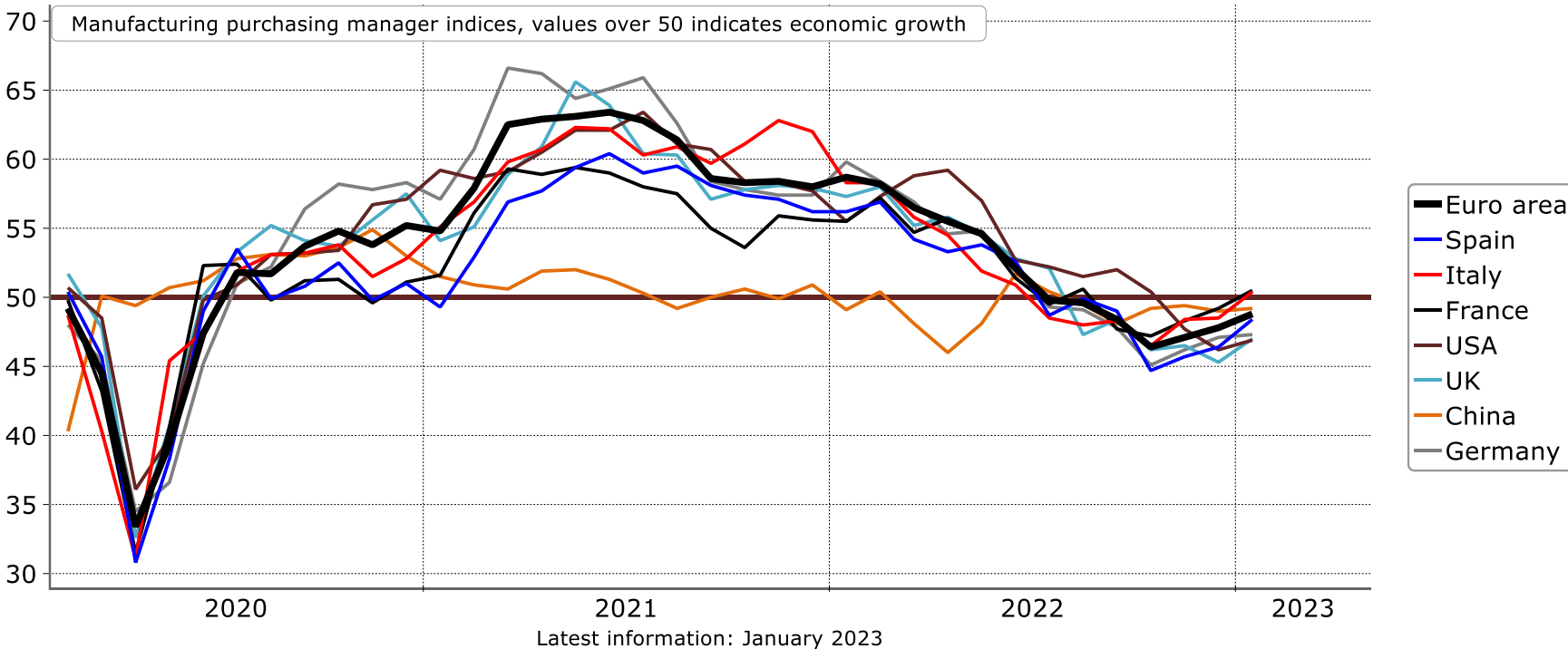


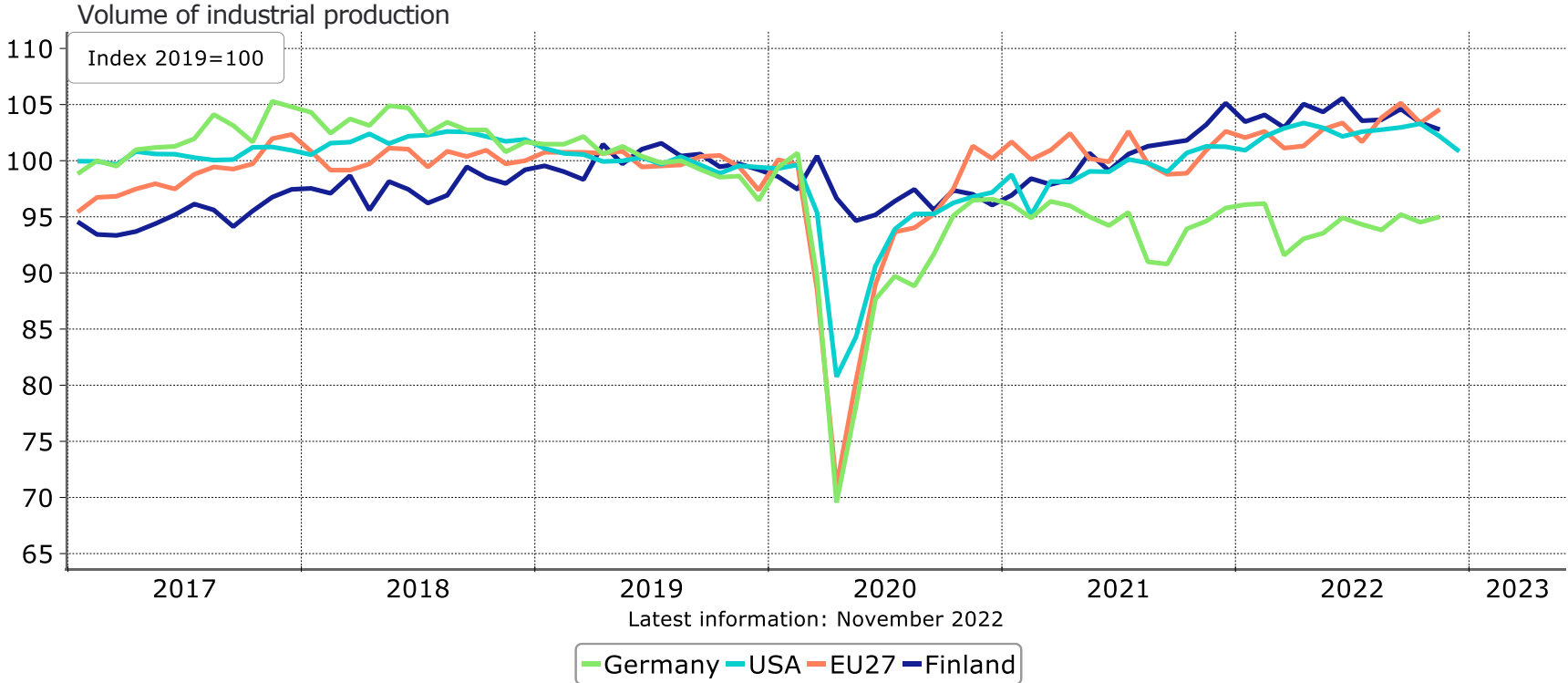
Europe's economy at zero growth in the beginning of the year



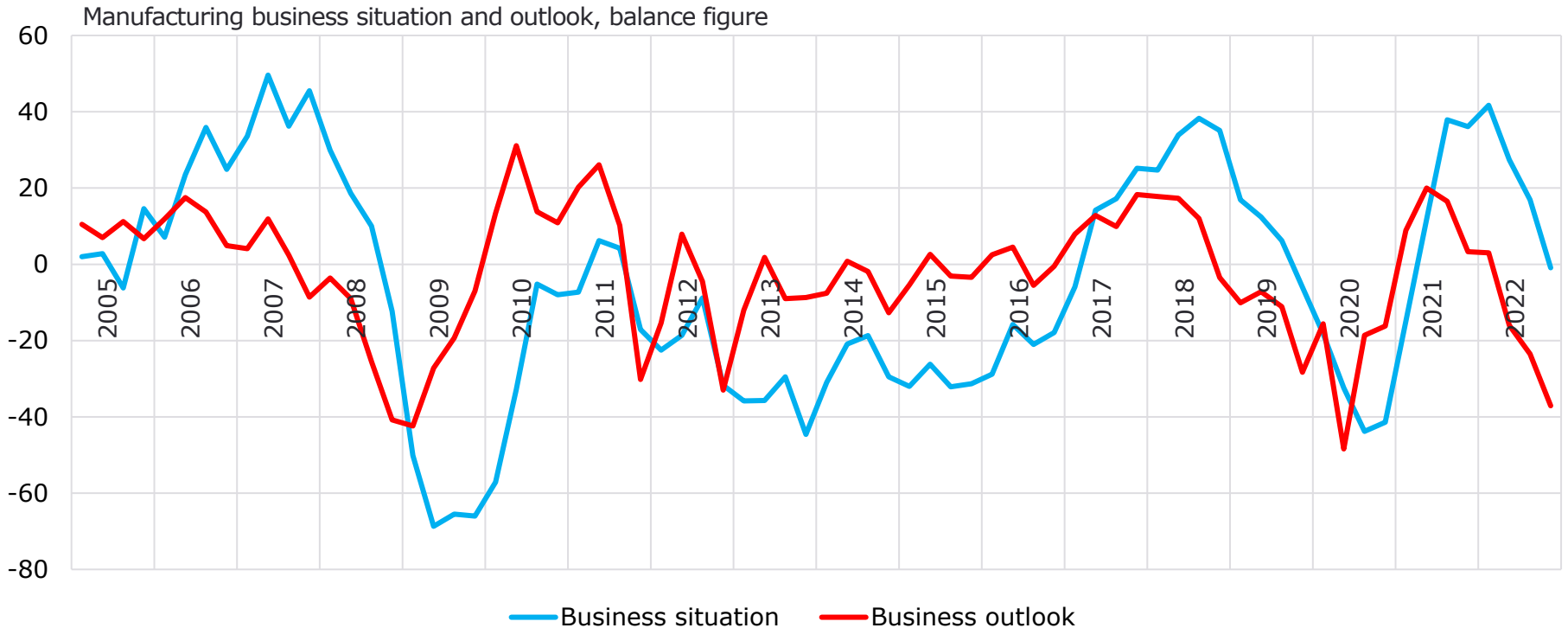
In manufacturing, deterioration of moods so far stalled



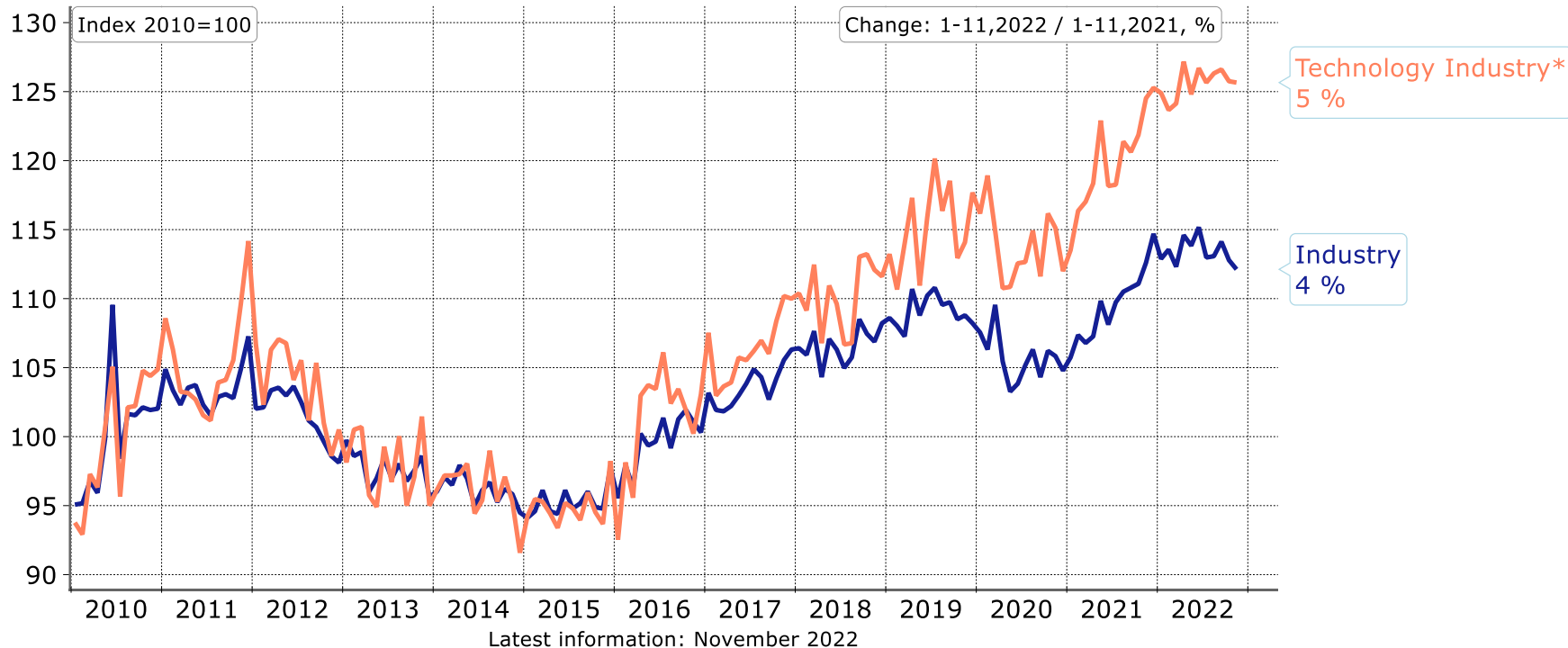
Industrial production growth stalled worldwide



The business cycle in manufacturing continued to deteriorate, but expectations for the future slightly improved



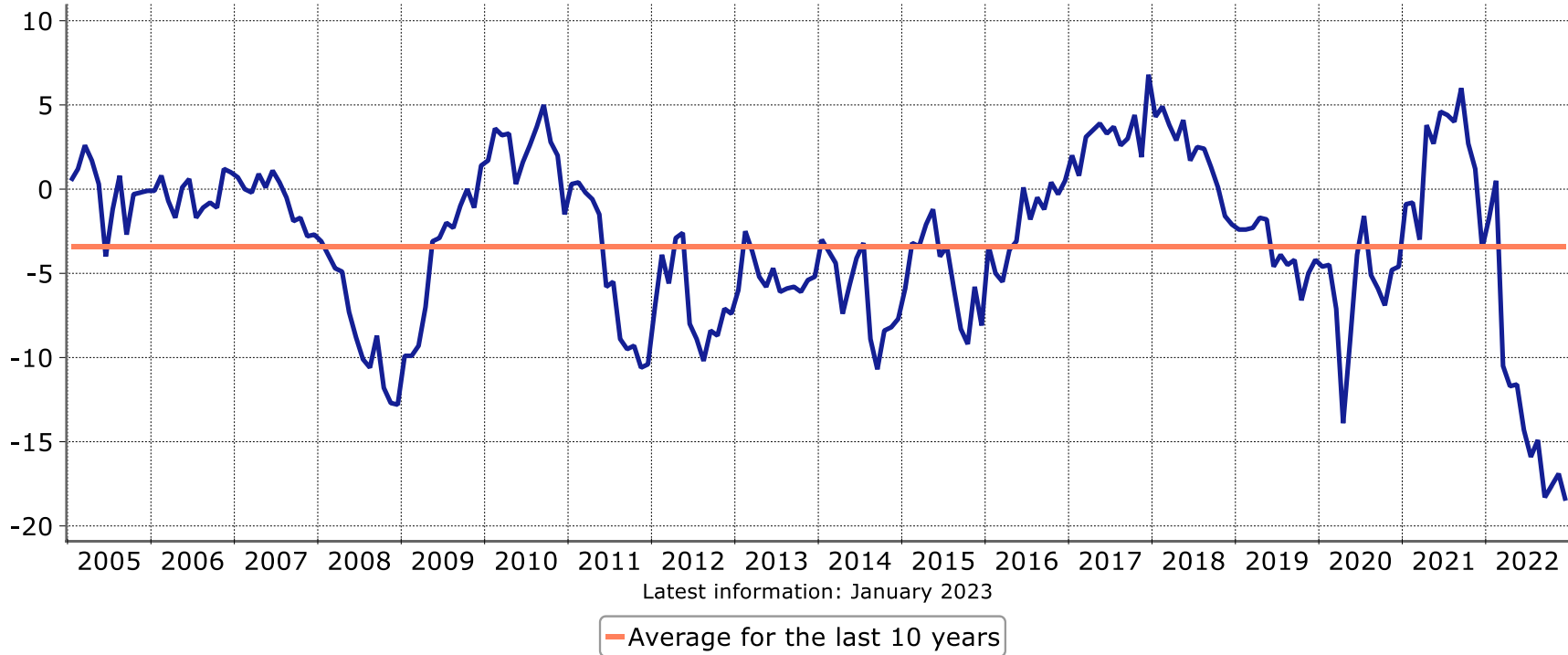
Volume of Industrial Production has declined in Finland



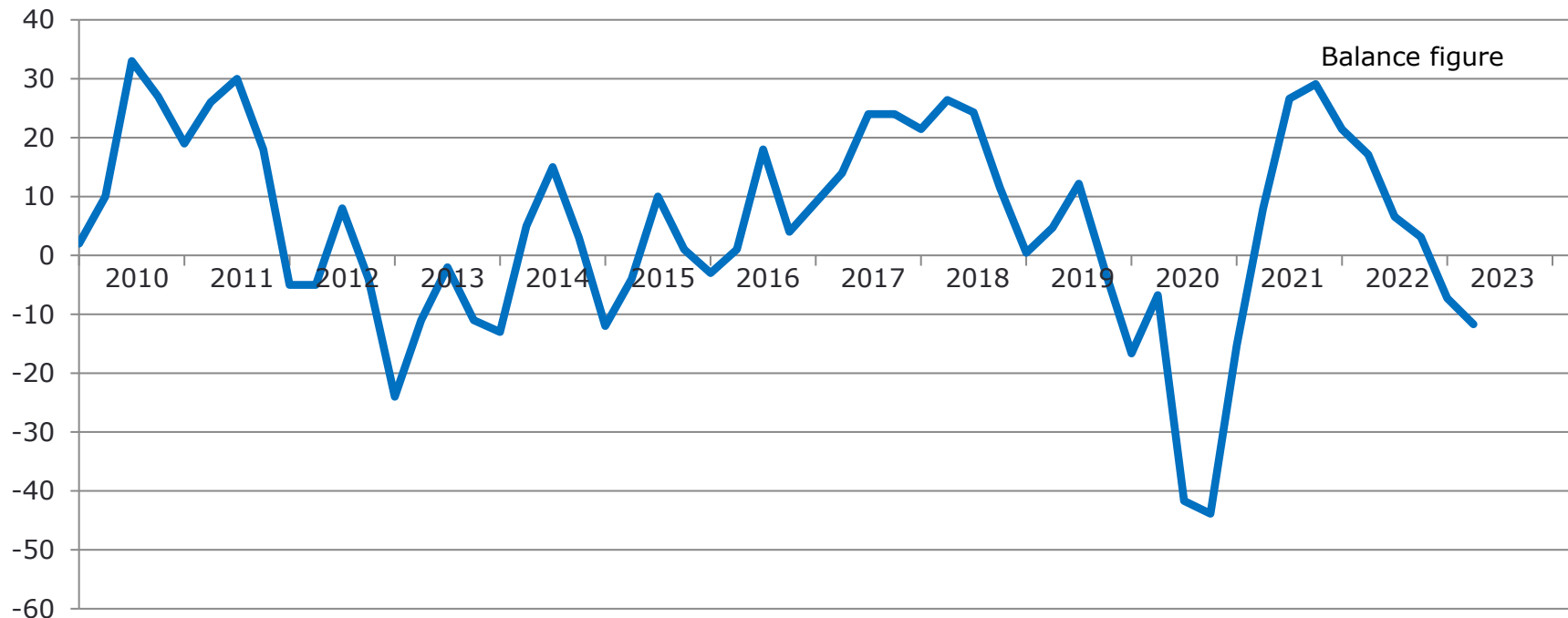
Consumer confidence improved, but still at exceptionally weak levels



Consumer Confidence in Finland, balance figure

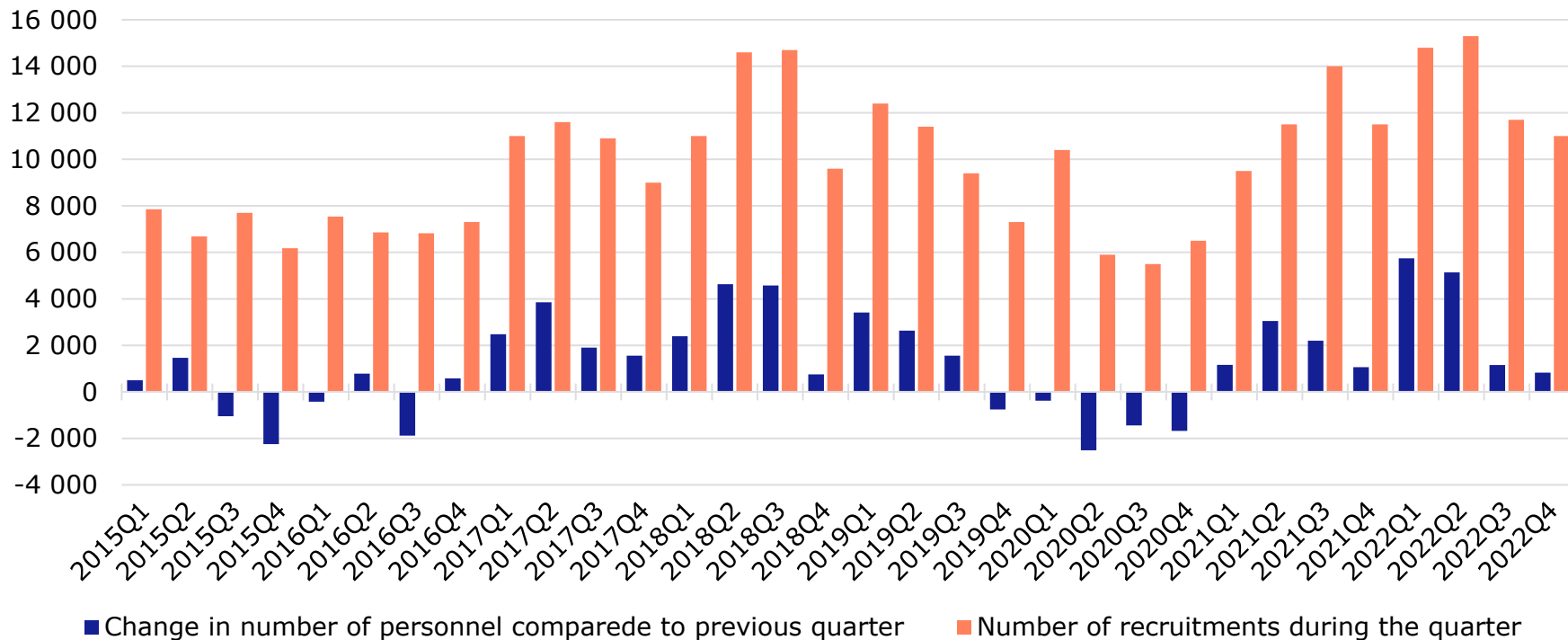


Tender requests* received by the technology industry companies in Finland

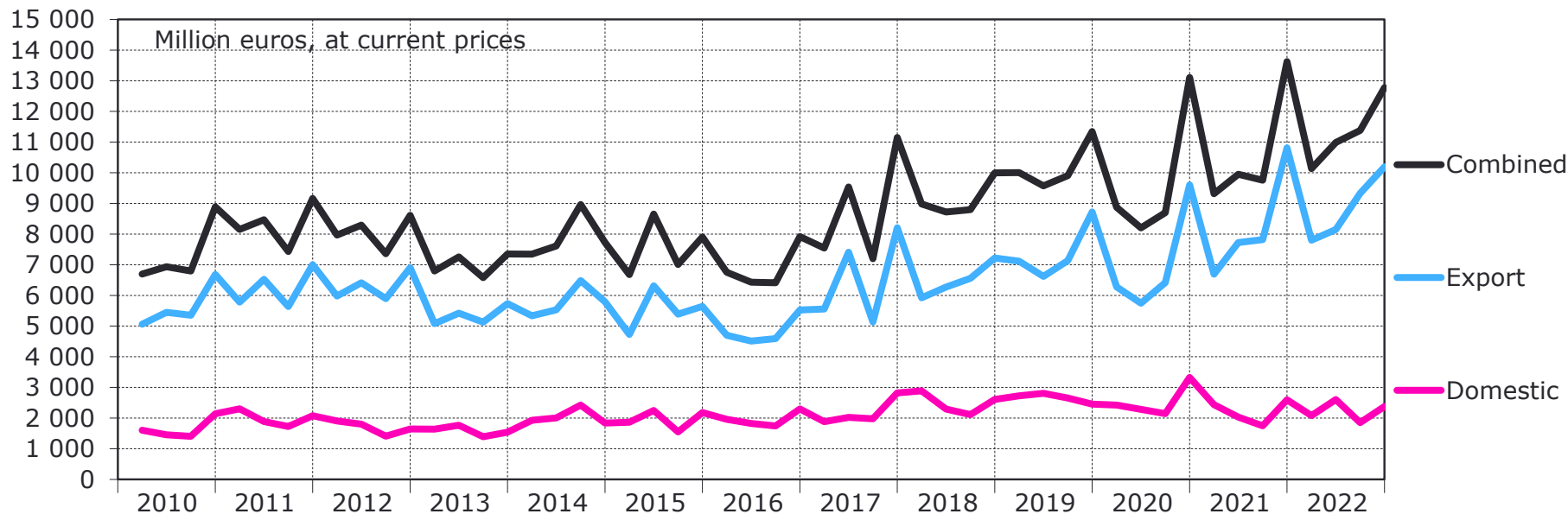


*) "Have you experienced a notable increase or decrease in the number of requests for tenders in recent weeks in comparison to the situation three months ago". Balance figure = the share of companies receiving more requests - the share of companies receiving less requests. Negative balance figure indicates that demand has weakened when compared to a situation three months ago.

Headcount growth in the technology industry continued to slow



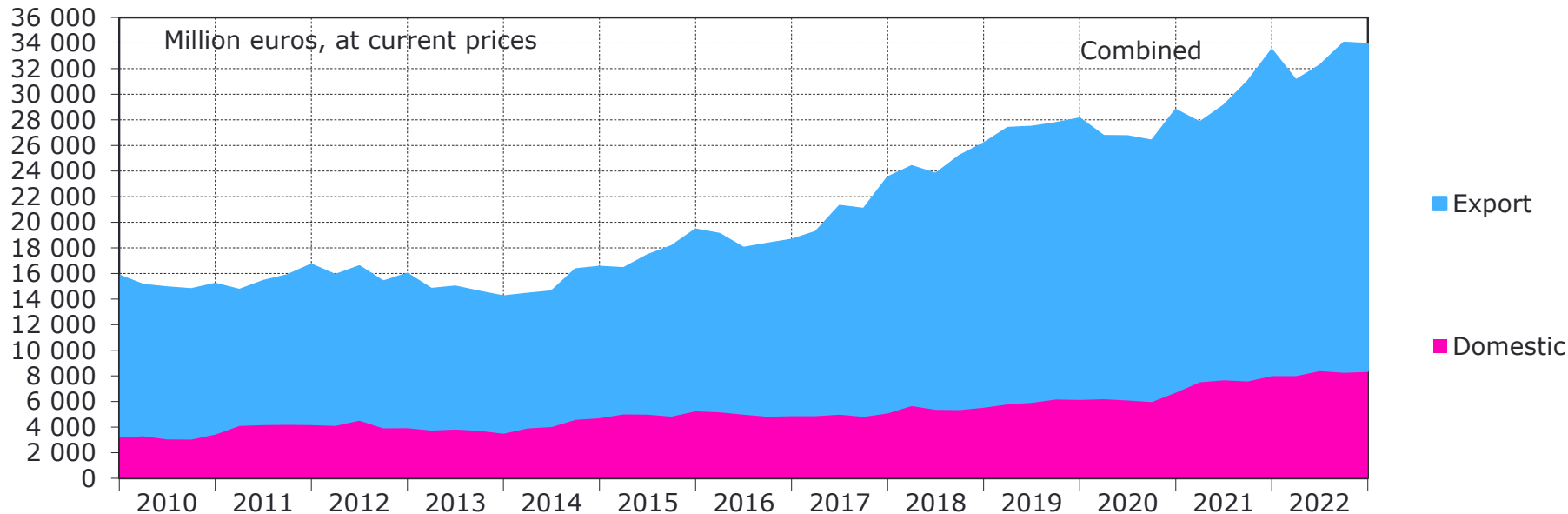
Value of new orders in the technology industry* in Finland



Change:	IV/2022 / IV,2021	IV,2022 / III,2022
Export:	-6 %	+9 %
Domestic:	-8 %	+29 %
Combined:	-6 %	+12 %

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

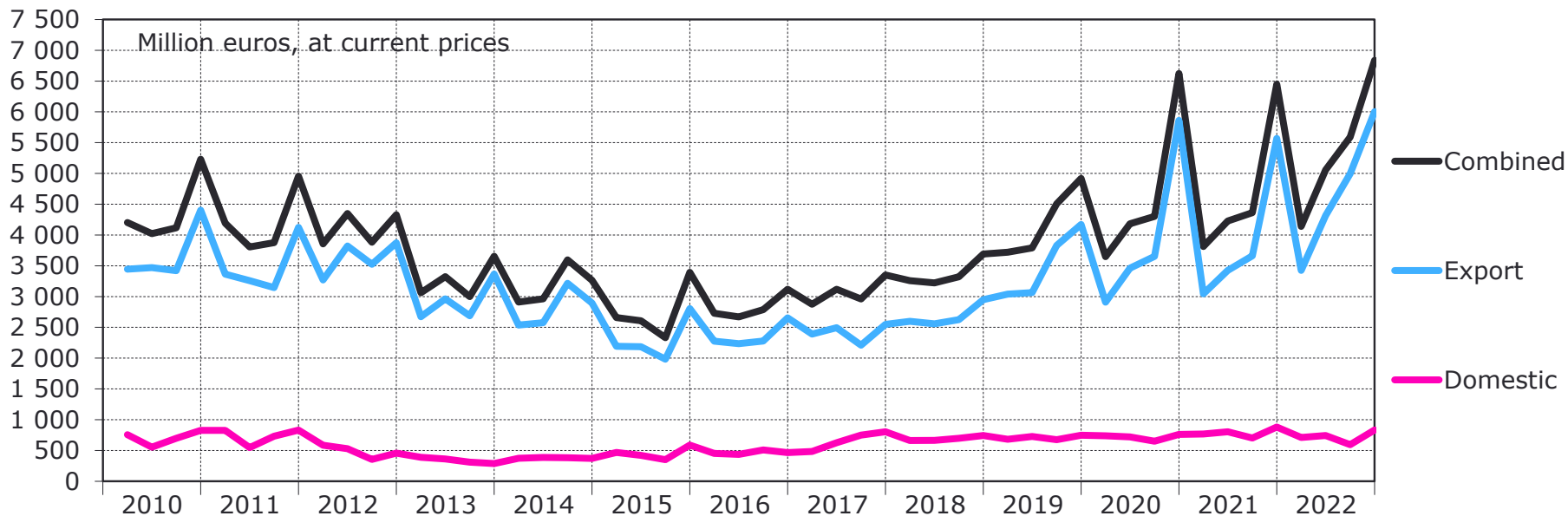
Value of order books in the technology industry* in Finland



Change:	31.12.2022 / 31.12.2021	31.12.2022 / 30.9.2022
Export:	+1 %	-1 %
Domestic:	+4 %	+1 %
Combined:	+1 %	-0 %

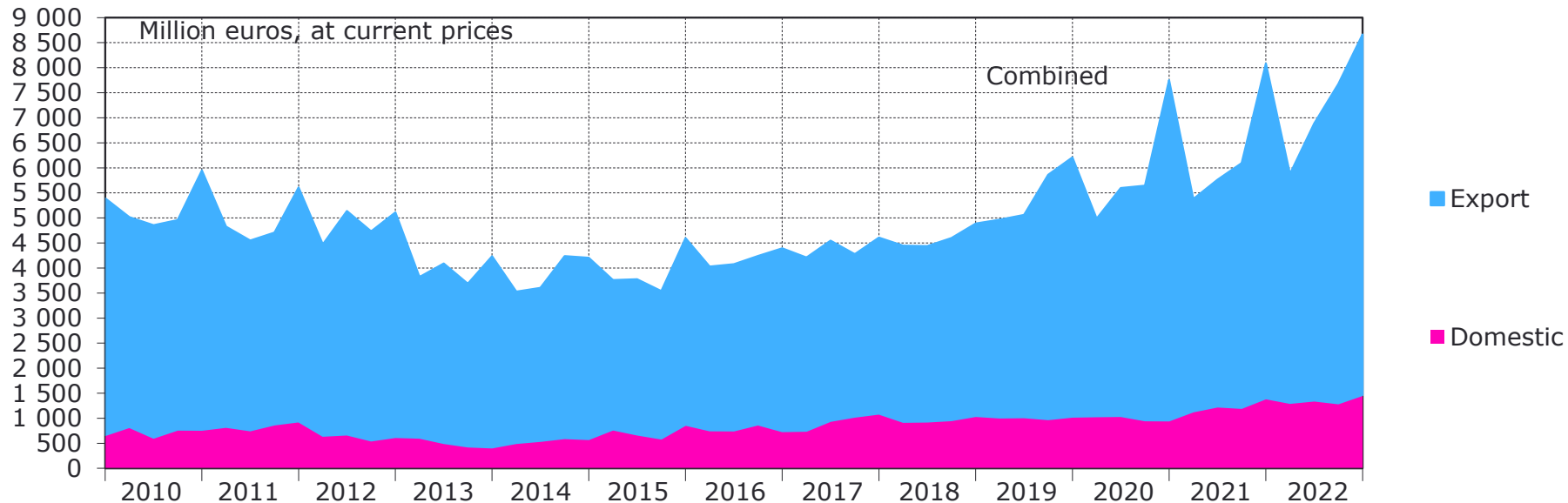
*) Excl. metals industry, game industry and data center companies

Value of new orders in the electronics and electrotechnical industry in Finland



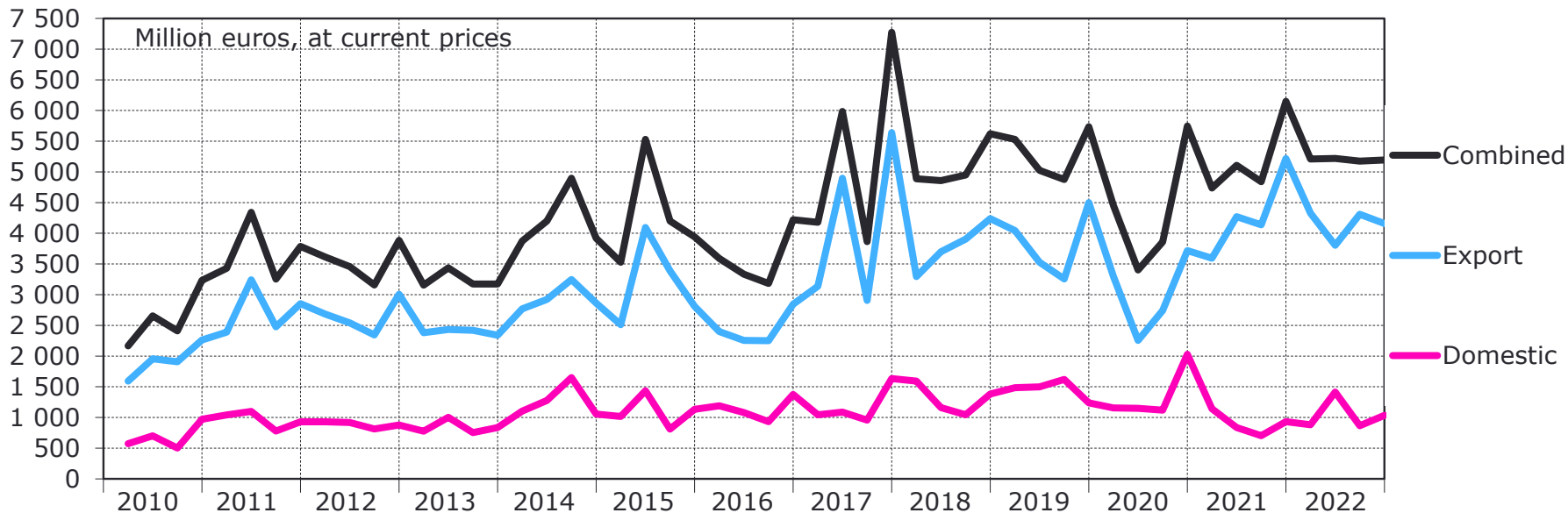
Change:	IV/2022 / IV,2021	IV,2022 / III,2022
Export:	+8 %	+20 %
Domestic:	-5 %	+40 %
Combined:	+6 %	+22 %

Value of order books in the electronics and electrotechnical industry in Finland



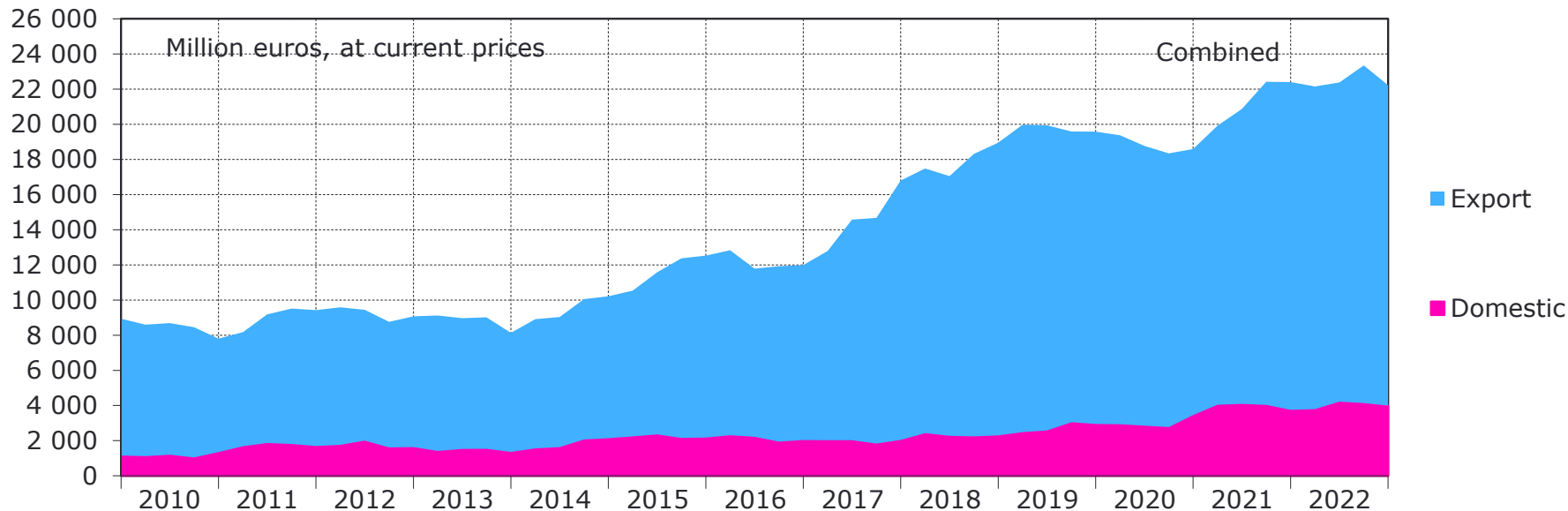
Change:	31.12.2022 / 31.12.2021	31.12.2022 / 30.9.2022
Export:	+7 %	+13 %
Domestic:	+5 %	+13 %
Combined:	+7 %	+13 %

Value of new orders in the mechanical engineering in Finland



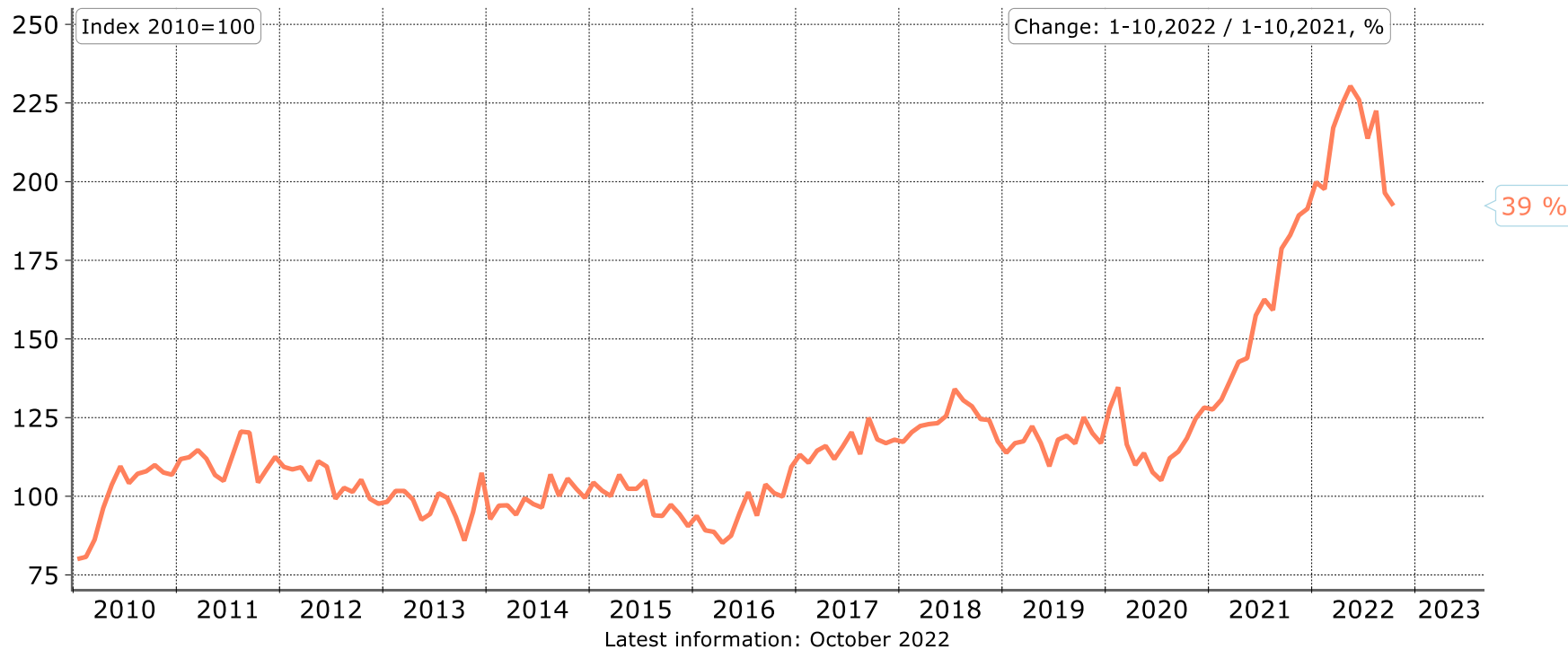
Change:	IV/2022 / IV,2021	IV,2022 / III,2022
Export:	-20 %	-4 %
Domestic:	+11 %	+20 %
Combined:	-16 %	+0 %

Value of order books in the mechanical engineering in Finland

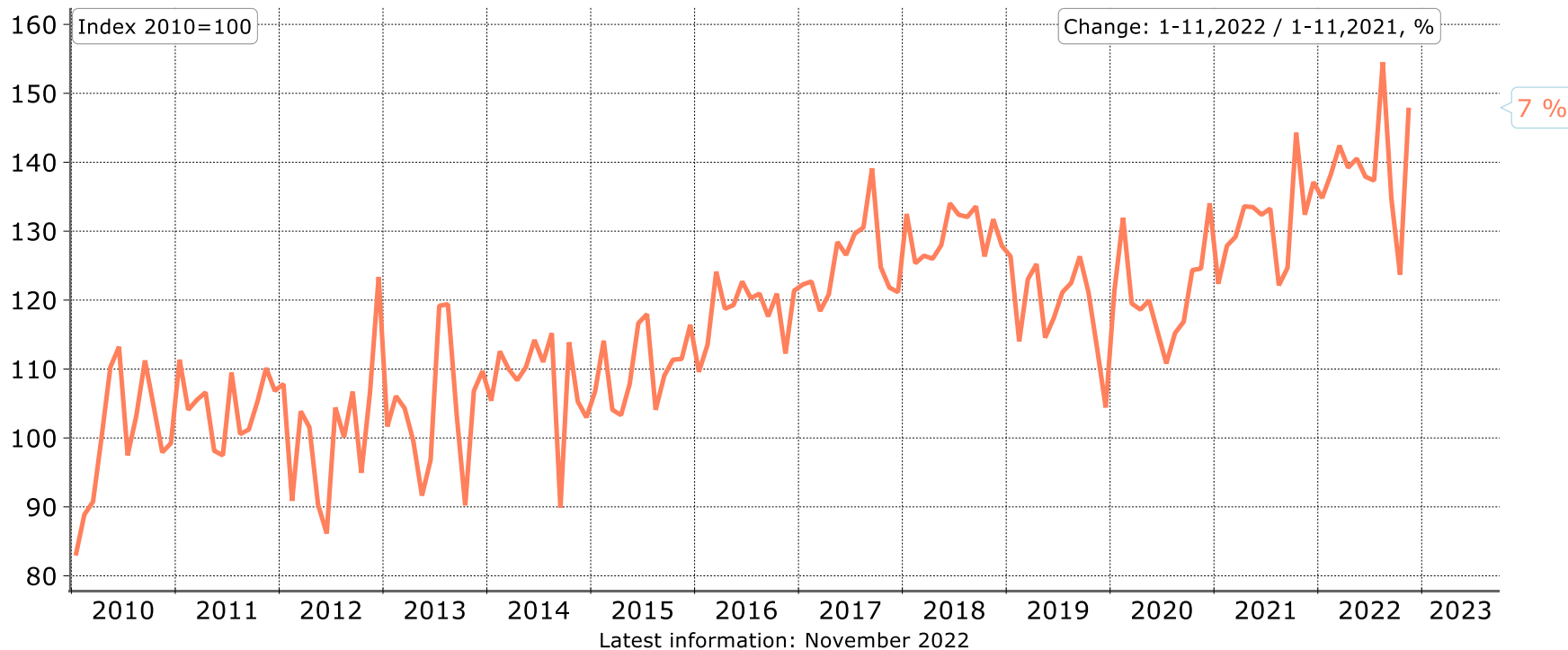


Change:	31.12.2022 / 31.12.2021	31.12.2022 / 30.9.2022
Export:	-2 %	-5 %
Domestic:	+6 %	-4 %
Combined:	-1 %	-5 %

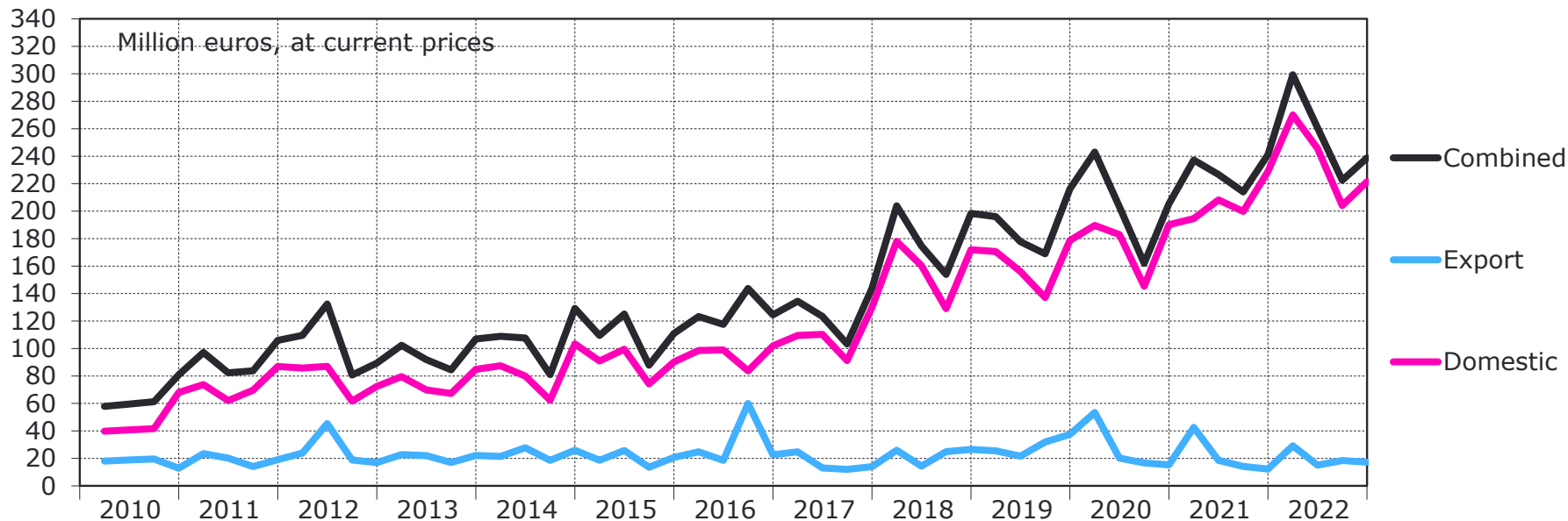
Turnover of the metals industry in Finland



Production volume of the metals industry in Finland

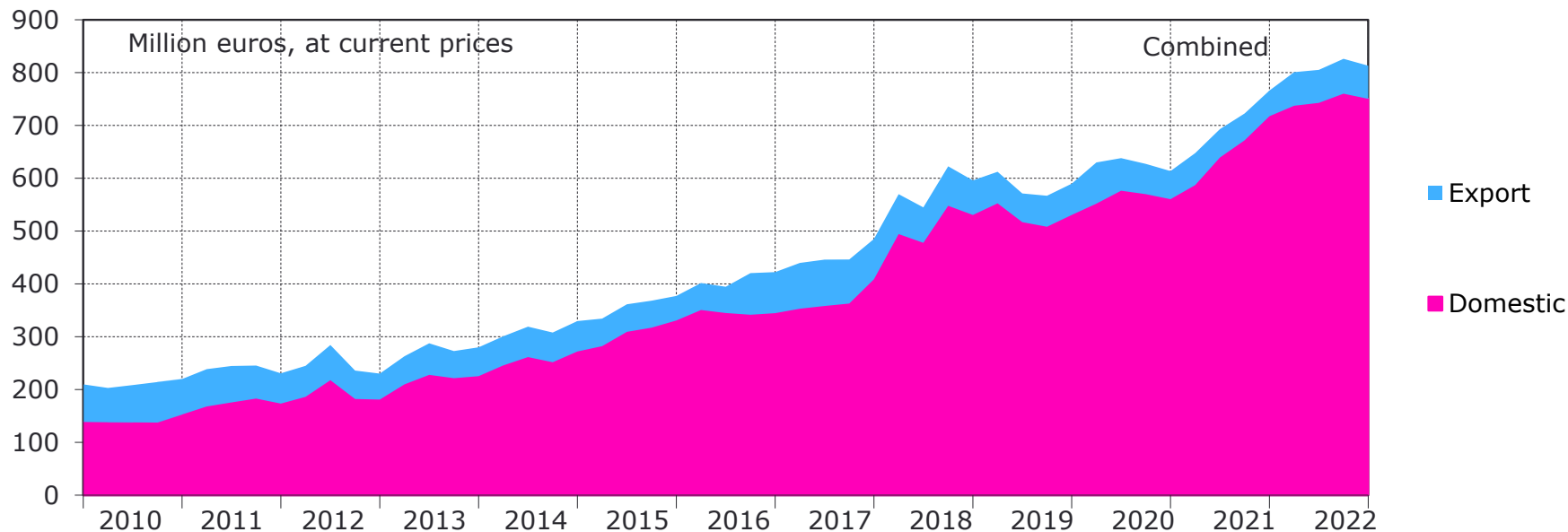


Value of new orders in the consulting engineering in Finland



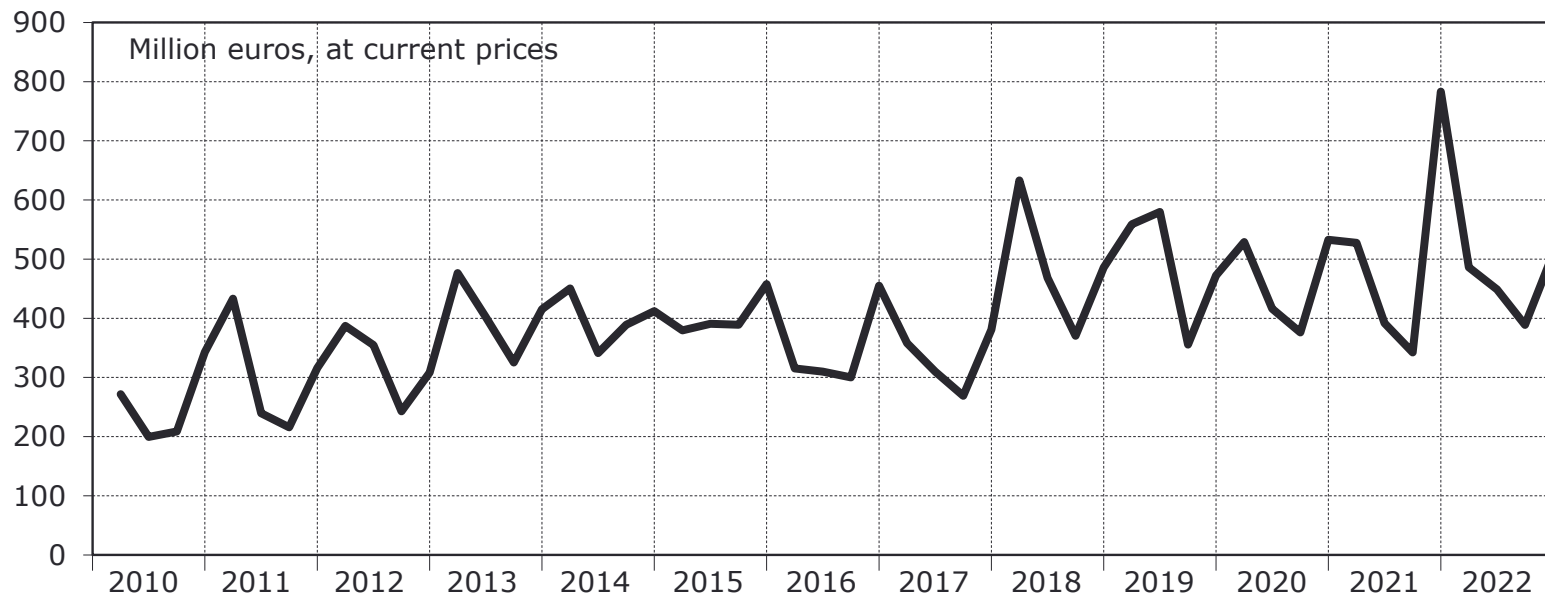
Change:	IV/2022 / IV,2021	IV,2022 / III,2022
Export:	+41 %	-6 %
Domestic:	-3 %	+9 %
Combined:	-1 %	+7 %

Value of order books in the consulting engineering in Finland



Change:	31.12.2022 / 31.12.2021	31.12.2022 / 30.9.2022
Export:	+29 %	-5 %
Domestic:	+5 %	-1 %
Combined:	+6 %	-2 %

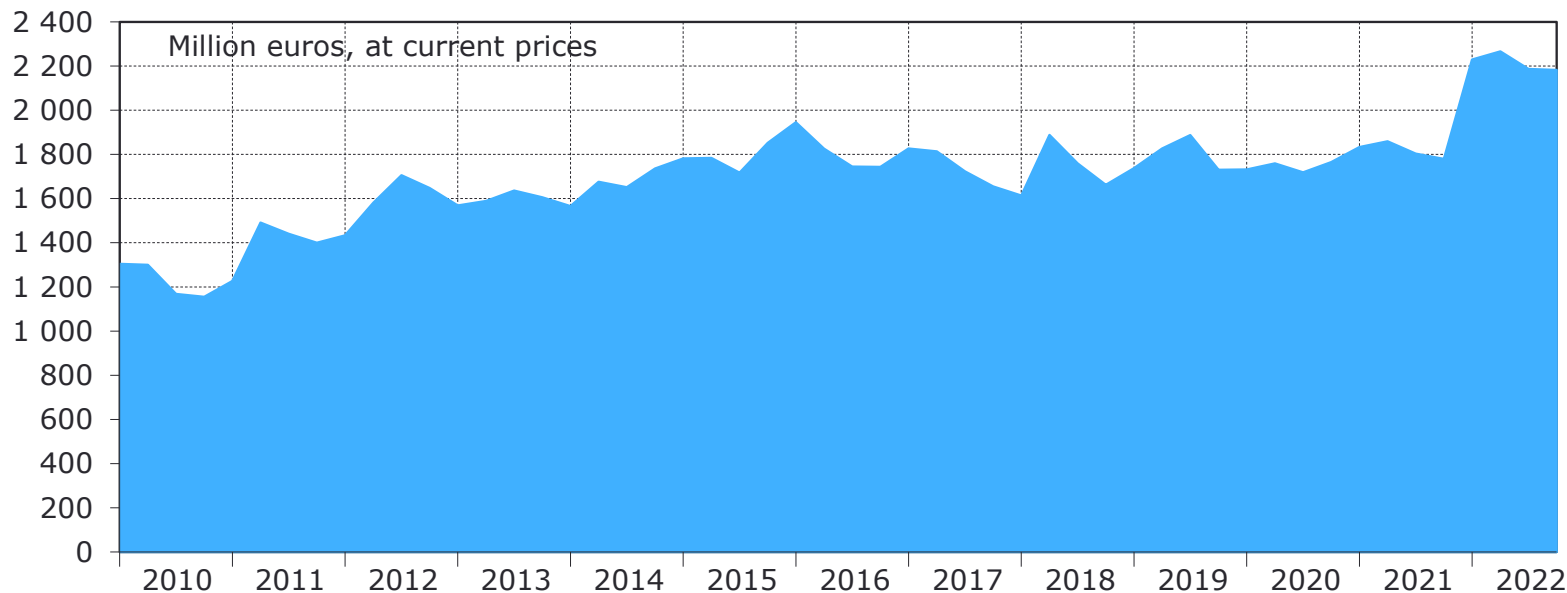
Value of new orders in the information technology* in Finland



Change:	IV/2022 / IV,2021	IV,2022 / III,2022
Combined:	-35 %	+30 %

*) Excl. game industry and data center companies

Value of Order Books in the Information Technology* in Finland



Change:	31.12.2022 / 31.12.2021	31.12.2022 / 30.9.2022
Combined:	+0 %	+2 %

*) Excl. game industry and data center companies