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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 <sup>1</sup>		Intramural R&D expenditures						
		2020		2021		2022		
		Total	Of which: financed by the business enterprise sector <sup>2</sup>	Total	Of which: financed by the business enterprise sector <sup>2</sup>	Total	Of which: financed by the business enterprise sector <sup>2</sup>	
<b>A</b>	<b>01-03</b>	<b>Agriculture, forestry, fishing</b>	209	-	228	214	243	-
<b>B</b>	<b>05-09</b>	<b>Mining and quarrying</b>	19	-	21	19	21	-
<b>C</b>	<b>10-33</b>	<b>Manufacturing</b>	59,314	-	62,638	56,296	67,320	-
	10-12	Manufacture of food products; manufacture of tobacco products	333	-	336	328	347	-
	13-15	Manufacture of textiles and wearing apparel; manufacture of leather and related products	109	-	131	115	133	-
	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	227	-	231	185	228	-
	19	Manufacture of coke and refined petroleum products	145	-	143	z	148	-
	20	Manufacture of chemicals and chemical products	4,266	-	4,599	4,313	4,716	-
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	5,248	-	5,527	4,480	6,089	-
	22	Manufacture of rubber and plastic products	1,278	-	1,338	1,204	1,394	-
	23	Manufacture of other non-metallic mineral products	369	-	346	310	351	-
	24	Manufacture of basic metals	504	-	502	406	426	-
	25	Manufacture of fabricated metal products, except machinery and equipment	1,010	-	1,043	887	1,059	-
	26	Manufacture of computer, electronic and optical products	8,657	-	9,034	7,584	9,628	-
	27	Manufacture of electrical equipment	2,712	-	2,885	2,630	3,160	-
	28	Manufacture of machinery and equipment n.e.c.	6,934	-	7,175	6,768	7,498	-
	29	Manufacture of motor vehicles, trailers and semi-trailers	24,417	-	26,011	24,017	28,746	-
	30	Manufacture of other transport equipment	1,789	-	1,774	1,504	1,723	-
	31-33	Manufacture of furniture; other manufacturing; repair and installation of machinery and equipment	1,315	-	1,564	z	1,675	-
<b>D; E</b>	<b>35; 36-39</b>	<b>Electricity, gas, steam and air conditioning supply; water supply; sewerage, waste management and remediation activities</b>	199	-	198	163	174	-
<b>F</b>	<b>41-43</b>	<b>Construction</b>	109	-	119	90	123	-
<b>J</b>	<b>58-63</b>	<b>Information and communication</b>	4,519	-	5,465	4,872	6,196	-
<b>K</b>	<b>64-66</b>	<b>Financial and insurance activities</b>	352	-	350	z	354	-
<b>M</b>	<b>69-75</b>	<b>Professional, scientific and technical activities</b>	5,489	-	6,002	4,437	6,509	-
<b>G-I, L, N-U</b>		<b>Remaining categories</b>	820	-	739	z	869	-
<b>Total</b>			<b>71,032</b>	<b>-</b>	<b>75,761</b>	<b>67,023</b>	<b>81,809</b>	<b>-</b>

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.

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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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<https://www.govdata.de/dl-de/by-2-0>