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**Indexes for innovation in the business-to-business services sector<sup>1</sup>**

Indicator	Knowledge-intensive services <sup>2</sup>							
	2008		2009		2010		2011	
	Absolute value	in %	Absolute value	in %	Absolute value	in %	Absolute value	in %
<b>Business enterprises (1,000)</b>	70.6	100.0	71.0	100.0	71.7	100.0	72.1	100.0
Of which:								
Innovators	36.5	51.6	33.8	47.6	33.7	47.1	33.8	46.8
Product innovators	26.7	37.8	23.2	32.7	26.6	37.1	25.4	35.2
Of which:								
Business enterprises with market innovations	10.9	15.4	7.6	10.8	10.4	14.5	8.1	11.2
Process innovators	24.7	35.0	20.4	28.8	20.2	28.2	20.7	28.7
Of which:								
Business enterprises with cost reduction	11.1	15.7	8.3	11.7	7.7	10.7	9.1	12.6
Business enterprises with continuous R&D activities (intramural)	12.1	17.2	11.4	16.0	12.4	17.3	12.2	17.0
<b>Employees (Millions)</b>	2.9	100.0	2.9	100.0	3.0	100.0	2.9	100.0
Of which:								
Innovators	2.2	76.2	2.1	73.7	2.2	73.9	2.1	71.7
Business enterprises with continuous R&D activities (intramural)	1.2	40.8	1.2	41.0	1.3	43.9	1.2	42.0
<b>Innovation expenditure (Billions of €)</b>	22.3	100.0	19.9	100.0	22.0	100.0	20.5	100.0
Share of revenue	-	1.6	-	1.6	-	1.7	-	1.6
Share of revenue without banking/insurance	-	5.4	-	4.8	-	-	-	4.8
Of which:								
Ongoing innovation expenditure	15.0	67.5	14.3	72.0	14.8	67.1	14.2	69.3
Investments for innovations	7.2	32.5	6.0	30.3	7.6	34.6	6.3	30.7
<b>Innovation success (Billions of €/ Share in %)</b>								
Revenue/revenue share with new products	180.4	13.0	107.9	8.9	147.4	11.7	170.3	13.1
Revenue/revenue share with market innovations	32.5	2.3	31.9	2.6	33.3	2.6	30.4	2.3
Cost reduction share for process innovations	-	5.1	-	5.6	-	4.6	-	4.9

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**Indexes for innovation in the business-to-business services sector<sup>1</sup>**

Indicator	Knowledge-intensive services <sup>2</sup>							
	2012		2013		2014		2015	
	Absolute value	in %	Absolute value	in %	Absolute value	in %	Absolute value	in %
<b>Business enterprises (1,000)</b>	73.6	100.0	75.4	100.0	77.2	100.0	77.1	100.0
Of which:								
Innovators	33.4	45.4	30.4	40.4	30.8	39.9	28.9	37.5
Product innovators	26.8	36.4	22.6	30.0	23.4	30.3	23.5	30.5
Of which:								
Business enterprises with market innovations	7.5	10.2	5.2	6.9	9.0	11.7	5.6	7.3
Process innovators	19.1	25.9	18.7	24.8	18.0	23.4	17.7	23.0
Of which:								
Business enterprises with cost reduction	7.8	10.6	5.1	6.8	5.2	6.8	6.7	8.6
Business enterprises with continuous R&D activities (intramural)	11.5	15.6	11.9	15.8	11.0	14.3	11.9	15.4
<b>Employees (Millions)</b>	3.0	100.0	3.1	100.0	3.1	100.0	3.2	100.0
Of which:								
Innovators	2.1	69.2	2.1	66.4	2.0	64.8	2.1	66.4
Business enterprises with continuous R&D activities (intramural)	1.3	41.6	1.3	43.3	1.3	40.1	1.4	42.8
<b>Innovation expenditure (Billions of €)</b>	20.6	100.0	22.1	100.0	22.3	100.0	25.0	100.0
Share of revenue	-	1.6	-	1.8	-	1.9	-	2.1
Share of revenue without banking/insurance	-	4.6	-	5.2	-	4.8	-	5.3
Of which:								
Ongoing innovation expenditure	13.3	64.3	14.5	65.7	15.0	67.2	16.3	64.9
Investments for innovations	7.4	35.7	7.6	34.3	7.2	32.3	8.8	35.1
<b>Innovation success (Billions of €/ Share in %)</b>								
Revenue/revenue share with new products	120.4	9.4	120.5	10.1	112.1	9.8	126.4	10.4
Revenue/revenue share with market innovations	30.2	2.4	32.7	2.7	23.3	2.0	21.9	1.8
Cost reduction share for process innovations	-	3.9	-	4.1	-	3.3	-	4.5

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**Indexes for innovation in the business-to-business services sector<sup>1</sup>**

Indicator	Other services							
	2008		2009		2010		2011	
	Absolute value	in %	Absolute value	in %	Absolute value	in %	Absolute value	in %
<b>Business enterprises (1,000)</b>	96.7	100.0	96.5	100.0	97.6	100.0	100.3	100.0
Of which:								
Innovators	31.9	33.0	28.5	29.5	27.7	28.4	26.4	26.3
Product innovators	21.4	22.1	16.7	17.3	20.7	21.3	15.3	15.3
Of which:								
Business enterprises with market innovations	5.7	5.9	6.5	6.8	6.1	6.2	6.1	6.1
Process innovators	22.6	23.4	19.4	20.1	16.2	16.6	18.1	18.1
Of which:								
Business enterprises with cost reduction	9.8	10.1	9.6	9.9	8.6	8.9	7.2	7.2
Business enterprises with continuous R&D activities (intramural)	2.3	2.3	2.3	2.3	2.0	2.1	2.1	2.1
<b>Employees (Millions)</b>	4.5	100.0	4.5	100.0	4.6	100.0	4.9	100.0
Of which:								
Innovators	2.5	55.8	2.5	55.1	2.4	52.3	2.6	54.0
Business enterprises with continuous R&D activities (intramural)	0.9	20.4	0.9	19.6	0.9	19.8	0.9	18.8
<b>Innovation expenditure (Billions of €)</b>	8.5	100.0	8.5	100.0	9.0	100.0	9.2	100.0
Share of revenue	-	0.7	-	0.7	-	0.7	-	0.7
Share of revenue without banking/insurance	-	-	-	-	-	-	-	-
Of which:								
Ongoing innovation expenditure	2.4	28.2	3.0	35.3	2.8	30.6	2.6	28.1
Investments for innovations	6.1	71.7	5.5	65.2	6.3	69.4	6.6	71.9
<b>Innovation success (Billions of €/ Share in %)</b>								
Revenue/revenue share with new products	82.1	6.7	55.1	4.5	78.4	6.5	74.4	5.6
Revenue/revenue share with market innovations	13.8	1.1	10.1	0.7	15.0	1.2	16.8	1.3
Cost reduction share for process innovations	-	2.1	-	2.5	-	2.1	-	2.0

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**Indexes for innovation in the business-to-business services sector<sup>1</sup>**

Indicator	Other services							
	2012		2013		2014		2015	
	Absolute value	in %	Absolute value	in %	Absolute value	in %	Absolute value	in %
<b>Business enterprises (1,000)</b>	101.7	100.0	103.7	100.0	104.9	100.0	104.6	100.0
Of which:								
Innovators	26.0	25.6	29.1	28.0	29.4	28.0	28.3	27.1
Product innovators	18.0	17.7	19.1	18.4	22.8	21.7	20.1	19.2
Of which:								
Business enterprises with market innovations	4.5	4.4	4.1	3.9	5.8	5.5	3.1	2.9
Process innovators	15.3	15.0	19.6	18.9	14.7	14.0	17.7	16.9
Of which:								
Business enterprises with cost reduction	7.3	7.2	6.8	6.6	6.1	5.8	7.7	7.3
Business enterprises with continuous R&D activities (intramural)	2.1	2.1	2.7	2.6	2.8	2.6	3.6	3.5
<b>Employees (Millions)</b>	4.9	100.0	5.0	100.0	5.0	100.0	5.2	100.0
Of which:								
Innovators	2.3	47.5	2.4	48.6	2.3	46.4	2.4	46.8
Business enterprises with continuous R&D activities (intramural)	0.8	17.2	1.0	19.3	0.9	17.4	1.0	18.6
<b>Innovation expenditure (Billions of €)</b>	8.5	100.0	9.2	100.0	7.8	100.0	9.4	100.0
Share of revenue	-	0.6	-	0.7	-	0.6	-	0.7
Share of revenue without banking/insurance	-	-	-	-	-	-	-	-
Of which:								
Ongoing innovation expenditure	2.5	29.0	3.1	33.5	2.9	36.9	3.8	40.1
Investments for innovations	6.0	71.0	6.1	66.6	4.9	63.1	5.6	59.9
<b>Innovation success (Billions of € / Share in %)</b>								
Revenue/revenue share with new products	64.8	4.8	61.2	4.5	77.2	5.6	69.4	4.9
Revenue/revenue share with market innovations	8.1	0.6	7.1	0.5	15.8	1.1	17.1	1.2
Cost reduction share for process innovations	-	2.3	-	1.5	-	1.3	-	1.7

1 2015 figures preliminary. All figures are projected for the total enterprise population in Germany with regard to enterprises with five or more employees. Possible rounding differences. 2014 figures revised.

2 Information and communication services, financial and insurance services, professional, scientific and technical services (excluding other professional, scientific and technical activities).

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Source: Special evaluation of the Centre for European Economic Research - Mannheim Innovation Panel

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