

■ Table 1.5.2 1 / 4

Employees, turnover and intramural R&D expenditure of enterprises, by economic activities and employment size classes¹²

Economic activity		2017						
		Employees ³	Turnover ³	Intramural R&D expenditure				
				Total	Per employee	Share of turnover	For information: in the Eastern German Länder and Berlin	
1,000	Millions of €	Millions of €	Thousands of €	in %	Millions of €			
A	01-03	Agriculture, forestry and fishing	7	2,114	169	24.2	8.0	21
B	05-09	Mining and quarrying	26	5,723	25	0.9	0.4	1
C	10-33	Manufacturing	3,466	1,308,407	58,494	16.9	4.5	3,235
	10-12	Manufacture of food products; manufacture of tobacco products	109	46,607	318	2.9	0.7	12
	13-15	Manufacture of textiles and wearing apparel; manufacture of leather and related products	32	7,770	102	3.1	1.3	18
	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	56	16,288	248	4.4	1.5	55
	19	Manufacture of coke and refined petroleum products	7	17,860	145	19.4	0.8	1
	20	Manufacture of chemicals and chemical products	248	99,340	4,065	16.4	4.1	149
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	149	52,044	4,631	31.0	8.9	656
	22	Manufacture of rubber and plastic products	153	43,008	1,149	7.5	2.7	35
	23	Manufacture of other non-metallic mineral products	77	21,896	319	4.1	1.5	31
	24	Manufacture of basic metals	176	81,027	578	3.3	0.7	16
	25	Manufacture of fabricated metal products, except machinery and equipment	197	42,047	921	4.7	2.2	64
	26	Manufacture of computer, electronic and optical products	327	100,618	7,739	23.7	7.7	1,032
	27	Manufacture of electrical equipment	219	58,814	2,692	12.3	4.6	150
	28	Manufacture of machinery and equipment n.e.c.	607	164,178	7,117	11.7	4.3	481
	29	Manufacture of motor vehicles, trailers and semi-trailers	904	485,622	25,656	28.4	5.3	220
	30	Manufacture of other transport equipment	84	37,106	1,776	21.1	4.8	219
	31-33	Manufacture of furniture; other manufacturing; repair and installation of machinery and equipment	119	34,181	1,038	8.7	3.0	98
D; E	35; 36-39	Electricity, gas, steam and air conditioning supply; water supply; sewerage, waste management and remediation activities	158	154,400	177	1.1	0.1	34
F	41-43	Construction	91	16,734	85	0.9	0.5	18
J	58-63	Information and communication	269	66,136	3,380	12.5	5.1	643
K	64-66	Financial and insurance activities	102	250,723	248	2.4	0.1	0
M	69-75	Professional, scientific and technical activities	454	71,254	5,594	12.3	7.9	928
G-I, L, N-U		Remaining categories	1,095	329,041	617	0.6	0.2	97
Total			5,669	2,204,531	68,787	12.1	3.1	4,977

■ Table 1.5.2 2 / 4

Employees, turnover and intramural R&D expenditure of enterprises, by economic activities and employment size classes¹²

Employment size classes	2017					
	Employees ³	Turnover ³	Intramural R&D expenditure			
			Total	Per employee	Share of turnover	For information: in the Eastern German Länder and Berlin
	1,000	Millions of €	Millions of €	Thousands of €	in %	Millions of €
Enterprises with employees						
less than 100	305	80,734	3,154	10.3	3.9	884
100 to 249	347	85,690	2,571	7.4	3.0	496
250 to 499	372	116,946	3,160	8.5	2.7	335
Sub-total	1,024	283,370	8,885	8.7	3.1	1,715
500 to 999	438	160,043	4,099	9.4	2.6	348
1,000 to 1,999	530	198,239	5,822	11.0	2.9	396
2,000 to 4,999	653	277,788	7,571	11.6	2.7	499
5,000 to 9,999	475	204,291	6,771	14.3	3.3	284
10,000 and more	2,550	1,080,800	35,639	14.0	3.3	1,736
Sub-total	4,645	1,921,161	59,902	12.9	3.1	3,263
Total	5,669	2,204,531	68,787	12.1	3.1	4,977

■ Table 1.5.2 3 / 4

Employees, turnover and intramural R&D expenditure of enterprises, by economic activities and employment size classes¹²

Economic activity		2019						
		Employees ³	Turnover ³	Intramural R&D expenditure				
				Total	Per employee	Share of turnover	For information: in the Eastern German Länder and Berlin	
1,000	Millions of €	Millions of €	Thousands of €	in %	Millions of €			
A	01-03	Agriculture, forestry and fishing	8	2,205	185	24.2	8.4	23
B	05-09	Mining and quarrying	24	3,395	20	0.8	0.6	1
C	10-33	Manufacturing	3,669	1,374,254	64,361	17.5	4.7	3,570
	10-12	Manufacture of food products; manufacture of tobacco products	111	49,535	337	3.0	0.7	13
	13-15	Manufacture of textiles and wearing apparel; manufacture of leather and related products	39	10,825	115	2.9	1.1	20
	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	57	16,345	232	4.1	1.4	41
	19	Manufacture of coke and refined petroleum products	7	23,064	159	22.4	0.7	1
	20	Manufacture of chemicals and chemical products	257	104,493	4,411	17.1	4.2	156
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	141	50,077	5,434	38.6	10.9	786
	22	Manufacture of rubber and plastic products	162	44,660	1,333	8.2	3.0	35
	23	Manufacture of other non-metallic mineral products	87	23,770	376	4.3	1.6	36
	24	Manufacture of basic metals	170	80,932	543	3.2	0.7	19
	25	Manufacture of fabricated metal products, except machinery and equipment	239	50,254	1,024	4.3	2.0	71
	26	Manufacture of computer, electronic and optical products	361	104,296	8,721	24.2	8.4	946
	27	Manufacture of electrical equipment	216	62,246	2,695	12.5	4.3	159
	28	Manufacture of machinery and equipment n.e.c.	642	185,254	7,450	11.6	4.0	553
	29	Manufacture of motor vehicles, trailers and semi-trailers	944	493,945	28,253	29.9	5.7	287
	30	Manufacture of other transport equipment	100	37,508	1,977	19.8	5.3	317
	31-33	Manufacture of furniture; other manufacturing; repair and installation of machinery and equipment	136	37,049	1,299	9.5	3.5	130
D; E	35; 36-39	Electricity, gas, steam and air conditioning supply; water supply; sewerage, waste management and remediation activities	187	163,706	187	1.0	0.1	36
F	41-43	Construction	104	20,837	117	1.1	0.6	29
J	58-63	Information and communication	287	65,316	4,295	14.9	6.6	763
K	64-66	Financial and insurance activities	115	92,664	337	2.9	0.4	1
M	69-75	Professional, scientific and technical activities	450	67,495	5,547	12.3	8.2	939
G-I, L, N-U		Remaining categories	1,321	335,622	782	0.6	0.2	128
Total			6,164	2,125,494	75,830	12.3	3.6	5,489

■ Table 1.5.2 4 / 4

Employees, turnover and intramural R&D expenditure of enterprises, by economic activities and employment size classes^{1,2}

Employment size classes	2019					
	Employees ³	Turnover ³	Intramural R&D expenditure			
			Total	Per employee	Share of turnover	For information: in the Eastern German Länder and Berlin
	1,000	Millions of €	Millions of €	Thousands of €	in %	Millions of €
Enterprises with employees						
less than 100	360	76,763	3,816	10.6	5.0	1,039
100 to 249	387	95,204	2,892	7.5	3.0	507
250 to 499	400	114,144	3,373	8.4	3.0	322
Sub-total	1,147	286,112	10,081	8.8	3.5	1,868
500 to 999	466	151,815	4,189	9.0	2.8	459
1,000 to 1,999	555	219,455	6,254	11.3	2.8	312
2,000 to 4,999	715	343,628	8,189	11.5	2.4	566
5,000 to 9,999	542	217,634	8,646	16.0	4.0	459
10,000 and more	2,739	906,850	38,471	14.0	4.2	1,825
Sub-total	5,017	1,839,382	65,749	13.1	3.6	3,621
Total	6,164	2,125,494	75,830	12.3	3.6	5,489

1 Including institutions for cooperative industrial research and experimental development.

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

3 Employees and turnover of enterprises with internal and/or external R&D expenditure.

Last update: March 9, 2022

Source: Special evaluation of the Stifterverband Wissenschaftsstatistik

This work is licensed under a Data licence Germany attribution non-commercial 1.0.
<https://www.govdata.de/dl-de/by-nc-1-0>