

■ Table 1.8.19 1 / 2

Share of revenue from product innovations as a percentage of total revenue, by sector groups and employment size classes^{1,2}

		Share in %				
	Economic activity/Employment size class	2019	2020	2021	2022	2023
B 05-09	Mining and quarrying	3.2	1.6	5.2	2.5	1.8
C 10-33	Manufacturing	21.7	21.4	21.2	18.6	19.5
C 10-12	Manufacture of food products, beverages and tobacco products	4.9	8.8	10.2	5.9	4.0
C 13-15	Manufacture of textiles, wearing apparel and of leather and related products	23.6	25.8	24.7	22.9	22.2
C 16-18	Manufacture of wood (except furniture), paper and paper products; printing and reproduction of recorded media	8.0	7.6	8.8	5.5	6.4
C 19	Manufacture of coke and refined petroleum products	10.7	10.8	11.2	10.5	4.4
C 20	Manufacture of chemicals and chemical products	14.5	12.7	12.1	9.9	14.3
C 21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	16.5	20.1	17.6	18.3	10.3
C 22	Manufacture of rubber and plastic products	11.0	8.7	8.3	7.7	7.3
C 23	Manufacture of other non-metallic mineral products	9.4	7.9	11.4	7.1	8.0
C 24	Manufacture of basic metals	11.9	9.2	7.5	9.6	7.7
C 25	Manufacture of fabricated metal products, except machinery and equipment	5.6	5.6	6.3	4.4	4.1
C 26	Manufacture of computer, electronic and optical products	26.5	24.7	23.9	21.2	19.0
C 27	Manufacture of electrical equipment	28.5	22.1	19.4	17.0	11.3
C 28	Manufacture of machinery and equipment n.e.c.	16.0	18.6	17.7	14.9	15.1
C 29	Manufacture of motor vehicles, trailers and semi-trailers	47.9	48.1	49.5	44.8	45.9
C 30	Manufacture of other transport equipment	24.6	25.6	21.0	17.1	36.8
C 31-32	Manufacture of furniture; other manufacturing	12.4	12.6	11.4	10.4	9.9
C 33	Repair and installation of machinery and equipment	7.7	7.9	5.7	7.1	10.1
D 35, E 36-39	Electricity, gas, steam and air conditioning supply; water supply; sewerage, waste management and remediation activities	4.4	4.8	5.1	5.2	5.0
D 35	Electricity, gas, steam and air conditioning supply	4.5	4.9	4.9	5.3	5.1
E 36-37	Water collection, treatment and supply; sewerage	2.5	2.1	1.0	1.8	2.3
E 38-39	Waste collection, treatment and disposal activities; materials recovery; remediation activities and other waste management services	4.3	4.1	9.2	4.1	2.2
G 46; H 49-53; J 58-63; K 64-66; M 69/70.2, 71-74; N 78-82	Business-related services	9.2	9.9	9.8	9.8	9.7
G 46	Wholesale trade (except of motor vehicles and motorcycles)	5.1	5.3	3.4	4.4	4.2
H 49-53	Transportation and storage	10.4	13.2	7.8	8.9	7.2
J 58-60	Publishing activities; motion picture, video and television programme production, sound recording and music publishing activities; programming and broadcasting activities	12.5	15.3	11.0	10.8	9.4
J 61-63	Telecommunications; computer programming, consultancy and related activities; information service activities	20.6	19.2	26.5	28.6	24.6
K 64-66	Financial and insurance activities	12.0	13.7	16.6	13.3	14.7
M 69/70.2	Legal and accounting activities; management consultancy activities	8.3	13.0	7.4	8.3	9.3
M 71-72	Architectural and engineering activities; technical testing and analysis; scientific research and development	14.3	10.7	23.1	20.6	11.3
M 73-74	Advertising and market research; other professional, scientific and technical activities	7.7	15.3	8.8	9.7	15.1
N 78-82	Other business services	8.2	6.2	6.0	8.4	6.3

■ Table 1.8.19 2 / 2

Share of revenue from product innovations as a percentage of total revenue, by sector groups and employment size classes^{1,2}

						Share in %				
Economic activity/Employment size class			2019	2020	2021	2022	2023			
Enterprises with employees										
5	to	9	7.5	12.0	5.5	5.4	5.1			
10	to	19	5.2	7.9	7.3	5.4	7.1			
20	to	49	5.4	7.0	4.0	4.5	8.3			
50	to	99	8.2	6.3	7.4	4.7	4.7			
100	to	249	4.7	5.6	4.5	5.4	4.0			
Subtotal			5.9	6.8	5.4	5.1	5.5			
250	to	499	9.0	8.8	7.7	6.9	6.7			
500	to	999	7.2	7.7	8.5	6.7	9.9			
1,000	and more		23.1	23.5	23.0	20.9	20.1			
Subtotal			17.9	17.7	17.6	15.5	15.6			
Total			13.7	13.8	13.3	12.0	12.2			

1 All data is extrapolated to the total population of companies with five or more employees in Germany.

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

Last update: January 27, 2025

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

This work is licensed under a Data licence Germany attribution 2.0.
<https://www.govdata.de/dl-de/by-2-0>