## ■ Table 1.8.25 1/2

## Share of companies continuously conducting R&D, by sector groups and employment size classes<sup>12</sup>

omic activity/Employment size class Mining and quarrying Manufacturing Manufacture of food products, heverages and	<b>2019</b> 9.6	<b>2020</b> 6.3	2021	2022	2023
Manufacturing		63	170		
		0.5	17.9	8.5	17.6
Manufacture of food products beverages and	18.9	19.3	20.0	20.5	21.2
Manufacture of food products, beverages and tobacco products	4.2	4.0	4.7	6.9	7.5
Manufacture of textiles, wearing apparel and of leather and related products	18.6	18.4	23.6	28.1	26.5
Manufacture of wood (except furniture), paper and paper products; printing and reproduction of recorded media	7.6	7.8	9.0	10.1	9.3
Manufacture of coke and refined petroleum					12.8
•					59.1
	05.0	55.1		37.1	
and pharmaceutical preparations	53.1	61.9	52.3	53.8	54.9
Manufacture of rubber and plastic products	24.4	25.7	24.3	24.6	26.1
Manufacture of other non-metallic mineral products	21.2	17.4	18.5	20.2	22.1
Manufacture of basic metals	26.7	29.4	24.8	21.8	18.3
Manufacture of fabricated metal products, except			10.5	8.3	9.6
Manufacture of computer, electronic and optical					56.1
					36.8
					42.6
Manufacture of motor vehicles, trailers and semi-					33.
					57.3
					16.9
Repair and installation of machinery and					17.2
Electricity, gas, steam and air conditioning supply; water supply; sewerage, waste					7.4
					12.5
Water collection, treatment and supply;					4.1
Waste collection, treatment and disposal activities; materials recovery; remediation activities and other waste management services	2.3	3.4	6.1	5.0	6.1
53; Business-related services					
With a local a base day (	7.6	8.7	9.7	10.0	10.7
	3.4	7.2	7.1	6.3	7.8
					2.5
Publishing activities; motion picture, video and television programme production, sound recording and music publishing activities;	15 1	11 4	12 5	16.7	16.1
Telecommunications; computer programming, consultancy and related activities; information	13.1	11.4	13.5	10.7	10.1
service activities	31.1	33.5	39.5	38.9	41.4
Financial and insurance activities	6.9	6.0	7.9	10.7	8.0
Legal and accounting activities; management consultancy activities	3.7	6.5	5.4	6.1	6.1
Architectural and engineering activities; technical testing and analysis; scientific research and development	18.5	18.2	19.2	17.9	21.5
Advertising and market research; other professional, scientific and technical activities	10.5	7.7	11.1	12.8	13.1
Other business services	2.0	2.5	2.9	4.0	2.8
	recorded media Manufacture of coke and refined petroleum products Manufacture of chemicals and chemical products and pharmaceutical preparations Manufacture of rubber and plastic products Manufacture of other non-metallic mineral products Manufacture of basic metals Manufacture of fabricated metal products, except machinery and equipment Manufacture of electrical equipment Manufacture of electrical equipment n.e.c. Manufacture of machinery and equipment n.e.c. Manufacture of motor vehicles, trailers and semi- trailers Manufacture of other transport equipment n.e.c. Manufacture of other transport equipment Manufacture of furniture; other manufacturing Repair and installation of machinery and equipment Electricity, gas, steam and air conditioning supply; water supply; sewerage, waste management and remediation activities Electricity, gas, steam and air conditioning supply Water collection, treatment and supply; sewerage Waste collection, treatment and supply Transportation and storage Publishing activities; motion picture, video and television programme production, sound recording and music publishing activities; programming and broadcasting activities; Telecommunications; computer programming, consultancy and related activities; information service activities Financial and insurance activities Legal and accounting activities; technical testing and analysis; scientific research and development Advertising and market research; other professional, scientific and technical activities	recorded media 7.6 Manufacture of coke and refined petroleum products 26.1 Manufacture of chemicals and chemical products 69.0 Manufacture of basic pharmaceutical products 24.4 Manufacture of other non-metallic mineral products 21.2 Manufacture of basic metals 26.7 Manufacture of basic metals 26.7 Manufacture of fabricated metal products, except machinery and equipment 10.1 Manufacture of fabricated metal products, except machinery and equipment 32.2 Manufacture of electrical equipment n.e.c. Manufacture of machinery and equipment n.e.c. Manufacture of motor vehicles, trailers and semi- trailers 22.3 Manufacture of other transport equipment 40.9 Manufacture of furniture; other manufacturing 14.3 Repair and installation of machinery and equipment 12.3 Electricity, gas, steam and air conditioning supply; water supply; sewerage, waste management and remediation activities 4.2 Electricity, gas, steam and air conditioning supply 8.7 Water collection, treatment and disposal activities; materials recovery; remediation activities and other waste management services 2.3 <b>is</b> <b>Business-related services</b> 7.6 Wholesale trade (except of motor vehicles and motorcycles) 3.4 Transportation and storage 2.8 Publishing activities; motor programme production, sound recording and music publishing activities; 15.1 Telecommunications; computer programming, consultancy and related activities; information service activities 31.1 Financial and insurance activities 3.7 Architectural and engineering activities; technical testing and analysis; scientific research and development 18.5 Advertising and market research; other professional, scientific and technical activities 10.5	recorded media 7.5 7.8 Manufacture of coke and refined petroleum products 26.1 33.3 Manufacture of chemicals and chemical products 69.0 59.1 Manufacture of basic pharmaceutical products 24.4 25.7 Manufacture of basic pharmaceutical products 24.4 25.7 Manufacture of other non-metallic mineral products 21.2 17.4 Manufacture of basic metals 26.7 29.4 Manufacture of basic metals 26.7 29.4 Manufacture of basic metals 26.7 29.4 Manufacture of fabricated metal products, except machinery and equipment 10.1 9.5 Manufacture of computer, electronic and optical products 55.0 56.5 Manufacture of electrical equipment n.e.c. 40.8 44.9 Manufacture of motor vehicles, trailers and semi- trailers 22.3 22.8 Manufacture of furniture; other manufacturing 14.3 12.9 Repair and installation of machinery and equipment 12.3 12.3 Electricity, gas, steam and air conditioning supply; water supply; sewerage, waste management and remediation activities 4.2 5.0 Electricity, gas, steam and air conditioning supply 8.7 10.4 Waste collection, treatment and supply; sewerage 2.8 1.5 <b>Business-related services</b> 7.6 8.7 Wholesale trade (except of motor vehicles and motorcycles) 3.4 7.2 Transportation and storage 2.8 1.5 Publishing activities; motion picture, video and television programme production, sound recording and music publishing activities Financial and insurance activities 31.1 33.5 Financial and insurance activities 31.1 33.5 Financial and insurance activities; thormation service activities; motion picture, video and television programme production, sound recording and music publishing activities; motion picture, video and television programme production, sound recording and music publishing activities; finormation service activities 31.1 33.5 Financial and insurance activities; information service activities 31.1 33.5 Financial and insurance activities; theormation service activities 31.1 33.5 Financial and analysis; scientific research and development 18.5 18.2 Advertising and manket research; other professional	recorded media 7.6 7.8 9.0   Manufacture of coke and refined petroleum products 69.0 59.1 57.9   Manufacture of basic pharmaceutical products 69.0 59.1 57.9   Manufacture of basic pharmaceutical products 24.4 25.7 24.3   Manufacture of basic metals 26.7 29.4 28.5   Manufacture of basic metals 26.7 29.4 24.8   Manufacture of basic metals 26.7 29.4 24.8   Manufacture of computer, electronic and optical products 55.0 56.5 54.1   Manufacture of motion vehicles, trailers and semi-trailers 22.3 22.8 31.1   Manufacture of motion vehicles, trailers and semi-trailers 22.3 22.8 31.1   Manufacture of dum trasport equipment 40.9 47.7 51.8   Manufacture of turn trasport equipment 10.3 12.3 10.6   Electricity, gas, steam and air conditioning supply 8.7 10.4 9.0   Waster supply; severage, waste management and remediation activities 4.2 5.0 6.1	recorded media 7.6 7.8 9.0 10.1   Manufacture of cke and refined petroleum products 26.1 33.3 22.0 19.8   Manufacture of basic pharmaceutical products 69.0 59.1 57.9 57.4   Manufacture of basic pharmaceutical products 69.0 59.1 57.9 57.4   Manufacture of rubrer and plastic products 24.4 25.7 24.3 24.6   Manufacture of basic metals 26.7 29.4 24.8 21.8   Manufacture of fabricated metal products, except machinery and equipment 10.1 9.5 10.5 8.3   Manufacture of computer, electronic and optical products 55.0 56.5 54.1 57.1   Manufacture of motor vehicles, trailers and semi- trailers 22.3 22.8 31.1 32.8   Manufacture of furniture; other manufacturing 14.3 12.9 17.0 16.7   Repair and installation of machinery and equipment 12.3 12.3 10.6 16.6   Electricity, gas, steam and air conditioning supply supply: water supply: severage, waste management and renediation activities 4.2

## ■ Table 1.8.25 2/2

## Share of companies continuously conducting R&D, by sector groups and employment size classes<sup>12</sup>

Share in %									
Economic activity/Employment size class		2019	2020	2021	2022	2023			
Enterprises with employee	es								
5	to	9	5.3	6.2	7.0	7.1	6.7		
10	to	19	8.7	8.6	9.0	9.1	11.5		
20	to	49	11.3	13.0	14.0	15.2	16.9		
50	to	99	18.6	21.8	20.9	20.4	21.2		
100	to	249	30.6	28.6	33.5	33.8	31.6		
		Subtotal	9.9	10.6	11.5	11.8	12.6		
250	to	499	42.6	42.4	45.1	46.7	39.6		
500	to	999	43.5	48.2	47.6	44.3	46.7		
1,000	and more		60.5	62.5	63.1	64.7	65.3		
		Subtotal	45.9	47.2	48.8	49.1	45.7		
Total			10.9	11.8	12.6	12.9	13.6		

1 All data are projected on the population of enterprises with 5 or more employees.

2 Classification of Economic Activities - 2008 edition (based on NACE 2008 - Nomenclature statistique des activités économiques dans la Communauté européenne).

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Source: ZEW - Leibniz Centre for European Economic Research - Mannheim Innovation Panel, special evaluation

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