 790,000 employees abroad (2018)

Added Value

- €86 billion
- Added value over production ratio of 45%, highest figure among all big industry branches in Germany
- 38% of added value in electric industry in EU

Broad-based product portfolio

- 80% industrial goods (e.g. automation, energy technology, medical engineering)
- 12% intermediate goods (semiconductors)
- 8% consumer goods (household appliances, consumer electronics, lighting)

Investment, 2019: €7.5 billion (+6.1%)

Research & Development: €19.6 billion (+5.0%)

Innovation expenditures: €30.0 billion (+3.2%)

- 4 out of 5 firms regularly come up with product or process innovations
- About 12 thousand patent applications per year
- Driving force for each third industrial innovation in Germany
- 17% of all “hidden champions” in Germany

Foreign trade / foreign direct investment

Exports (including re-exports), 2019 (preliminary)

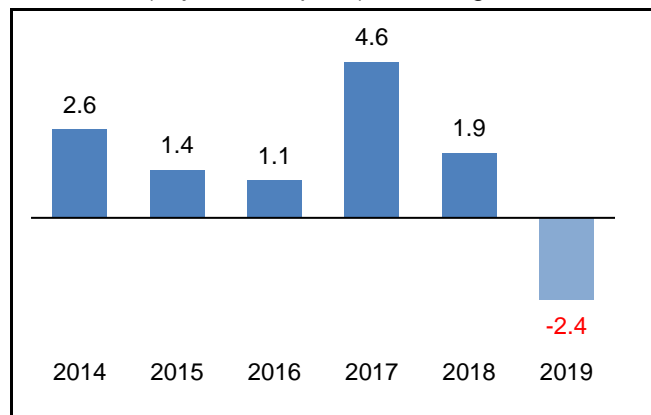
- **total: €214.8 billion (+1.9%)**
- **to industrialized countries: €138.6bn (+1.0%)**
 - USA: €19.2 billion (+8.2%)
 - United Kingdom: €9.8 billion (-10.9%)
- **to emerging markets: €76.2 billion (+3.6%)**
 - China: €21.9 billion (+4.3%)
 - BRICS: €31.4 billion (+3.8%)
- **to Europe: €136,8 billion (+0.9%)**
 - Euro zone: €68.3 billion (+1.6%)
 - France: €13.6 billion (+0.2%)
 - Italy: €10.2 billion (+2.3%)

Imports 2019: €194.0 billion (+1.0%)

Stock of foreign direct investment (FDI), 2018: €53.5 billion

- 18% of total German industry's FDI stock

Production (adjusted for price), % change



Current business cycle

	2019	Jan - Oct 2020
	yoy	Yoy
Production (real)	-2.4%	-8.1%
Turnover/sales	-1.8%	-6.4%
Exports	+1.9%	-7.2%
Imports	+1.0%	-4.7%
New orders	-2.9%	-6.9%
	Q3 2020	Q4 2020
Capacity utilization	75.4%	80.8%
Reach of unfilled orders (months)	3.3	3.4

Turnover, billion €

