

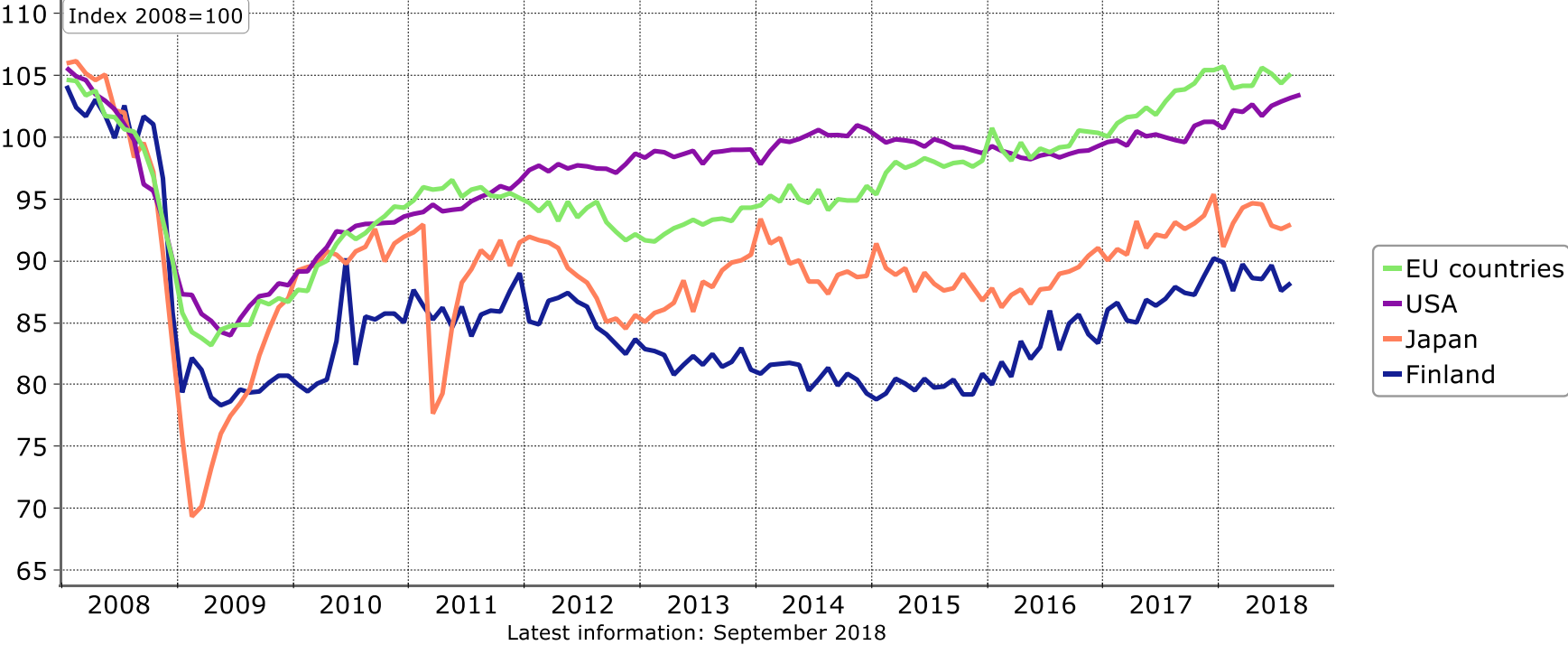
# GDP Growth Rate in Euro Countries Has about Halved from 2017

Manufacturing and services sector purchasing manager index, 50 = no change over previous month

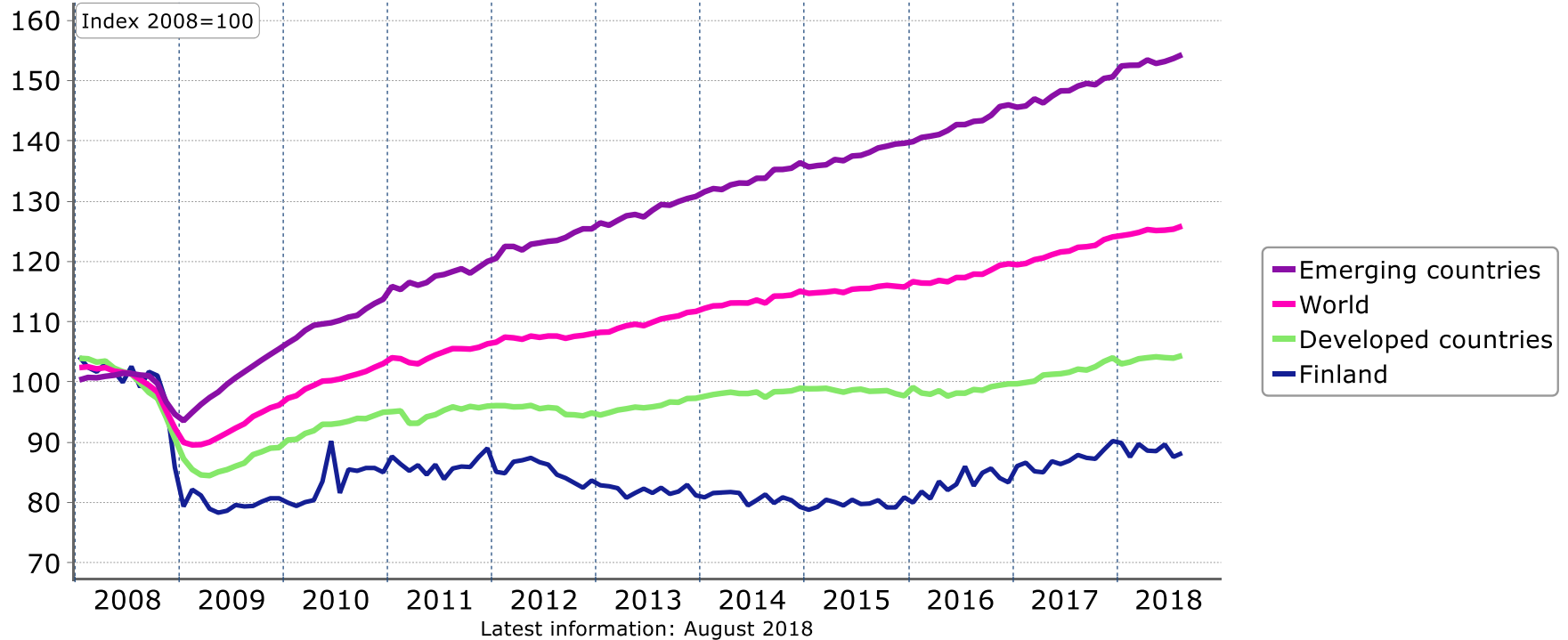


Sources: IHS Markit, Eurostat.

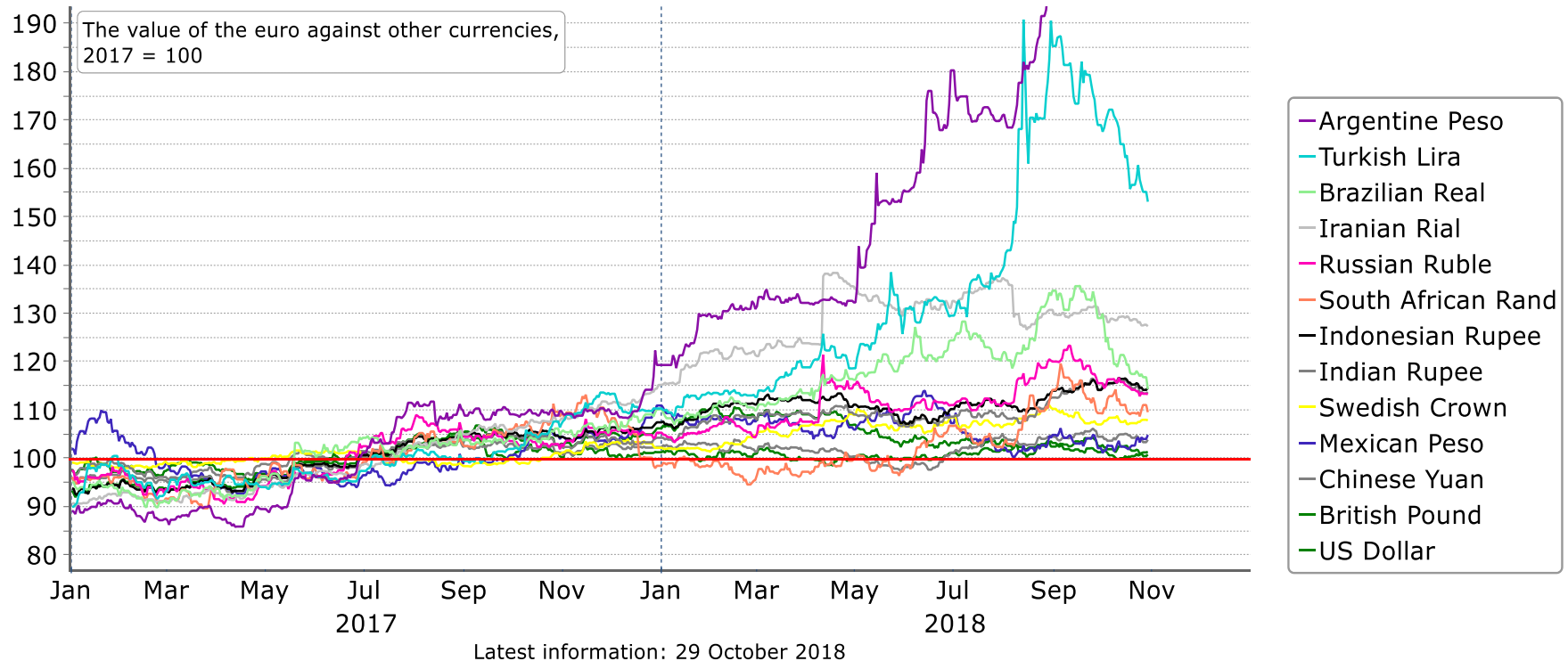
# Industrial Production Has not Grown since the End of 2017, except in the United States



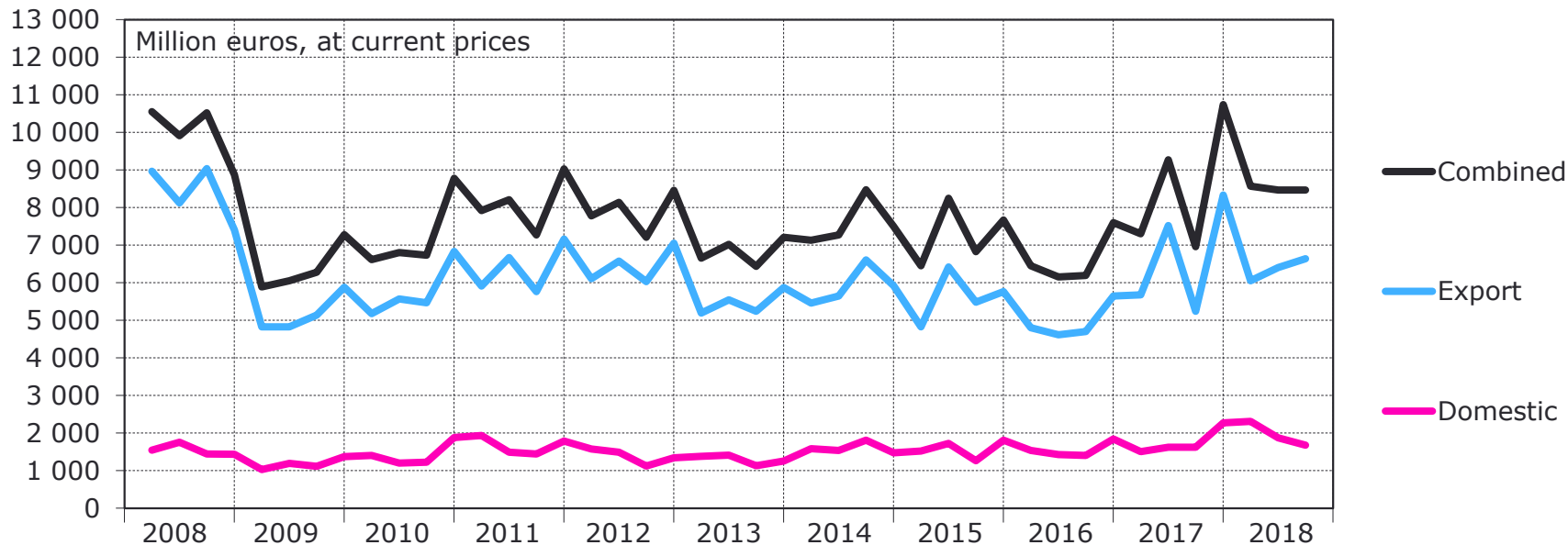
# Growth in Industrial Output Has also Slowed down Globally



# Changes in Foreign Exchange Rates Reflect Uncertainty about Customs and Economic Sanctions



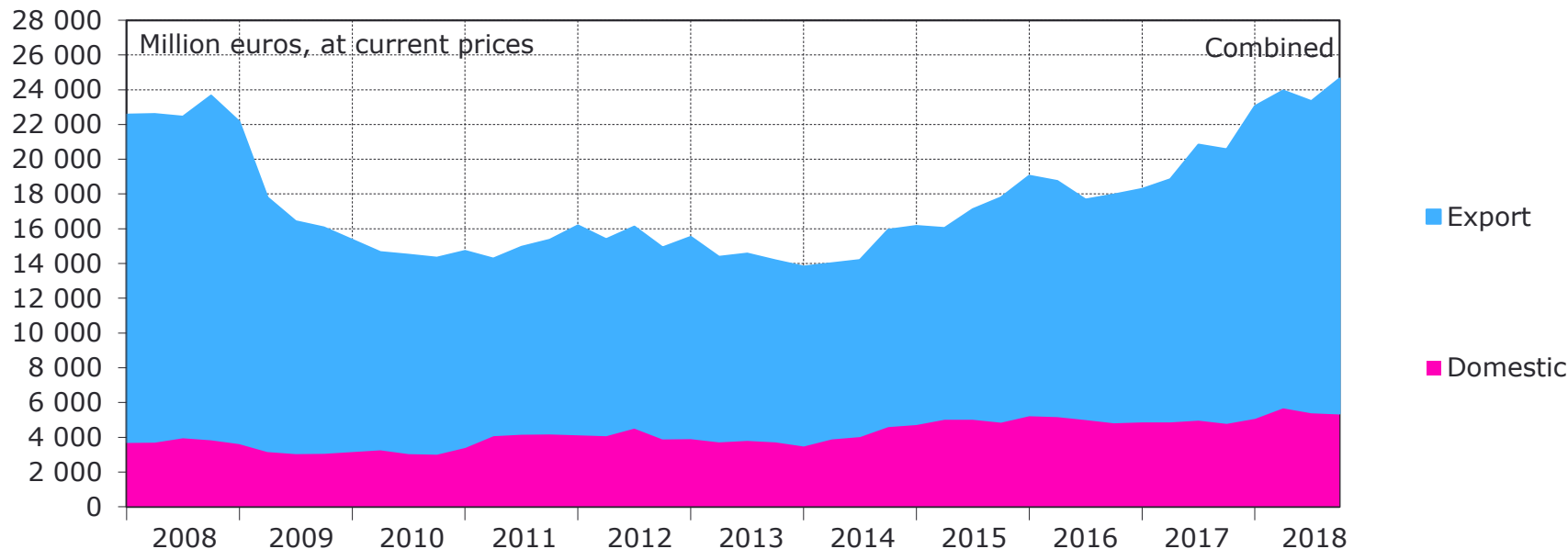
# Value of New Orders in the Technology Industry\* in Finland



Change:	III,2018 / III,2017	III,2018 / II,2018
Export:	+27 %	+4 %
Domestic:	+3 %	-10 %
Combined:	+22 %	0 %

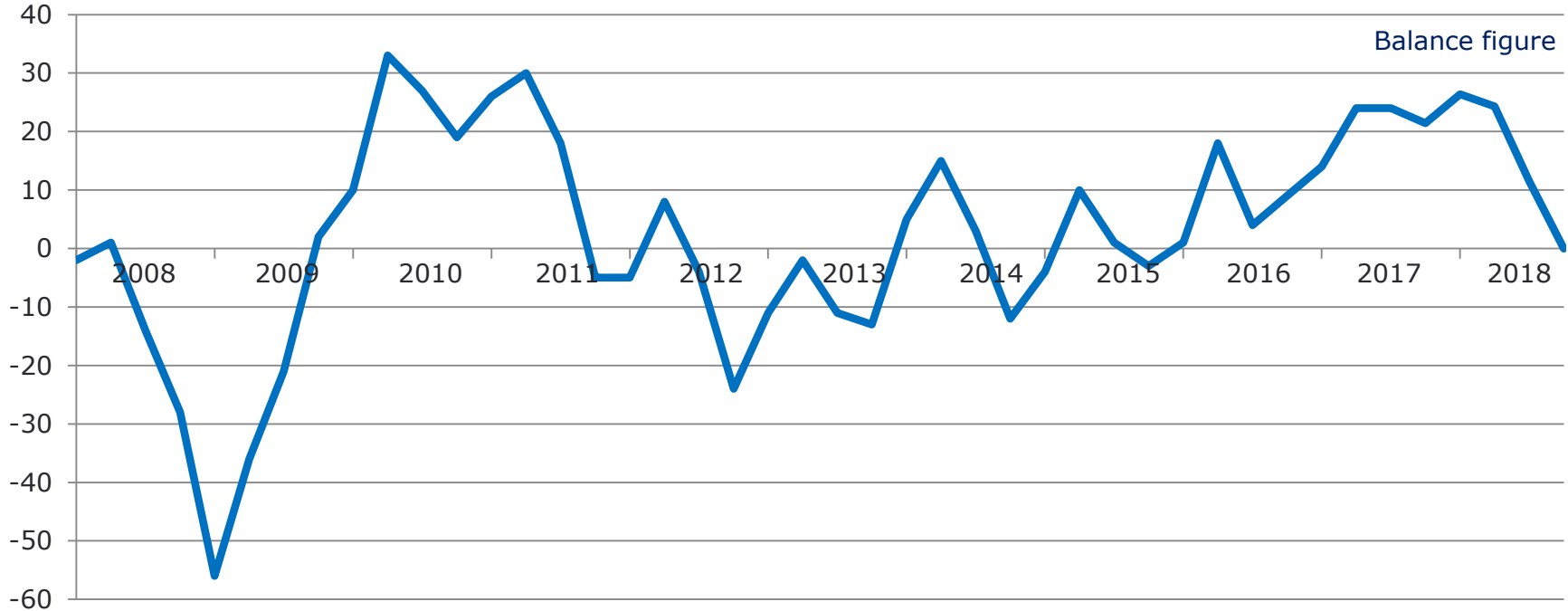
\*) Excl. metals industry, game industry and data center companies

# Value of Order Books in the Technology Industry\* in Finland



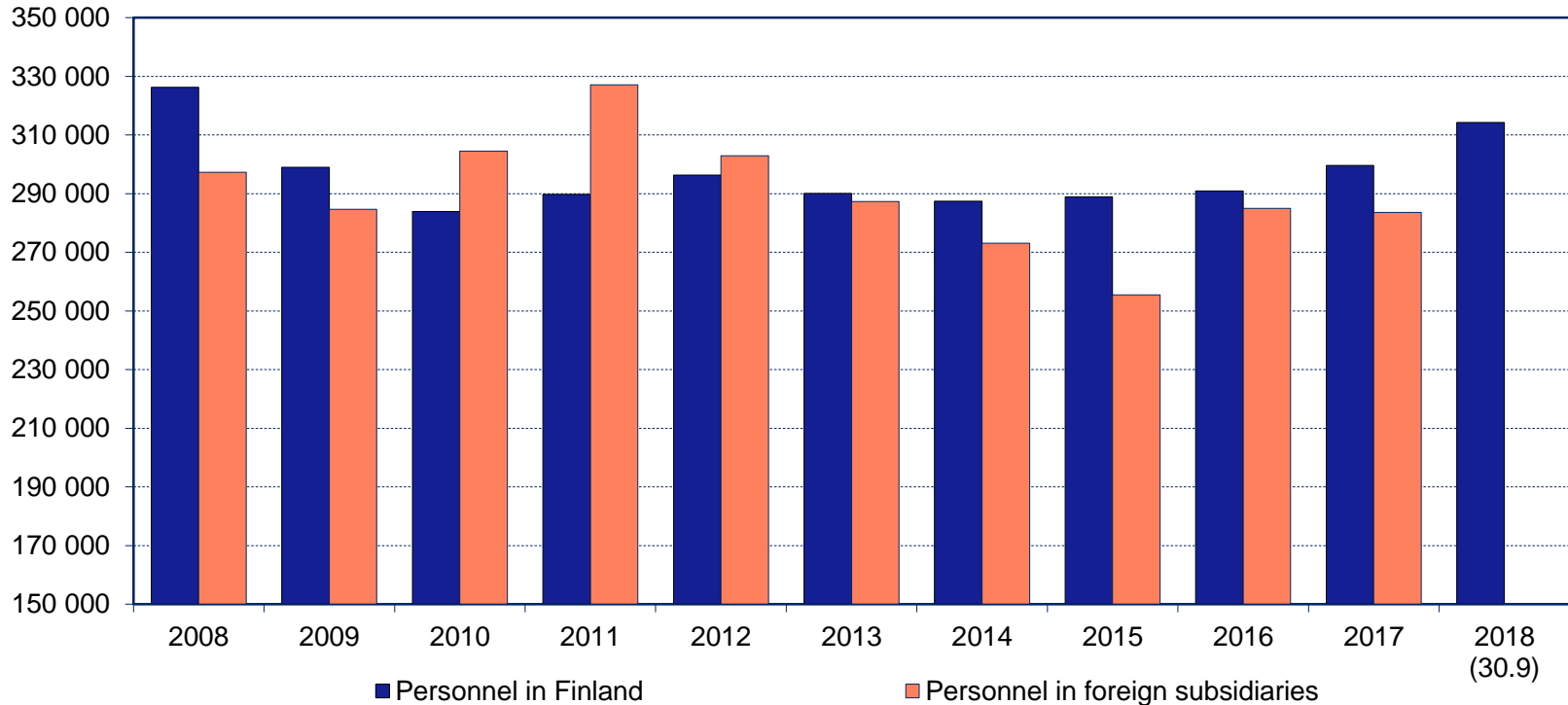
Change:	30.9.2018 / 30.9.2017	30.9.2018 / 30.6.2018	*) *) Excl. metals industry, game industry and data center companies
Export:	+22 %	+8 %	
Domestic:	+11 %	-1 %	
Combined:	+20 %	+6 %	

# Tender Requests\* Received by Technology Industry Companies in Finland



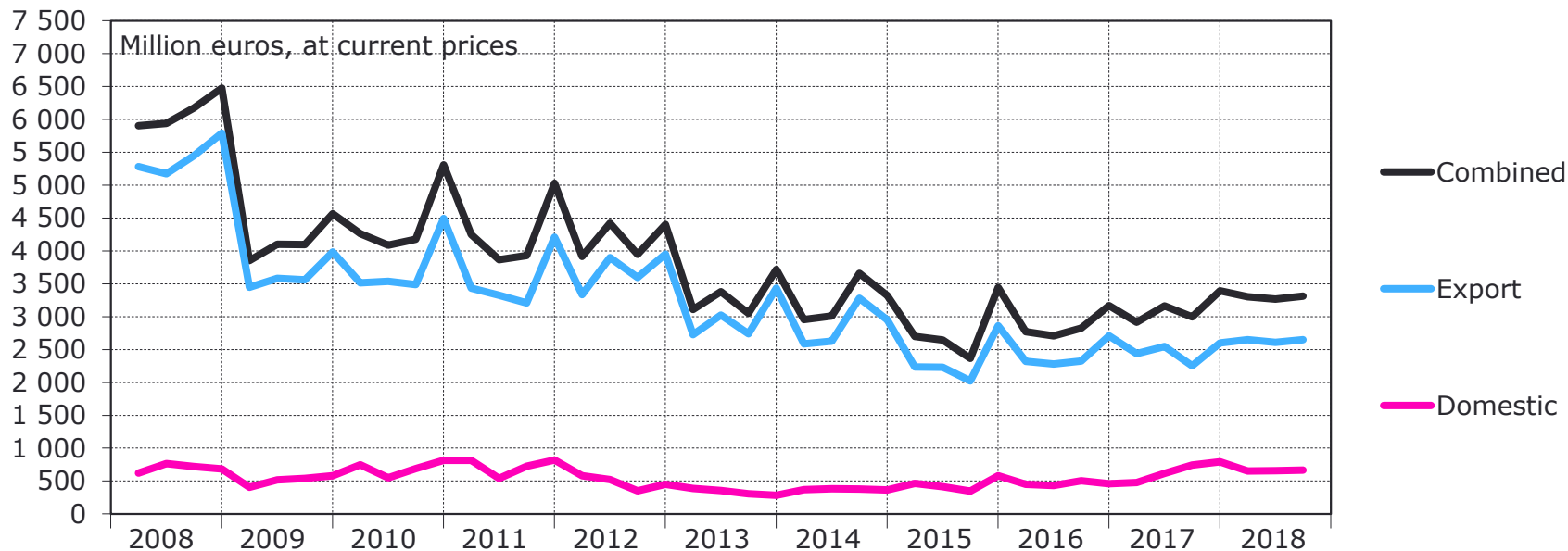
\*) "Have you experienced a notable increase or decrease in the number of requests for tenders in recent weeks in comparison to the situation three months ago?". Balance figure = the number of companies receiving more requests - the number of companies receiving less requests."

# Technology Industry Personnel in Finland and Abroad



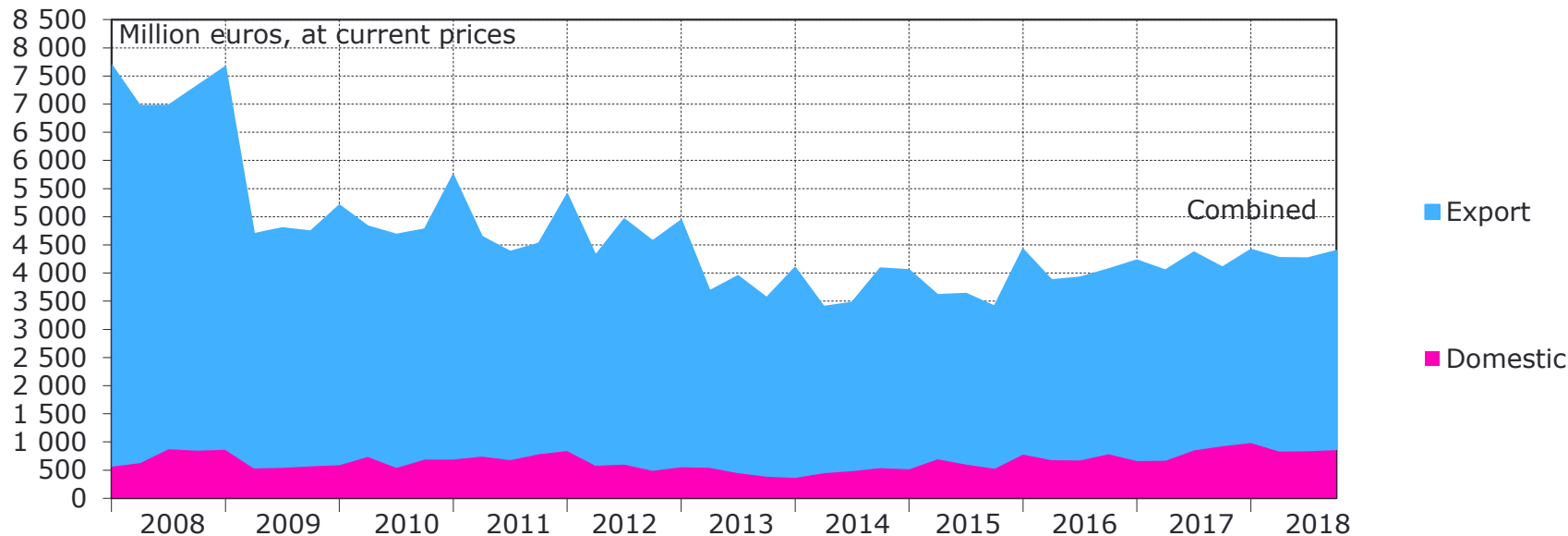


# Value of New Orders in the Electronics and Electrotechnical Industry in Finland



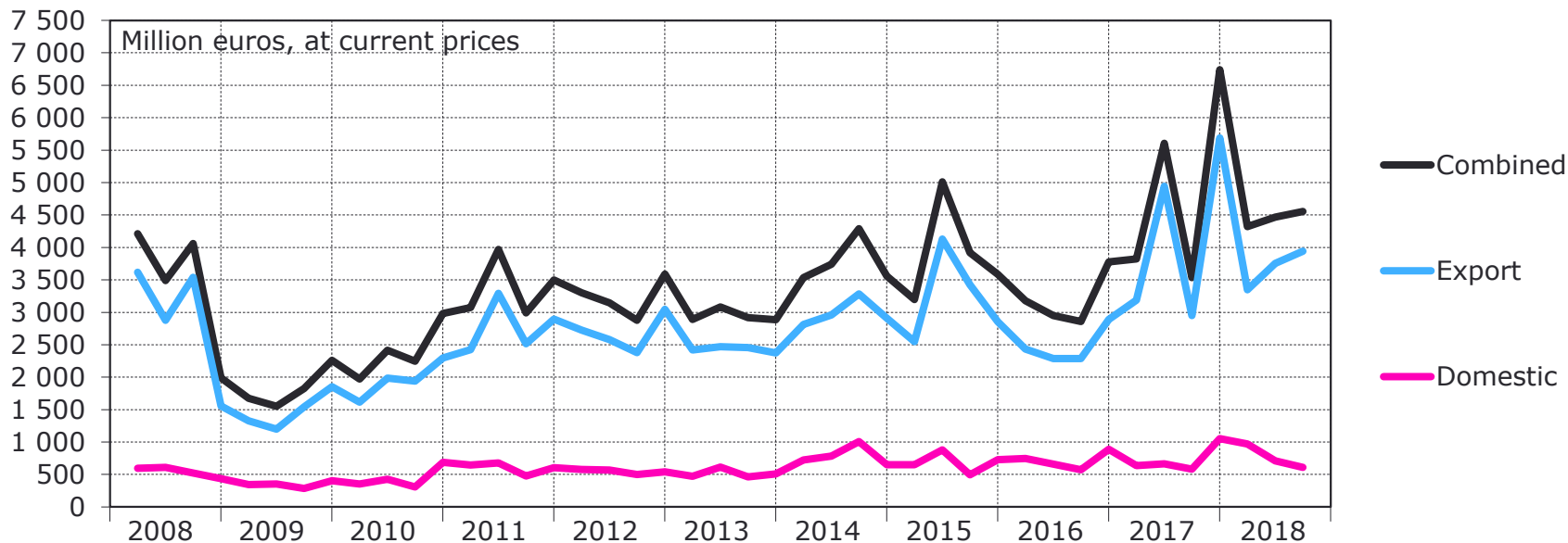
Change:	III, 18 / III,2017	III,2018 / II,2018
Export:	+18 %	+2 %
Domestic:	-10 %	+1 %
Combined:	+11 %	+1 %

# Value of Order Books in the Electronics and Electrotechnical Industry in Finland



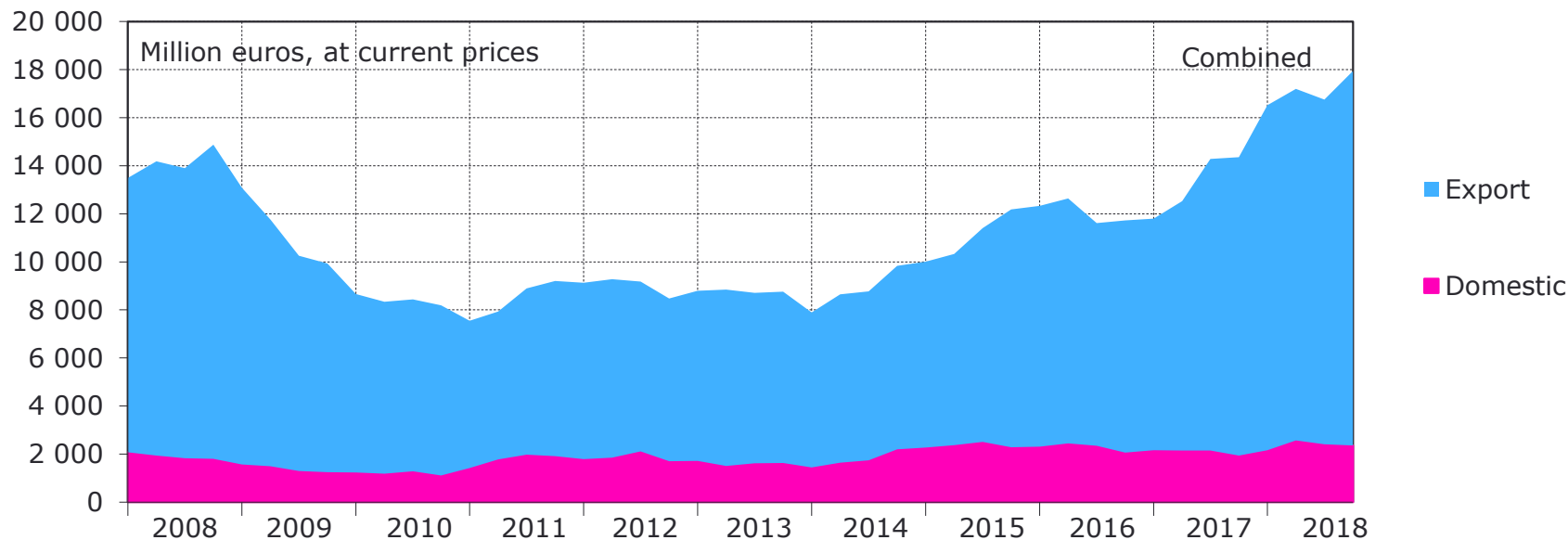
Change:	30.9.2018 / 30.9.2017	30.9.2018 / 30.6.2018
Export:	+12 %	+3 %
Domestic:	-8 %	+2 %
Combined:	+7 %	+3 %

# Value of New Orders in the Mechanical Engineering in Finland



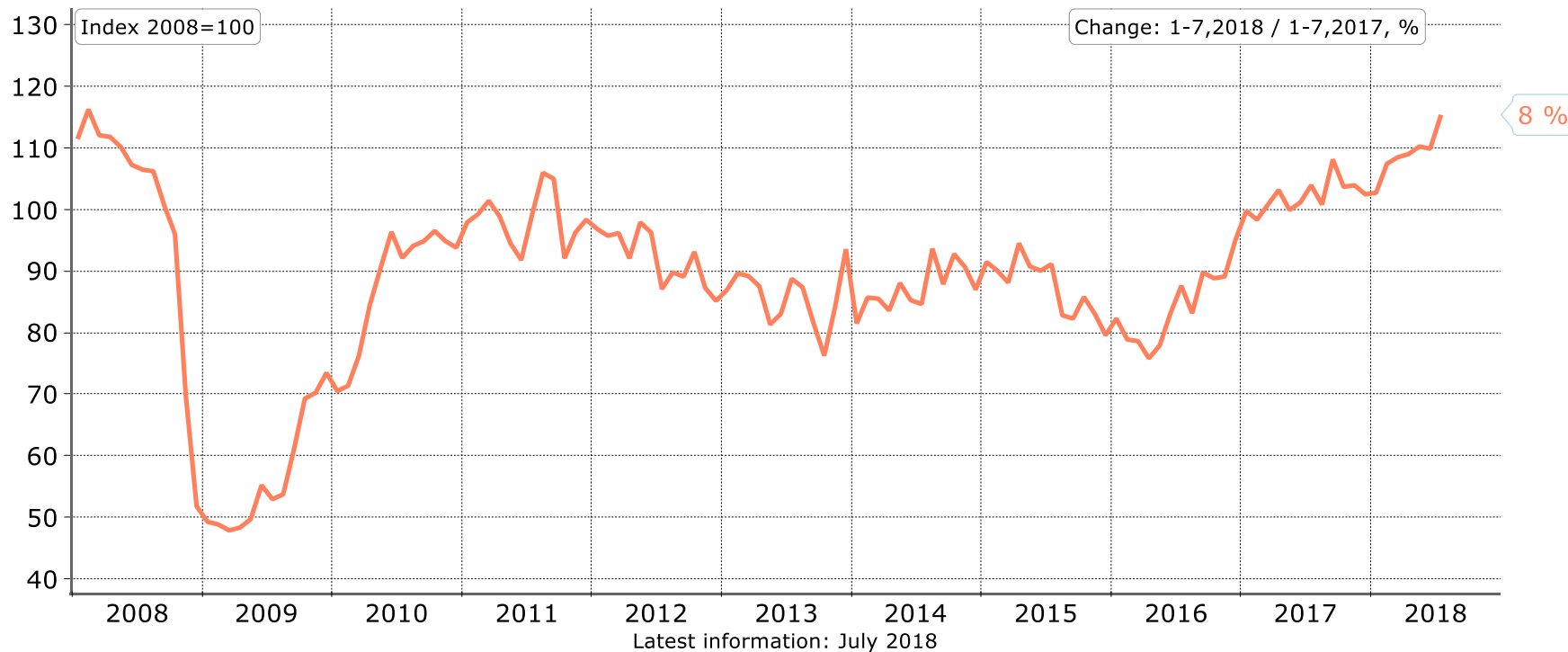
Change:	III,2018 / III,2017	III,2018 / II,2018
Export:	+34 %	+5 %
Domestic:	+5 %	-14 %
Combined:	+29 %	+2 %

# Value of Order Books in the Mechanical Engineering in Finland

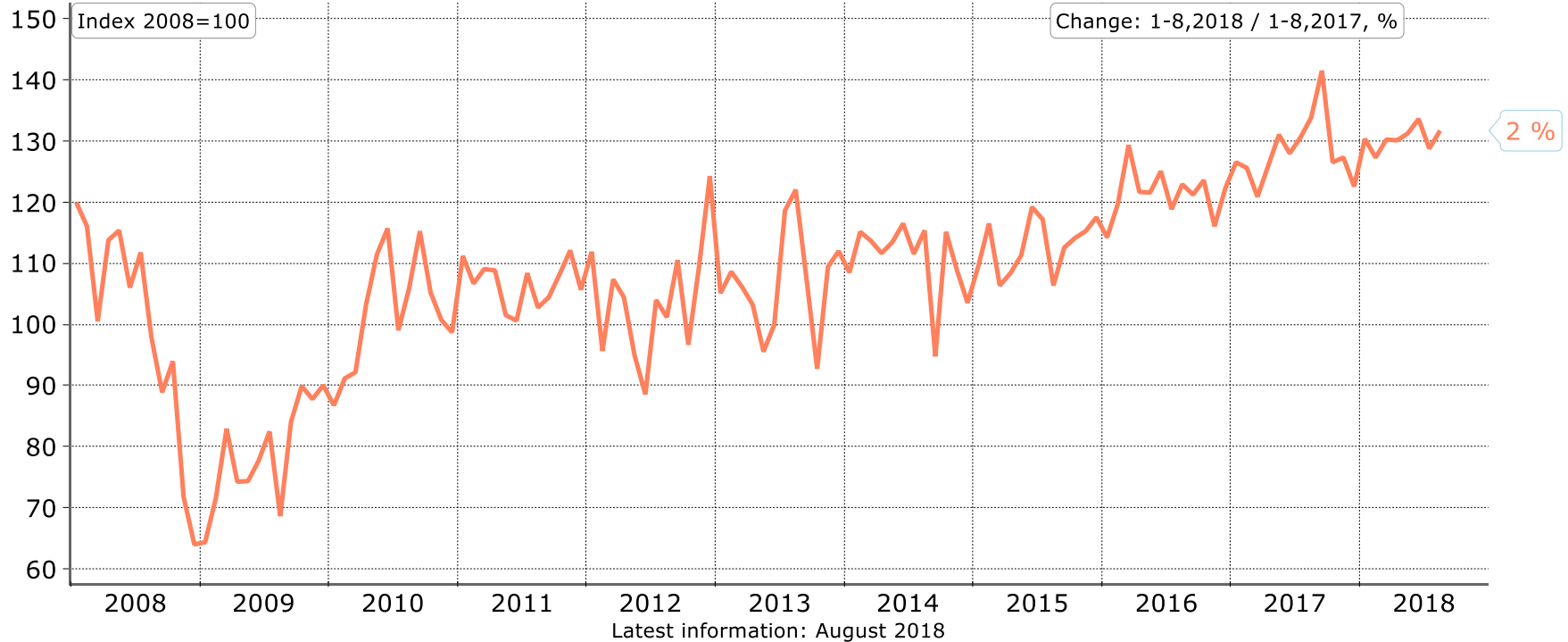


Change:	30.9.2018 / 30.9.2017	30.9.2018 / 30.6.2018
Export:	+26 %	+9 %
Domestic:	+22 %	-2 %
Combined:	+25 %	+7 %

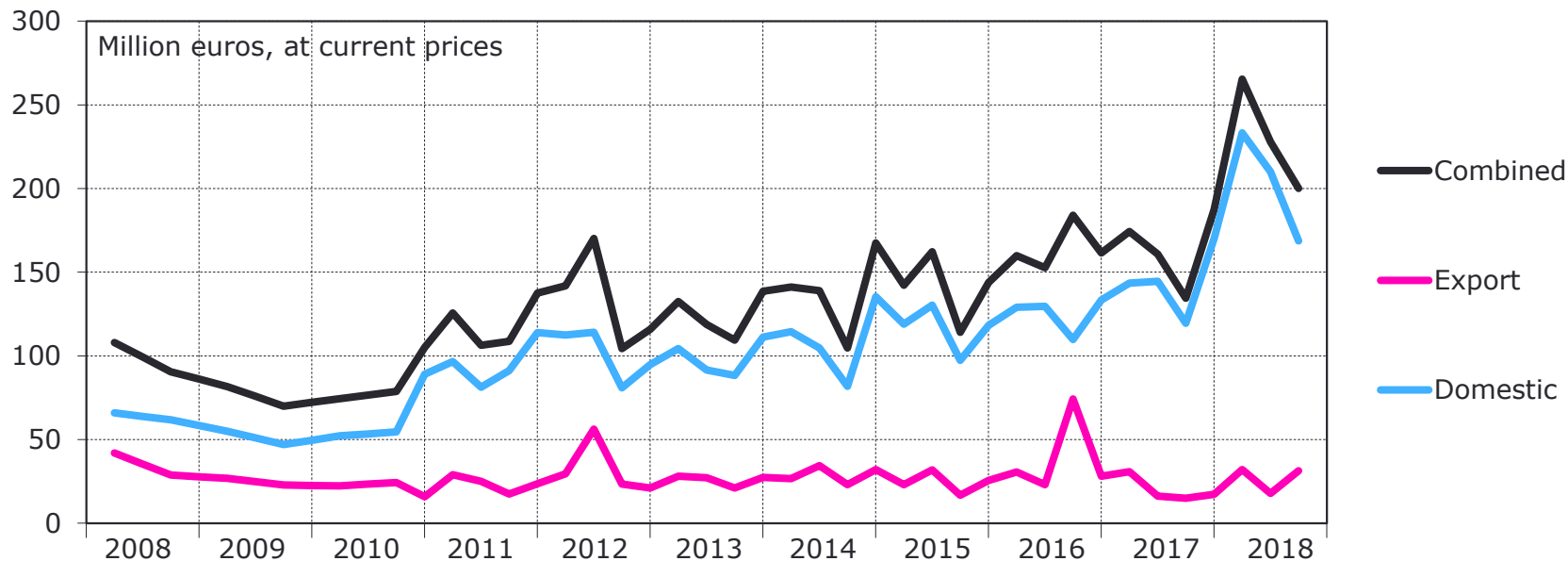
# Turnover of the Metals Industry in Finland



# Production Volume of the Metals Industry in Finland

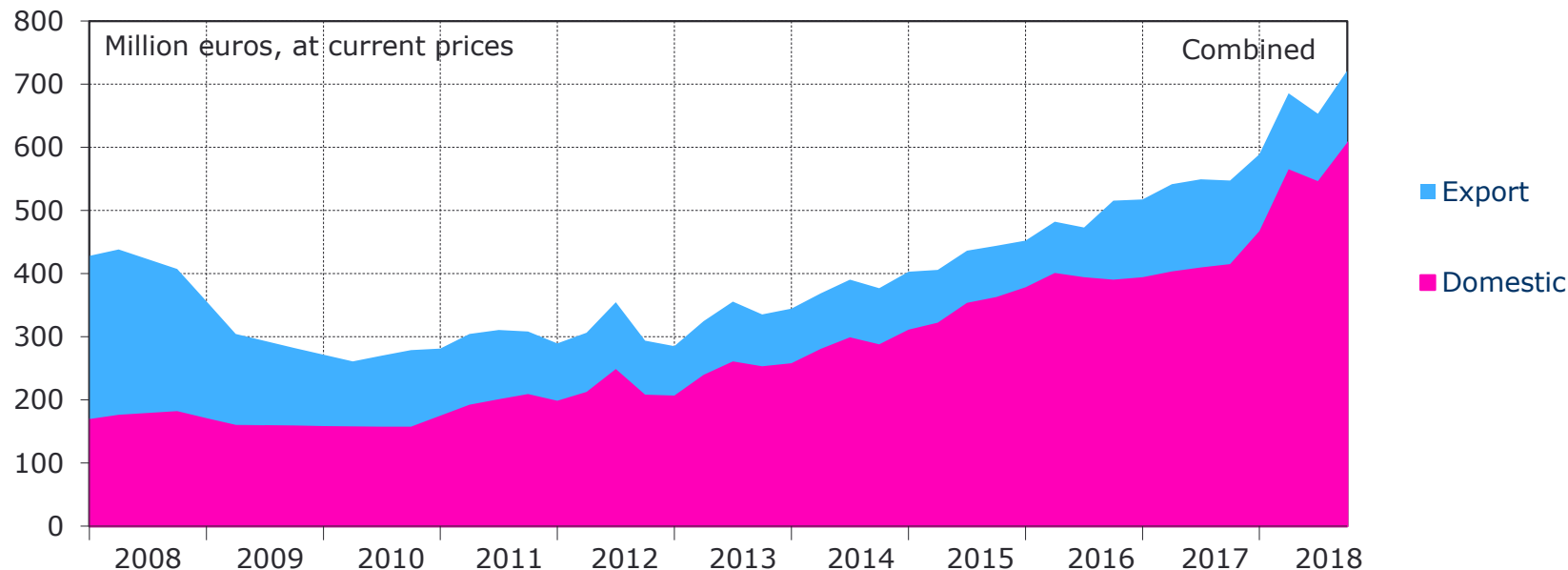


# Value of New Orders in the Consulting Engineering in Finland



Change:	III,2018 / III,2017	III,2018 / II,2018
Export:	+110 %	+77 %
Domestic:	+41 %	-20 %
Combined:	+49 %	-12 %

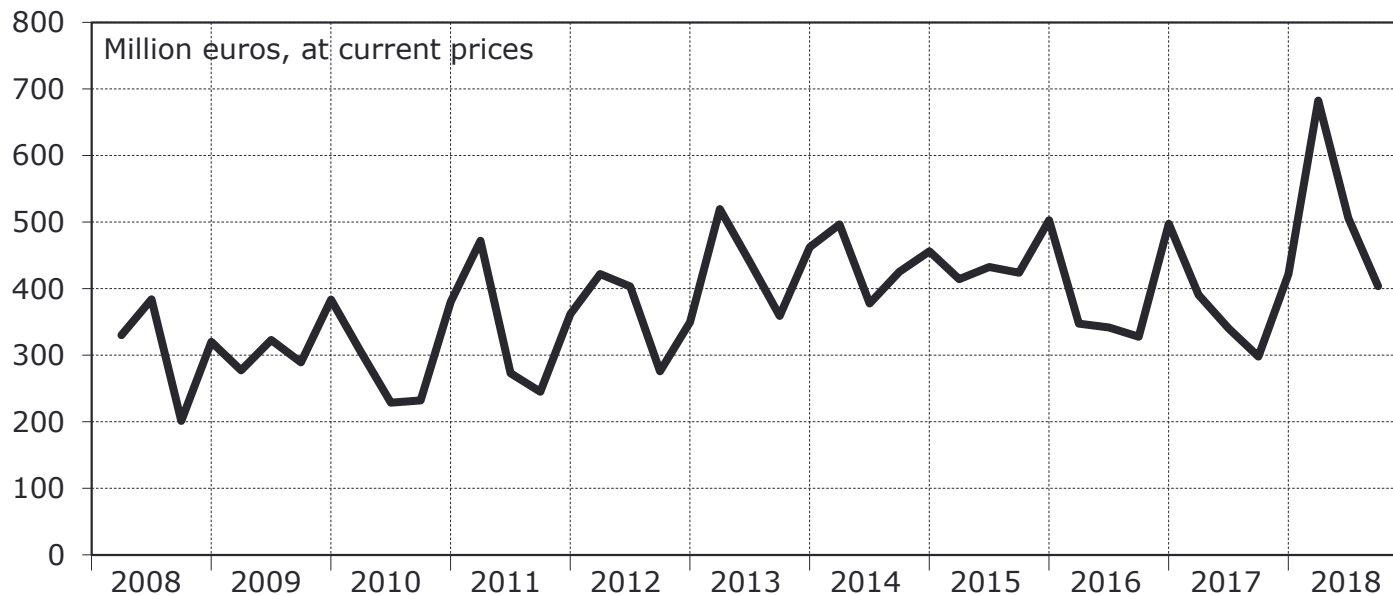
# Value of Order Books in the Consulting Engineering in Finland



Change:	30.9.2018 / 30.9.2017	30.9.2018 / 30.6.2018
Export:	-14 %	+7 %
Domestic:	+46 %	+11 %
Combined:	+32 %	+11 %



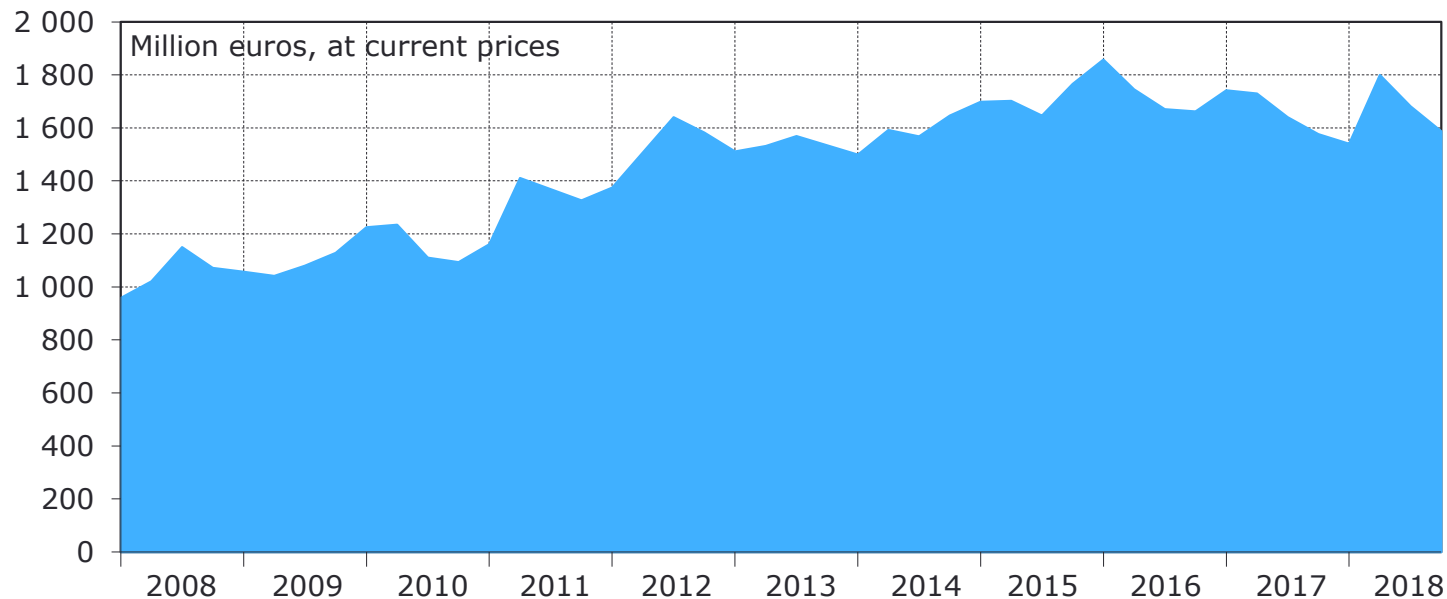
# Value of New Orders in the Information Technology\* in Finland



Change:	III,2018 / III,2017	III,2018 / II,2018
Combined:	+35 %	-20 %

\*) Excl. game industry and data center companies

# Value of Order Books in the Information Technology\* in Finland



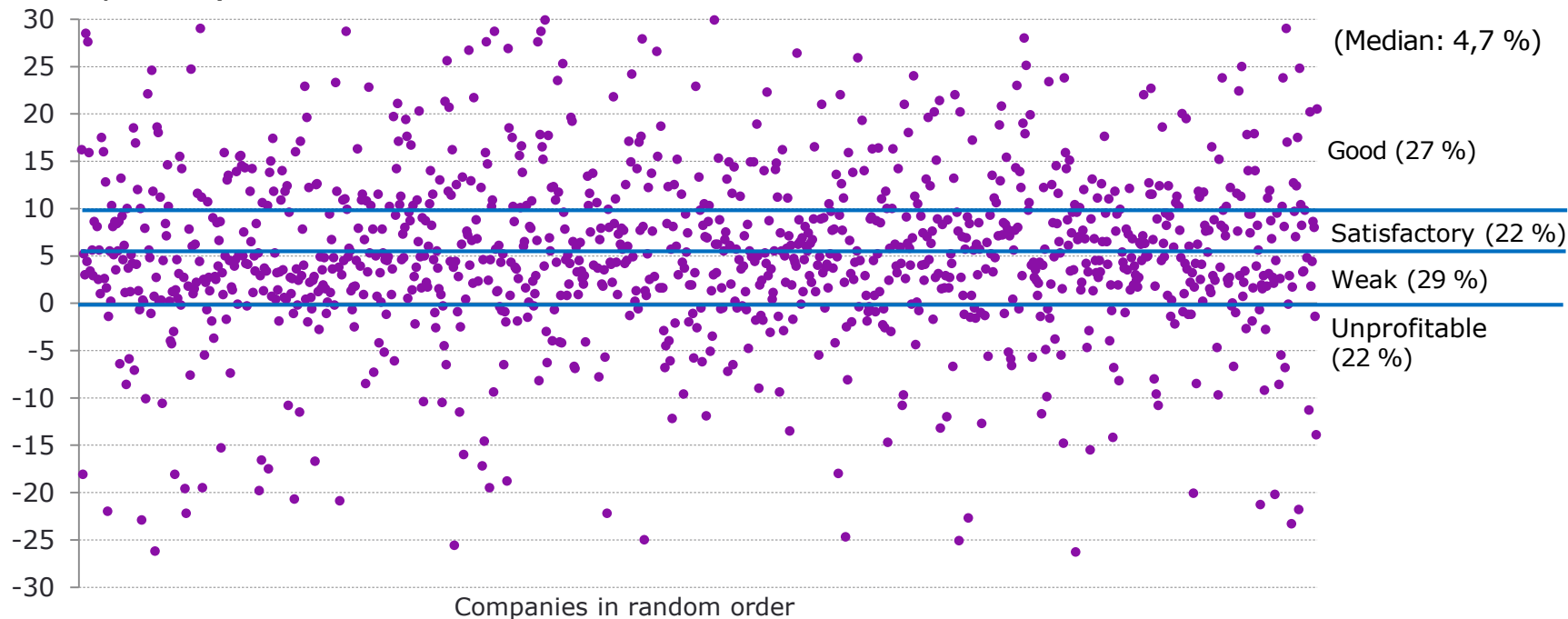
Change:	30.9.2018 / 30.9.2017	30.9.2018 / 30.6.2018
Combined:	+1 %	-6 %

\*) Excl. game industry and data center companies.

# Operating Profit in the Member Companies of Technology Industries of Finland in 2017



Operating profit-% = operating result / turnover \* 100 (before taxes and financial income and expenses)



# Net Profit in the Member Companies of Technology Industries of Finland in 2017

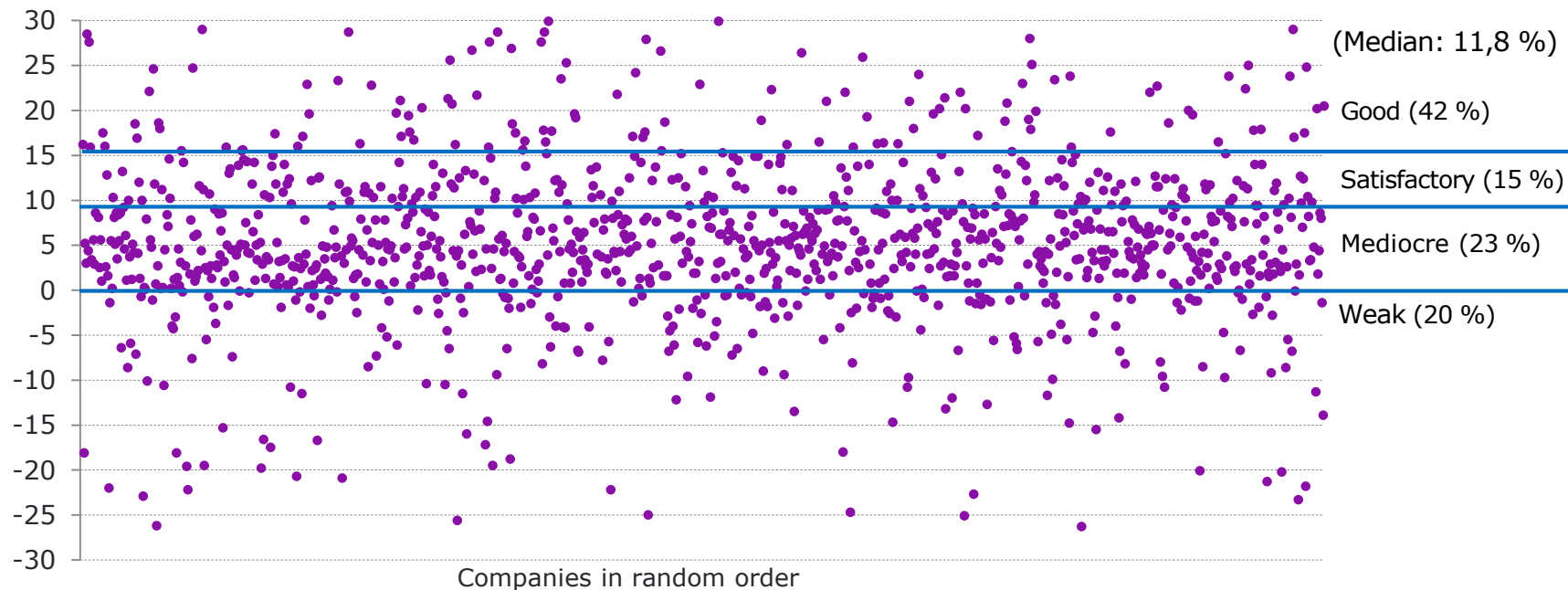


Net profit -% = net profit / turnover \* 100 (after tax and financial income and expenses)



# Return on Assets in the Member Companies of Technology Industries of Finland in 2017

Return on assets -% = (net income + financial expenses + taxes) / (capital invested in the financial year) \* 100



# Equity Ratio in the Member Companies of Technology Industries of Finland in 2017



Equity ratio -% = (total equity + total appropriations accrued) / adjusted balance sheet \* 100

