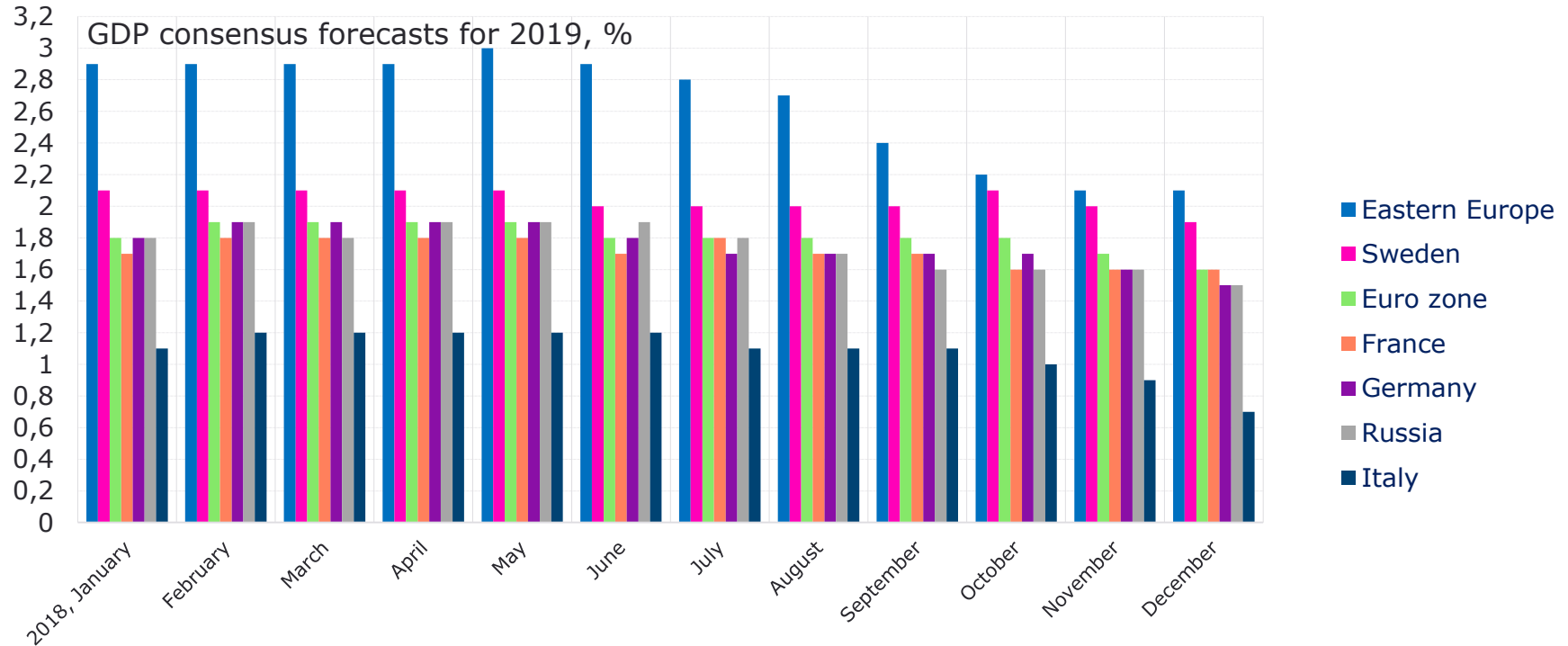
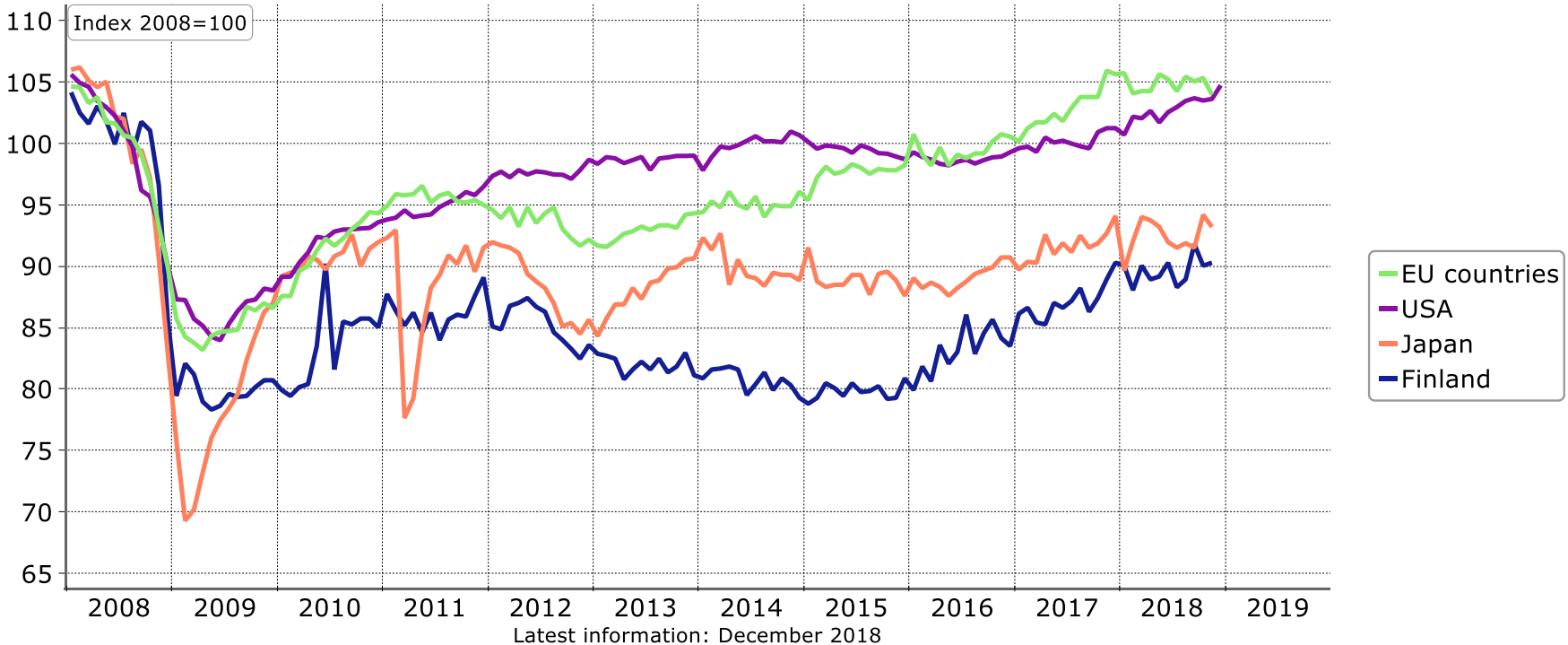


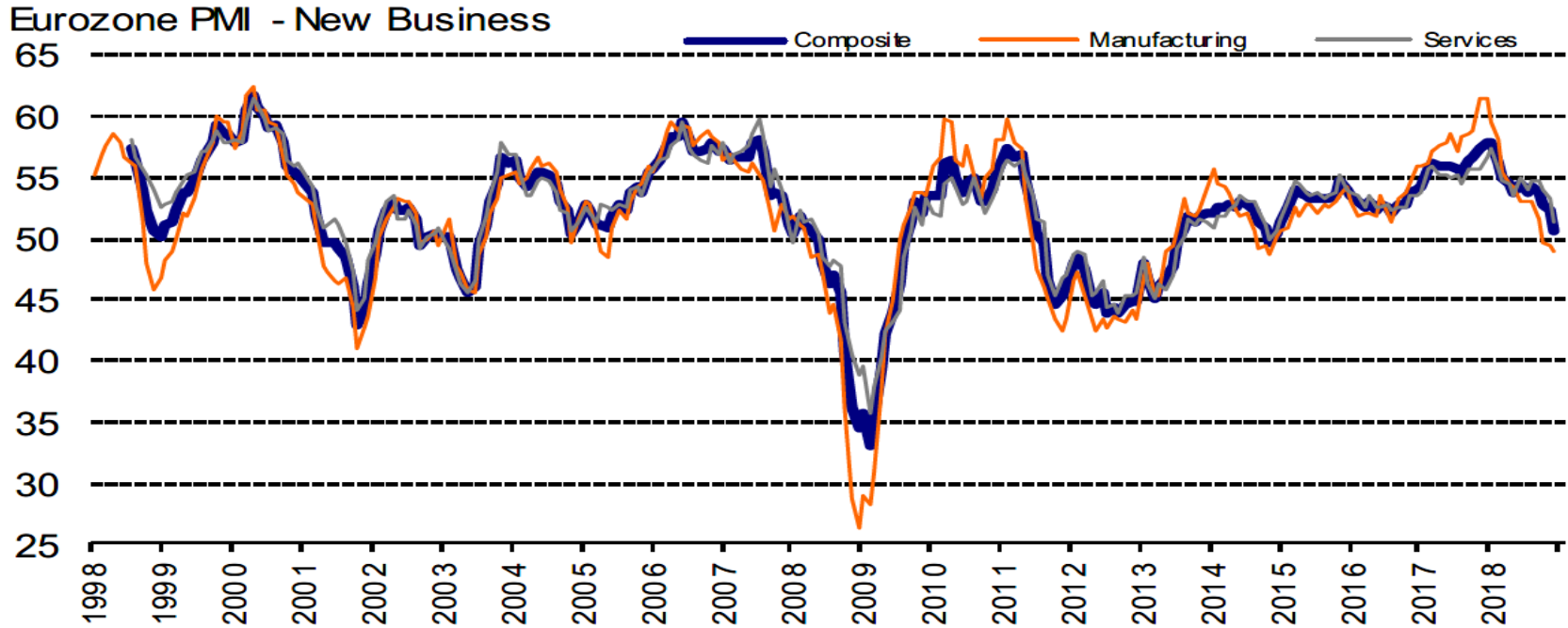
GDP Growth Forecasts for 2019 Have Been Weakened in Recent Months



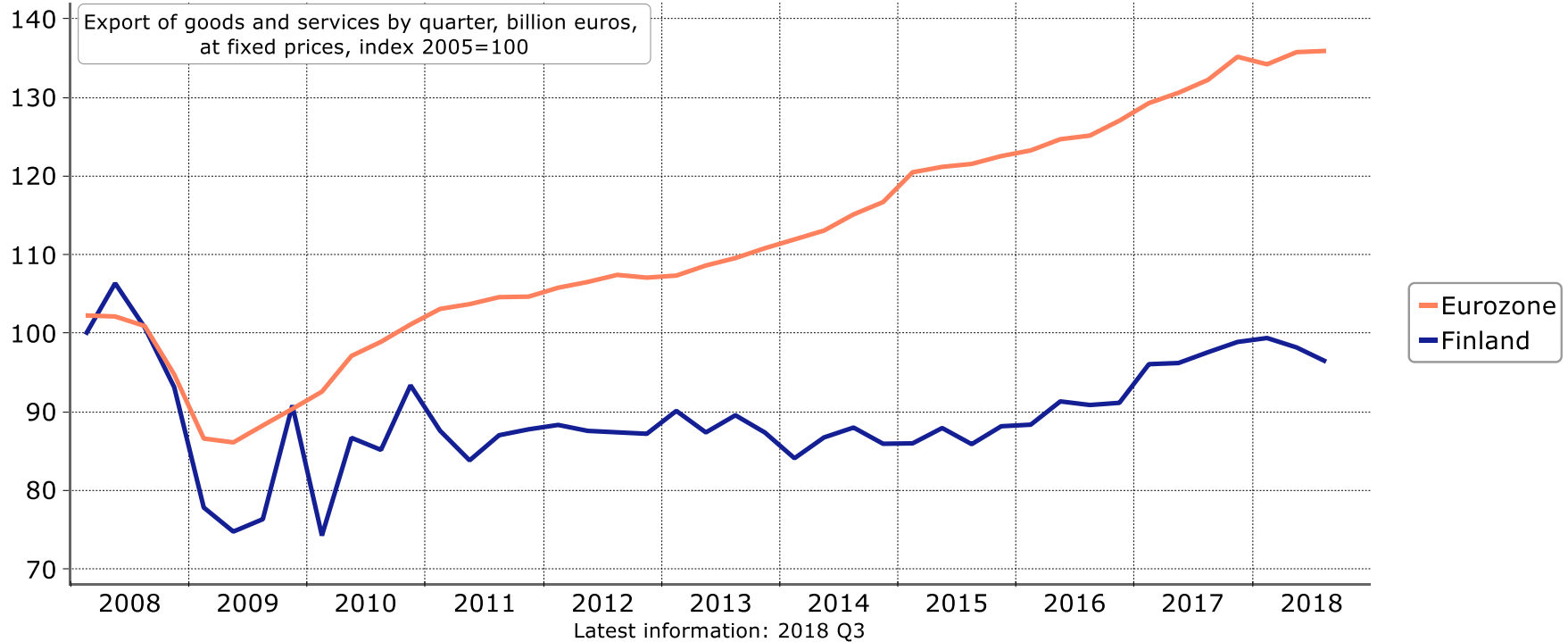
Industrial Output Growth in the EU Countries Stopped already in 2018



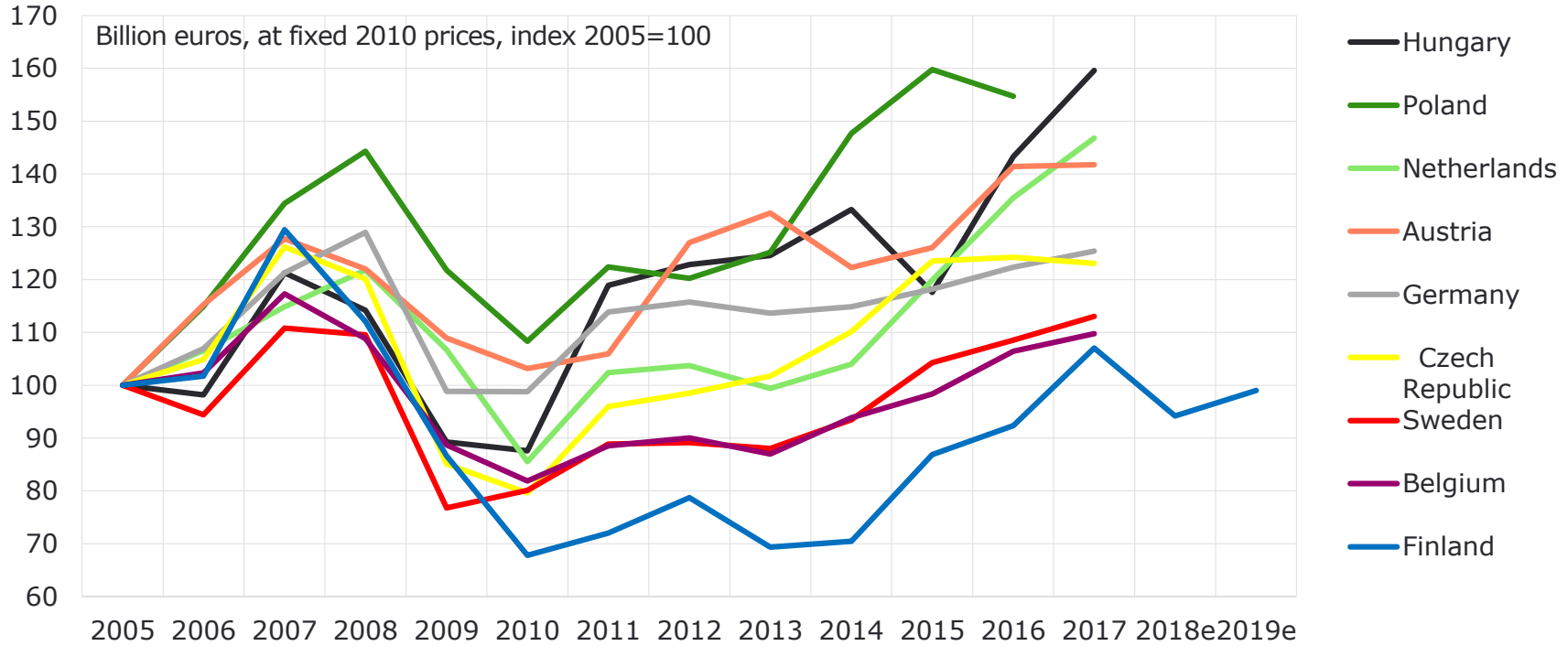
New Orders in the Manufacturing Industry in the Euro Area Declined Towards the End of 2018, Services Come after



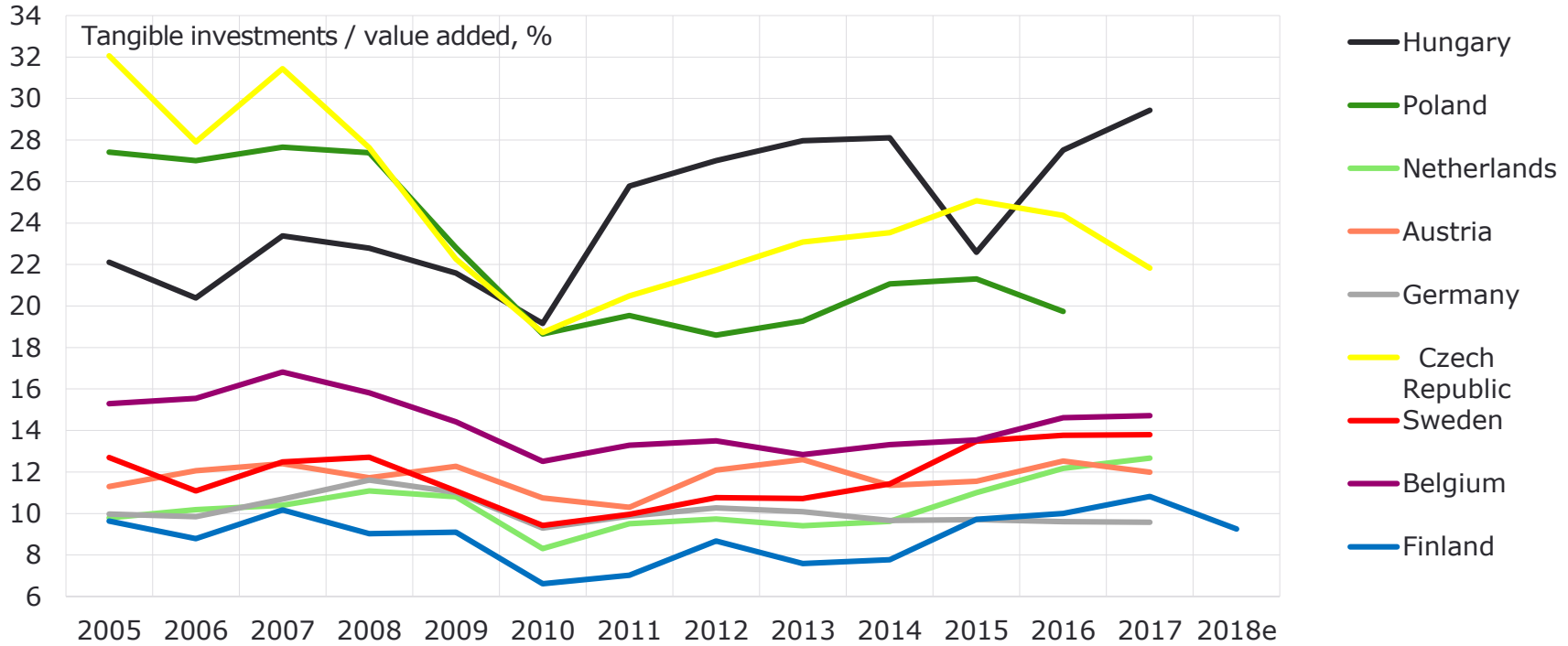
Finland's Export Growth Ended in 2018, with a 40% Growth Gap Compared to Euro Area



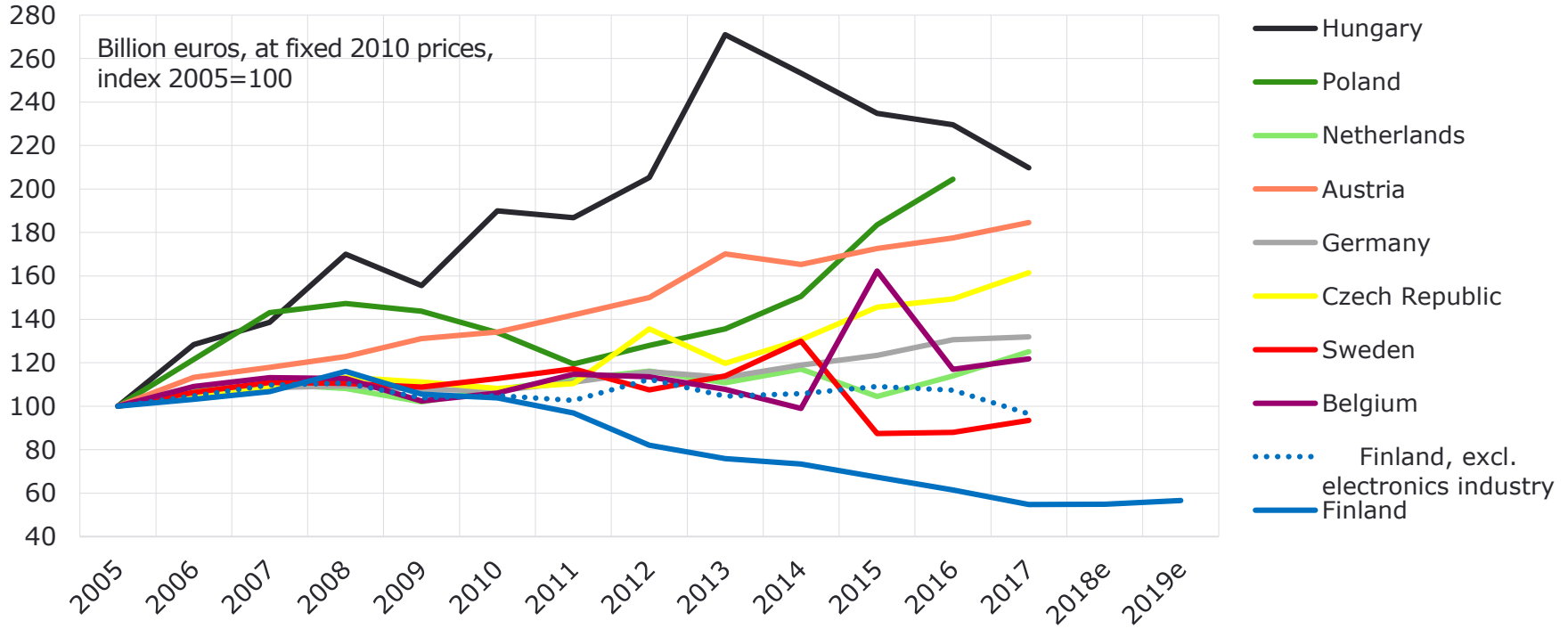
Industrial Fixed (Tangible) Investment Growth in Finland Has Lagged behind that of Competitors



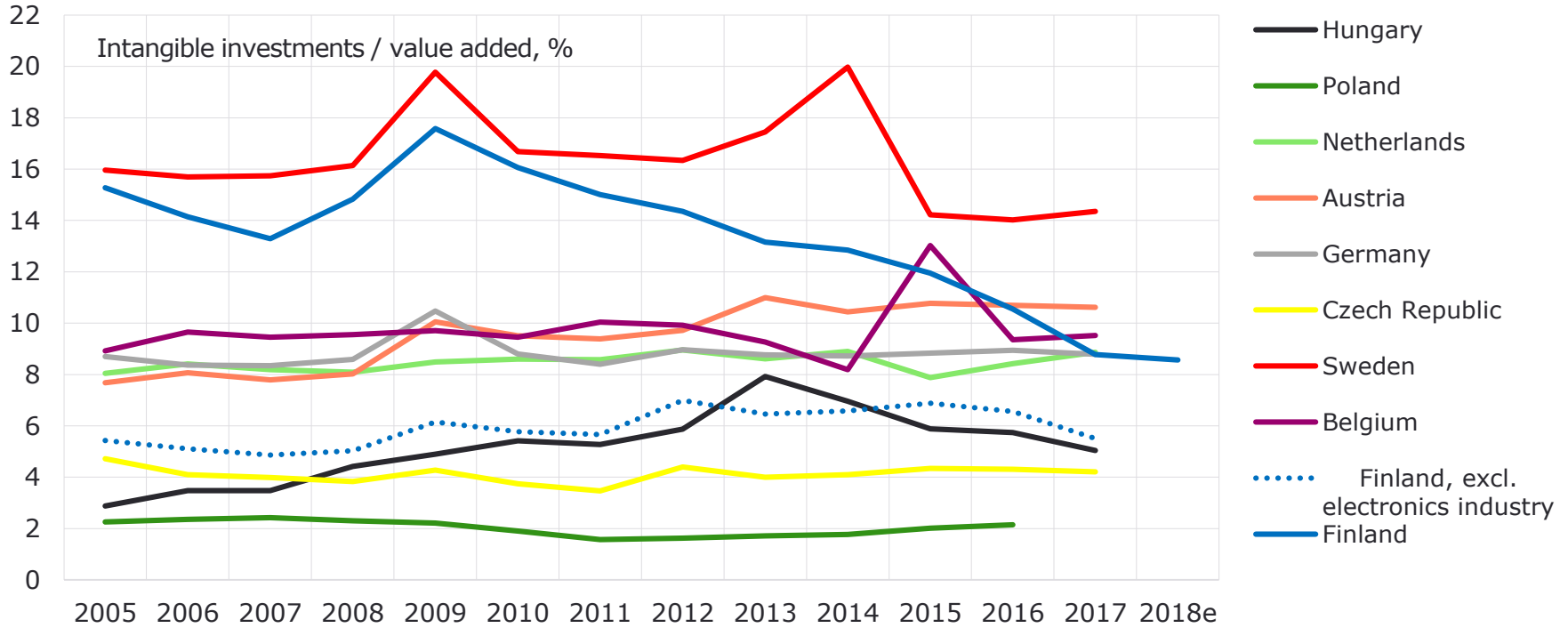
Investment Rate in Industrial Fixed Investments Is at a Low Level in Finland



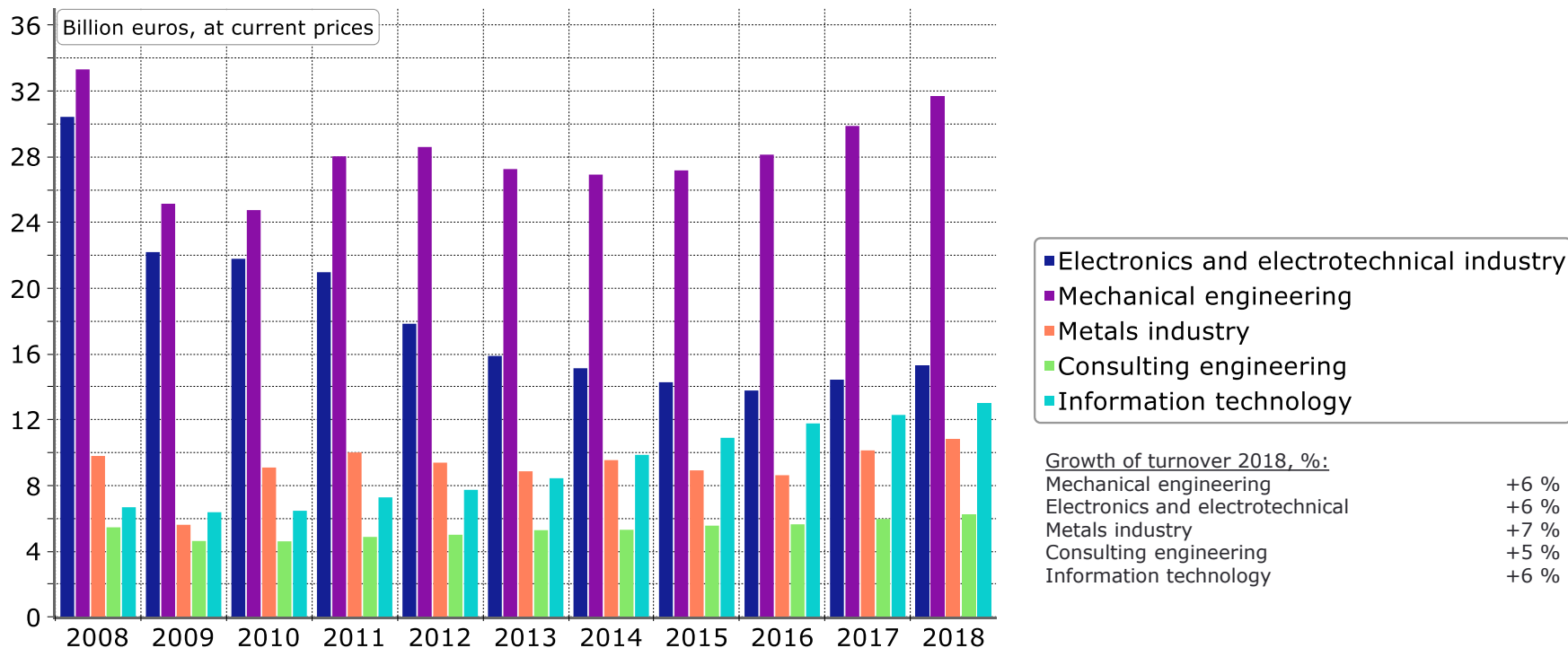
Industrial Intangible Investments * in Finland Have almost Halved since 2005



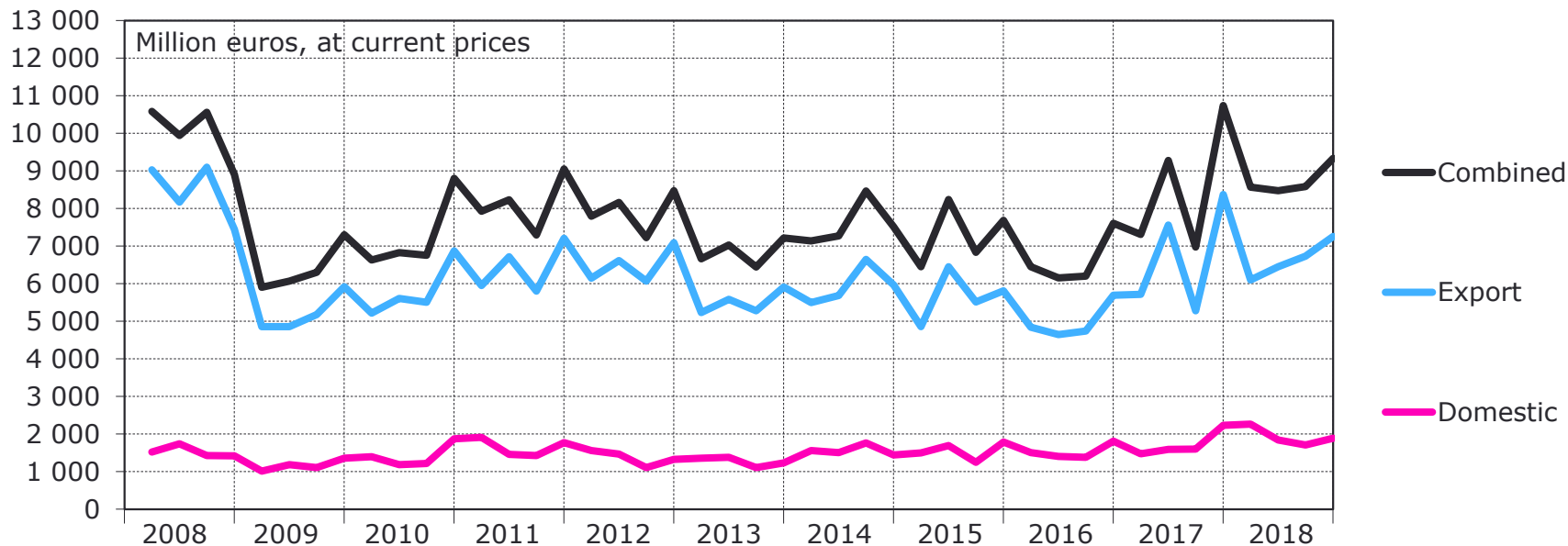
Investment Rate of Industrial Intangible Investments* Has Dropped Significantly in Finland



Turnover of Technology Industry in Finland Increased by 6% in 2018, to EUR 77 Billion



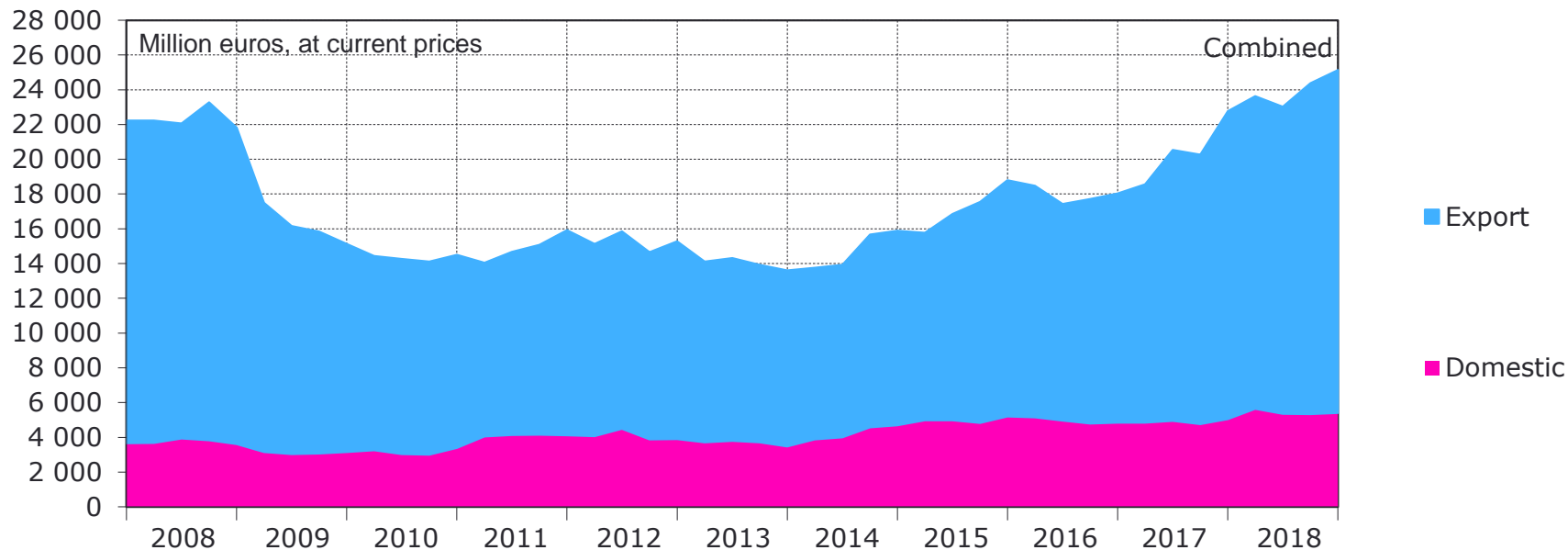
Value of New Orders in the Technology Industry* in Finland



Change:	IV,2018 / IV,2017	IV,2018 / III,2018
Export:	-13 %	+8 %
Domestic:	-15 %	+11 %
Combined:	-13 %	+9 %

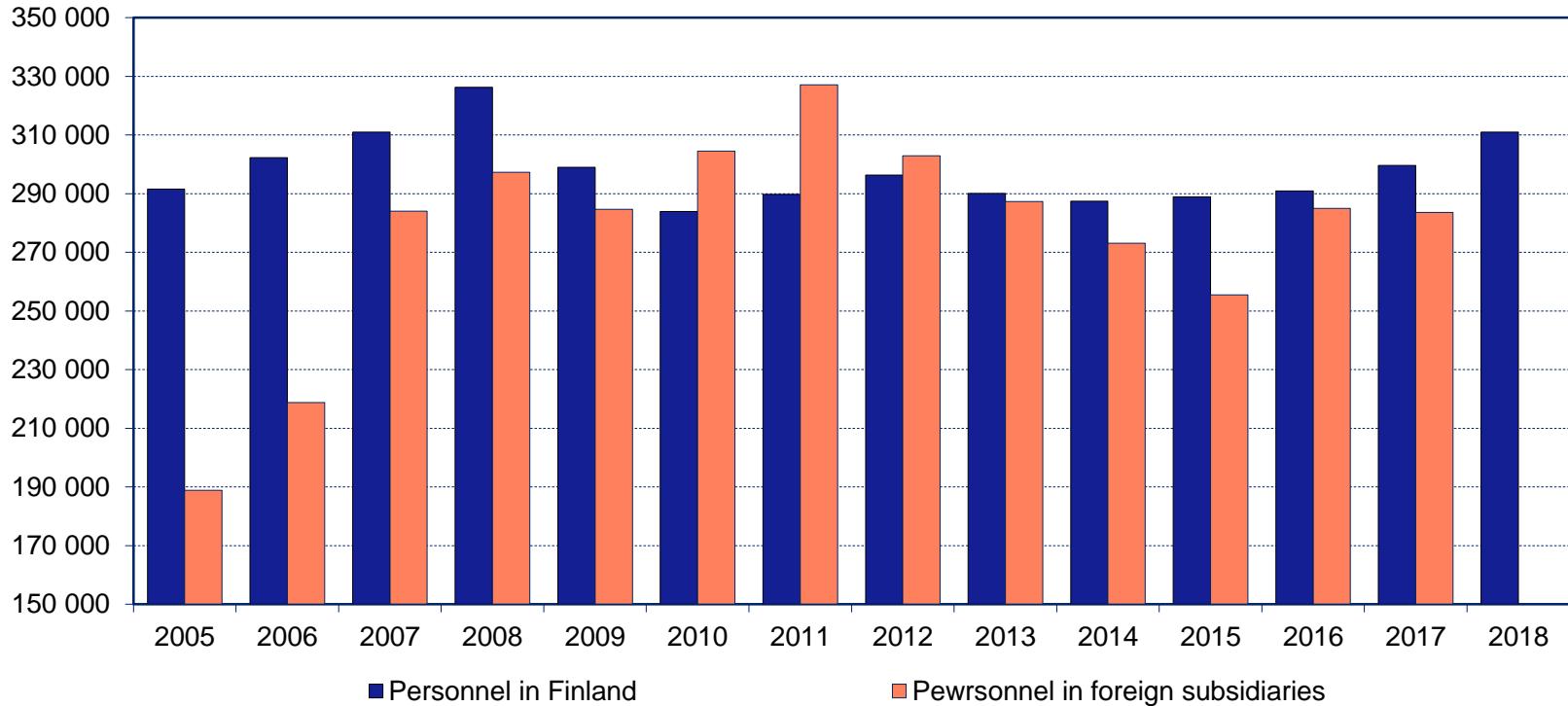
*) Excl. metals industry, game industry and data center companies

Value of Order Books in the Technology Industry* in Finland

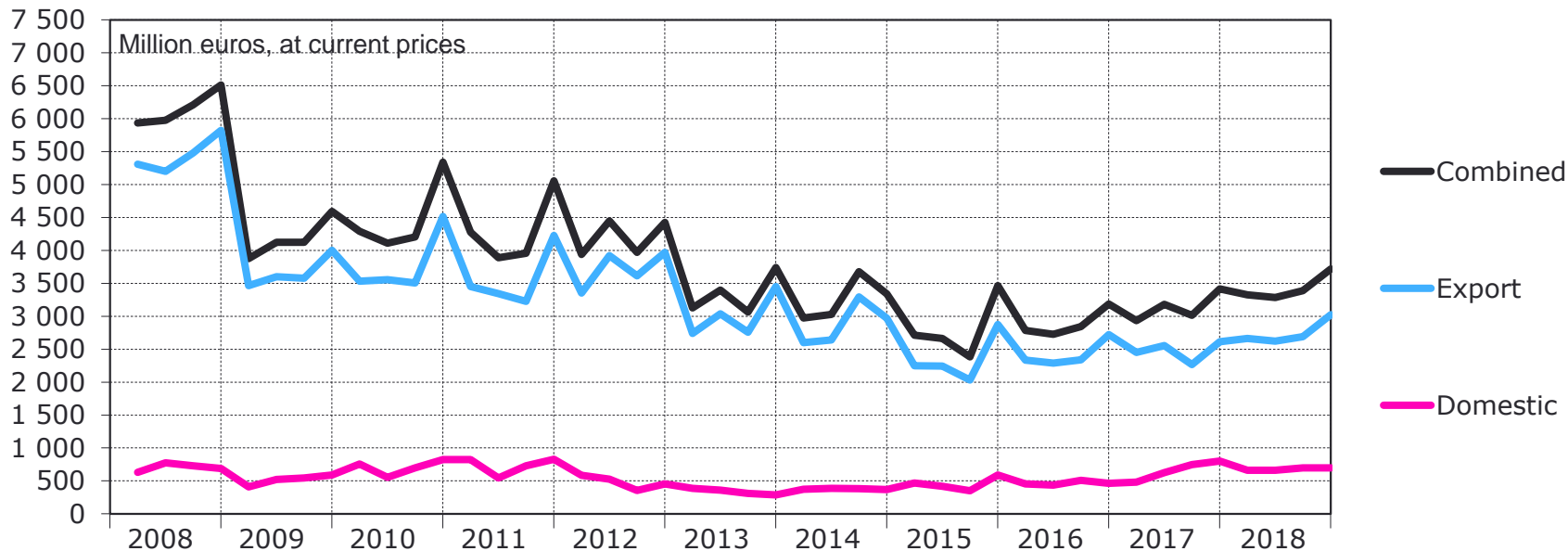


Change:	31.12.2018 / 31.12.2017	31.12.2018 / 30.9.2018	
Export:	+11 %	+4 %	*) Excl. metals industry, game industry and data center companies
Domestic:	+7 %	+1 %	
Domestic:	+10 %	+3 %	

Technology Industry Personnel in Finland and Abroad

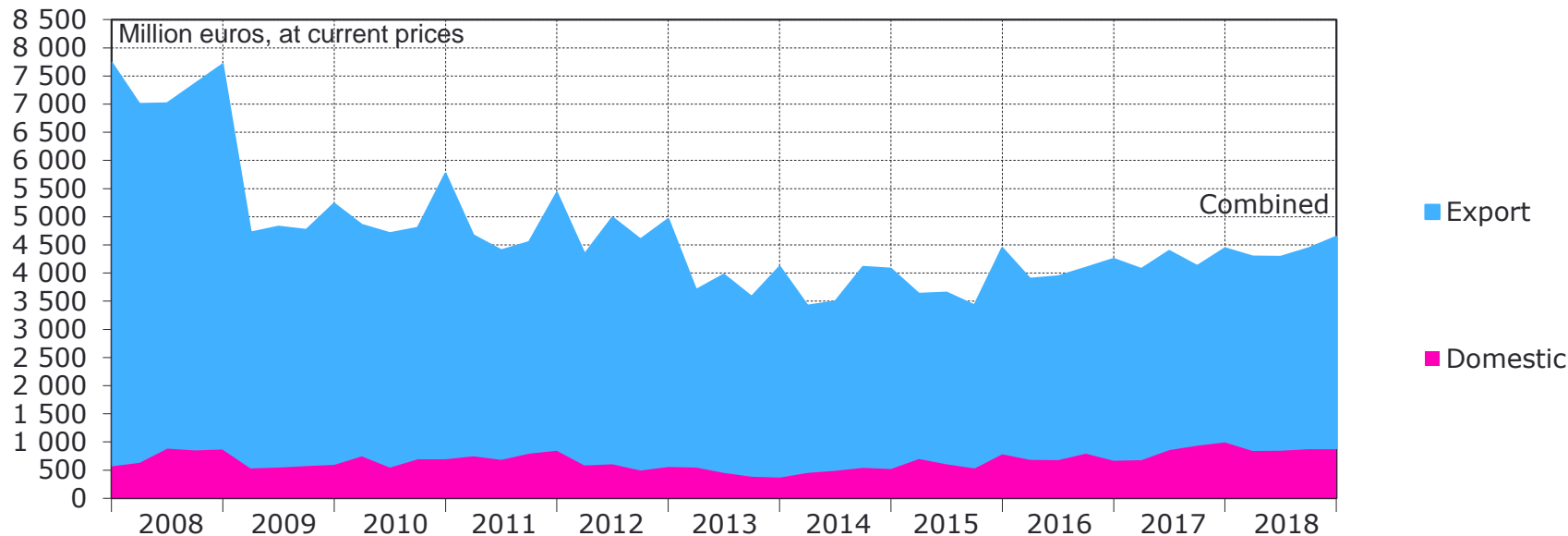


Value of New Orders in the Electronics and Electrotechnical Industry in Finland



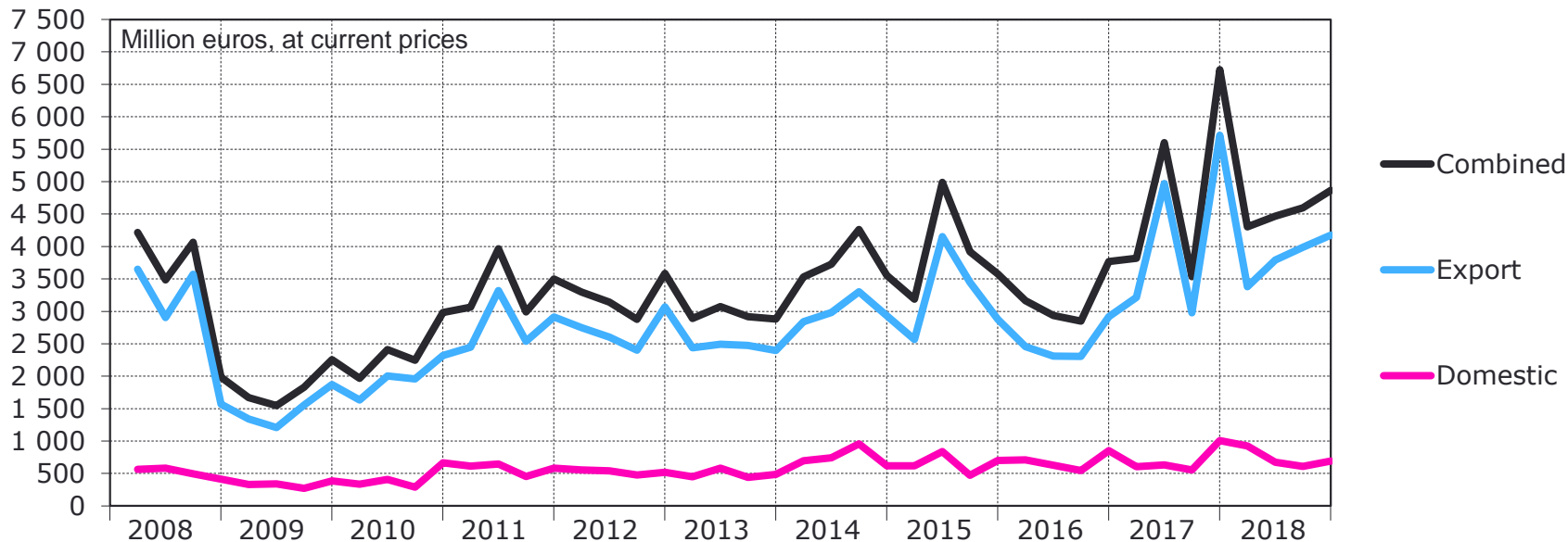
Change:	IV,2018 / IV,2017	IV,2018 / III,2018
Export:	+16 %	+12 %
Domestic:	-13 %	0 %
Combined:	+9 %	+10 %

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



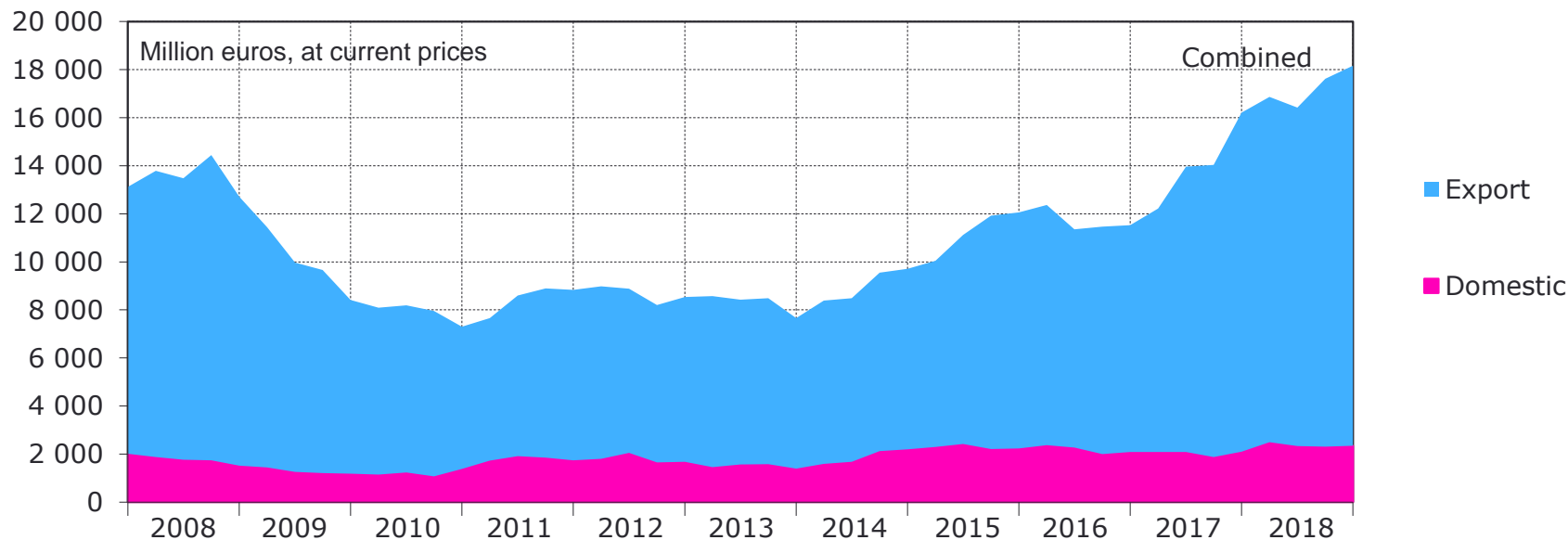
Change:	31.12.2018 / 31.12.2017	31.12.2018 / 30.9.2018
Export:	+9 %	+6 %
Domestic:	-12 %	0 %
Combined:	+5 %	+5 %

Value of New Orders in the Mechanical Engineering in Finland



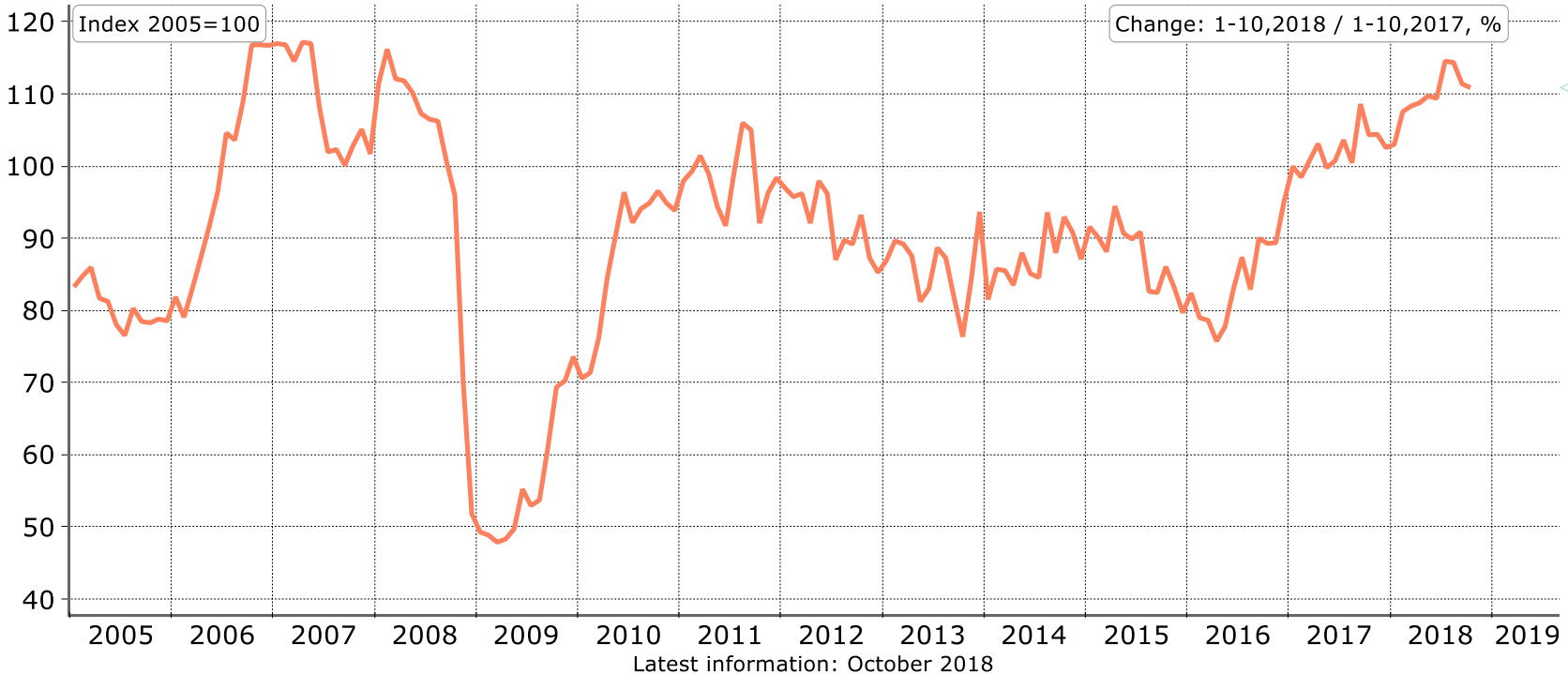
Change:	IV,2018 / IV,2017	IV,2018 / III,2018
Export:	-27 %	+5 %
Domestic:	-32 %	+14 %
Combined:	-28 %	+6 %

Value of Order Books in the Mechanical Engineering in Finland

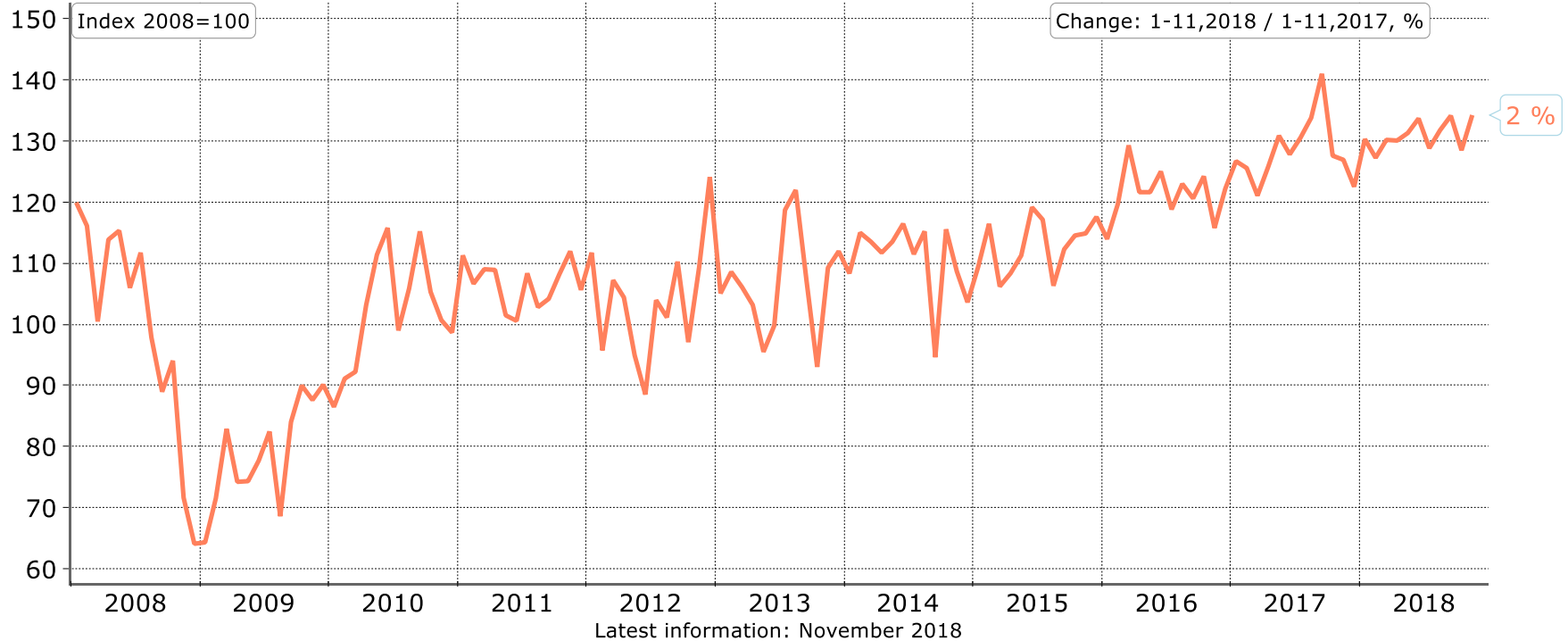


Change:	31.12.2018 / 31.12.2017	31.12.2018 / 30.9.2018
Export:	+12 %	+3 %
Domestic:	+12 %	+2 %
Combined:	+12 %	+3 %

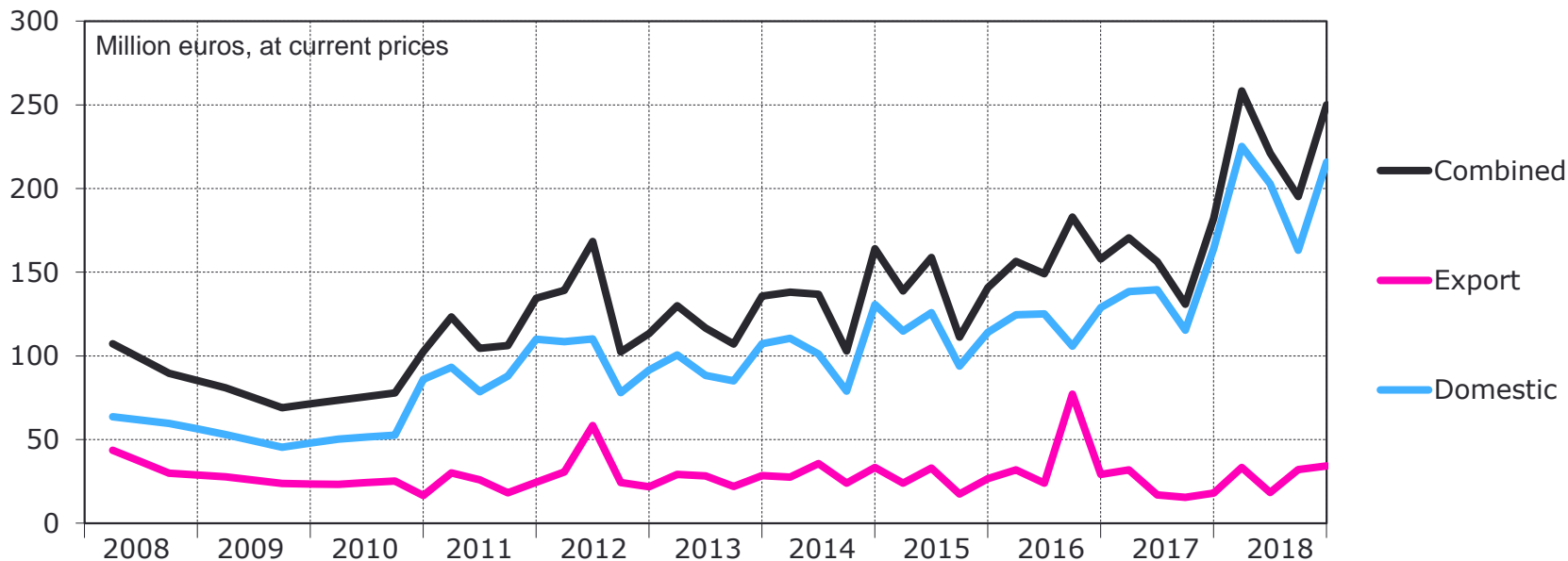
Turnover of the Metals Industry in Finland



Production Volume of the Metals Industry in Finland

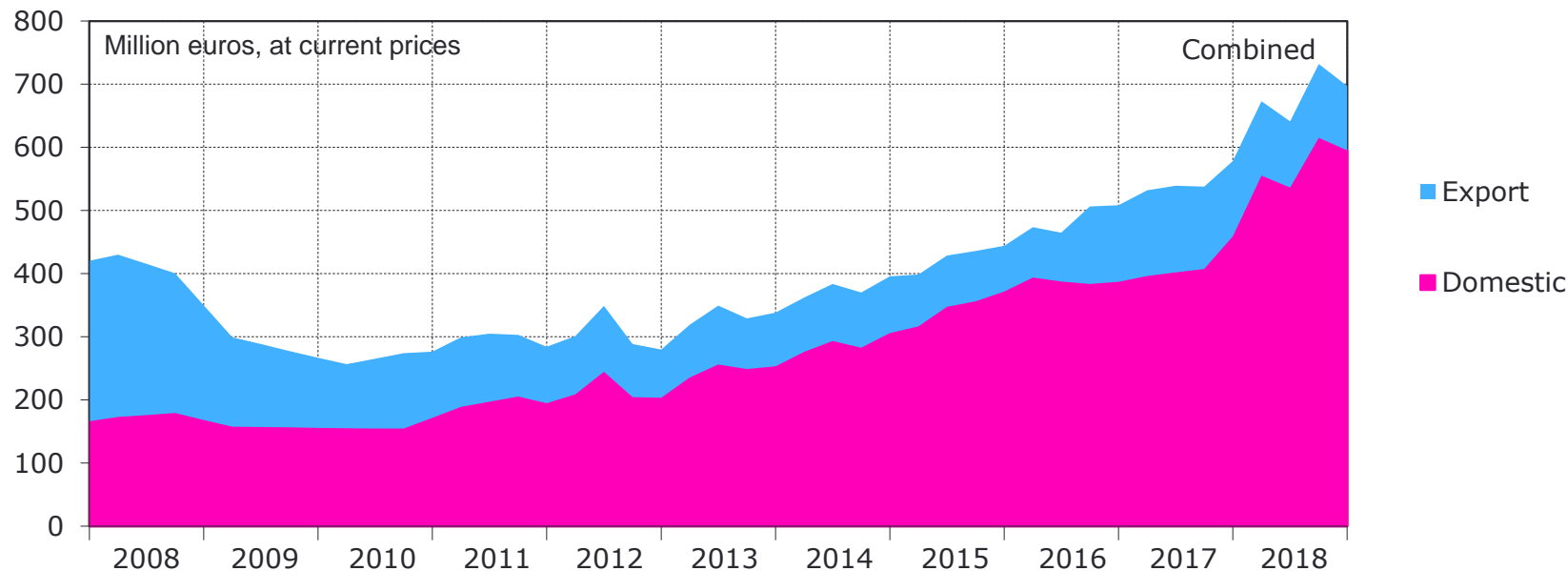


Value of New Orders in the Consulting Engineering in Finland



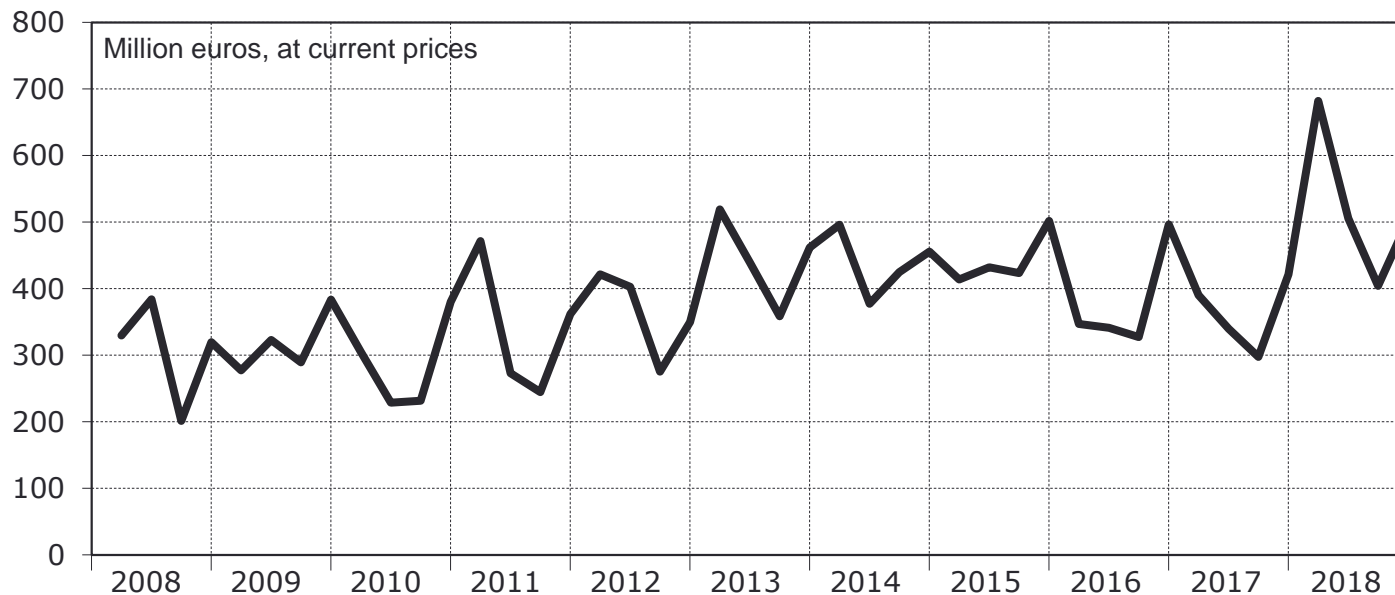
Change:	IV,2018 / IV,2017	IV,2018 / III,2018
Export:	+90 %	+7 %
Domestic:	+31 %	+32 %
Combined:	+37 %	+28 %

Value of Order Books in the Consulting Engineering in Finland



Change:	31.12.2018 / 31.12.2017	31.12.2018 / 30.9.2018
Export:	-15 %	-13 %
Domestic:	+30 %	-3 %
Combined:	+21 %	-5 %

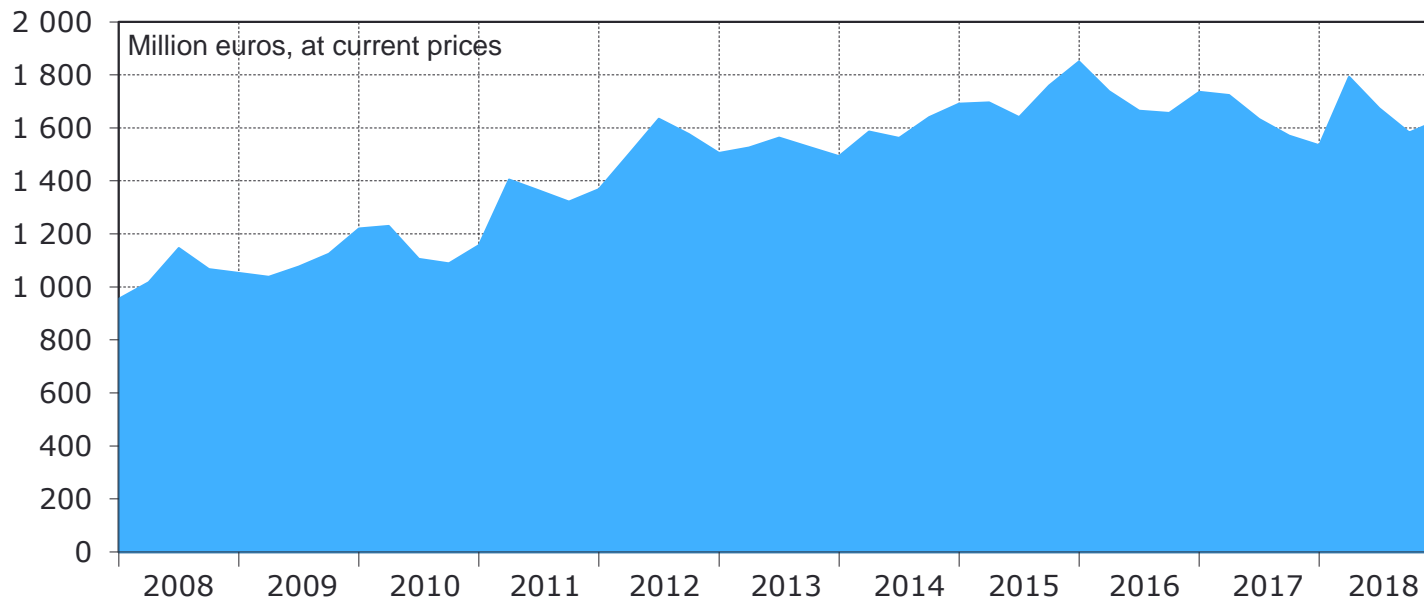
Value of New Orders in the Information Technology* in Finland



Change:	IV,2018 / IV,2017	IV,2018 / III,2018
Combined:	+20 %	+25 %

*) Excl. game industry and data center companies

Value of Order Books in the Information Technology* in Finland



Change:	31.12.2018 / 31.12.2017	31.12.2018 / 30.9.2018
Combined:	+6 %	+3 %

*) Excl. game industry and data center companies