

22th February 2023

Non-financial sector debt ratios - International comparisons • 2022 Q3

Despite a decline in European averages due to nominal GDP growth, the private debt ratio remains stable and high in France, and the public debt ratio is increasing

Non-financial private sector debt ratio (in % of GDP)

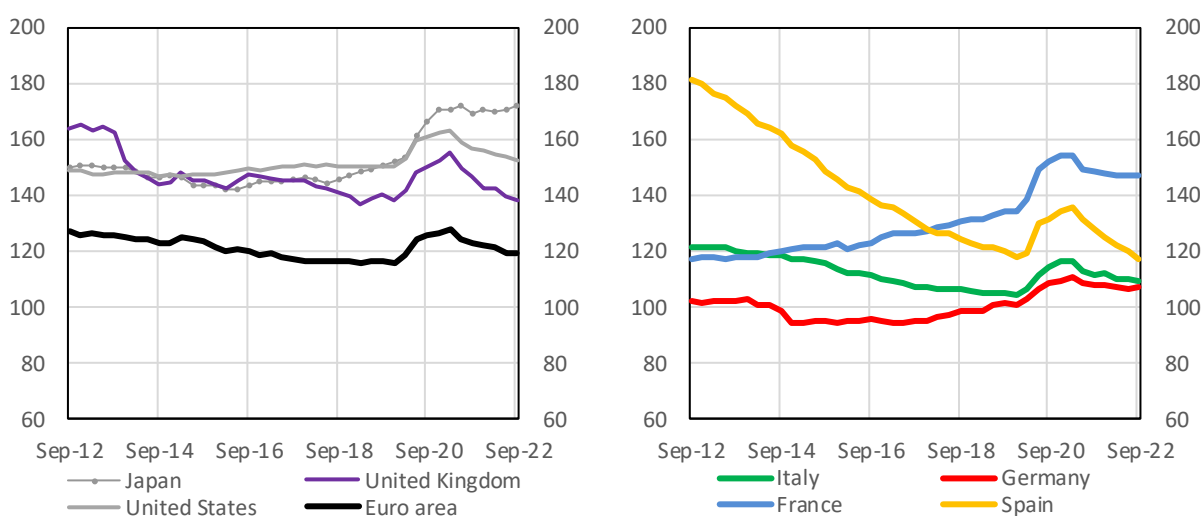
In the third quarter of 2022, the non-financial private sector debt (households and non-financial corporations) stands at 119.2 % of GDP in the euro area, 0.4 point down compared to the previous quarter (after - 1.6 point in 2022 Q2). Nominal debt continues to rise slightly but is outweighed by the increase of GDP.

The decline is very marked in Spain (- 3 points); the private debt ratio also decreases in Italy (- 0.5 point), while it increases in Germany (+ 0.7 point in 2022 Q3). The French ratio is stable (nominal debt continues to rise but is offset by the increase of nominal GDP) and stands at 147 % of GDP. The French private debt ratio remains the highest of the largest European countries.

Outside the euro area, the non-financial private sector debt ratio decreases more in the United Kingdom (- 1.8 point in 2022 Q3) than in the United States (- 1.2 point). In contrast, it increases in Japan (+ 0.9 point of GDP).

Non-financial private sector debt (in % of GDP)

	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22
United States	157,2	155,8	154,8	154,0	152,8
Japan	169,3	170,7	169,7	170,9	171,8
Euro area	123,2	122,2	121,2	119,6	119,2
o/w Germany	108,3	107,9	107,3	106,6	107,3
France	148,4	147,9	147,1	147,0	147,0
Italy	111,3	112,1	110,5	109,8	109,3
Spain	128,0	125,4	122,0	119,9	116,9
United Kingdom	147,0	142,4	142,3	139,9	138,1





Households debt ratio (in % of GDP and in % of GDI)

	Households debt				
	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22
United States	105,5	104,7	103,3	103,0	102,4
	125,3	126,4	130,1	132,3	133,8
Japan	67,6	67,9	67,9	68,1	68,1
	115,9	115,7	113,5	114,6	115,0
Euro area	60,5	59,9	59,1	58,7	58,2
	97,3	97,0	96,7	96,8	95,9
o/w Germany	56,9	56,7	56,0	55,8	55,7
	90,9	91,1	90,8	90,4	89,7
France	66,1	65,6	65,7	65,6	65,7
	101,7	101,7	102,4	102,7	102,4
Italy	43,5	43,4	43,0	42,8	42,6
	64,2	64,4	64,0	63,9	63,5
Spain	59,8	58,4	56,9	56,5	54,4
	90,2	89,3	88,4	88,9	87,6
United Kingdom	88,9	86,7	85,1	84,3	83,8
	131,7	130,1	130,4	130,2	130,1

Non-financial corporations debt ratio (in % of GDP)

	Non-financial corporations debt (in % of GDP)				
	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22
United States	51,7	51,1	51,4	51,0	50,4
Japan	101,7	102,8	101,8	102,8	103,7
Euro area	62,7	62,3	62,1	60,9	61,0
o/w Germany	51,4	51,2	51,3	50,8	51,6
France	82,3	82,3	81,5	81,4	81,3
Italy	67,8	68,7	67,4	66,9	66,6
Spain	68,1	67,0	65,2	63,4	62,5
United Kingdom	58,1	55,7	57,2	55,5	54,3

Source: Quarterly national financial accounts and Eurostat, Computation: Banque de France



General government sector debt ratio (in % of GDP)

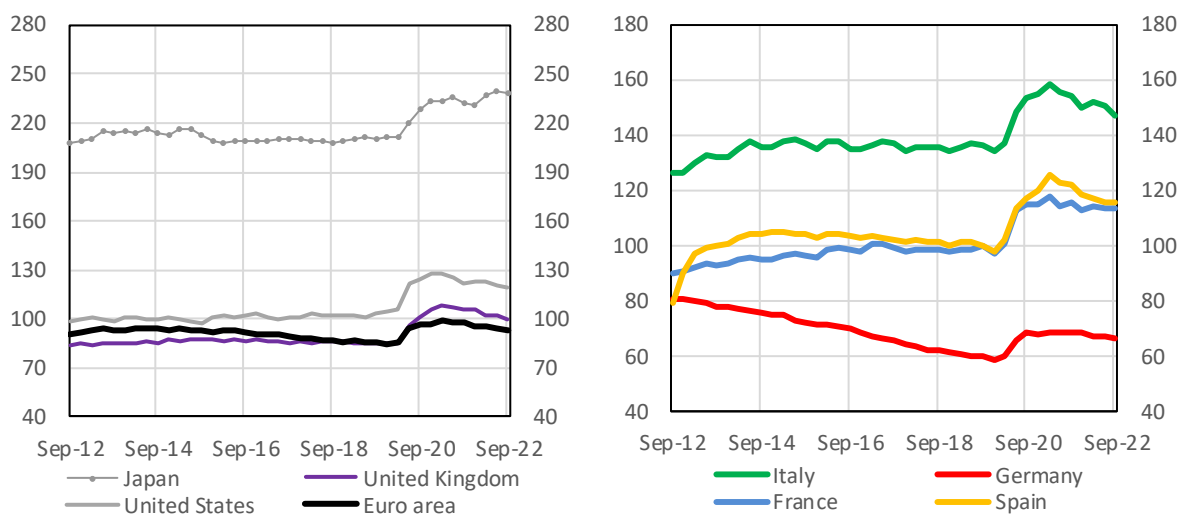
In the euro area, the general government debt ratio decreases by 1.2 percentage points compared to the previous quarter due to nominal GDP growth in the denominator. It stands at 93 % of GDP in 2022 Q3. However, debt in the numerator of this ratio continues to increase (cf. additional information). The public debt ratio declines more significantly in Italy (- 3.1 points of GDP) than in Germany and in Spain (respectively by - 0.5 and by - 0.4 point). It increases in France (+ 0.4 point, despite the rise of the rolling four quarters GDP).

Outside the euro area, the general government debt ratio decreases more in the United Kingdom (- 1.8 point in 2022 Q3) than in Japan and in the United States (respectively by - 1.2 and by - 1 point).

Government sector debt (in % of GDP)

	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22
United States	121,9	122,9	122,8	120,3	119,3
Japan	232,1	231,6	237,3	240,0	238,8
Euro area	97,3	95,4	95,2	94,2	93,0
o/w Germany	68,6	68,6	67,4	67,2	66,6
France	115,6	112,8	114,7	113,3	113,7
Italy	154,2	150,3	152,1	150,4	147,3
Spain	121,9	118,3	117,4	116,1	115,6
United Kingdom	106,2	105,9	102,1	102,0	100,2

* "Maastricht" definition NSA (nominal value) for European Union countries.



Additional information

For each sector (NFC, Households and General government), the French debt includes outstanding loans from resident and non-resident MFI (i.e. both loans between resident NFCs and between non-resident NFCs are excluded) and issued securities other than shares at nominal value.

Disseminated data of other countries are less detailed. NFC's net loans are therefore estimated in withdrawing loans assets - mainly loans to resident and non-resident affiliated entities - from loans liabilities.



Breakdown of the change in the ratio of the Households debt ratio (in % points of GDP)

	<i>Change in the ratio</i>	<i>Debt change Effect</i>	<i>Nominal GDP change Effect</i>
United States	-0.6	1.7	-2.2
Japan	0.0	0.2	-0.2
Euro area	-0.5	0.5	-1.0
o/w Germany	0.0	0.8	-0.8
France	0.0	0.7	-0.7
Italy	-0.2	0.3	-0.5
Spain	-2.1	-0.8	-1.3
United Kingdom	-0.6	1.2	-1.8

Breakdown of the change in the ratio of the Non-financial corporations debt ratio (in % points of GDP)

	<i>Change in the ratio</i>	<i>Debt change Effect</i>	<i>Nominal GDP change Effect</i>
United States	-0.6	0.5	-1.1
Japan	0.9	1.2	-0.4
Euro area	0.1	1.1	-1.0
o/w Germany	0.8	1.5	-0.7
France	-0.1	0.7	-0.8
Italy	-0.3	0.5	-0.7
Spain	-0.9	0.6	-1.5
United Kingdom	-1.2	0.0	-1.2

Breakdown of the change in the ratio of the General government sector debt ratio (in % points of GDP)

	<i>Change in the ratio</i>	<i>Debt change Effect</i>	<i>Nominal GDP change Effect</i>
United States	-0.9	1.7	-2.6
Japan	-1.2	-0.3	-0.8
Euro area	-1.2	0.4	-1.6
o/w Germany	-0.6	0.3	-0.9
France	0.4	1.6	-1.2
Italy	-3.1	-1.4	-1.7
Spain	-0.5	2.2	-2.7
United Kingdom	-1.8	0.4	-2.2

