

# Norges Bank's regional network

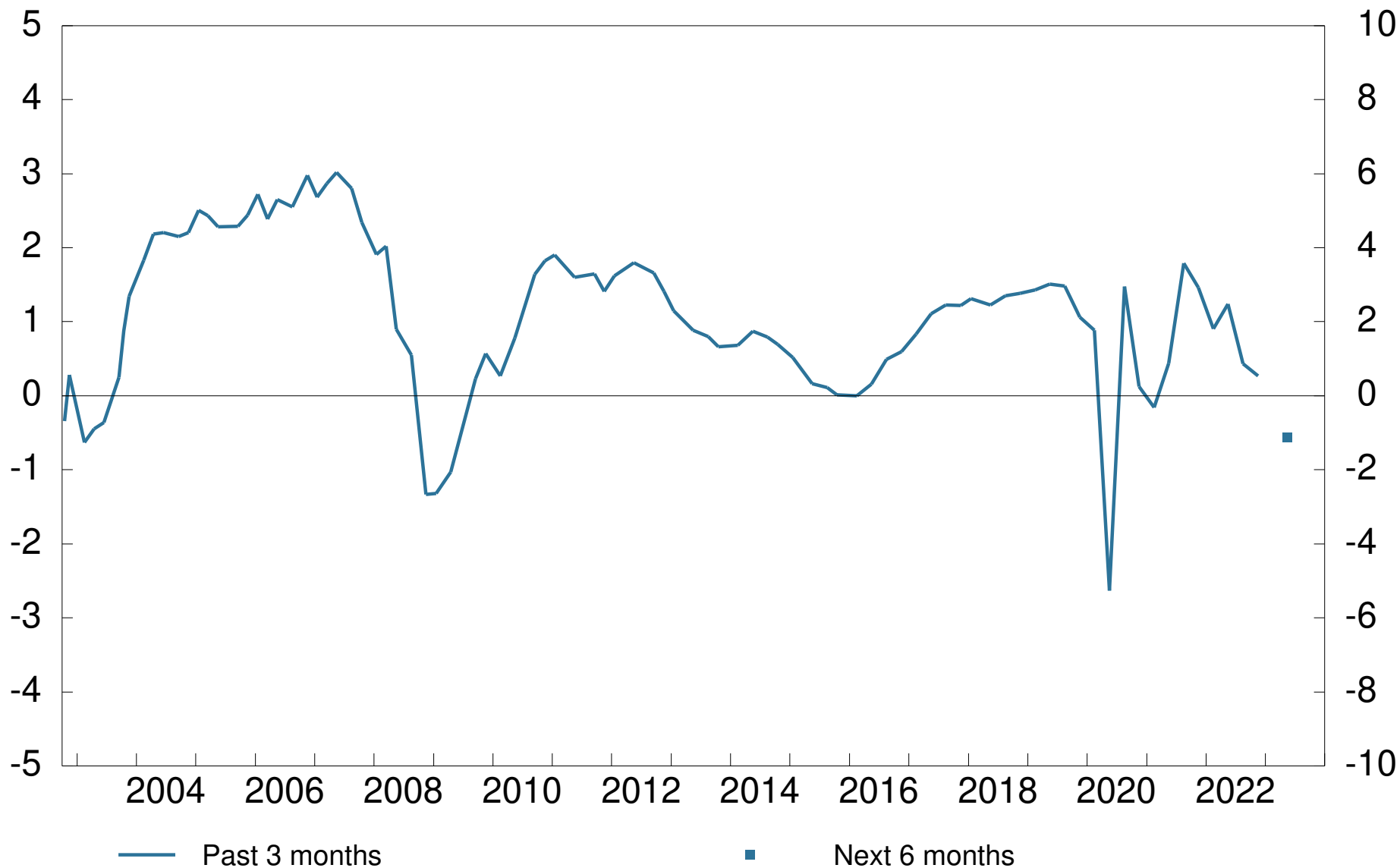
## Survey 2022 4, National Charts

Interviews primarily carried out  
24 October - 11 November

# 1 Output growth. Aggregated

Past 3 months and next 6 months

Index<sup>1</sup>, left-hand scale; percent (annualised), right-hand scale



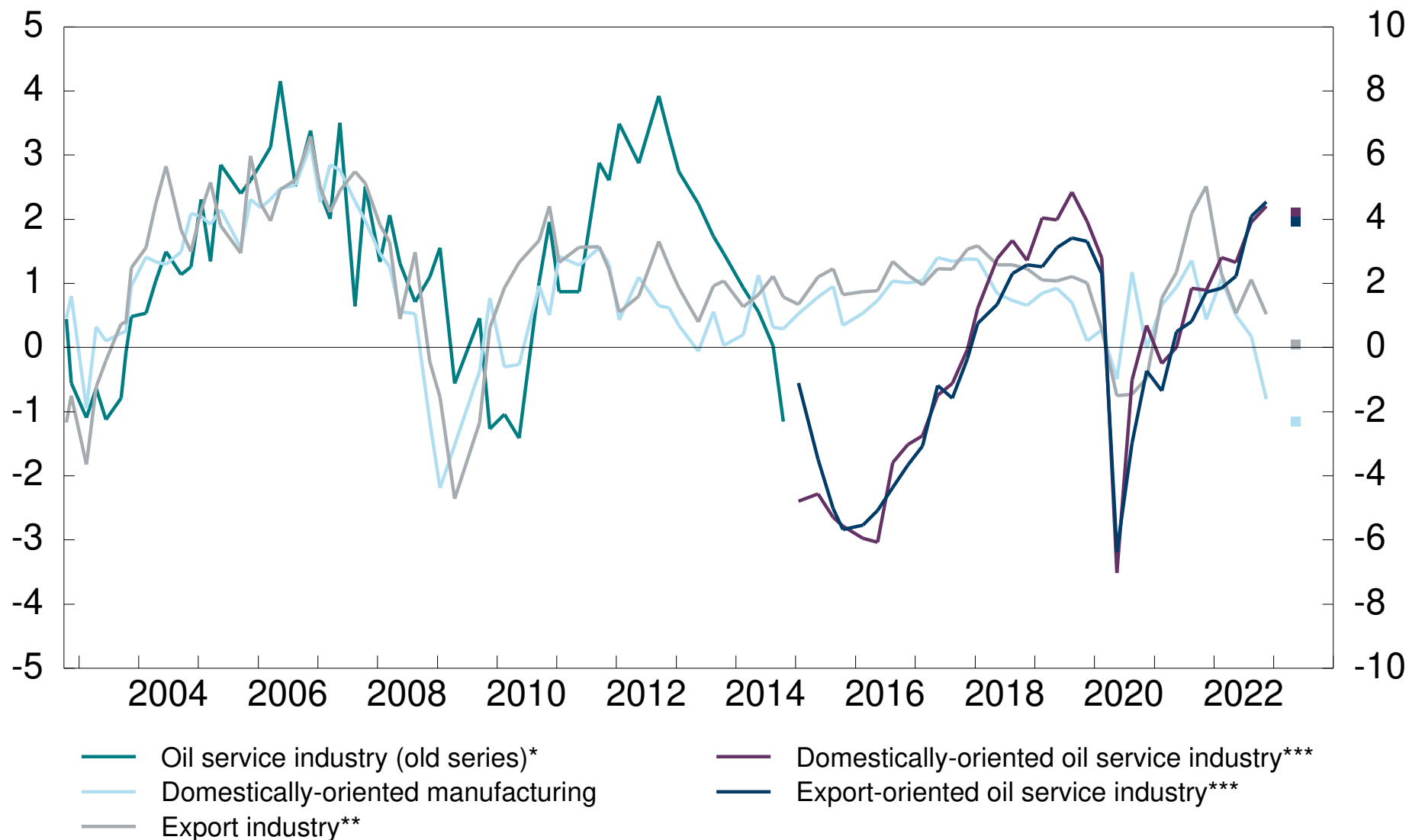
<sup>1</sup> The index ranges from -5 to +5, where -5 indicates a sharp fall and +5 indicates strong growth.

Source: Norges Bank's regional network

## 2 Output growth. Manufacturing and oil service industry

Past 3 months and next 6 months

Index<sup>1</sup>, left-hand scale; percent (annualised), right-hand scale



\* Manufacturing enterprises with deliveries to the petroleum industry on the Norwegian continental shelf. Terminated series (2003-2014).

\*\* As from 2015, petroleum-specific deliveries of goods are excluded from this series.

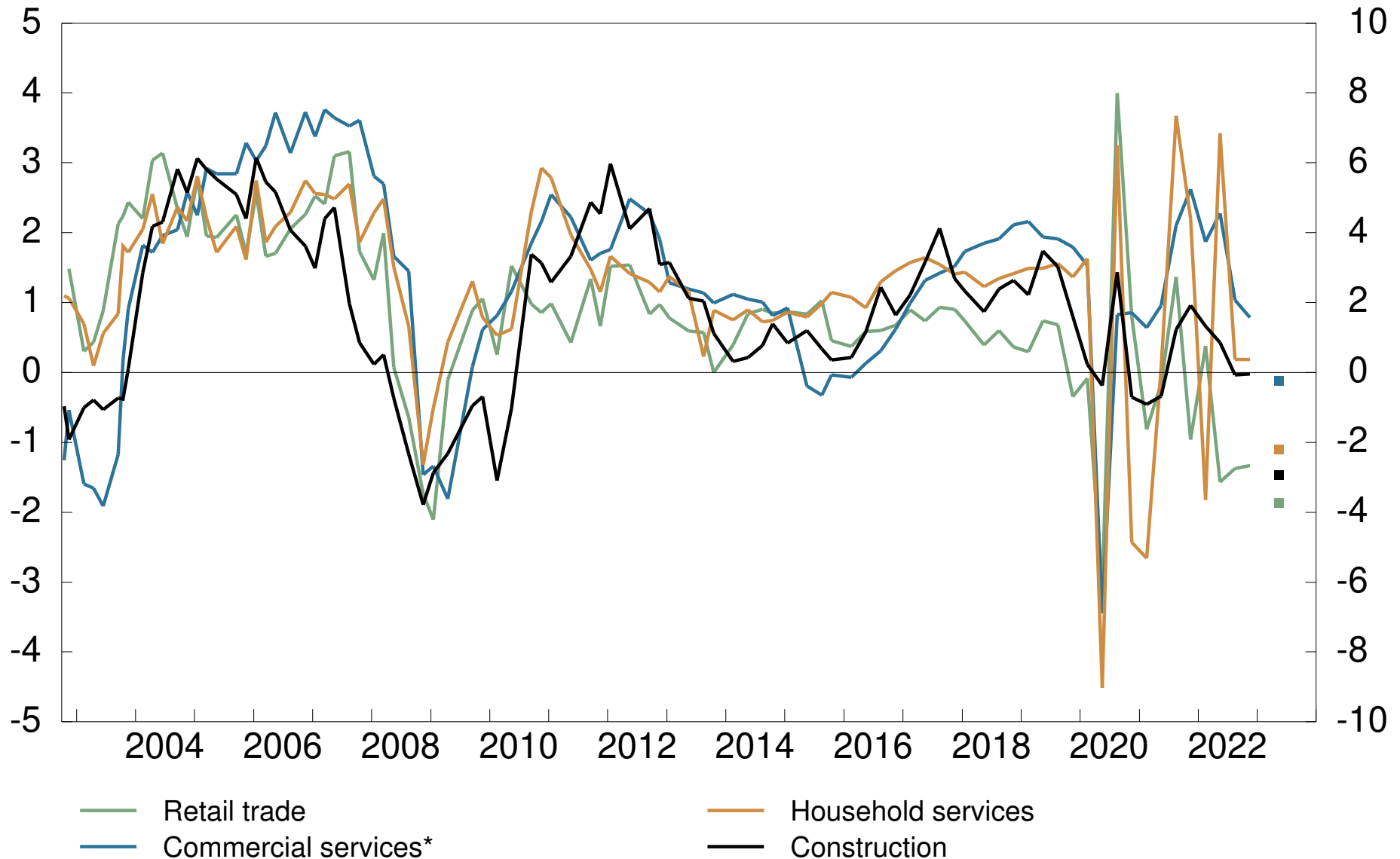
\*\*\* Includes petroleum-specific deliveries of goods and services.

Source: Norges Bank's regional network

# 3 Output growth. Retail trade, services and construction

Past 3 months and next 6 months

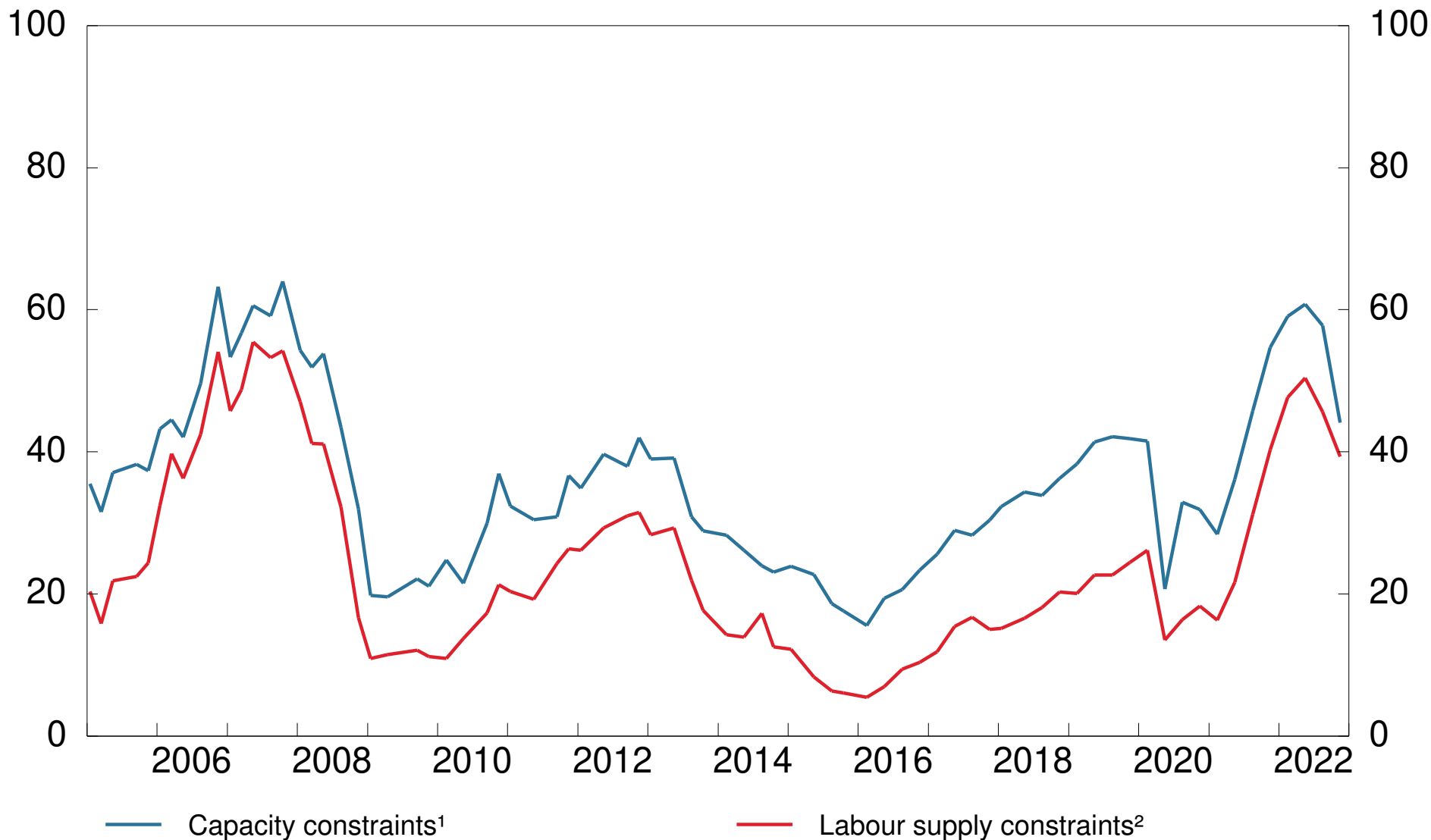
Index<sup>1</sup>, left-hand scale; percent (annualised), right-hand scale



\* As from 2015, petroleum-specific deliveries of services are excluded from this series.

Source: Norges Bank's regional network

# 4 Capacity constraints and labour supply constraints. Aggregated Percent



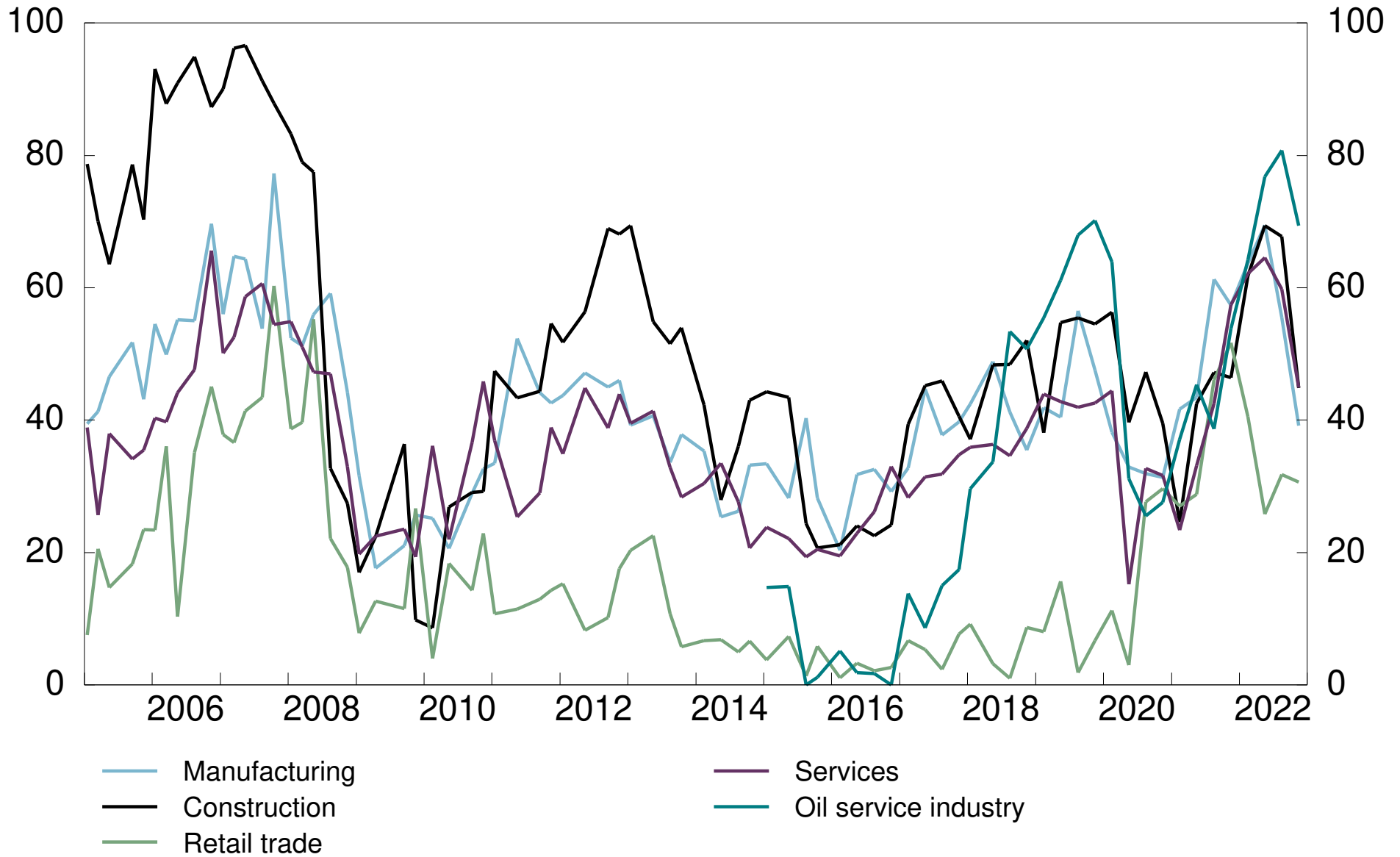
<sup>1</sup> Share of contacts that will have some or considerable problems accommodating an increase in demand.

<sup>2</sup> Share of contacts where production is constrained by labour supply.

Source: Norges Bank's regional network

# 5 Capacity constraints<sup>1</sup>. All sectors

Percent

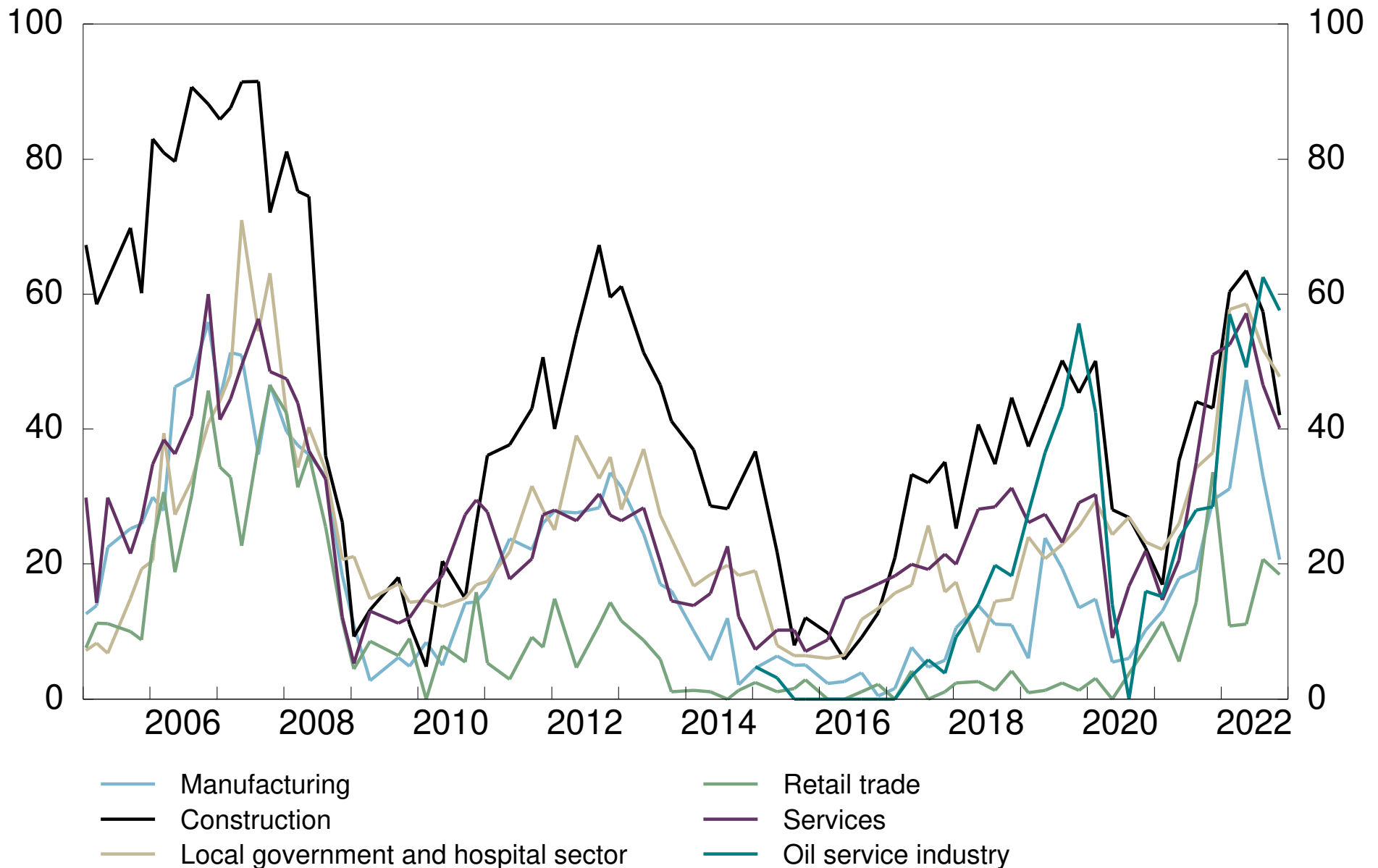


<sup>1</sup> Share of contacts that will have some or considerable problems accommodating an increase in demand.

Source: Norges Bank's regional network

# 6 Labour supply constraints<sup>1</sup>. All sectors

Percent

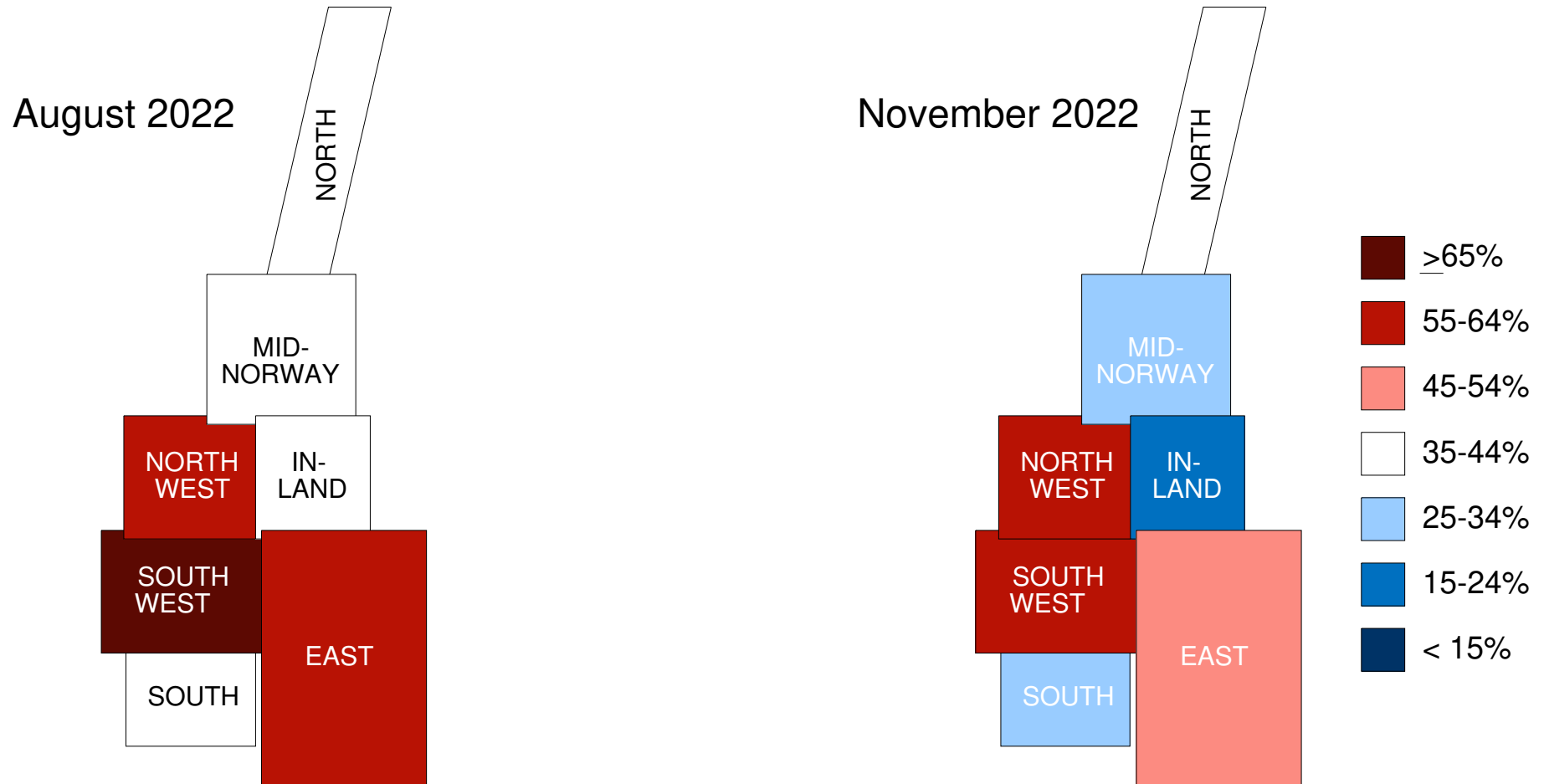


<sup>1</sup> Share of contacts where production is constrained by labour supply.

Source: Norges Bank's regional network

# 7 Capacity constraints. All regions. Aggregated

Share of contacts that will have some or considerable problems accommodating an increase in demand

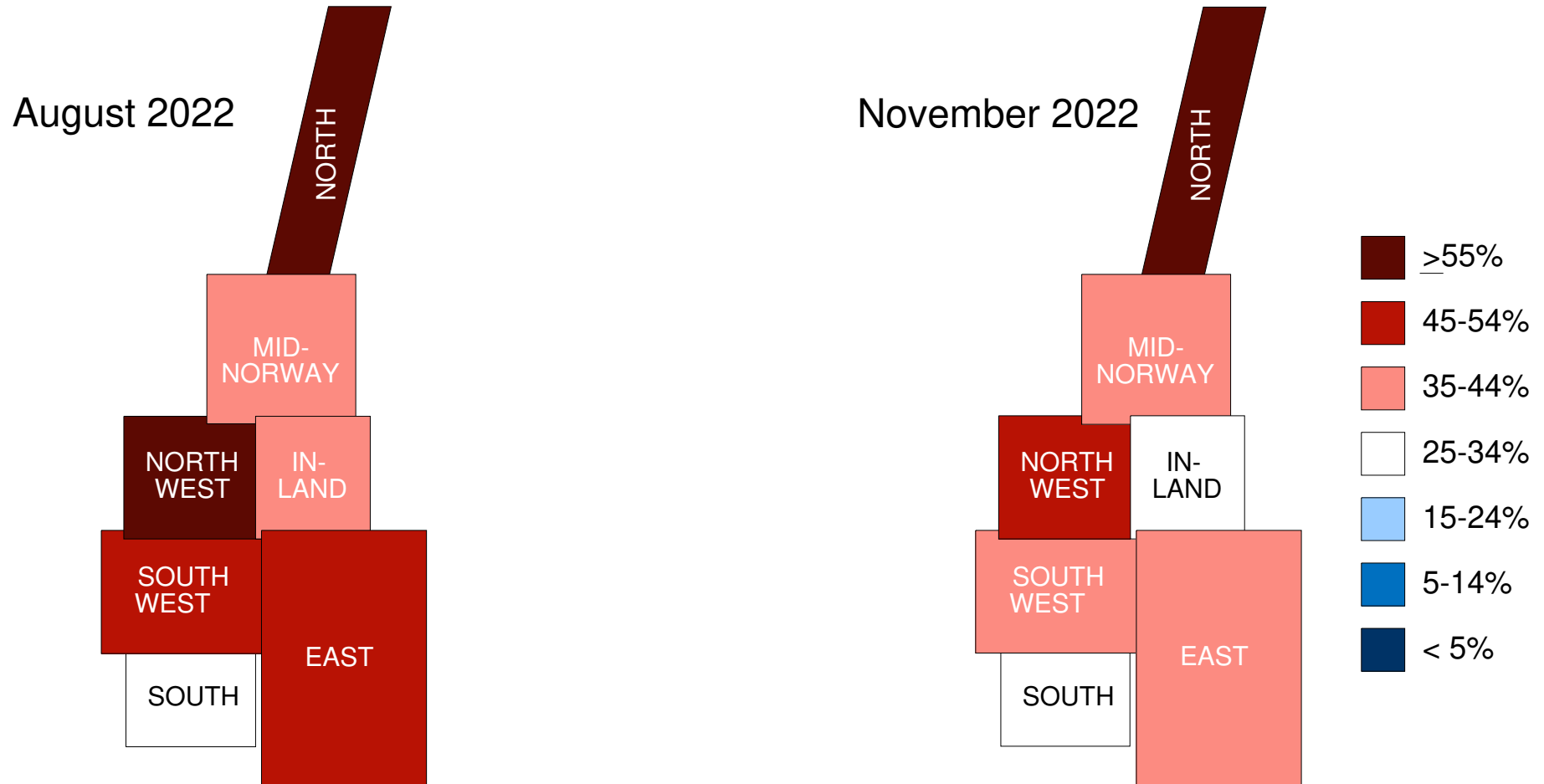


Source: Norges Bank's regional network



# 8 Labour supply constraints. All regions. Aggregated

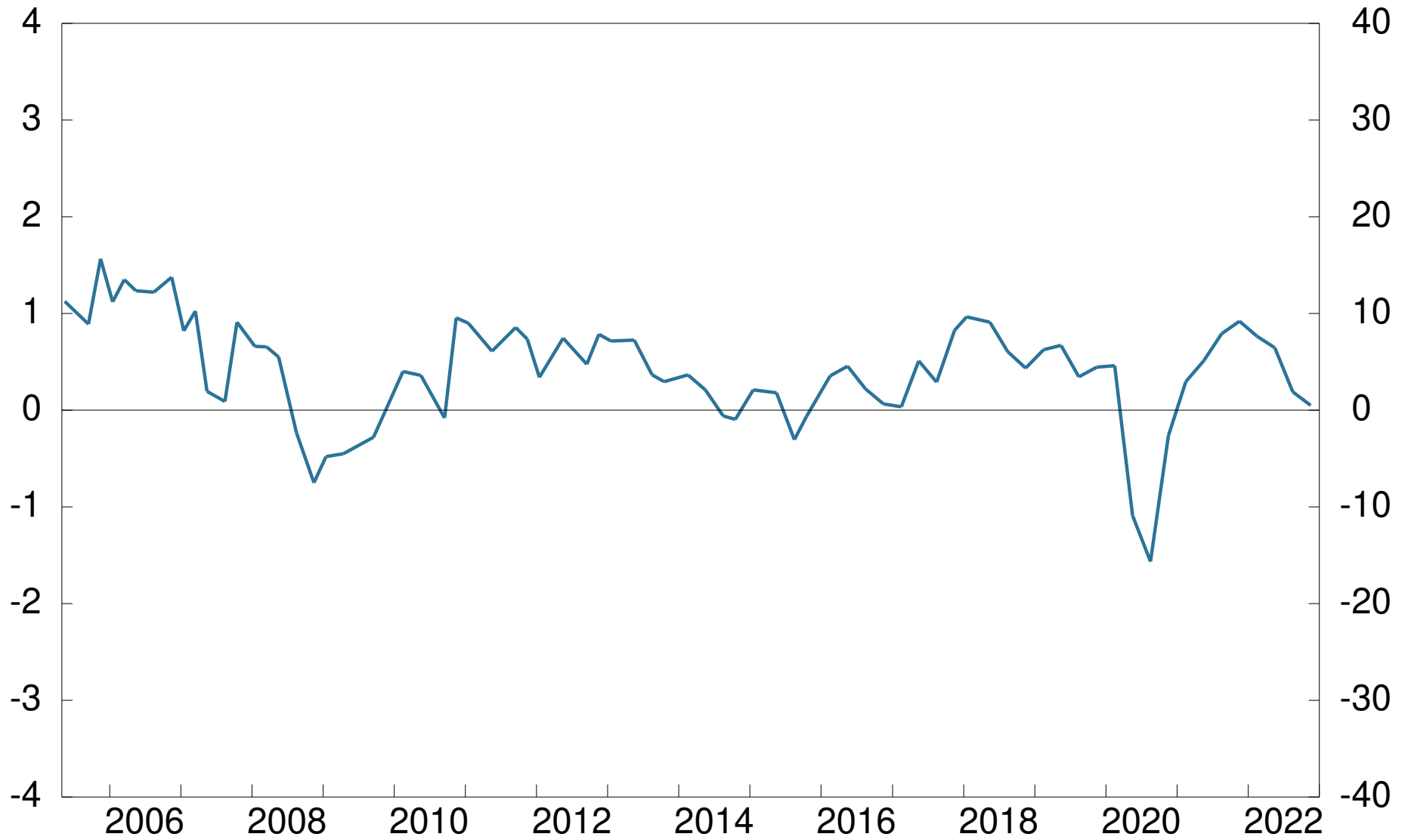
Share of contacts where production is constrained by labour supply



Source: Norges Bank's regional network

# 9 Investment growth. Aggregated

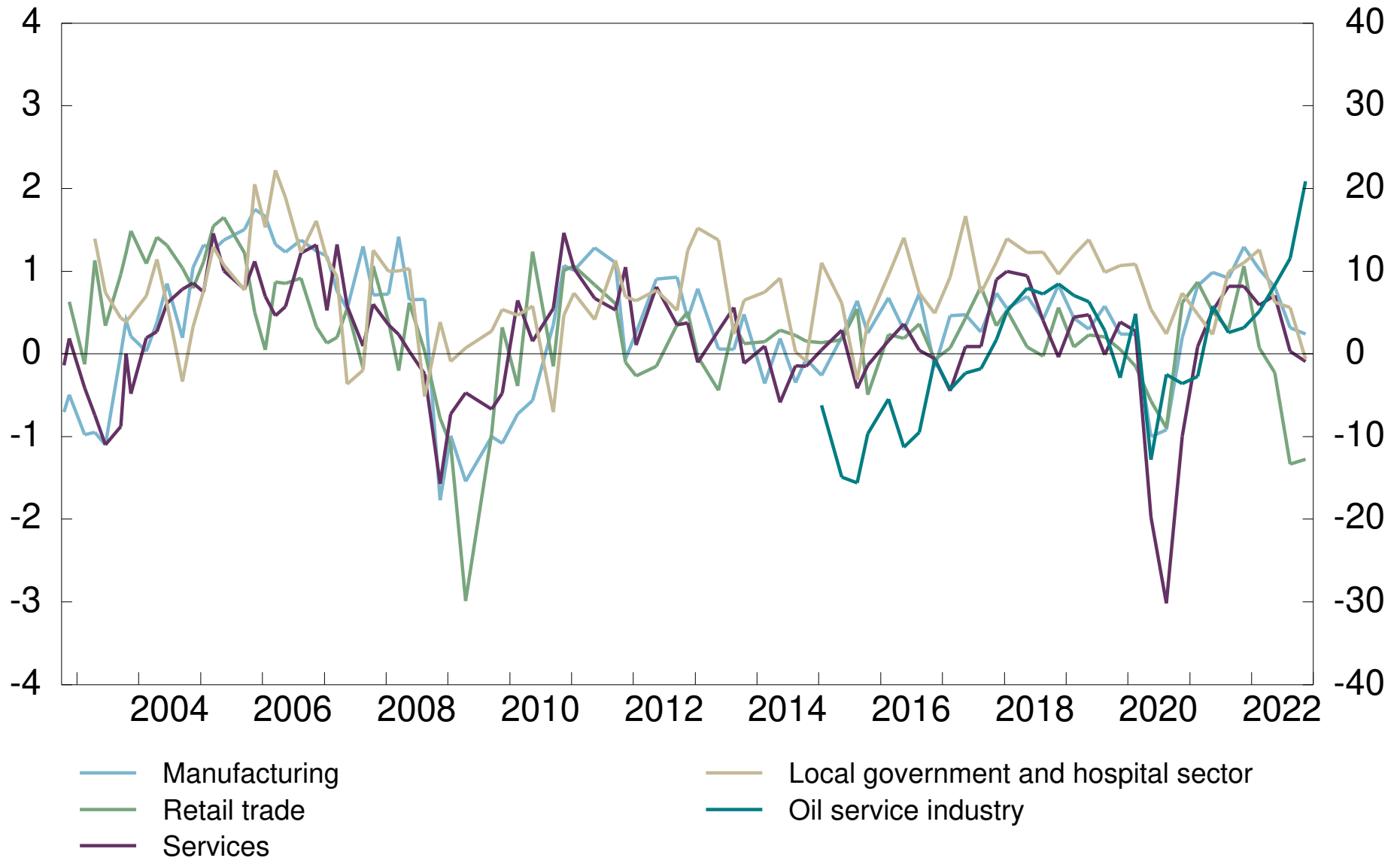
Expected change in investment next 12 months  
Index, left-hand scale; percent, right-hand scale



Source: Norges Bank's regional network

# 10 Investment growth. All sectors

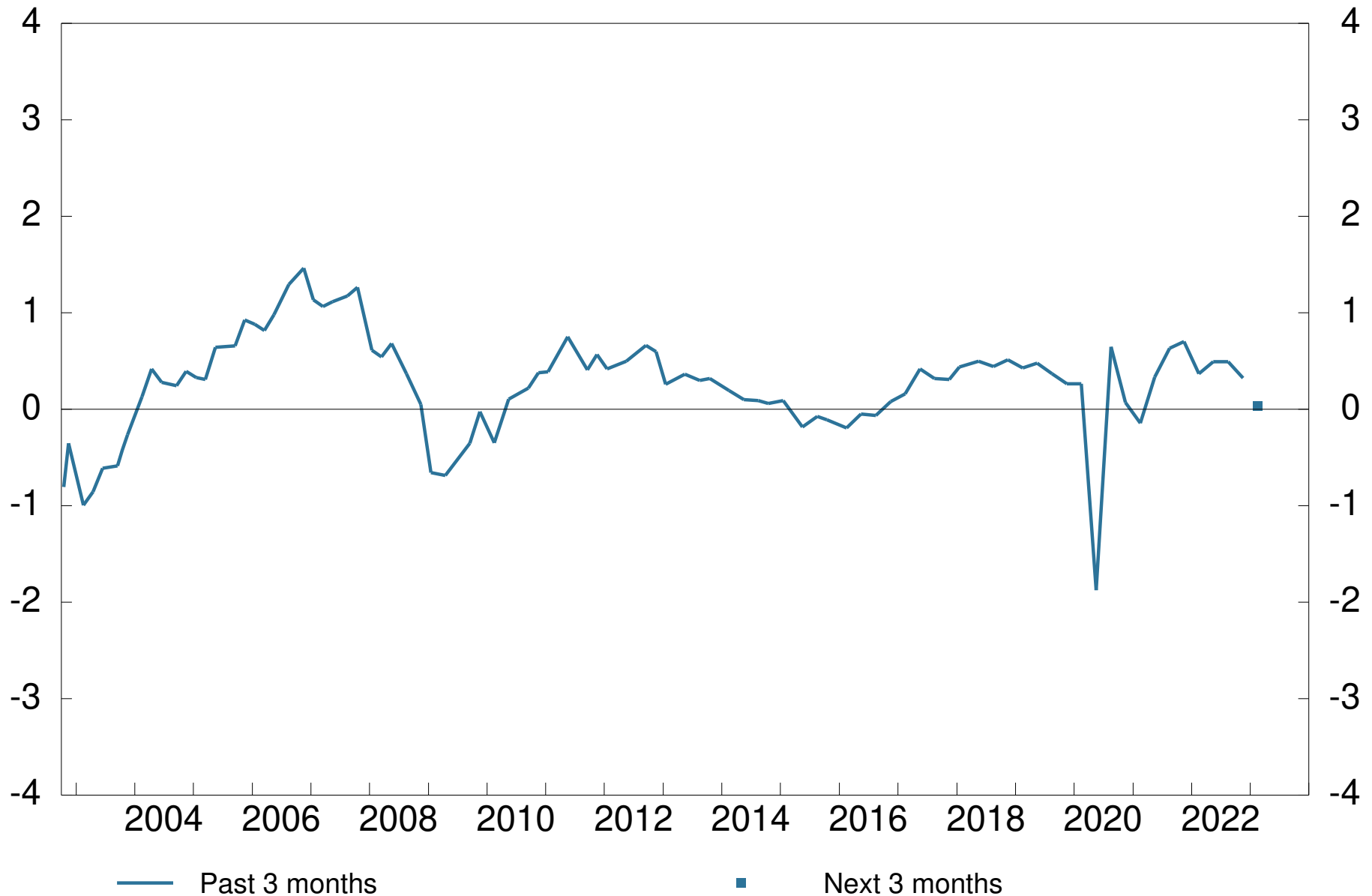
Expected change in investment next 12 months  
 Index<sup>1</sup>, left-hand scale; percent, right-hand scale



Source: Norges Bank's regional network

# 11 Employment growth. Aggregated

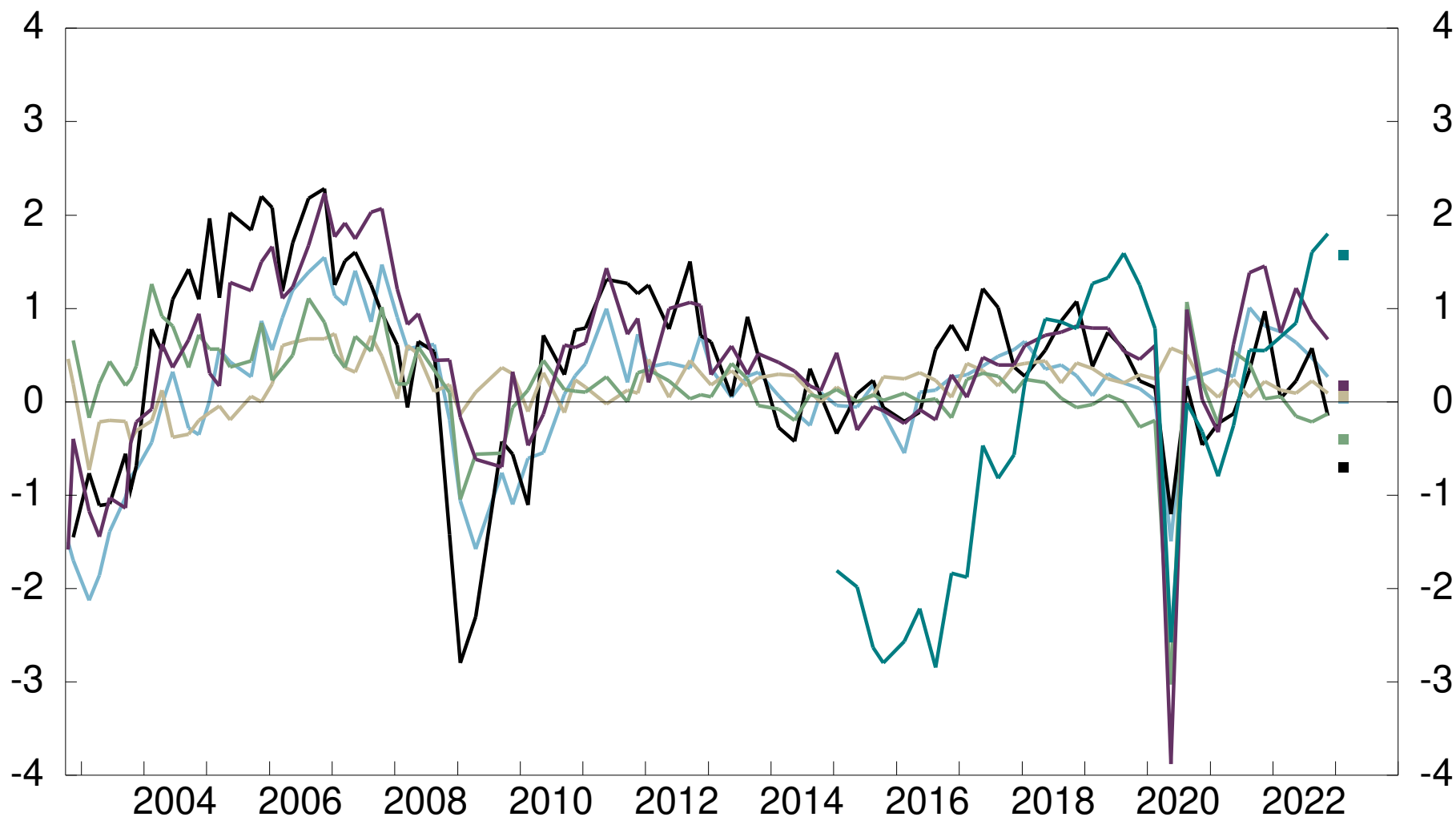
Past 3 months and next 3 months. Percent



Source: Norges Bank's regional network

# 12 Employment growth. All sectors

Past 3 months and next 3 months. Percent

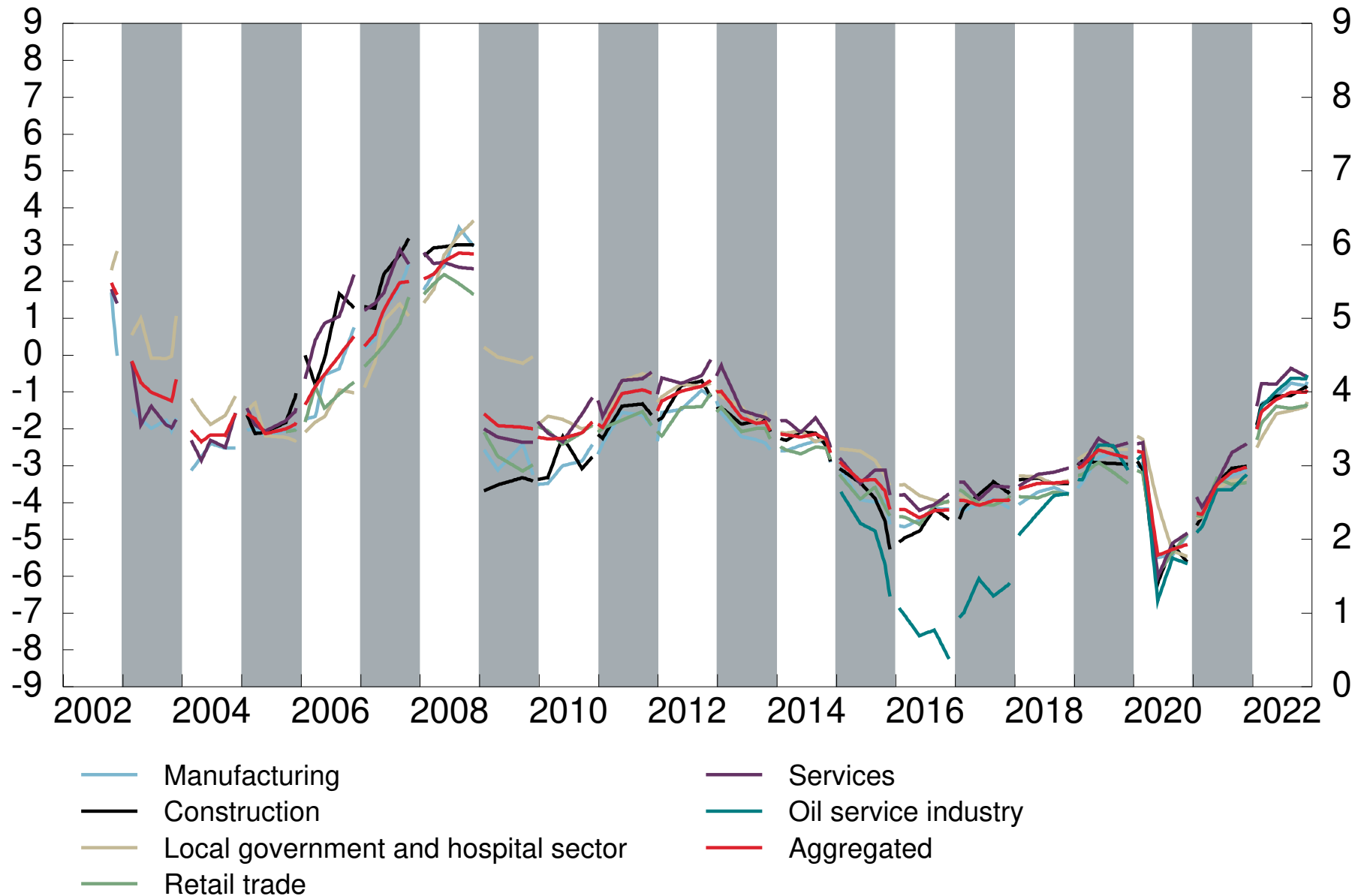


- Manufacturing
- Construction
- Local government and hospital sector
- Retail trade
- Services
- Oil service industry

Source: Norges Bank's regional network

# 13 Annual wage growth. Aggregated and all sectors

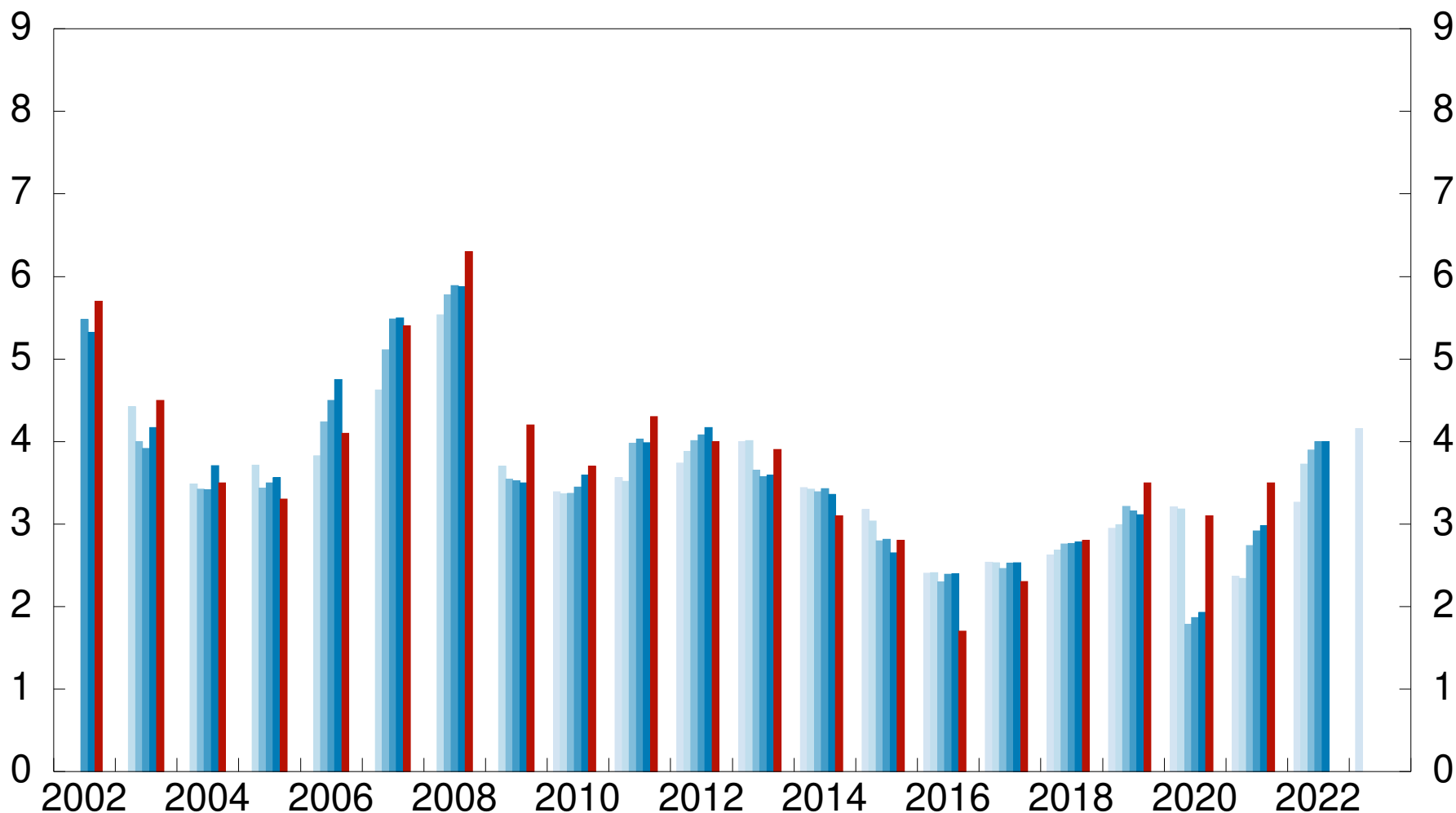
Index - left-hand scale, percent - right-hand scale



Source: Norges Bank's regional network

# 14 Annual wage growth. Aggregated

Annual wage growth in the national accounts compared with Regional Network (RN) estimates. Percent



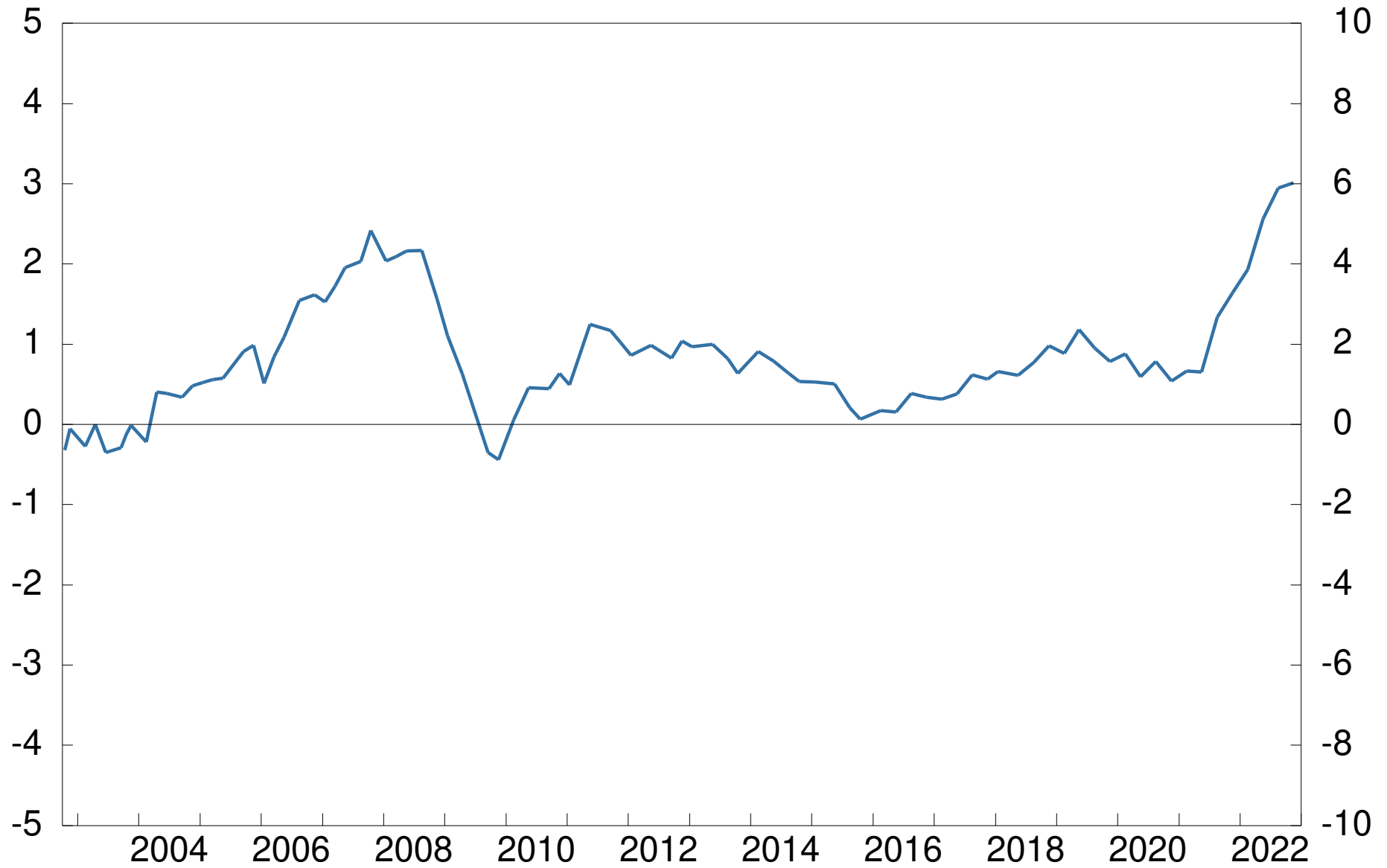
RN (autumn previous year)  
 RN winter  
 RN spring

RN summer  
 RN autumn  
 Annual wage growth in the national accounts

Source: Statistics Norway and Norges Bank's regional network

# 15 Selling prices. Aggregated

Change past 12 months. Index, left-hand scale; percent, right-hand scale

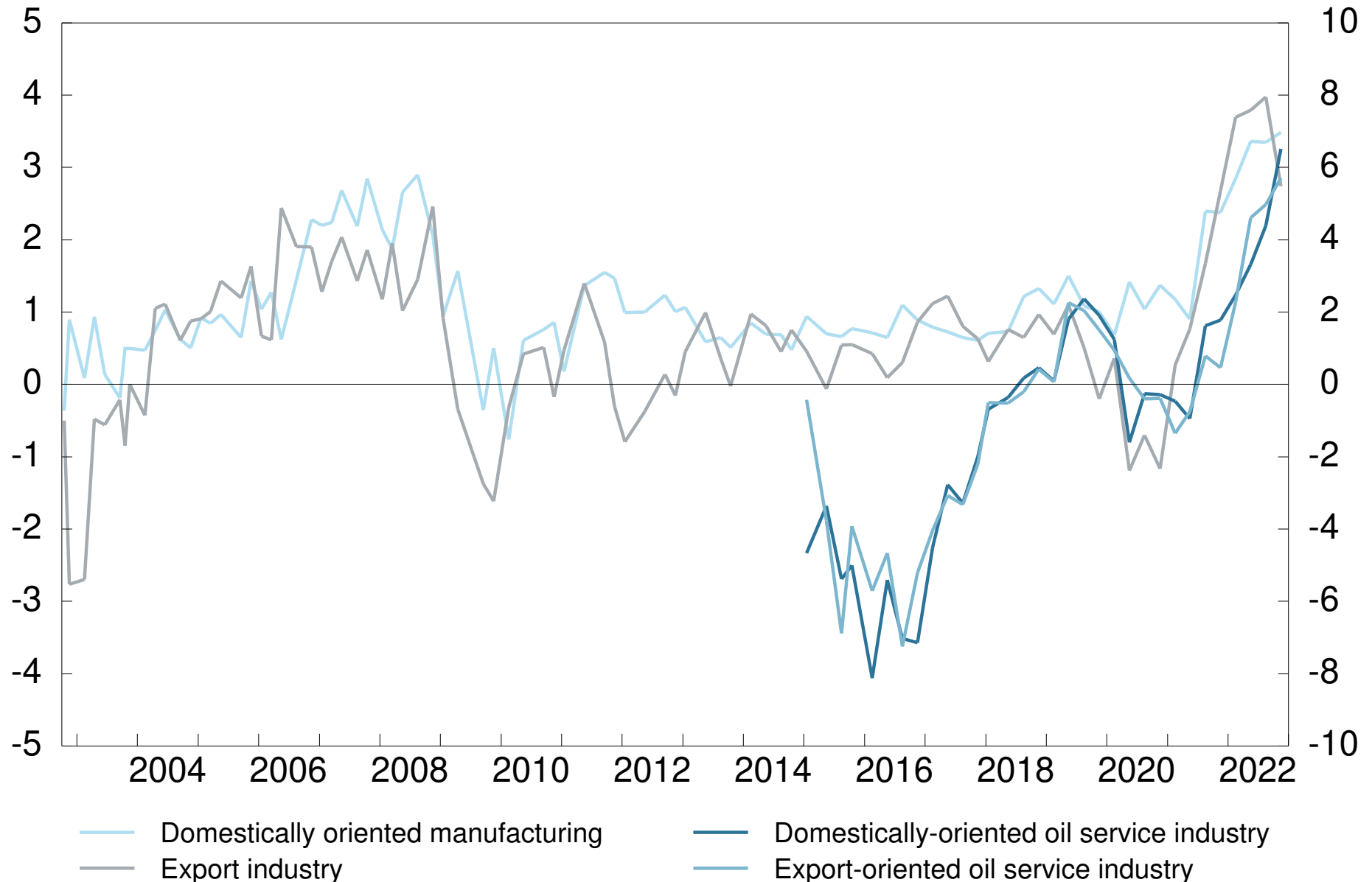


Source: Norges Bank's regional network



# 16 Selling prices. Manufacturing and oil service industry

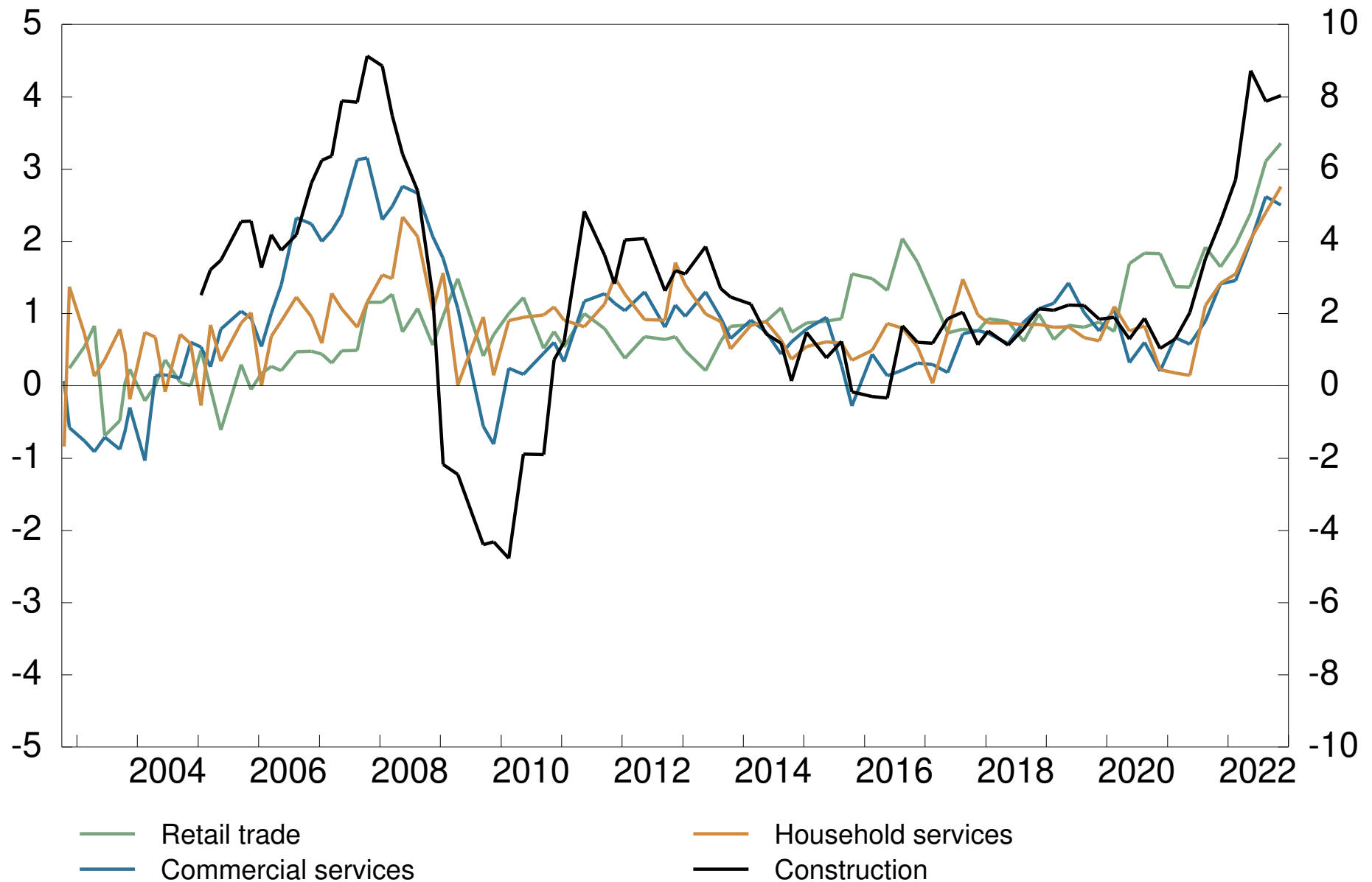
Change past 12 months. Index, left-hand scale; percent, right-hand scale



Source: Norges Bank's regional network

# 17 Selling prices. Retail trade, services and construction

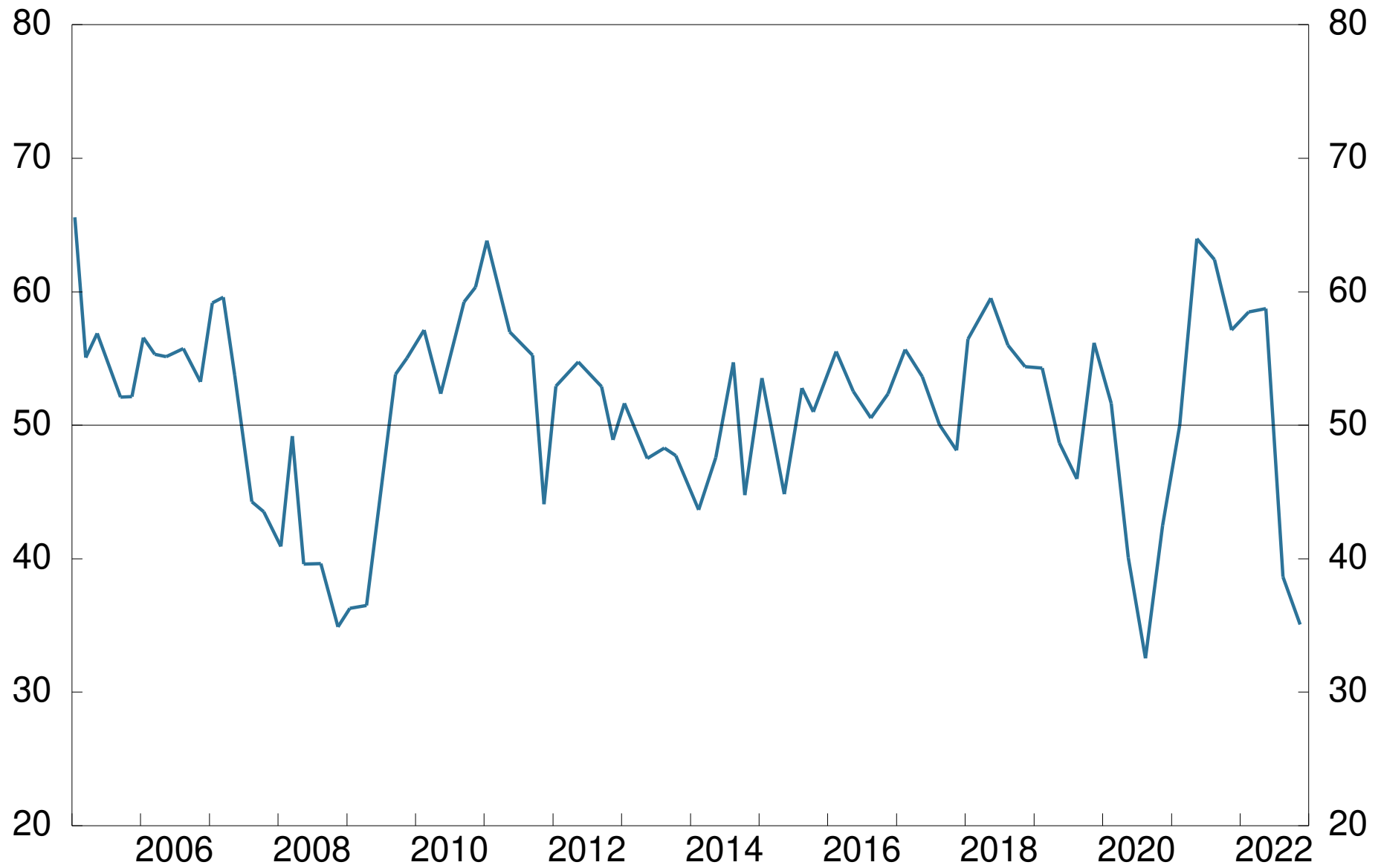
Change past 12 months. Index, left-hand scale; percent, right-hand scale



Source: Norges Bank's regional network

# 18 Selling prices 12 months ahead. Aggregated

Expected change in rise in prices. Diffusion index<sup>1</sup>

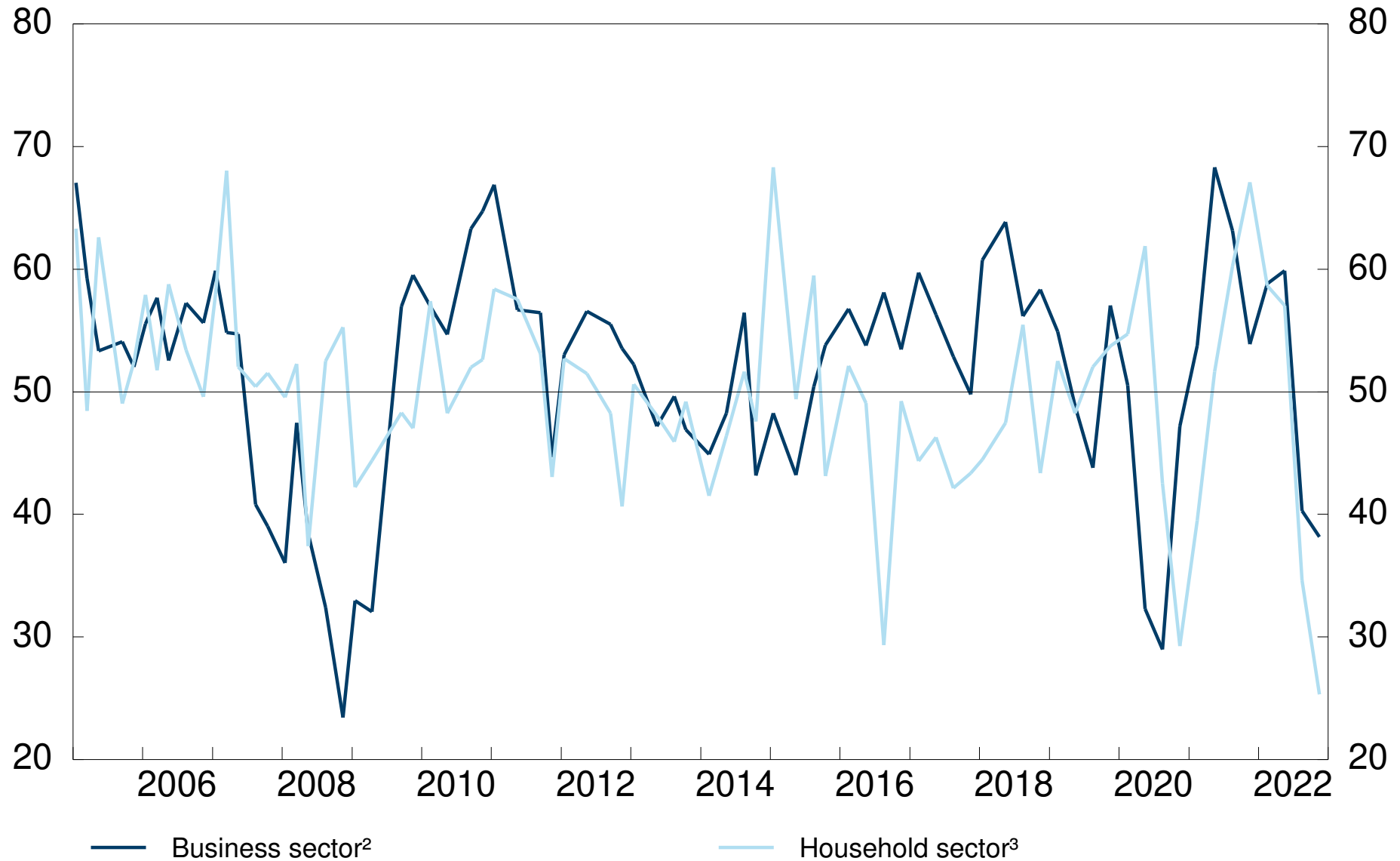


<sup>1</sup> Share that expects higher rise in prices + (1/2 \* share that expects prices to remain unchanged).

Source: Norges Bank's regional network

# 19 Selling prices next 12 months. Business and household sector

Expected change in rise in prices. Diffusion index<sup>1</sup>



<sup>1</sup> Share that expects higher rise in prices + (1/2 \* share that expects rise in prices to remain unchanged).

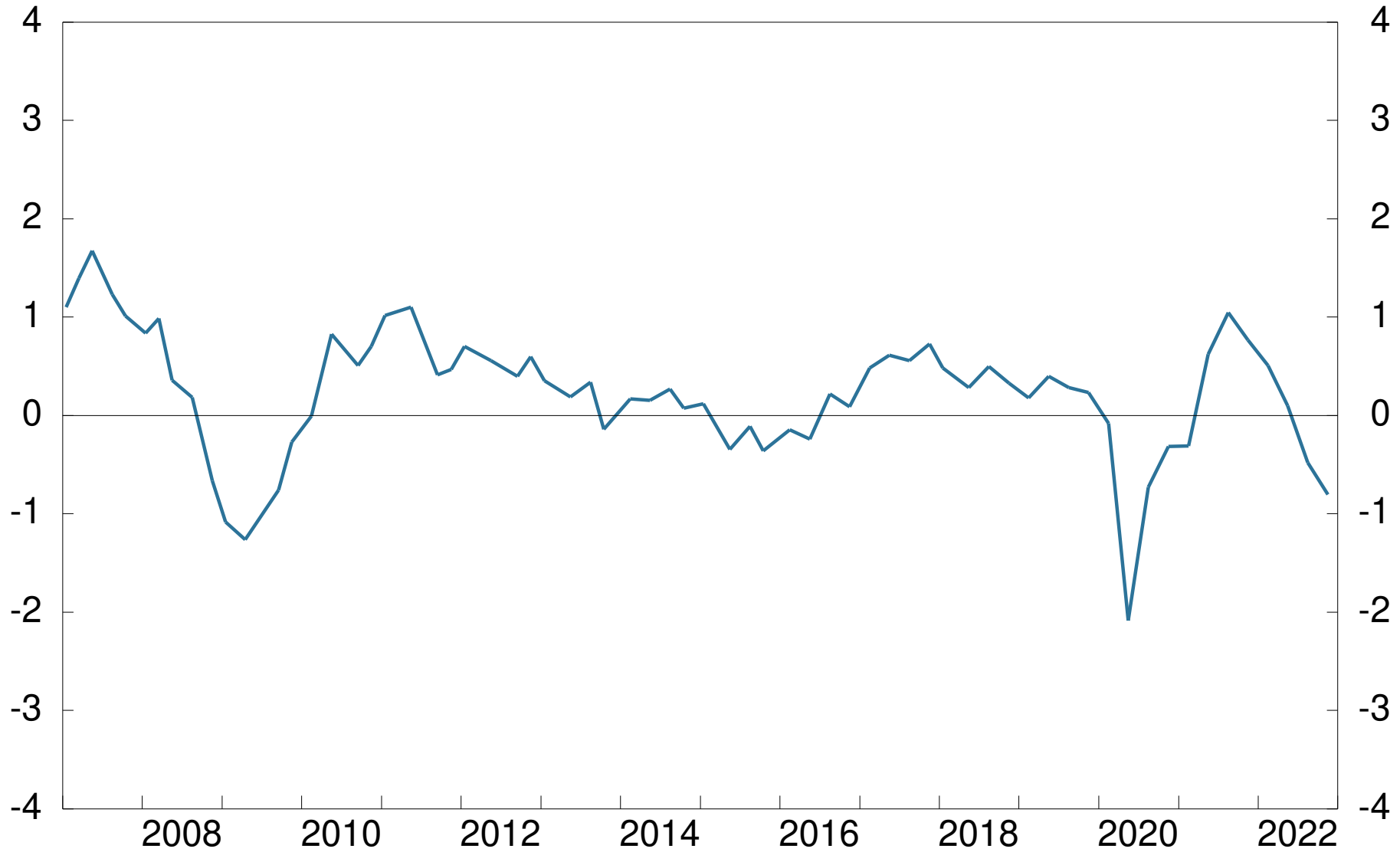
<sup>2</sup> Manufacturing, oil service industry, construction, commercial services.

<sup>3</sup> Retail trade, household services.

Source: Norges Bank's regional network

# 20 Profitability. Aggregated

Change in operating margins past 3 months compared to same period a year earlier  
Index<sup>1</sup>



<sup>1</sup> The index ranges from -5 to +5, where -5 indicates a sharp fall and +5 indicates strong growth.

Source: Norges Bank's regional network