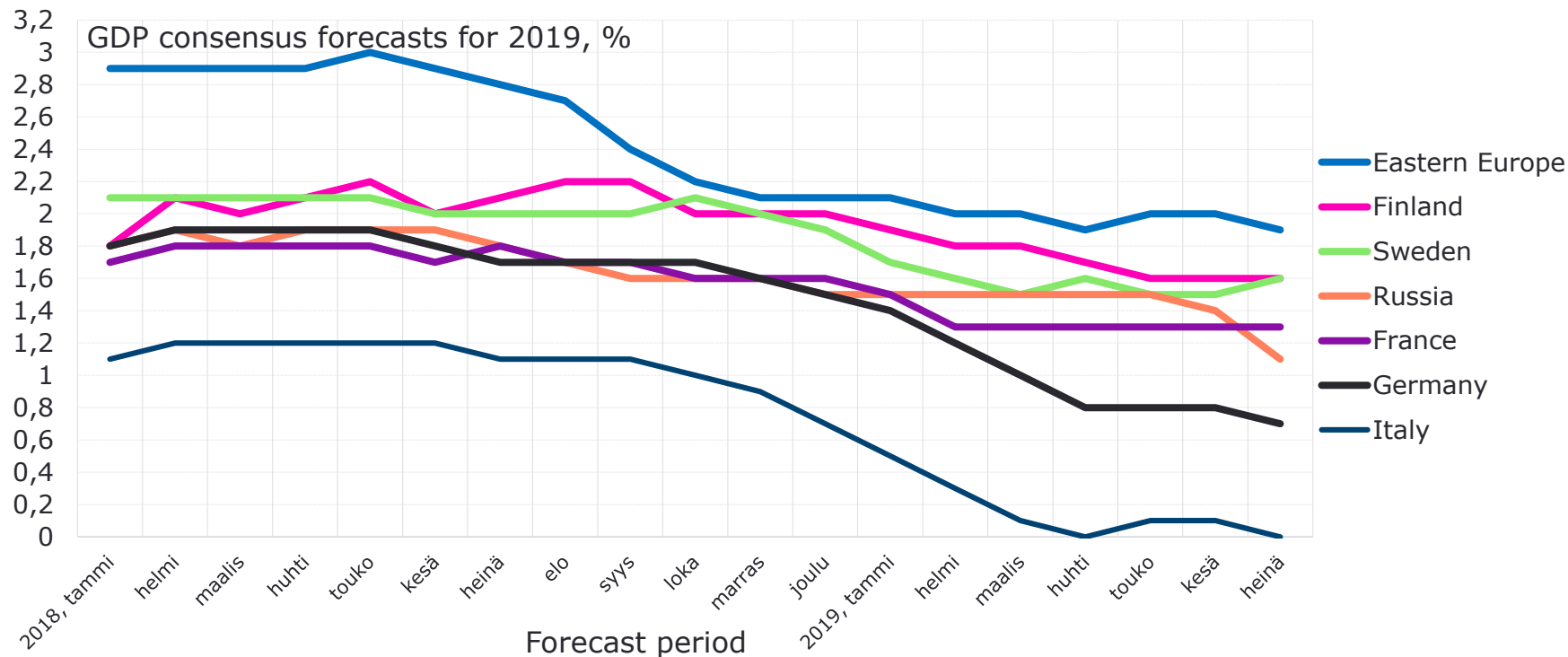
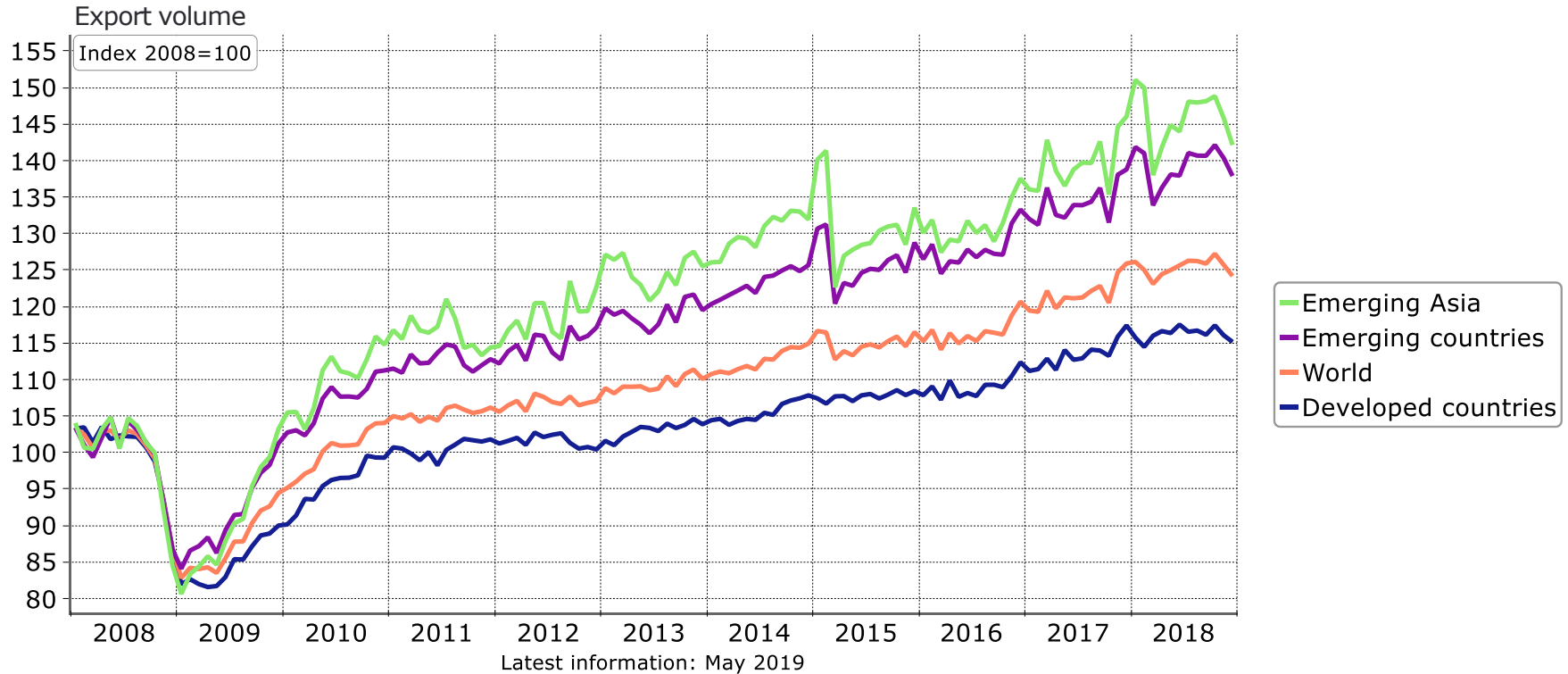


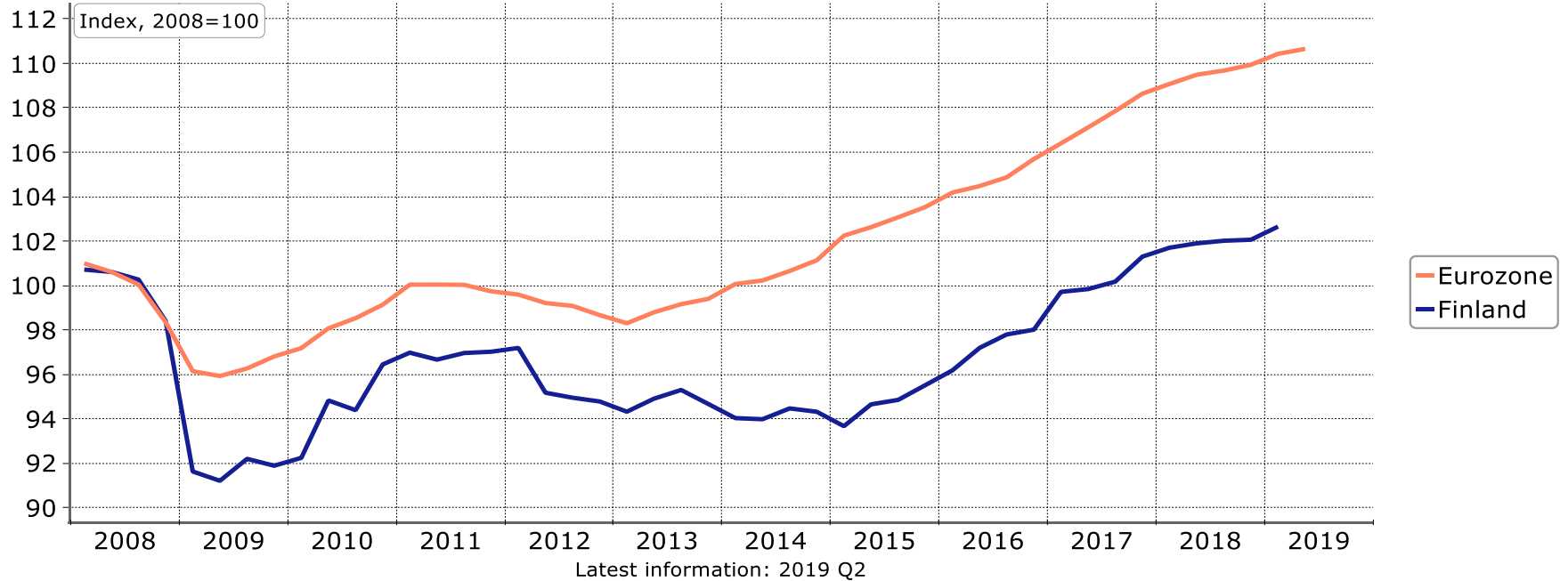
GDP Growth Forecasts for 2019 Have Been Weakened in Recent Months



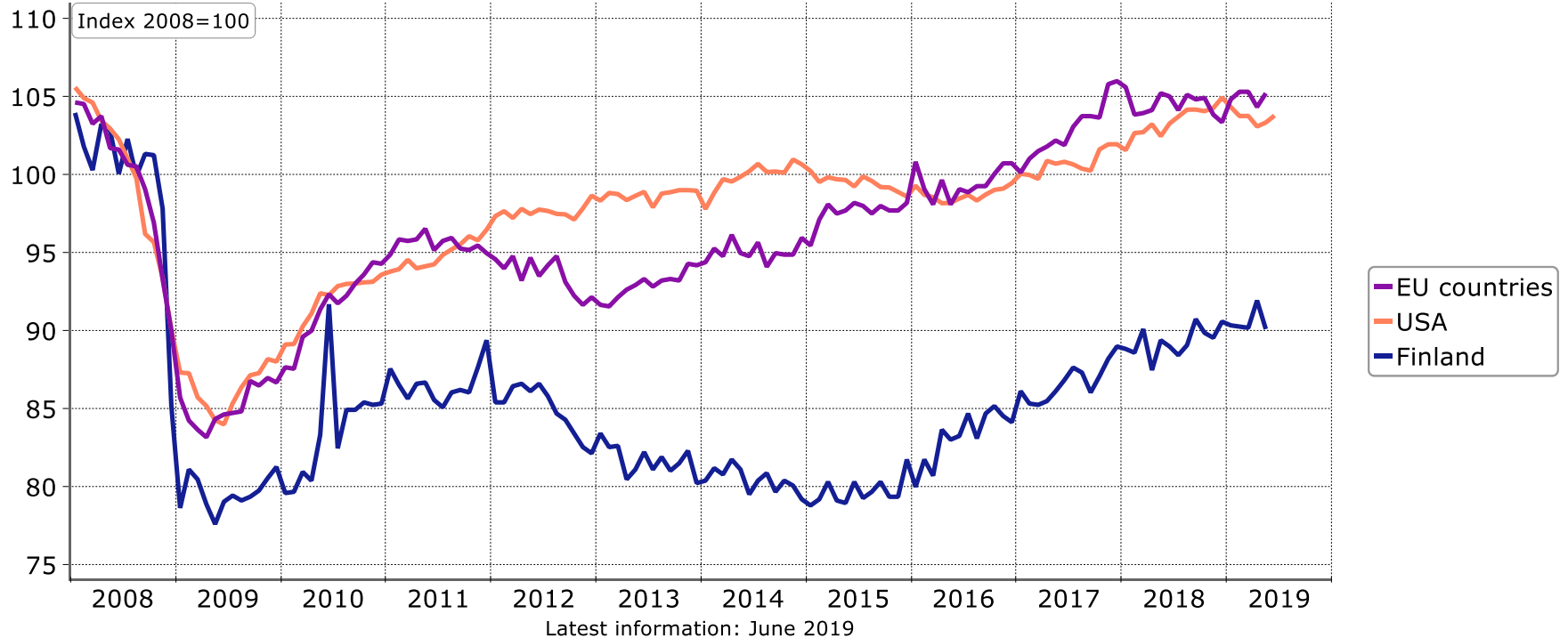
Growth of World trade has Stagnated



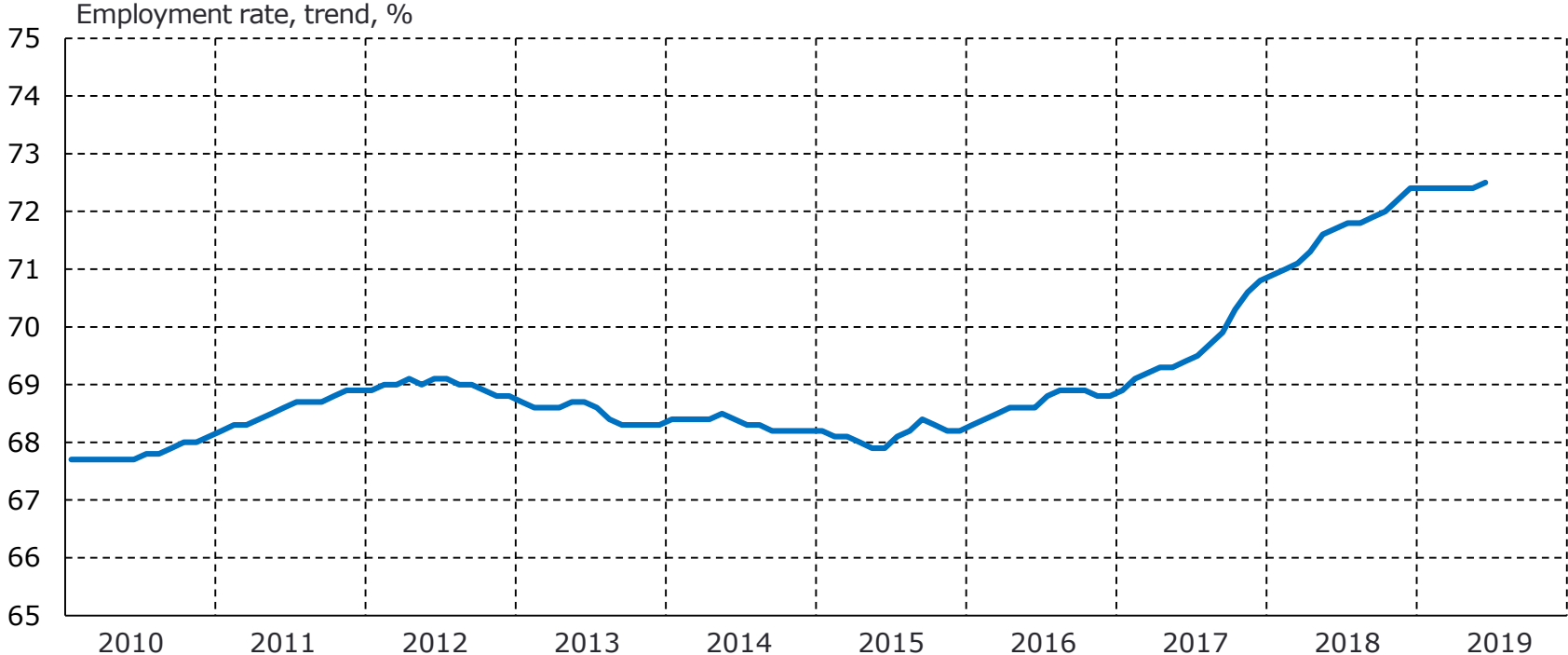
In Finland Growth of GDP Slowed Down already Last Year



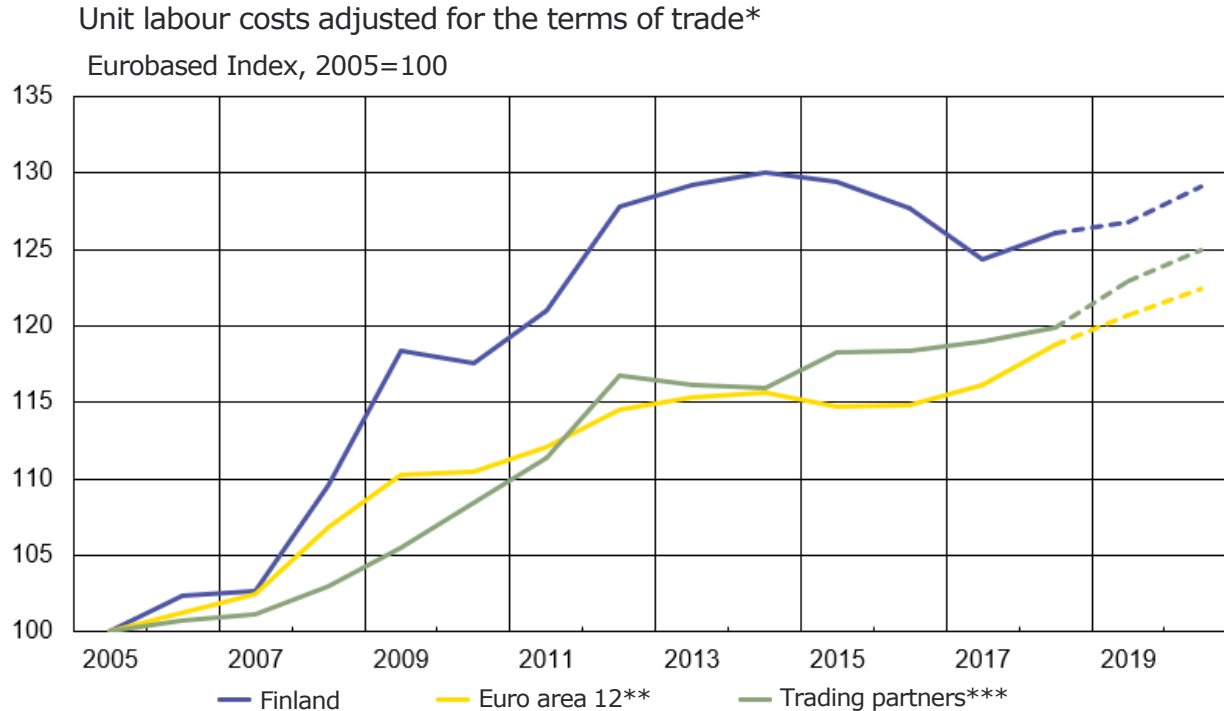
Performance at Industrial Production Slightly better in Finland than on Average in EU



Improvement in Employment rate has Stagnated



Cost Competitiveness has Improved in Finland but We are Still Lagging Behind Competitors



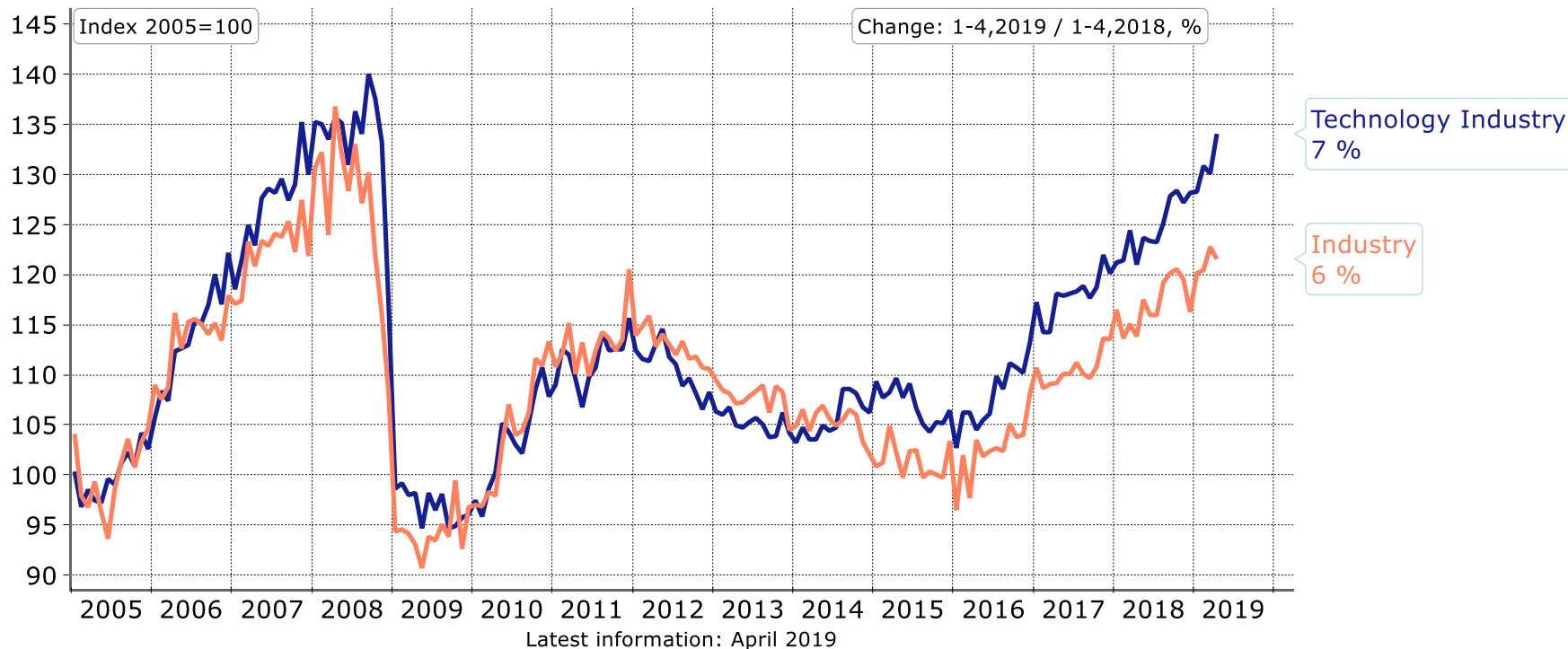
*) Labour compensation relative to real national income.

) First 12 euro area member states. *) 14 traditional industrial countries.

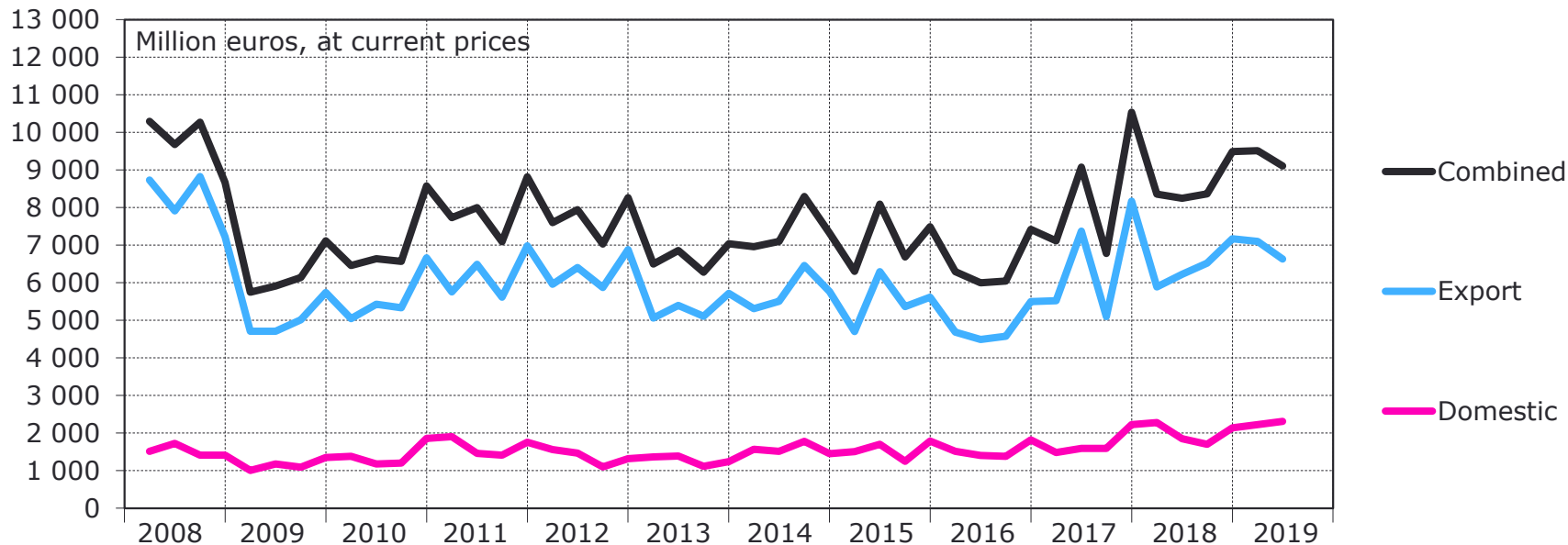
Forecasts: Bank of Finland (Finland) and European Commission (other countries)

Sources: Statistics Finland, Bank of Finland and European Commission

Turnover of Finnish Technology Industry was 79 billion Euros in Year 2018



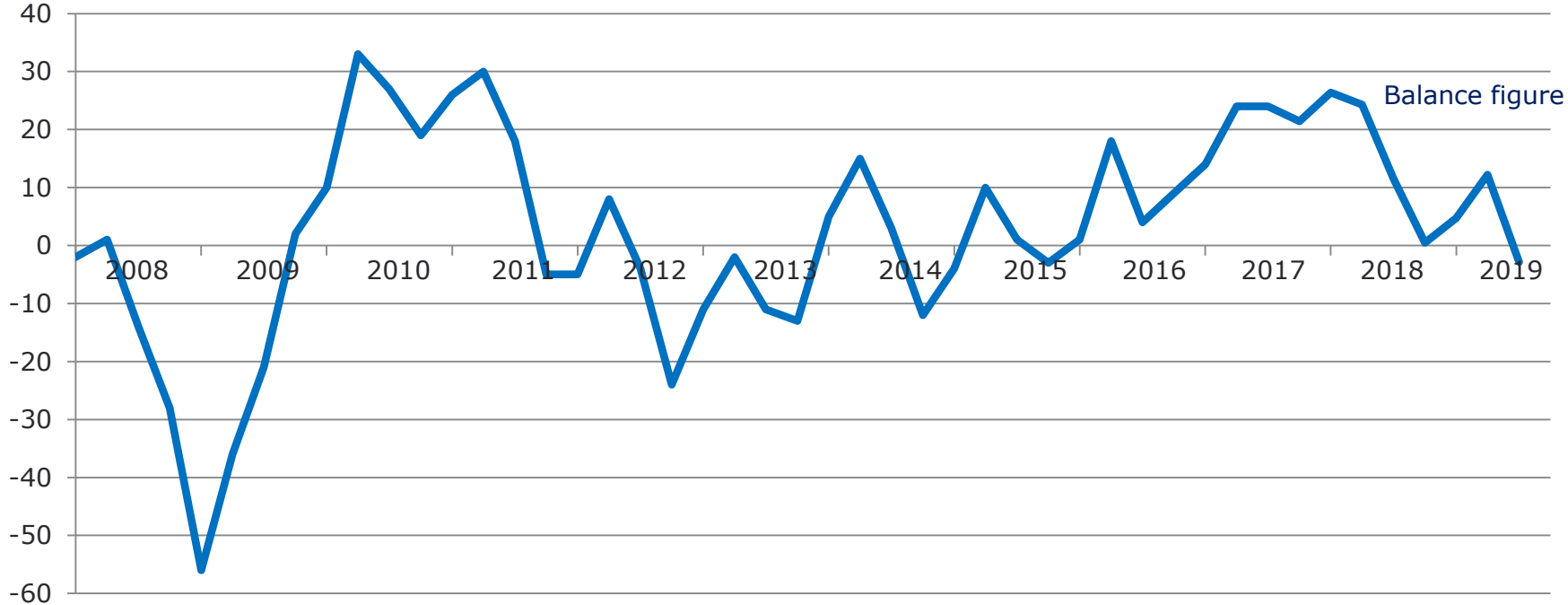
Value of New Orders in the Technology Industry* in Finland



Change:	II,2019 / II,2018	II,2019 / I,2019
Export:	+7 %	-7 %
Domestic:	+25 %	+4 %
Combined:	+10 %	-4 %

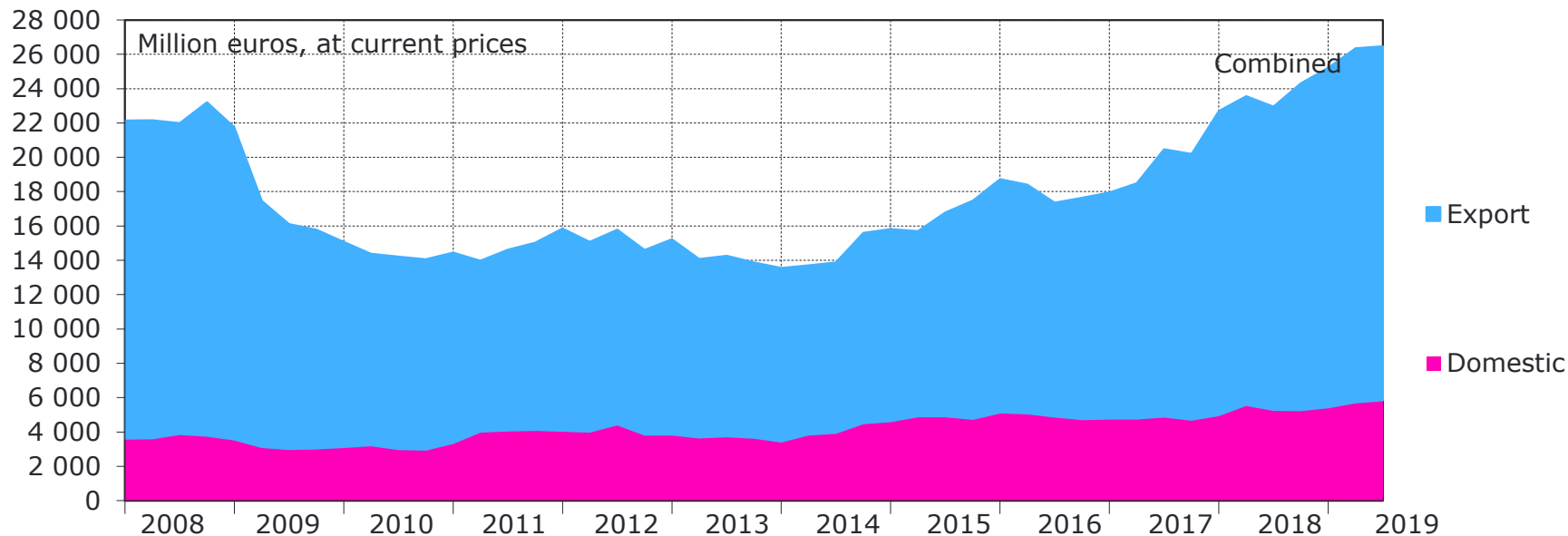
*) Excl. metals industry, game industry and data center companies

Tender Requests* Received by the 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."

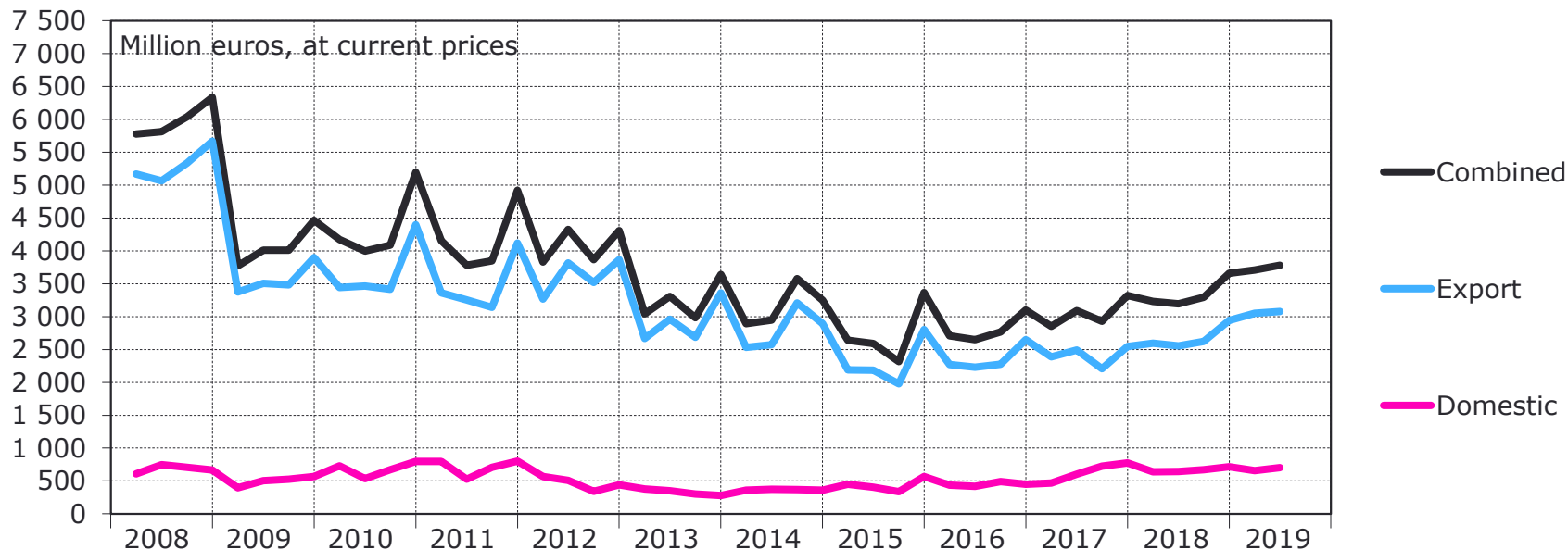
Value of Order Books in the Technology Industry* in Finland



Change:	30.6.2019 / 30.6.2018	30.6.2019 / 31.3.2019
Export:	+17 %	0 %
Domestic:	+11 %	+2 %
Combined:	+15 %	0 %

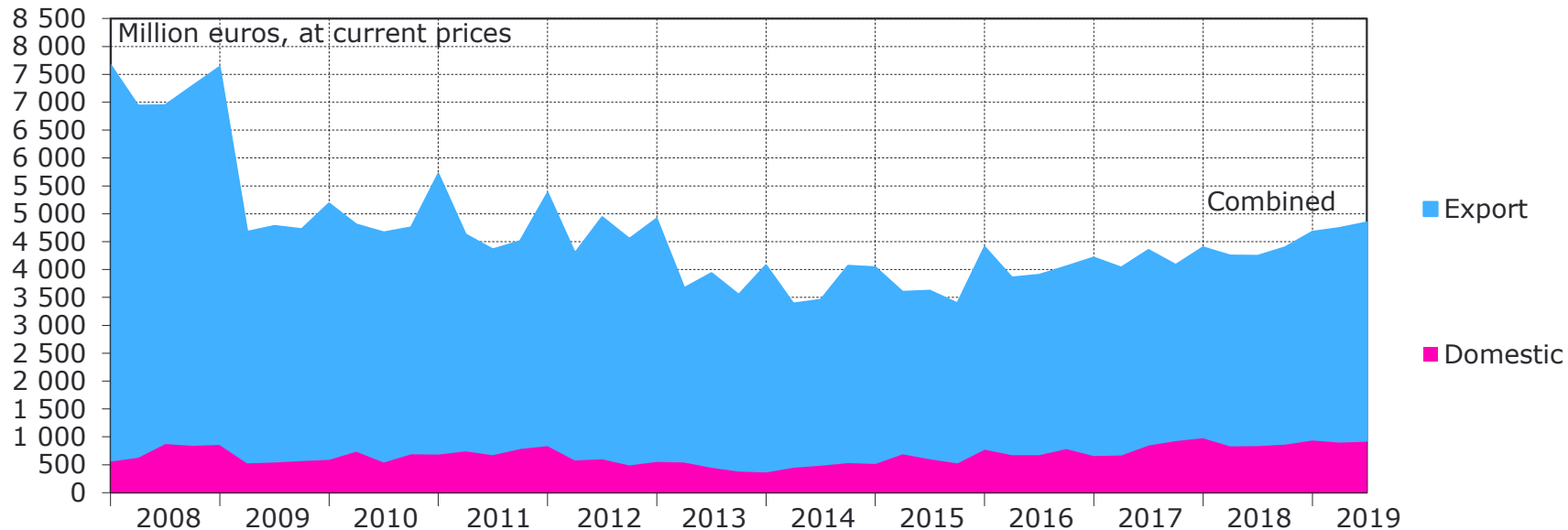
*) Excl. metals industry, game industry and data center companies

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



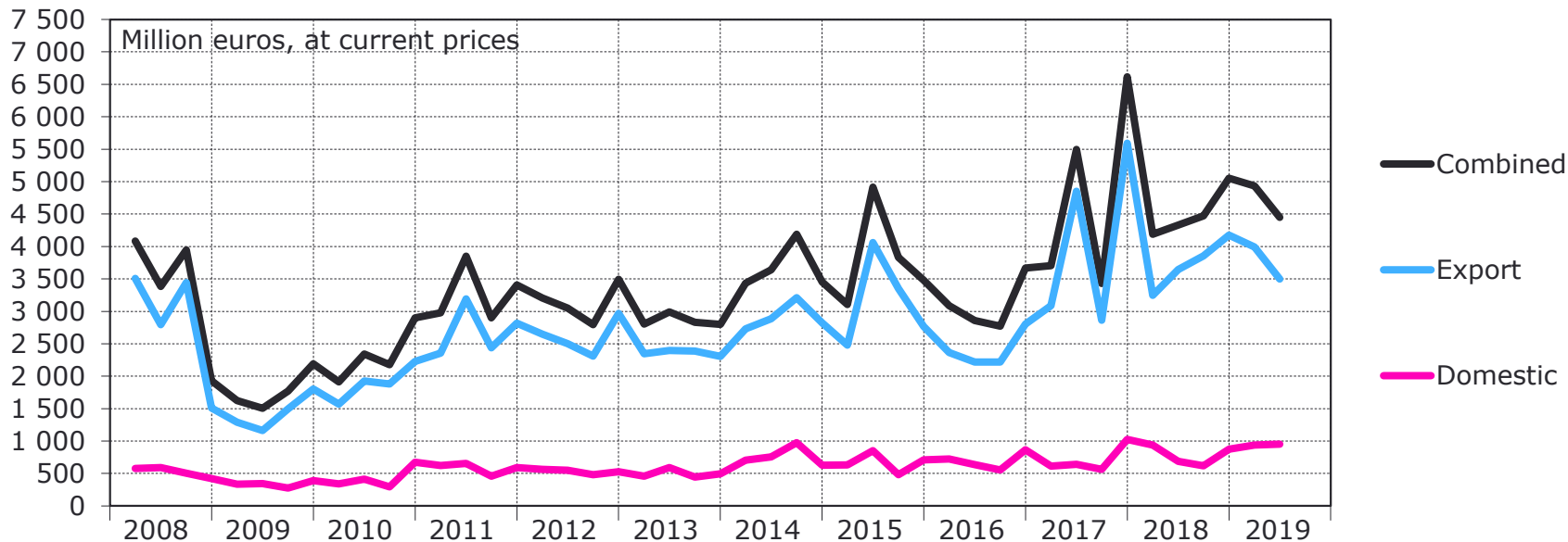
Change:	II,2019 / II,2018	II,2019 / I,2019
Export:	+21 %	+1 %
Domestic:	+9 %	+4 %
Combined:	+18 %	+2 %

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



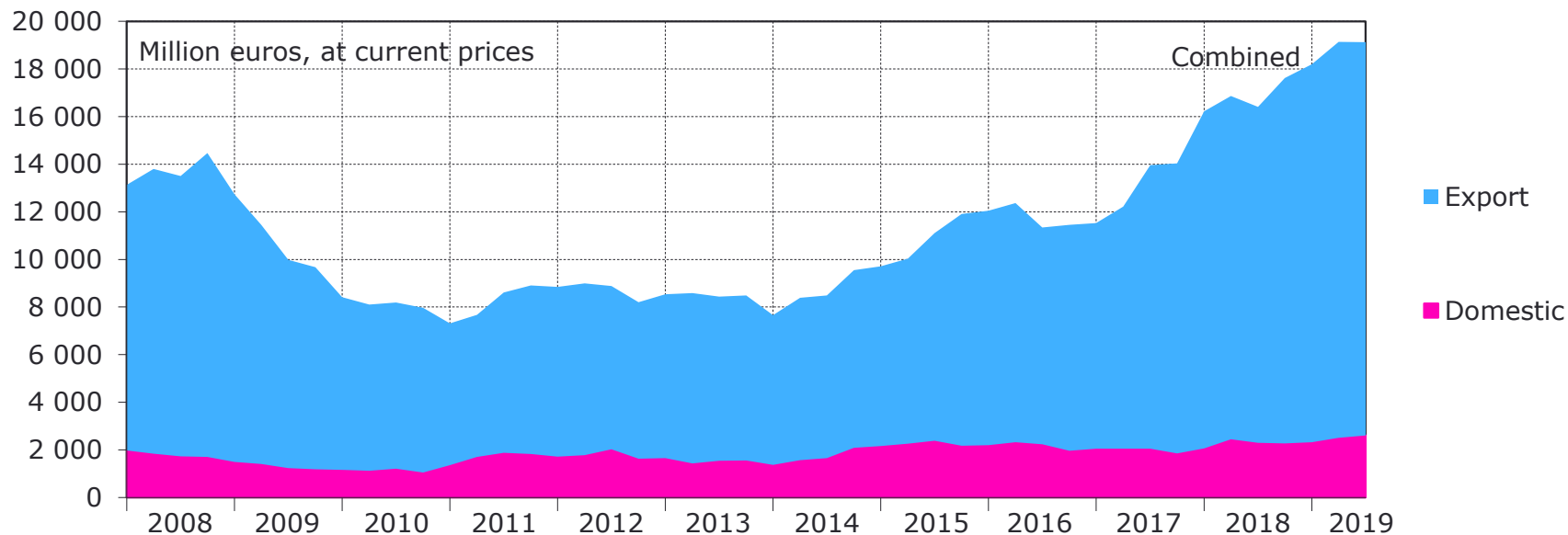
Change:	30.6.2019 / 30.6.2018	30.6.2019 / 31.3.2019
Export:	+15 %	+2 %
Domestic:	+10 %	+2 %
Combined:	+14 %	+2 %

Value of New Orders in the Mechanical Engineering in Finland



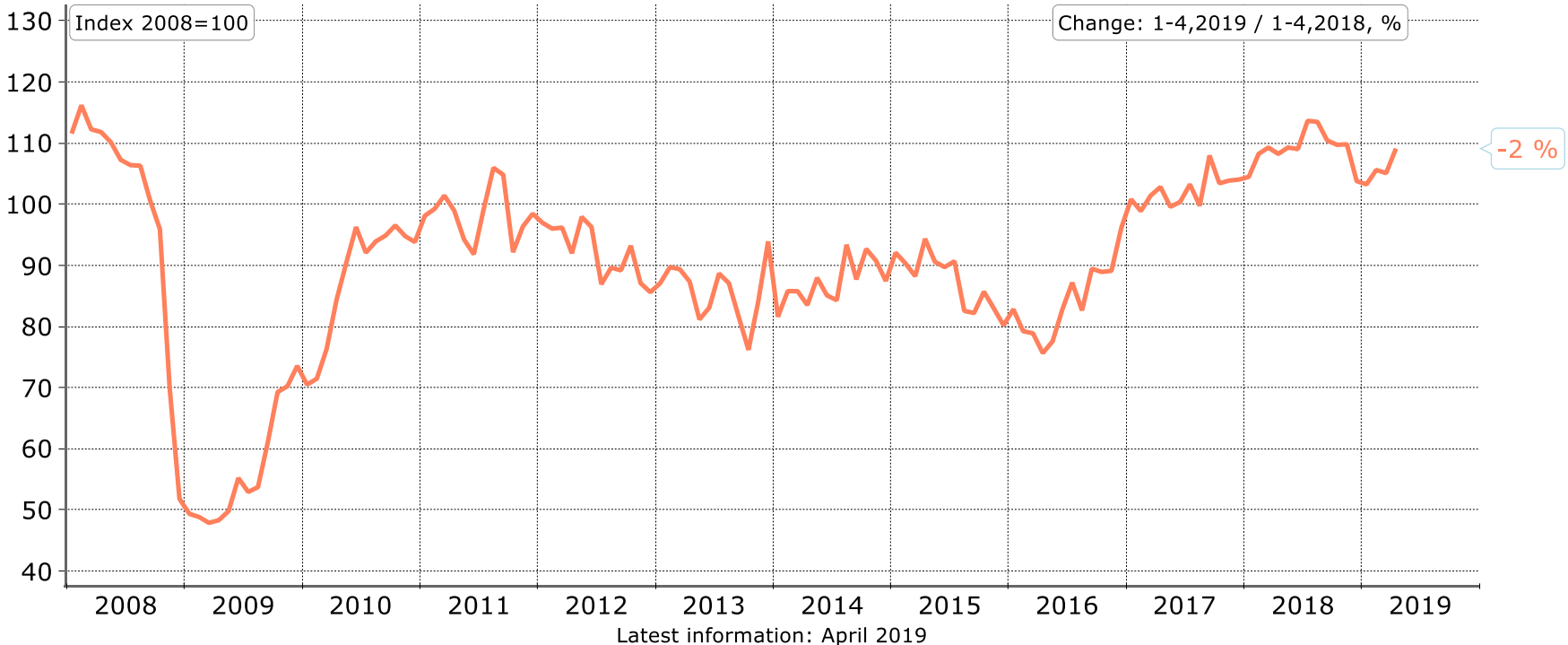
Change:	II,2019 / II,2018	II,2019 / I,2019
Export:	-4 %	-12 %
Domestic:	+39 %	+1 %
Combined:	+3 %	-10 %

Value of Order Books in the Mechanical Engineering in Finland

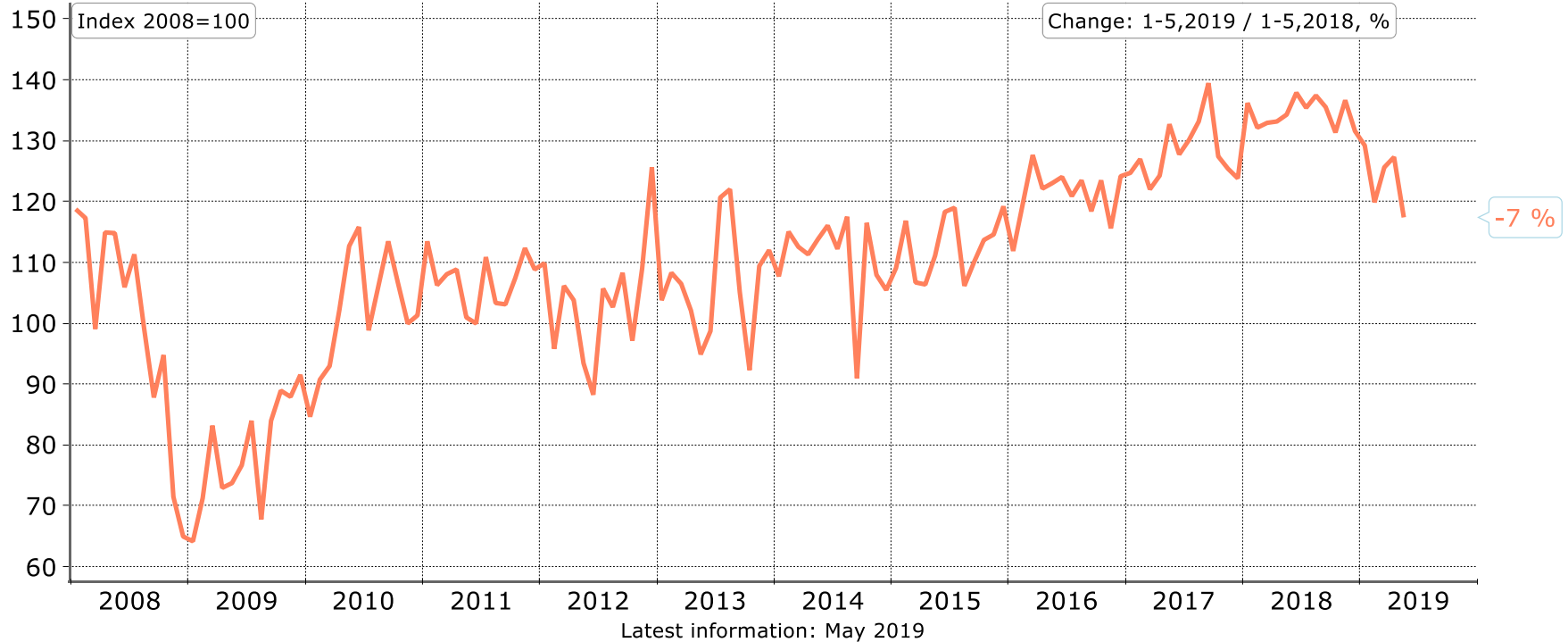


Change:	30.6.2019 / 30.6.2018	30.6.2019 / 31.3.2019
Export:	+17 %	-1 %
Domestic:	+14 %	+4 %
Combined:	+17 %	0 %

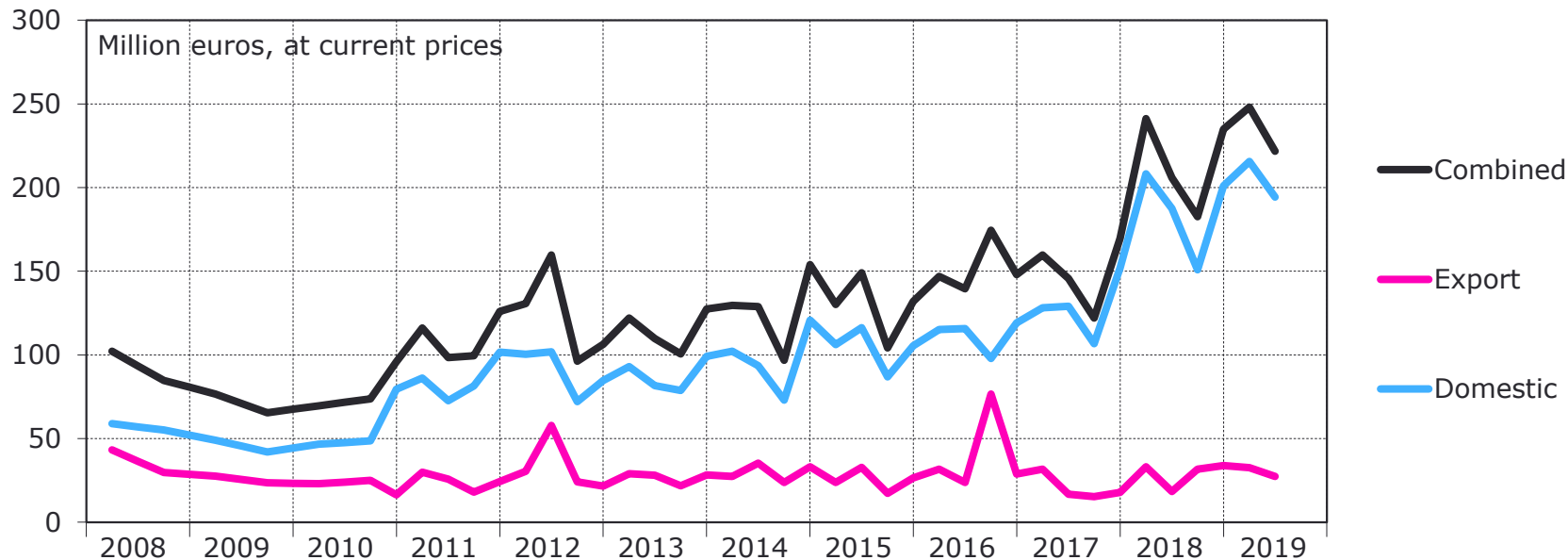
Turnover of the Metals Industry in Finland



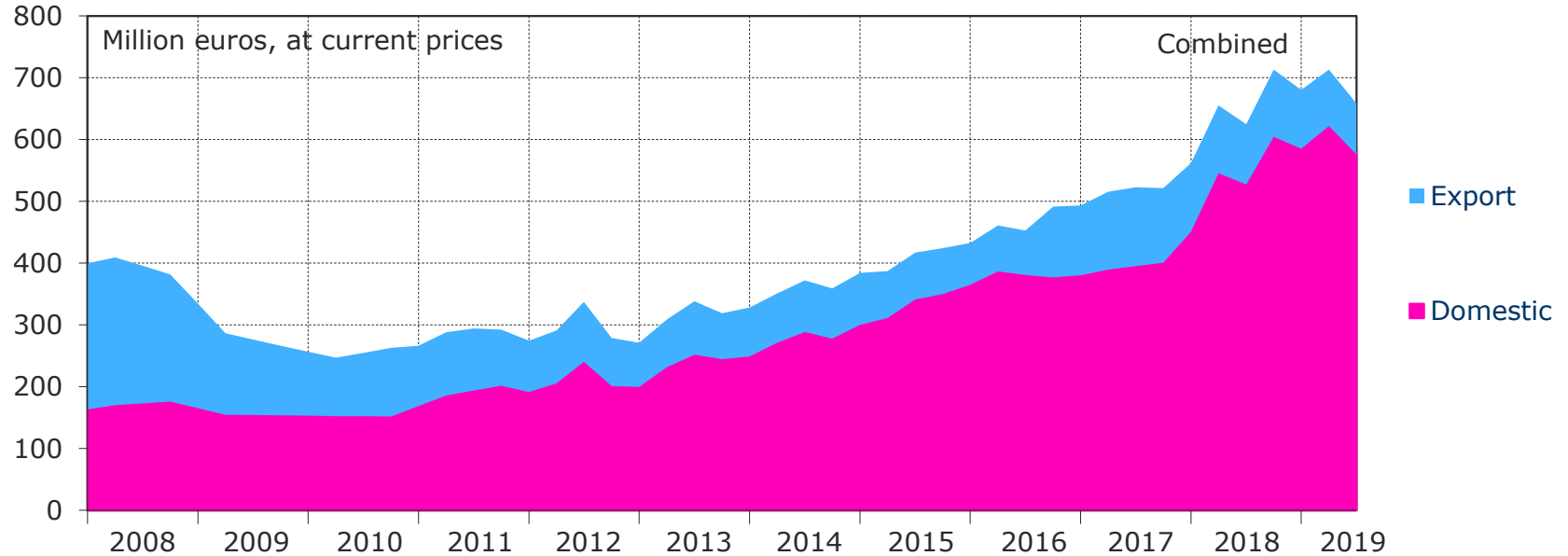
Production Volume of the Metals Industry in Finland



Value of New Orders in the Consulting Engineering in Finland

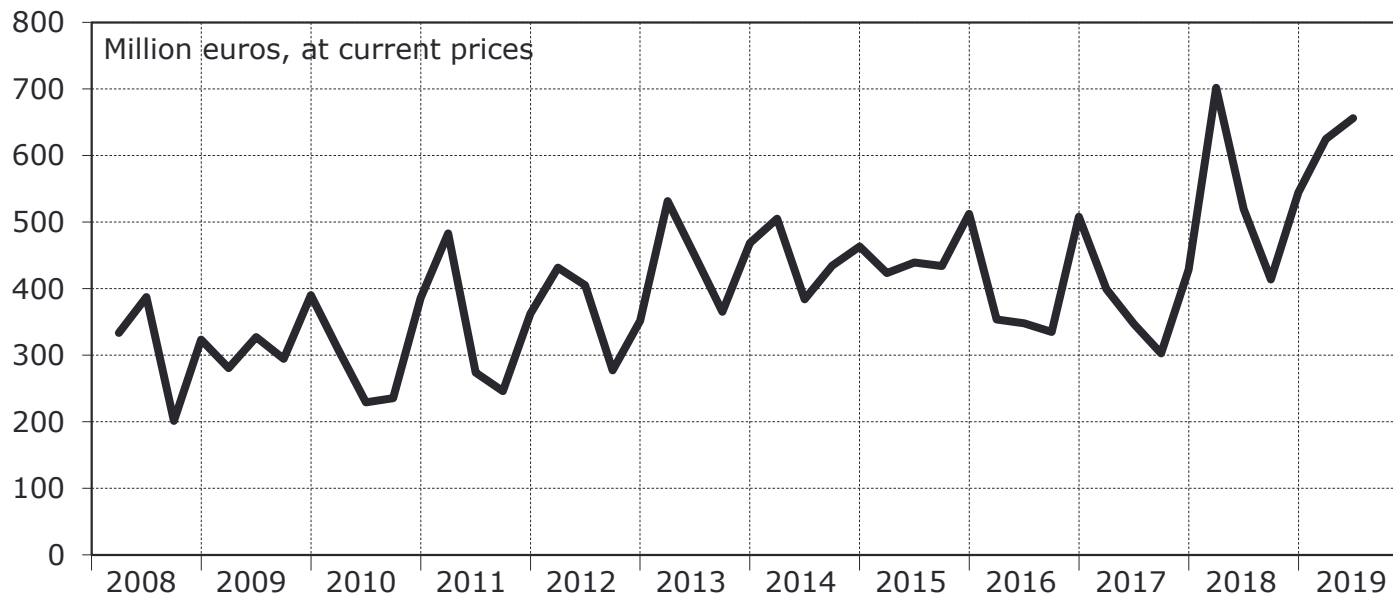


Value of Order Books in the Consulting Engineering in Finland



Change:	30.6.2019 / 30.6.2018	30.6.2019 / 31.3.2019
Export:	-15 %	-9 %
Domestic:	+9 %	-7 %
Combined:	+6 %	-8 %

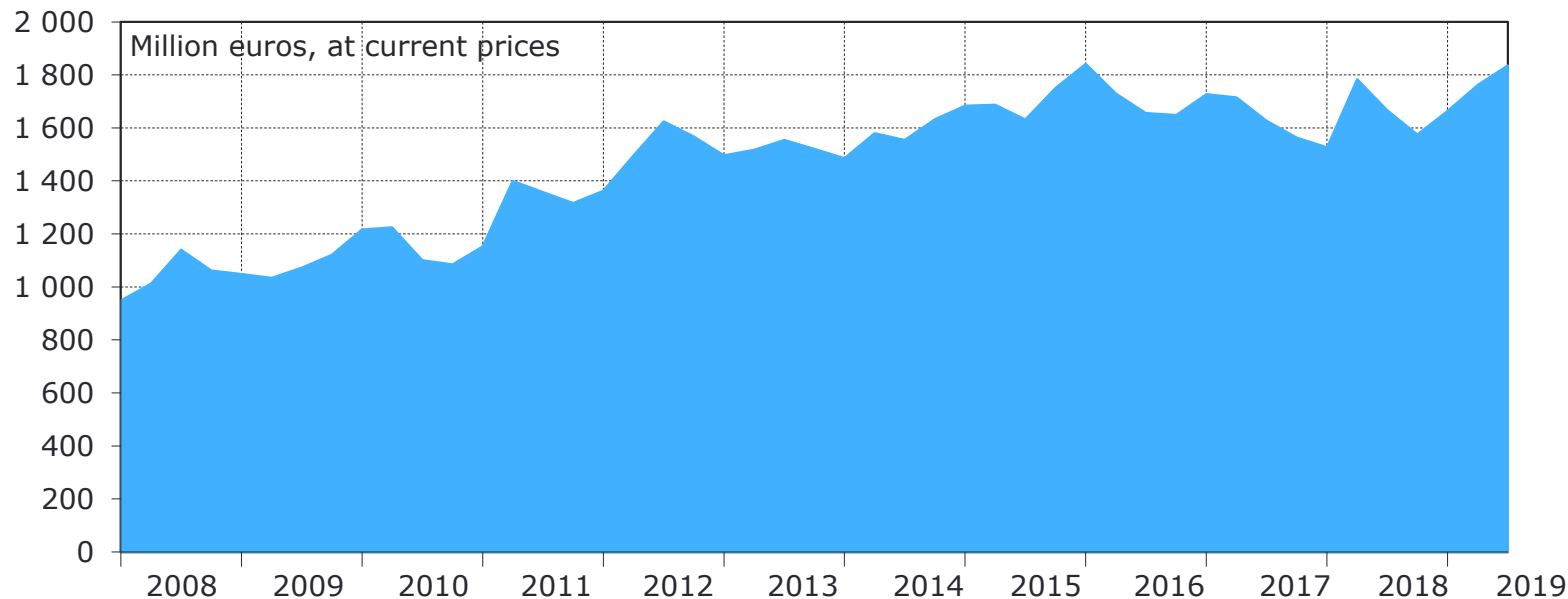
Value of New Orders in the Information Technology* in Finland



Change:	II,2019 / II,2018	II,2019 / I,2019
Combined:	+26 %	+5 %

*) Excl. game industry and data center companies

Value of Order Books in the Information Technology* in Finland



Change:	30.6.2019 / 30.6.2018	30.6.2019 / 31.3.2019
Combined:	+10 %	+4 %

*) Excl. game industry and data center companies