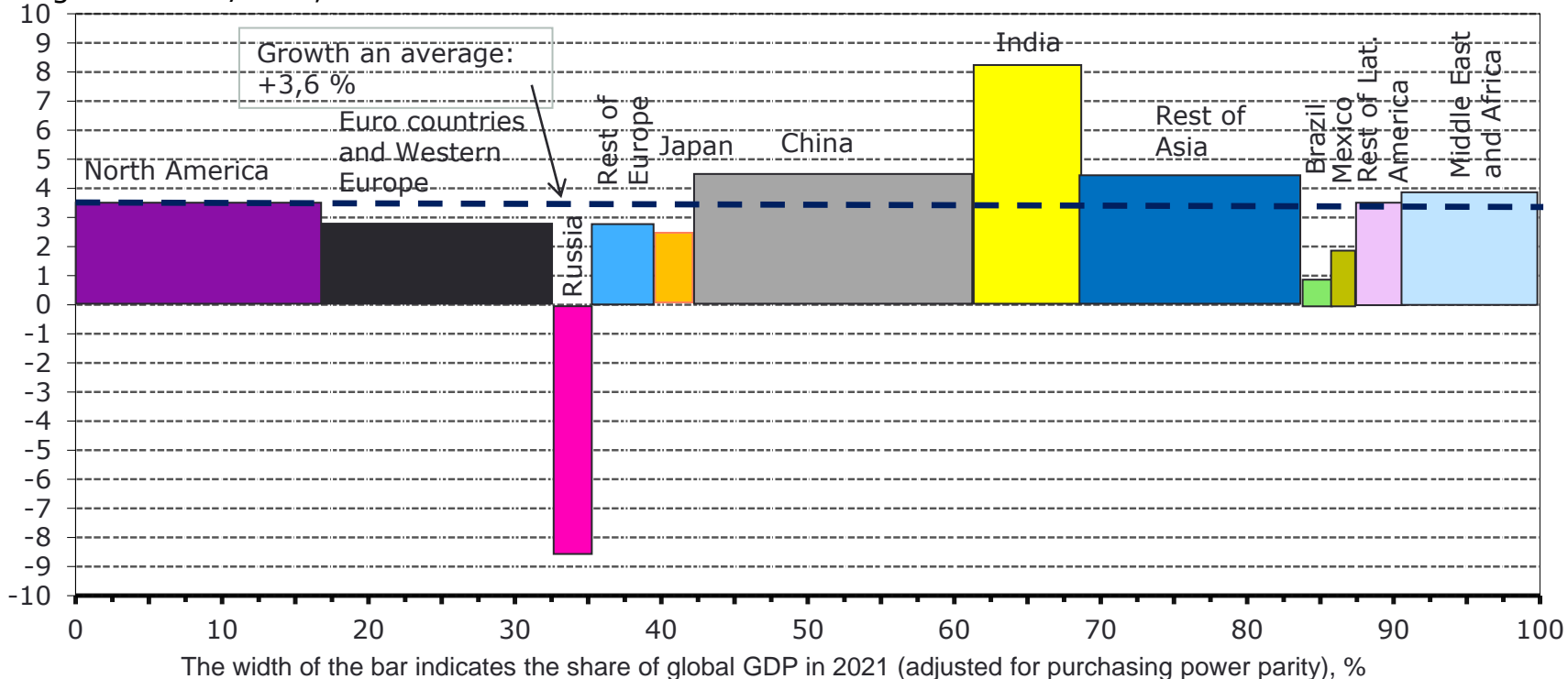




Development of the World and the Finnish Economy

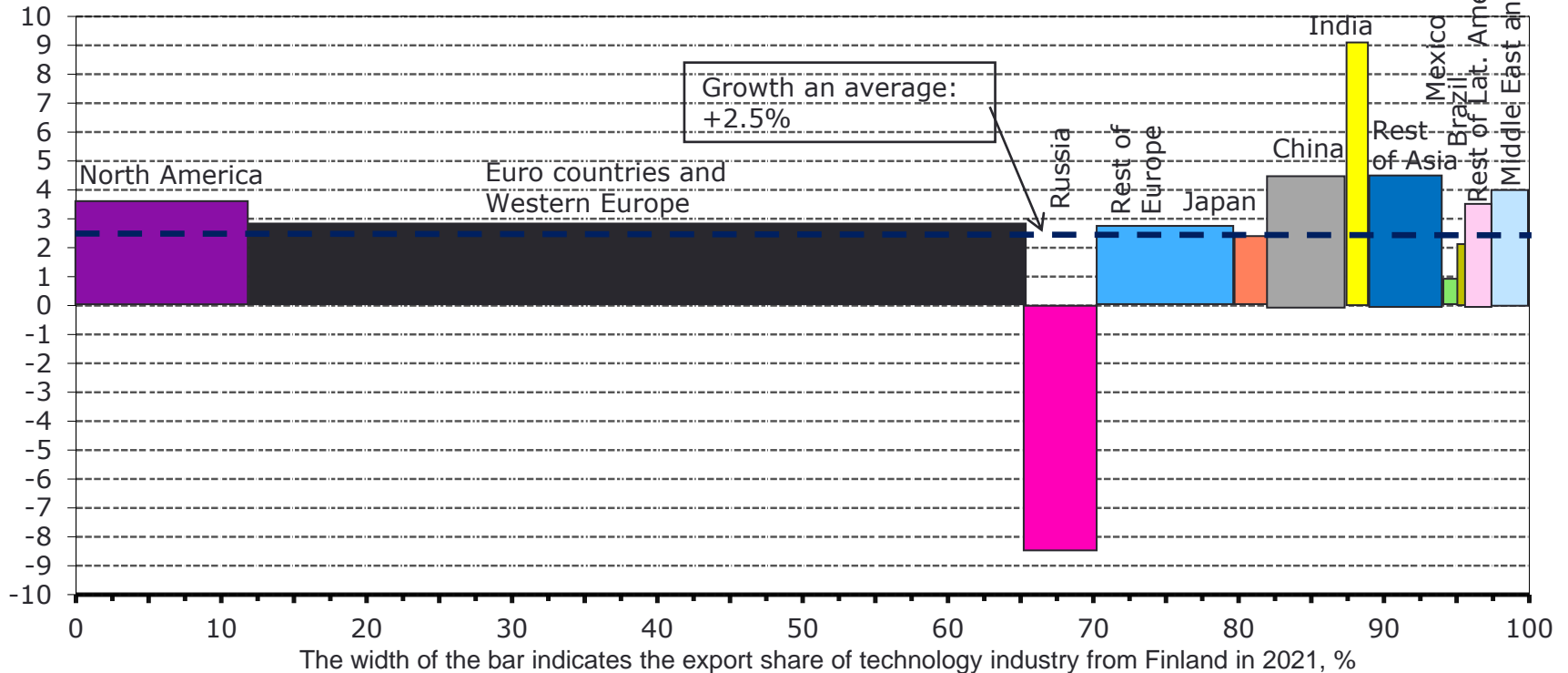
The global economy is forecast to grow by 3.6% in 2022, after grew by 6.1% in 2021

GDP growth 2022/2021, %



In the Export Market of the Technology Industry, Demand Will Increase by 2.5% in 2022

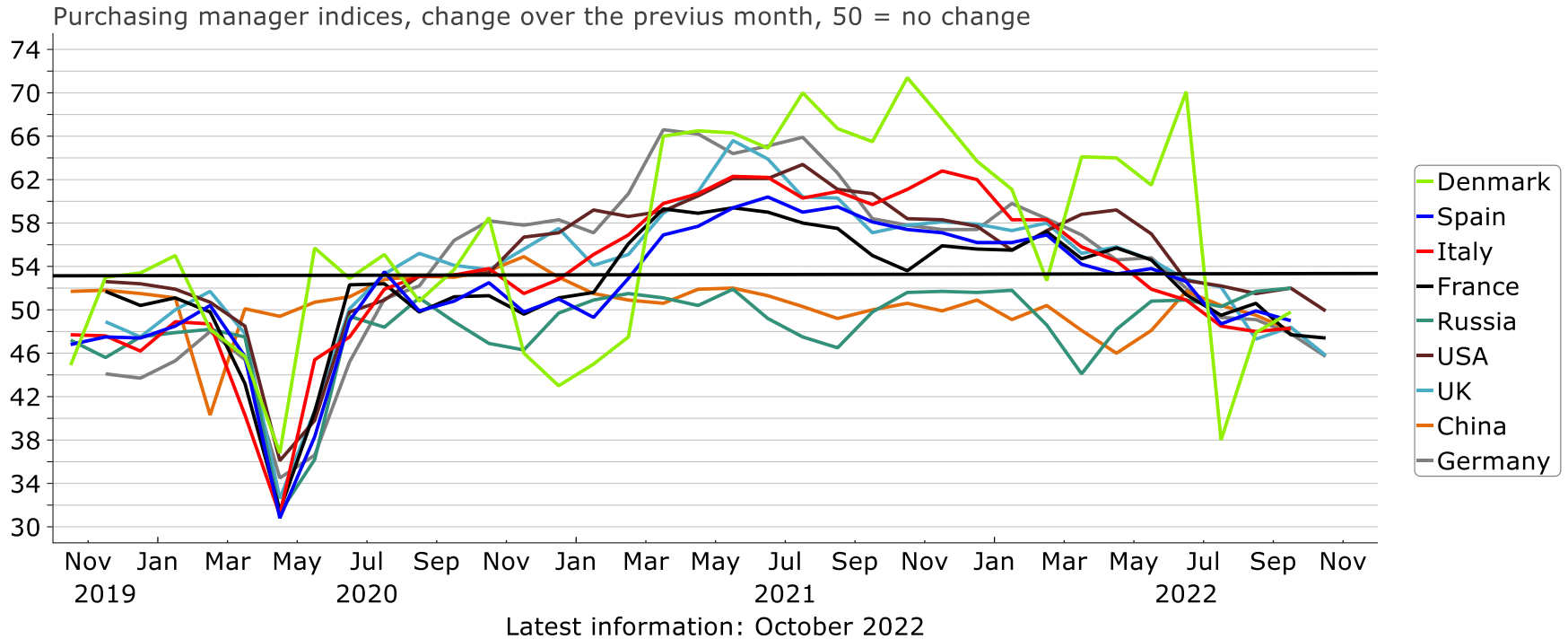
GDP growth 2022/2021, %



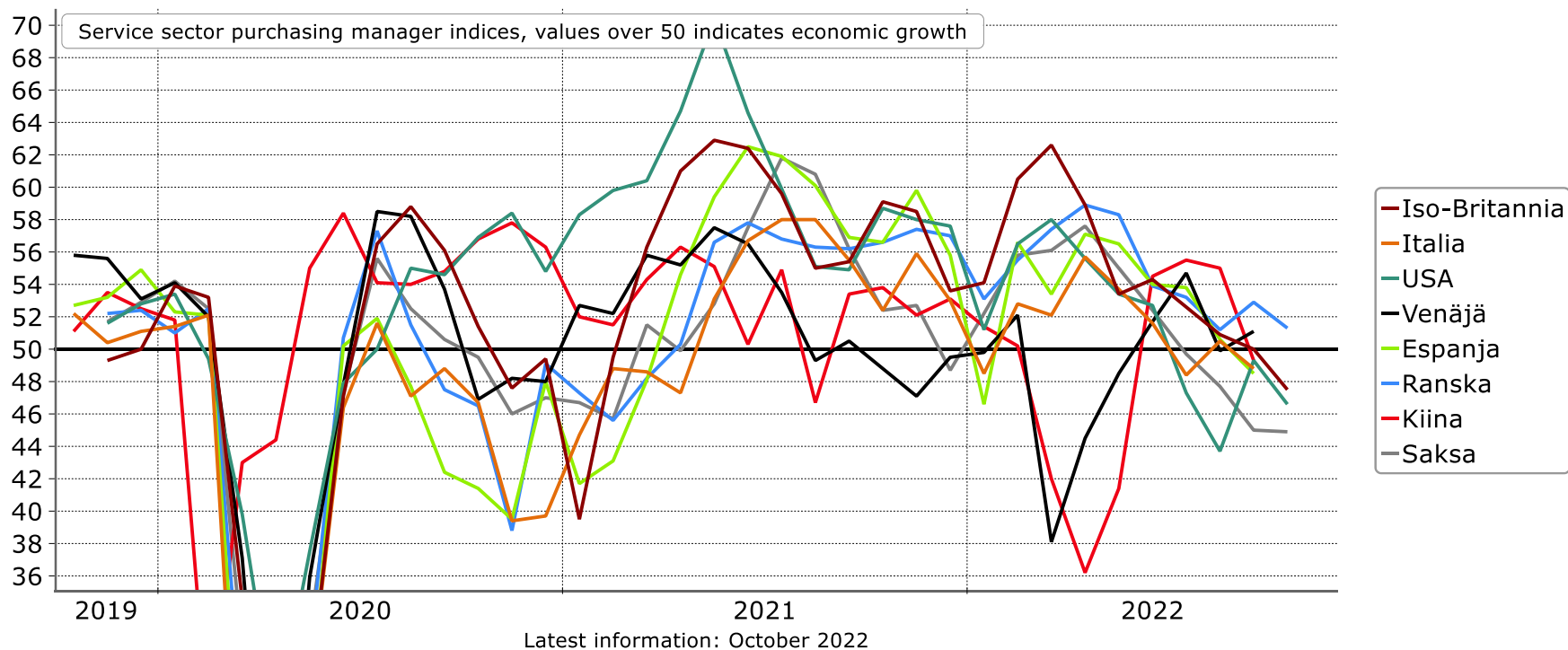
Eurozone manufacturing and services (=whole business sector) purchasing manager index



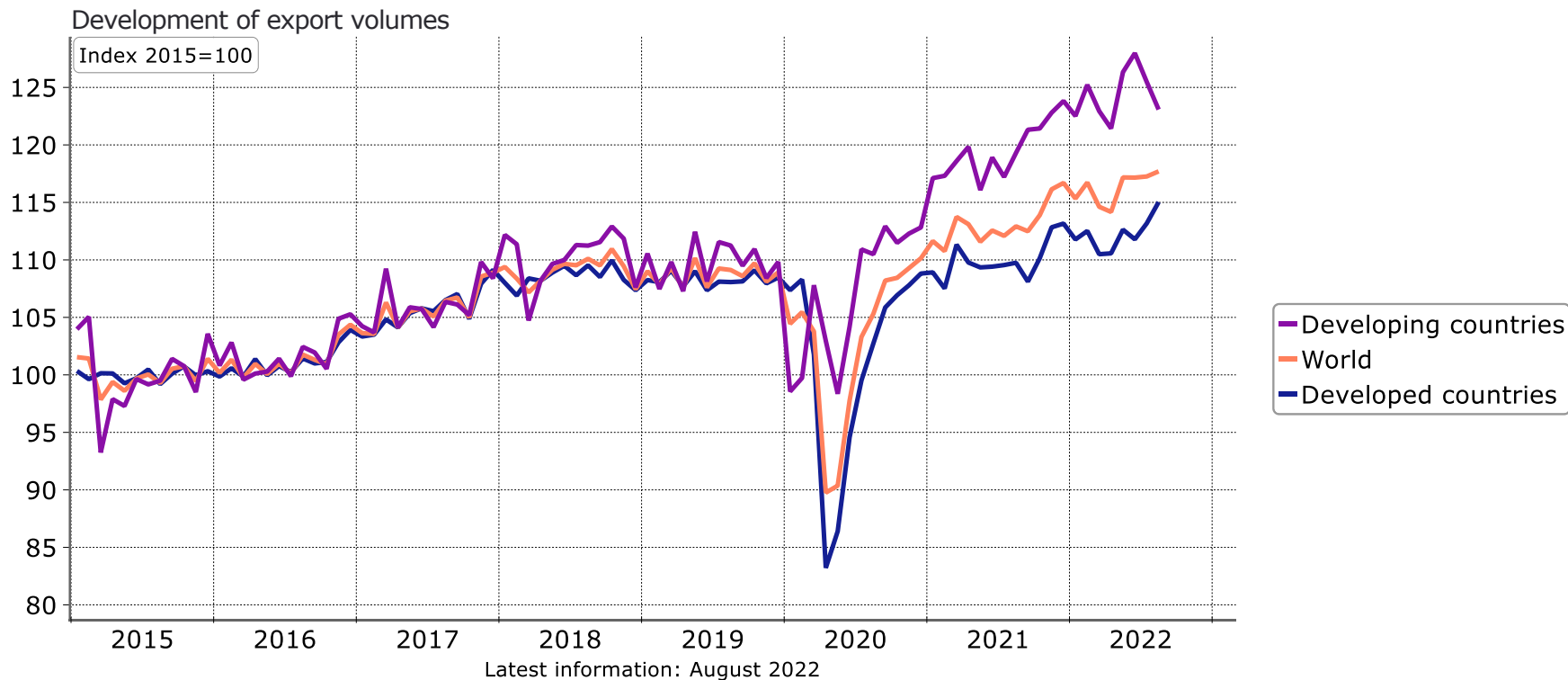
Manufacturing industry purchasing managers indices



Service sector purchasing manager indices



Development of world trade



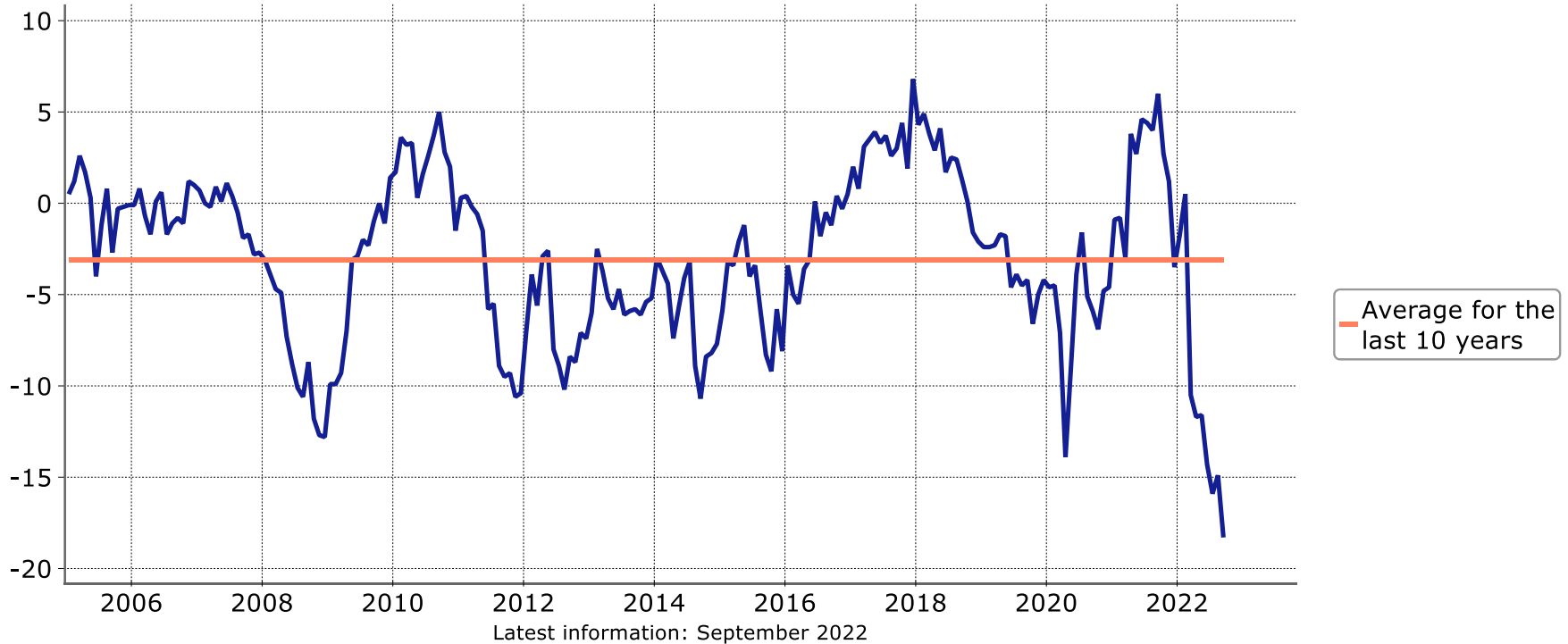
Consumer Confidence in Eurozone



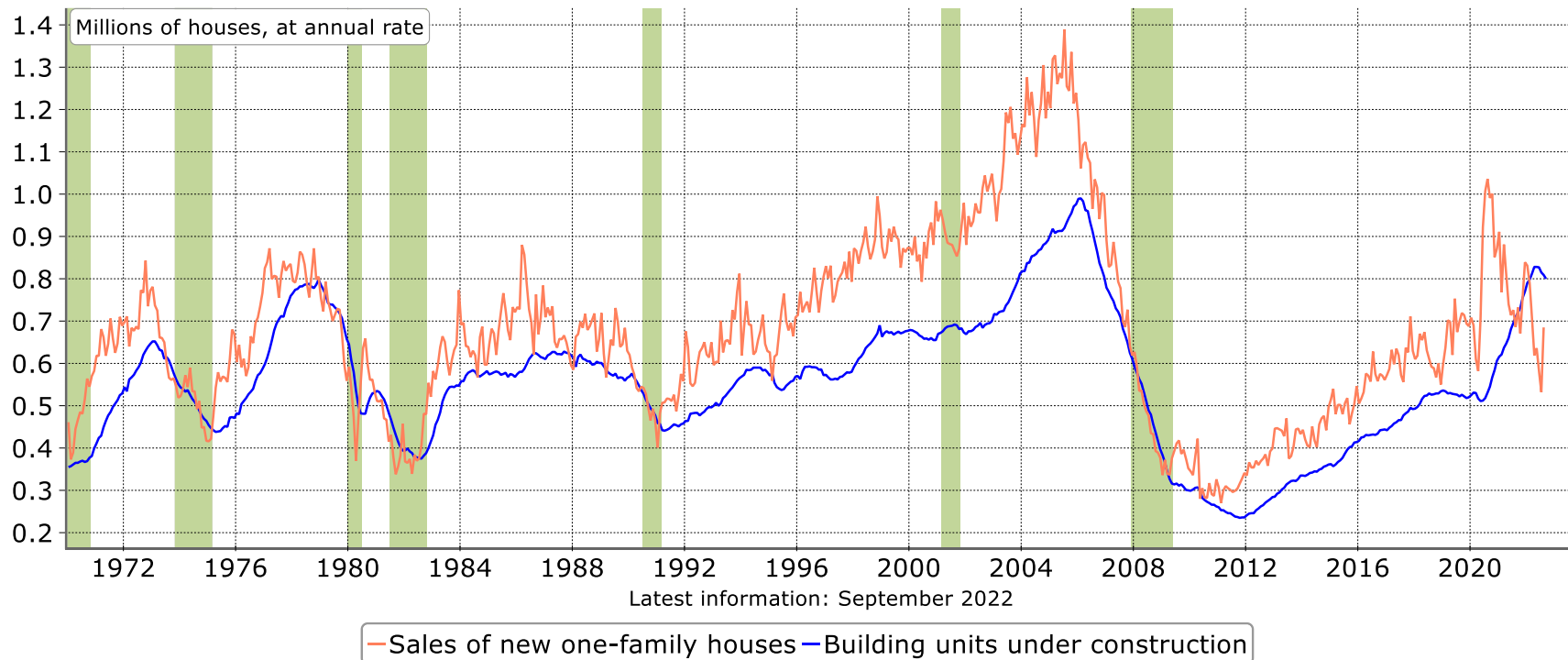
Consumer Confidence in USA



Consumer Confidence in Finland



Sales and Construction of new one-family houses in the USA



Economic Forecasts for Finland

Forecaster	Date	Change in GDP, %			Change in private Consumption, %		Change in Exports, %		Change in Investments, %		Inflation, % *		Unemployment rate, %	
		2021	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
Danske Bank Nordea OP Ryhmä	21.9.2022	3,0	2,0	-0,2	1,6	2,5	1,0	2,0	4,0	2,5	6,6	3,7	6,8	7,3
	7.9.2022	3,0	2,5	0,0	3,1	0,8	0,2	4,3	3,4	-1,6	7,0	4,5	6,7	7,2
	22.8.2022	3,0	2,0	0,0	1,0	0,0	2,1	-2,2	4,5	0,0	6,8	3,9	6,5	7,0
Ministry of Finance Bank of Finland ETLA PTT Labore	19.9.2022	3,0	1,7	0,5	1,1	0,8	1,1	2,7	3,6	1,2	6,5	3,2	6,6	6,7
	15.9.2022	3,0	2,2	-0,3	1,7	0,6	1,5	2,1	5,1	-0,7	7,0	4,3	6,5	6,5
	19.9.2022	3,0	2,0	-0,1	2,2	-0,1	0,8	4,6	3,1	0,8	6,8	3,8	6,7	6,8
	15.9.2022	3,0	1,6	-0,5	2,5	-0,5	0,5	-2,0	1,6	-2,6	7,5	1,0	6,8	7,3
	14.9.2022	3,0	1,8	0,7	1,5	0,4	2,6	3,7	3,1	1,0	6,8	3,6	6,7	6,9
European commission IMF	14.7.2022	3,0	1,8	1,2	2,1	1,7	2,1	4,3	2,1	3,0	6,4	2,8	7,2	6,9
	11.10.2022	3,0	2,1	0,5			1,9	1,4			6,5	3,5	7,0	7,4
Average		3,0	2,0	0,2	1,9	0,7	1,4	2,1	3,4	0,4	6,8	3,4	6,8	7,0