

Internal corporate R&D expenditure by origin of funds, economic sector, company size and technology category in 2015

Internal R&D: research and development that is conducted inside the company, either for the company's own purposes or commissioned by a third party.

	Total	Internal R&D expenditure			
		of which funded by			
		private sector	public sector	other domestic entities	foreign entities
	in €'000	in percent			
All researching companies (without joint research)	60,657.135	90.1	3.1	0.1	6.7
Manufacturing	51,912.569	90.8	2.0	0.1	7.1
Chemical industry	3,786.071	90.1	1.4	0.0	8.4
Pharmaceutical industry	3,956.079	76.4	0.5	0.0	23.1
Plastics, glass and ceramics	1,398.754	92.6	2.7	0.3	4.4
Metal production and processing	1,354.999	80.5	9.3	0.2	9.9
Electrical engineering/electronics	9,790.457	91.1	2.7	0.0	6.2
Mechanical engineering	5,459.450	95.1	2.1	0.1	2.7
Vehical construction	23,473.463	92.4	1.3	0.2	6.0
Other manufacturing industries	2,693.298	93.0	4.3	0.1	2.6
Remaining sectors	8,744.565	86.1	9.5	0.1	4.2
fewer than 100 employees	2,539.754	75.4	17.4	0.2	6.9
100-499 employees	5,247.883	84.6	7.9	0.2	7.2
500-999 employees	3,660.396	87.6	6.2	0.1	6.1
1,000 employees and more	49,209.102	91.6	1.6	0.1	6.6
Technology categories in industry					
Cutting-edge technology (> 9 percent of costs/turnover spent on R&D)	13,463.726	84.9	3.4	0.0	11.7
High-value technology (3-9 percent of costs/turnover spent on R&D)	32,511.084	93.3	1.1	0.2	5.5

Source: SV Wissenschaftsstatistik in Schasse et al. (2018).

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