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Intramural R&D expenditures of the business enterprise sector and the share of self-financed intramural R&D expenditures, by economic activities

Millions of euros							
Economic activity ¹		Intramural R&D expenditures					
		2021		2022		2023	
		Total	Of which: financed by the business enterprise sector ²	Total	Of which: financed by the business enterprise sector ²	Total	Of which: financed by the business enterprise sector ²
A	01-03 Agriculture, forestry, fishing	228	214	243	-	279	179
B	05-09 Mining and quarrying	21	19	21	-	22	20
C	10-33 Manufacturing	62,638	56,296	67,320	-	71,842	63,995
	10-12 Manufacture of food products; manufacture of tobacco products	336	328	347	-	411	325
	13-15 Manufacture of textiles and wearing apparel; manufacture of leather and related products	131	115	133	-	172	151
	16-18 Manufacture of wood and products of wood and cork (except furniture); manufacture of paper and paper products; publishing, printing and reproduction of recorded media	231	185	228	-	209	157
	19 Manufacture of coke and refined petroleum products	143	z	148	-	48	z
	20 Manufacture of chemicals and chemical products	4,599	4,313	4,716	-	4,886	4,499
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	5,527	4,480	6,089	-	6,493	5,285
	22 Manufacture of rubber and plastic products	1,338	1,204	1,394	-	1,238	1,070
	23 Manufacture of other non-metallic mineral products	346	310	351	-	390	334
	24 Manufacture of basic metals	502	406	426	-	382	318
	25 Manufacture of fabricated metal products, except machinery and equipment	1,043	887	1,059	-	1,120	988
	26 Manufacture of computer, electronic and optical products	9,034	7,584	9,628	-	9,914	8,115
	27 Manufacture of electrical equipment	2,885	2,630	3,160	-	4,324	4,059
	28 Manufacture of machinery and equipment n.e.c.	7,175	6,768	7,498	-	7,611	6,997
	29 Manufacture of motor vehicles, trailers and semi-trailers	26,011	24,017	28,746	-	30,346	27,805
	30 Manufacture of other transport equipment	1,774	1,504	1,723	-	2,186	1,943
	31-33 Manufacture of furniture; other manufacturing; repair and installation of machinery and equipment	1,564	z	1,675	-	2,113	z
D; E	35; 36-39 Electricity, gas, steam and air conditioning supply; water supply; sewerage, waste management and remediation activities	198	163	174	-	210	135
F	41-43 Construction	119	90	123	-	113	85
J	58-63 Information and communication	5,465	4,872	6,196	-	7,637	6,403
K	64-66 Financial and insurance activities	350	z	354	-	558	475
M	69-75 Professional, scientific and technical activities	6,002	4,437	6,509	-	8,546	6,141
G-I, L, N-U	Remaining categories	739	z	869	-	1,199	789
Total		75,761	67,023	81,809	-	90,408	78,221

z = value not stated for reasons of confidentiality, but included in the total.

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- 1 Classification of economic activities, 2008 edition (based on NACE 2008 - Nomenclature statistique des activités économiques dans la Communauté européenne).
- 2 Due to different survey concepts, deviations from the data in Table 1.1.1 are possible. This information is not available in even years.

Last update: July 2, 2025

This table also appears in the Federal Report on Research and Innovation as Table 11.

Source: Special evaluation of the Stifterverband Wissenschaftsstatistik

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