

Valves



German Industrial Valves Figures 2018

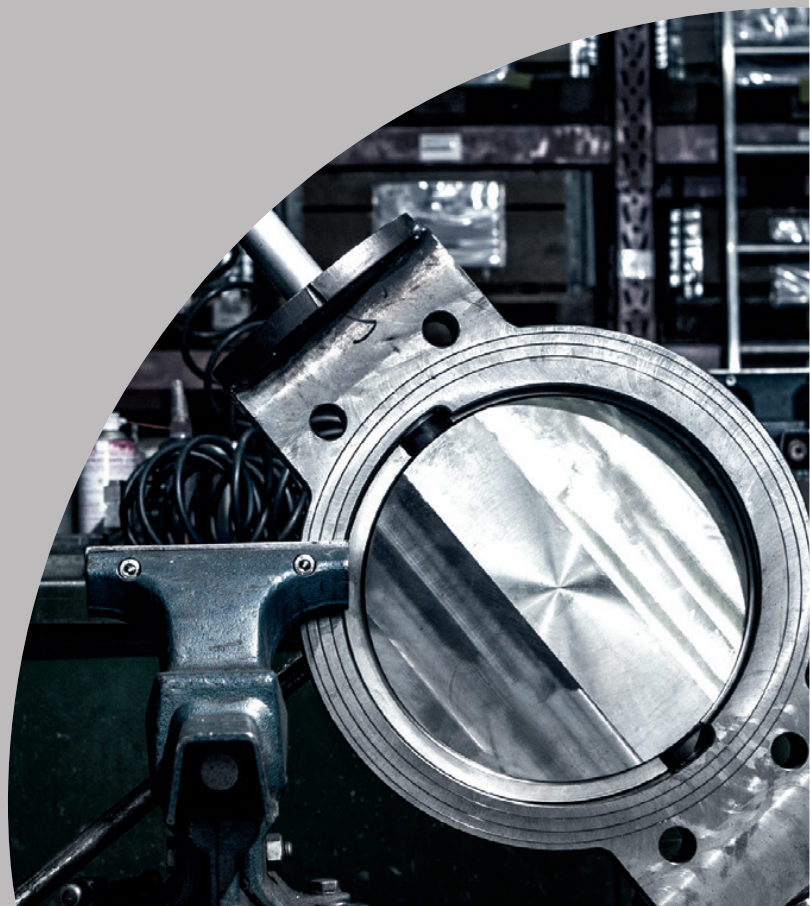
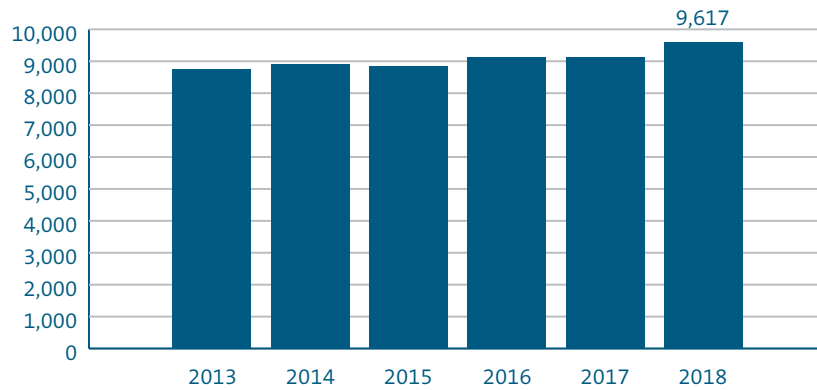


Image source: Herberholz GmbH

Valve production* 2013–2018 (million €)



* incl. total confidential values
Source: Federal Statistical Office Germany

Production value by sector* 2018

	Sector	value (million €)	share (%)
	Mechanical Engineering	225,070	100.0
1	Materials Handling & Intralogistics	18,495	8.2
2	Power Transmission Engineering	17,494	7.8
3	Machine Tools	17,140	7.6
4	Food Processing & Packaging Machinery	15,166	6.7
5	Air-Handling Technology	14,638	6.5
6	Construction Equipment & Building Material Machines	11,541	5.1
7	Precision Tools	11,179	5.0
8	Agricultural Machinery	10,555	4.7
9	Valves	9,617	4.3
10	Robotics and Automation	8,884	3.9
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Source: Federal Statistical Office Germany
* In some cases the statistical definition of the mechanical engineering sectors is not fully in line with the organisational definition of the VDMA sectors.
The sector totals are partly estimated due to confidentiality of some results.

VDMA Valves

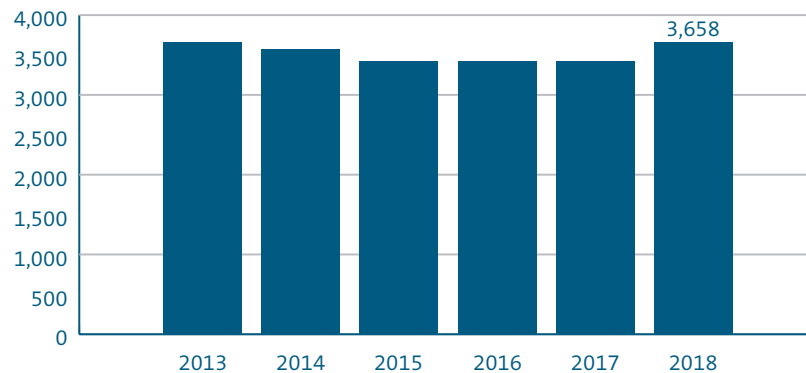
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Employees (1,000 people)

	2013	2014	2015	2016	2017	2018
Mechanical Engineering	987	1,004	1,009	1,005	1,018	1,052
Valves	39.0	39.3	40.0	39.8	38.9	40.5

Source: Federal Statistical Office Germany, VDMA

Industrial valve production* 2013-2018 (million €)



* Total excl. confidential values

Source: Federal Statistical Office Germany

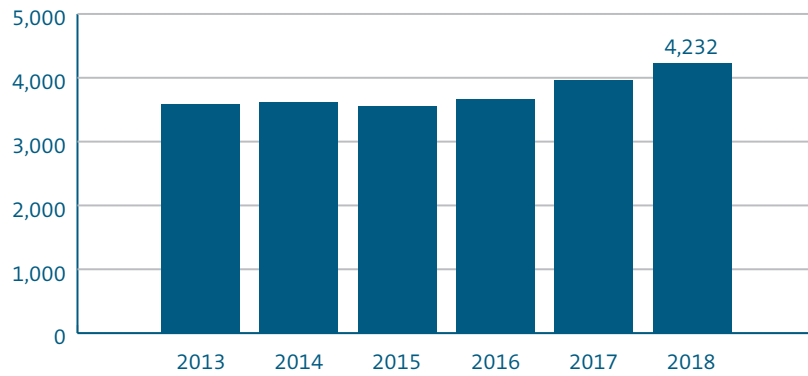
Industrial valve production (million €)

	2017	2018	change (%)
Valves	9,124.7	9,617.2	5.4
Building valves ¹	4,281.8	4,508.7	5.3
Industrial valves¹	3,420.1	3,657.8	7.0
Shut-off valves¹	1,775.7	1,902.7	7.2
Control valves¹	862.8	933.9	8.2
Safety & Monitoring valves	781.7	821.2	5.1
Parts of valves	735.3	747.7	1.7
Assembly & Repair	259.8	260.0	0.1

¹ Total excl. confidential values

Source: Federal Statistical Office Germany

Industrial valve export 2013–2018 (million €)



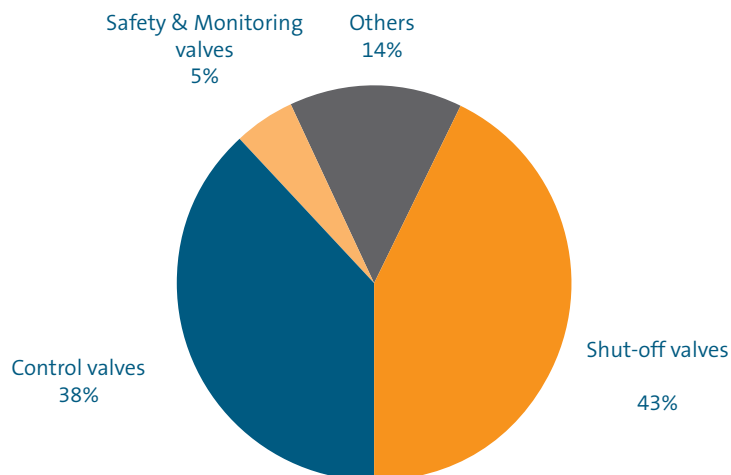
Source: Federal Statistical Office Germany

Industrial valve export (million €)

	2017	2018	change (%)
Valves	8,559.7	9,154.5	6.9
Building valves	3,043.7	3,222.0	5.9
Industrial valves	3,953.2	4,232.3	7.1
Shut-off valves	1,644.9	1,806.3	9.8
Control valves	1,582.1	1,605.4	1.5
Safety & Monitoring valves	198.8	224.6	13.0

Source: Federal Statistical Office Germany

Industrial valve export by product group 2018 (% of total)



Source: Federal Statistical Office Germany

Industrial valve export – TOP buying countries (million €)

Countries	2017	2018	change (%)
Reporting countries	3,953.2	4,232.3	7.1
China	452.2	507.0	12.1
USA	358.5	409.6	14.3
France	216.2	217.7	0.7
Netherlands	204.2	214.1	4.8
Italy	182.8	192.6	5.4
United Kingdom	157.7	183.3	16.2
Austria	170.8	181.5	6.3
Czech Republic	129.0	152.0	17.8
Switzerland	133.2	138.5	4.0
Poland	135.6	133.0	-1.9

Source: Federal Statistical Office, Eurostat

Industrial valve export – TOP supplying countries worldwide (million €)

Countries	2017	2018	change (%)
Reporting countries*	35,523.7	36,482.2	2.7
China	5,681.6	6,369.2	12.1
USA	5,289.4	5,104.7	-3.5
Germany	3,953.2	4,232.3	7.1
Italy	3,854.3	3,924.9	1.8
Japan	1,575.2	1,537.3	-2.4
France	1,322.5	1,258.1	-4.9
United Kingdom	1,301.5	1,209.3	-7.1
Mexico	1,171.6	1,168.5	-0.3
Republic of Korea	1,004.9	1,049.0	4.4
Czech Republic	851.9	925.1	8.6

*49 countries

Source: National Statistical Offices

Capacity utilisation (%)

	2017	2018	change (%)
Mechanical Engineering	88.0	90.4	2.7
Building Valves	80.6	79.6	-1.2
Industrial Valves	85.0	91.1	7.2

Source: ifo Institute

Order backlog (months)

	2017	2018	change (%)
Mechanical Engineering	4.3	4.9	14.0
Building Valves	1.8	2.1	16.7
Industrial Valves	2.9	3.7	27.6

Source: ifo Institute