

U.S. INDUSTRIAL VALVE SHIPMENTS BY END-USER INDUSTRY (2009-2018)

(Percent of Total)

INDUSTRY	2009	2010	2011	2012	2013	2014	2015	2016	2017	Forecast
										2018
Power Generation	11.1	11.1	11.1	11.4	12.4	12.5	12.4	12.0	11.8	11.8
Co-Generation	1.8	1.8	1.8	1.9	2.1	2.1	2.1	1.7	1.8	1.8
Gas Distribution	2.4	2.5	2.5	2.5	2.4	2.4	2.1	1.8	1.9	1.9
Oil & Gas Transmission	5.7	5.9	5.9	5.8	5.9	5.9	6.2	6.2	5.9	6.0
Petroleum Production	12.3	12.4	12.4	12.4	12.0	12.0	12.0	10.5	10.5	11.4
Petroleum Refining	11.5	11.7	11.7	11.7	11.9	11.9	10.8	11.1	11.9	11.7
Chemical	16.3	16.7	16.7	17.1	17.2	17.2	17.8	18.7	18.4	18.3
Iron & Steel	1.7	2.1	2.1	2.0	2.0	2.0	1.9	1.7	1.9	1.8
Pulp & Paper	6.3	6.4	6.4	6.7	6.5	6.5	6.4	6.4	6.1	5.9
Marine	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.3
Comm. Construction	5.4	4.5	4.5	4.5	4.4	4.5	4.5	5.0	4.7	5.0
Food & Beverage	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.3
Water & Wastewater	18.0	17.6	17.6	16.8	16.2	16.1	16.9	17.8	18.1	17.7
Mining	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Textiles	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Other	2.6	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.3	2.2
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total Ind. Valve Shipments	3.80	3.85	3.915	4.150	4.275	4.366	4.462	4.465	4.549	4.615

(\$billions)

SOURCE: Valve Manufacturers Association