

■ Table 1.3.6 1 / 2

Innovation-active enterprises overall and with R&D activities, by selected European countries¹

Year	Country	Innovation-active enterprises						
		Total		Of which: with R&D activities				R&D performed by external parties ²
				With in-house R&D, of which:				
				Total	Continuous R&D	Occasional R&D		
		Number	Share in % ³					
2018	Germany	100,250	67.8	28.2	17.6	10.6	11.7	
	Belgium	9,835	67.8	31.1	21.6	9.7	15.5	
	Denmark	5,301	57.1	13.2	9.5	6.6	7.7	
	Finland	5,399	61.9	41.3	24.1	17.2	27.0	
	France	35,716	51.5	30.1	20.3	15.2	14.9	
	Ireland	2,007	45.5	25.0	17.7	7.4	9.8	
	Italy	74,856	63.2	28.0	14.7	13.3	13.6	
	Netherlands ⁴	13,523	49.7	32.8	19.5	13.3	17.6	
	Austria	11,333	62.6	23.3	13.2	10.1	12.0	
	Portugal	7,843	37.8	12.0	7.2	4.8	6.0	
	Sweden	11,600	63.1	10.1	8.8	1.4	10.5	
	Spain	21,986	31.1	11.0	8.1	2.8	3.7	
	EU27 ⁶	366,758	50.3	20.8	12.5	8.9	10.0	
2020	Germany	110,668	68.8	29.2	17.8	11.4	9.9	
	Belgium	10,679	71.3	37.9	22.8	15.1	11.2	
	Denmark	5,584	57.7	16.3	12.9	7.6	8.0	
	Finland	6,153	68.6	45.9	23.3	22.6	31.4	
	France	30,460	54.8	29.5	19.2	15.2	11.3	
	Ireland	2,381	57.6	30.8	21.2	9.7	11.1	
	Italy	65,383	55.7	31.7	17.3	13.8	13.6	
	Netherlands	15,728	55.8	36.1	21.1	15.1	17.6	
	Austria	10,980	60.0	23.7	13.3	10.4	11.7	
	Portugal	11,218	51.1	14.1	7.7	6.4	5.1	
	Sweden ⁵	12,270	65.2	10.3	8.9	1.5	7.3	
	Spain	23,480	33.4	11.8	8.8	3.1	4.0	
	EU27 ⁶	385,852	52.7	22.7	13.4	9.8	9.1	
2022	Germany	107,360	63.4	26.8	18.4	8.4	11.7	
	Belgium	10,056	70.3	38.5	22.7	16.2	13.8	
	Denmark	5,837	56.7	9.8	7.5	5.2	5.8	
	Finland	6,053	61.5	41.7	22.0	19.7	27.0	
	France	32,830	57.4	30.5	18.3	17.1	11.4	
	Ireland	2,177	51.4	27.4	20.0	7.3	8.8	
	Italy ⁷	68,547	63.1	27.8	14.6	13.5	12.1	
	Netherlands	16,304	56.3	37.0	24.1	12.9	17.0	
	Austria	10,560	56.7	23.0	13.5	9.6	10.5	
	Portugal	10,466	47.4	15.5	8.2	7.3	5.8	
	Sweden ^{5 7}	9,167	57.6	23.6	14.7	8.9	z	
	Spain	23,894	35.1	12.8	9.2	3.7	4.0	
	EU27 ⁶	373,722	51.4	22.1	13.5	9.2	z	

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

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- 1 The Community Innovation Survey (CIS) is a European data collection that provides, among other things, information on the innovation activities of enterprises. Innovation-active enterprises are enterprises that have undertaken innovation activities during the preceding three-year period, irrespective of whether these activities resulted in the market introduction of new or improved products or the implementation of new or improved processes. Enterprises with innovation expenditure are enterprises that allocated financial resources to innovation activities in the current year.
- 2 Outsourcing of R&D activities.
- 3 As a percentage of all enterprises covered by the CIS.
- 4 Different definition.
- 5 Data on enterprises performing R&D occasionally are of low reliability.
- 6 EU membership status as of February 2020 (excluding the United Kingdom).
- 7 Break in the time series, resulting in limited comparability with previous years.

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Source: EUROSTAT, Community Innovation Survey (CIS) database, 2018–2022 (inn_cis_inrd; inn_cis_bas); German Centre for Higher Education Research and Science Studies, calculations

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