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**Employees, turnover and intramural R&D expenditure of enterprises, by economic activities and employment size classes<sup>12</sup>**

Economic activity			2013					
			Employees <sup>3</sup>	Turnover <sup>3</sup>	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	6	1,903	144	25.3	7.6	20
B	05-09	Mining and quarrying	21	4,187	15	0.7	0.4	2
C	10-33	Manufacturing	3,253	1,097,832	46,049	14.2	4.2	2,716
	10-12	Food products, beverages and tobacco products	112	45,153	315	2.8	0.7	14
	13-15	Textiles, apparel, leather	28	6,532	113	4.0	1.7	19
	16-18	Wood products, paper products, printing	53	15,559	227	4.3	1.5	38
	19	Coke and refined petroleum products	7	38,373	94	14.0	0.2	0
	20	Chemicals and chemical products	239	115,466	3,346	14.0	2.9	97
	21	Basic pharmaceutical products and pharmaceutical preparations	117	43,302	4,075	34.9	9.4	647
	22	Rubber and plastic products	146	33,748	970	6.6	2.9	28
	23	Glass, ceramics and non-metallic mineral products	72	15,183	292	4.1	1.9	29
	24	Basic metals	160	75,017	530	3.3	0.7	16
	25	Fabricated metal products	186	37,328	743	4.0	2.0	69
	26	Computer, electronic and optical products	378	86,346	7,342	19.4	8.5	858
	27	Electrical equipment	203	44,370	2,130	10.5	4.8	75
	28	Machinery and equipment	609	147,779	5,388	8.8	3.6	302
	29	Motor vehicles, trailers and semi-trailers	733	335,826	17,187	23.5	5.1	152
	30	Other transport equipment	87	28,005	2,018	23.1	7.2	157
	31-33	Other manufacturing of products	124	29,845	1,279	10.3	4.3	213
D, E	35-39	Electricity supply; water supply, waste management	151	231,366	209	1.4	0.1	27
F	41-43	Construction	69	14,935	80	1.2	0.5	22
J	58-63	Information and communication	251	54,603	3,170	12.6	5.8	530
K	64-66	Financial and insurance activities	83	231,208	290	3.5	0.1	0
M	69-75	Professional, scientific and technical activities	234	64,636	2,930	12.5	4.5	636
G-I, L, N-U		Remaining categories	954	268,126	408	0.4	0.2	41
<b>Total</b>			<b>5,023</b>	<b>1,968,795</b>	<b>53,296</b>	<b>10.6</b>	<b>2.7</b>	<b>3,993</b>

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**Employees, turnover and intramural R&D expenditure of enterprises, by economic activities and employment size classes<sup>12</sup>**

Employment size classes	2013					
	Employees <sup>3</sup>	Turnover <sup>3</sup>	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 €
<b>Enterprises with employees</b>						
less than 100	268	57,487	2,860	10.7	5.0	863
100 to 249	304	65,429	2,098	6.9	3.2	367
250 to 499	318	83,659	2,611	8.2	3.1	221
Sub-total	890	206,575	7,569	8.5	3.7	1,451
500 to 999	394	130,792	3,215	8.2	2.5	192
1,000 to 1,999	458	144,365	5,222	11.4	3.6	433
2,000 to 4,999	569	279,451	6,480	11.4	2.3	452
5,000 to 9,999	402	152,761	5,051	12.6	3.3	84
10,000 and more	2,310	1,054,853	25,760	11.2	2.4	1,381
Sub-total	4,133	1,762,222	45,728	11.1	2.6	2,541
<b>Total</b>	<b>5,023</b>	<b>1,968,795</b>	<b>53,296</b>	<b>10.6</b>	<b>2.7</b>	<b>3,993</b>

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**Employees, turnover and intramural R&D expenditure of enterprises, by economic activities and employment size classes<sup>12</sup>**

Economic activity			2015					
			Employees <sup>3</sup>	Turnover <sup>3</sup>	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	6	1,137	150	26.7	13.2	17
B	05-09	Mining and quarrying	24	4,119	21	0.9	0.5	2
C	10-33	Manufacturing	3,331	1,172,963	51,913	15.6	4.4	3,065
	10-12	Food products, beverages and tobacco products	103	42,473	318	3.1	0.7	12
	13-15	Textiles, apparel, leather	28	6,322	91	3.2	1.4	16
	16-18	Wood products, paper products, printing	54	14,612	215	4.0	1.5	43
	19	Coke and refined petroleum products	5	37,872	135	24.5	0.4	0
	20	Chemicals and chemical products	243	108,297	3,786	15.6	3.5	122
	21	Basic pharmaceutical products and pharmaceutical preparations	115	44,919	3,956	34.3	8.8	572
	22	Rubber and plastic products	154	41,917	1,088	7.1	2.6	30
	23	Glass, ceramics and non-metallic mineral products	74	23,576	310	4.2	1.3	28
	24	Basic metals	164	74,786	531	3.2	0.7	14
	25	Fabricated metal products	190	37,640	824	4.3	2.2	63
	26	Computer, electronic and optical products	399	100,252	7,541	18.9	7.5	932
	27	Electrical equipment	199	46,199	2,249	11.3	4.9	83
	28	Machinery and equipment	580	143,295	5,459	9.4	3.8	305
	29	Motor vehicles, trailers and semi-trailers	800	383,573	21,466	26.8	5.6	225
	30	Other transport equipment	91	32,610	2,007	22.1	6.2	243
	31-33	Other manufacturing of products	132	34,620	1,935	14.7	5.6	377
D, E	35-39	Electricity supply; water supply, waste management	148	120,471	161	1.1	0.1	25
F	41-43	Construction	97	16,118	75	0.8	0.5	16
J	58-63	Information and communication	256	59,280	3,185	12.4	5.4	572
K	64-66	Financial and insurance activities	93	207,182	284	3.0	0.1	0
M	69-75	Professional, scientific and technical activities	324	53,122	4,390	13.6	8.3	740
G-I, L, N-U		Remaining categories	1,136	295,323	478	0.4	0.2	62
<b>Total</b>			<b>5,415</b>	<b>1,929,716</b>	<b>60,657</b>	<b>11.2</b>	<b>3.1</b>	<b>4,499</b>

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**Employees, turnover and intramural R&D expenditure of enterprises, by economic activities and employment size classes<sup>1,2</sup>**

Employment size classes	2015					
	Employees <sup>3</sup>	Turnover <sup>3</sup>	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 €
<b>Enterprises with employees</b>						
less than 100	276	73,799	2,731	9.9	3.7	764
100 to 249	320	67,153	2,269	7.1	3.4	416
250 to 499	327	96,740	2,788	8.5	2.9	335
Sub-total	922	237,692	7,788	8.4	3.3	1,515
500 to 999	405	120,205	3,660	9.0	3.0	185
1,000 to 1,999	495	159,021	5,585	11.3	3.5	458
2,000 to 4,999	576	299,698	6,846	11.9	2.3	402
5,000 to 9,999	435	132,338	6,372	14.6	4.8	276
10,000 and more	2,581	980,763	30,406	11.8	3.1	1,663
Sub-total	4,492	1,692,025	52,869	11.8	3.1	2,984
<b>Total</b>	<b>5,415</b>	<b>1,929,716</b>	<b>60,657</b>	<b>11.2</b>	<b>3.1</b>	<b>4,499</b>

1 Not 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: November 2017

This table also appears in the Federal Report on Research and Innovation as Table 22.

Source: Special evaluation of the Stifterverband Wissenschaftsstatistik

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