30 April 2009

# PRESS RELEASE EURO AREA ECONOMIC AND FINANCIAL DEVELOPMENTS BY INSTITUTIONAL SECTOR: FOURTH QUARTER 2008 

In the fourth quarter of 2008, the annual growth rate' of net disposable income in the euro area equalled $-0.4 \%$, compared with $3.0 \%$ in the third quarter of 2008 (see Annex Table I). The annual growth rate of consumption was $2.2 \%$ in the fourth quarter, which was lower than in the third quarter (4.3\%). The annual growth rate of gross fixed capital formation decreased to $-3.1 \%$ in the fourth quarter of 2008, from $3.4 \%$ in the previous quarter. In the fourth quarter the annual growth rate of net saving declined to -24.9\%, from - $10.9 \%$ in the previous quarter.

The annual growth rate of households' adjusted gross disposable income decreased to 2.5\% in the fourth quarter of 2008, compared with $4.7 \%$ in the previous quarter (see Table 2). The annual growth of households' consumption expenditure decreased to $1.4 \%$ in the fourth quarter compared with $4.1 \%$ in the previous quarter. The annual growth rate of gross saving of households remained broadly unchanged at $9.4 \%$ in the fourth quarter ( $9.3 \%$ previously). The households' gross saving rate ${ }^{2}$ stood at $14.2 \%$, compared with $13.8 \%$ in the fourth quarter of 2007. The annual growth rate of financing of households decreased to $2.9 \%$ in the fourth quarter, from $4.2 \%$ in the previous quarter, and the annual growth rate of their financial investment was $2.4 \%$ in the fourth quarter, compared with $2.7 \%$ previously.

The annual growth rate of gross fixed capital formation of non-financial corporations in the euro area decreased to $-5.5 \%$ in the fourth quarter of 2008, from $5.4 \%$ in the previous quarter (see Table 3). The annual rate of growth of net entrepreneurial income of non-financial corporations declined to $-12.9 \%$ in the fourth quarter, compared with a growth rate of $-2.4 \%$ the previous quarter. The annual growth rate of financing of non-financial corporations was $3.6 \%$ in the fourth quarter, compared with $3.9 \%$ previously, and the annual growth rate of their financial investment was $3.9 \%$ in the fourth quarter, compared with $4.2 \%$ previously.

[^0]
## Total euro area economy

The annual growth rate of euro area net disposable income has declined to $-0.4 \%$ in the fourth quarter of 2008 as compared to a positive growth of $3.0 \%$ in the previous quarter. This negative growth rate in net disposable income is mainly due to shrinking net disposable income of financial corporations and general government that were not compensated by the positive growth rate in the household sector (see Chart I). The decrease in the annual growth of gross fixed capital formation (-3.1\%), compared to the previous quarter (+3.4\%), was mainly due to negative investment growth by non-financial corporations and households (see Chart 2). The growth rate of gross capital formation ${ }^{3}$ decreased to $1.3 \%$ in the fourth quarter, compared to $4.4 \%$ in the previous quarter. This negative investment growth coincided with a decline in the annual growth rate of euro area net saving to $-24.9 \%$, from $-10.9 \%$ in the previous quarter as decreases in net saving of the government in particular exceeded increases in households' saving and in the deficit on the current account of the euro area balance of payments, that is foreign saving (see Chart 3).

## Households

The households' adjusted gross disposable income increased by $2.5 \%$ in the fourth quarter of 2008, compared to $4.7 \%$ in the previous quarter (see Chart 4). As usual, this increase was mainly driven by a growth in the compensation of employees (increased $3.0 \%$ in the fourth quarter of 2008 , compared with $4.4 \%$ in the previous quarter, see Table $2)$.
The annual growth rate of households' consumption expenditure (1.4\%) was below the annual growth rate of their disposable income, which led to a continued high growth of households' saving, by $9.4 \%$ (after $9.3 \%$ previously). The annual rate of change of gross fixed capital formation of households declined to $-5.5 \%$ in the fourth quarter, down from $-0.3 \%$ in the previous quarter. The four-quarter moving average households' gross saving rate increased slightly to $14.2 \%$ (from $13.8 \%$ in the corresponding quarter of 2007). The annual growth rate of household sector's net lending, ${ }^{4}$ in contrast to its financial wealth, increased slightly to $2.2 \%$ in the fourth quarter of 2008 , from $2.0 \%$ in the previous quarter.

The annual growth rate of financing of households via the incurrence of loans decreased to $3.6 \%$ in the fourth quarter of 2008 , from $4.7 \%$ in the third quarter. This coincided with a decline in the annual growth of their gross non-financial investment to -3.2\%, from $-0.4 \%$ previously and of their financial investment to $2.4 \%$, from $2.7 \%$ (see Chart 5).

[^1]Turning to the components of households' financial investment, the annual growth rate of their investment in currency and deposits increased to $7.1 \%$ in the fourth quarter of 2008, from $6.3 \%$ in the previous quarter. The annual growth rate of their investment in debt securities decreased to $2.2 \%$, from $6.7 \%$ previously. The growth rate of household's investment in shares and other equity decreased to $-3.1 \%$ in the fourth quarter, down from $-2.8 \%$ previously. This decline was driven by higher net sales of mutual fund shares and quoted shares compared to the previous quarters. The annual growth rate of their additions to life insurance and pension fund reserves decreased to $3.6 \%$, from $4.3 \%$ in the previous quarter.

Developments in the households' financial balance sheet were dominated by valuation changes of their financial assets. Households' net financial wealth decreased further by $13.9 \%$, from an annual growth rate of $-9.7 \%$ in the previous quarter (see Chart 6). This decline is mainly due to valuation losses, notably the market value of households' holdings of shares and other equity decreased by $31.6 \%$ in 2008 (see Table 2).

## Non-financial corporations

The annual growth rate of net entrepreneurial income of non-financial corporations ${ }^{5}$ declined to $-12.9 \%$ in the fourth quarter of 2008, from $-2.4 \%$ in the previous quarter (see Table 3). This corresponds with a decline of net value added generated by non-financial corporations of $-0.7 \%$, after an increase of $3.2 \%$ in the previous quarter, and with a continued positive growth rate of compensation of employees payable and of interest and rent payable by this sector (see Chart 7 and Table 3).

Gross fixed capital formation of non-financial corporations decreased by $5.5 \%$ in the fourth quarter of 2008 , after increasing by $5.4 \%$ in the previous quarter (see Chart 8). The annual growth rate of total gross non-financial investment declined to $-3.3 \%$, compared with $7.0 \%$ in the previous quarter. Non-financial corporations' net non-financial investment is predominantly financed by net borrowing, which decreased slightly in the fourth quarter.

In the fourth quarter of 2008, the annual growth rate of financing by non-financial corporations decreased to $3.6 \%$, from $3.9 \%$ previously. The growth rate of their loan financing amounted to $8.1 \%$, compared with $9.3 \%$ previously. The annual growth rate of their issuance of debt securities increased to $5.7 \%$, from $5.1 \%$. The annual growth rate of their equity financing, via the issuance of quoted and unquoted shares and other equity, increased slightly to $1.7 \%$, from $1.5 \%$ in the previous quarter.

[^2]Financial investment growth of non-financial corporations moderated to $3.9 \%$ after $4.2 \%$ in the previous quarter, while the annual growth rate of their investment in currency and deposits decreased to $2.0 \%$, from $5.8 \%$ previously. The growth rate of loans granted increased to $13.5 \%$ in the fourth quarter of 2008, after II.0\% previously. The growth rate of their investment in shares and other equity increased to $4.9 \%$, from $4.4 \%$ previously.

The outstanding amounts of assets and liabilities in the financial balance sheet of nonfinancial corporations declined in the fourth quarter of 2008, since the market value of both debt securities and shares and other equity (held as well as issued) decreased. The annual growth rate of financial assets declined to - $10.5 \%$ in the fourth quarter from a decline of $5.0 \%$ previously. The annual growth rate of financing declined to -II.6\%, from $-7.0 \%$ in the previous quarter (see Table 3).

## Insurance corporations and pension funds

The annual growth rate of insurance technical reserves, the major financing instrument of insurance corporations and pension funds, decreased to $3.8 \%$ in the fourth quarter of 2008, from $4.6 \%$ previously (see Table 6). The annual growth rate of the issuance of quoted shares increased to $0.8 \%$ from $0.2 \%$ previously. The annual growth rate of their financial investment increased to $4.6 \%$ from $4.0 \%$ previously. The growth rate of their investment in debt securities amounted to $5.1 \%$, from $5.9 \%$ previously, while that of their investment in shares and other equity amounted to $2.7 \%$, from $3.0 \%$ previously.

The outstanding amounts of assets and liabilities in the financial balance sheet of insurance corporations and pension funds declined somewhat as the market value of shares and other equity held and issued by them both declined. In particular, the market value of quoted shares held declined by $39.8 \%$ (after 29.1\% previously) and that of mutual fund shares held declined by $10.7 \%$ (after an annual decline by $6.3 \%$ in the previous quarter).

## Additional information on the euro area accounts

The euro area aggregates presented in this press release include data for Cyprus and Malta, also for the reference periods prior to their adoption of the euro. Slovakia will be covered by these statistics for the first time in the release referring to 2009QI data (to be published on 30 July 2009).

This press release incorporates revisions for the third quarter of 2008 and for previous quarters. The euro area accounts encompass integrated non-financial and financial accounts, including financial balance sheets. These quarterly European sector accounts are jointly compiled by the ECB and the European Commission (Eurostat), in close cooperation with the national central banks and the national statistical institutes in the EU. ${ }^{6}$ The European sector accounts follow the methodology of the European System of Accounts 1995

[^3](ESA 95). ${ }^{7}$ A detailed set of quarterly data is published in Tables 3.1-3.5, "Euro area accounts", of the statistics section of the ECB's Monthly Bulletin. A comprehensive set of tables is made available at http://www.ecb.eu/stats/acc/html/index.en.htmI (ECB). The time series for the euro area accounts can be downloaded from the ECB's Statistical Data Warehouse. The publication of euro area economic and financial developments in the first quarter of 2009 is scheduled to take place on $\mathbf{3 0}$ July 2009 at 10.00 am (CET).

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[^4]Annex:

## Euro area

Chart I Growth of euro area net disposable income and its allocation to sectors (annual percentage changes and percentage point contributions)
households
nov-financial corporations
government
net disposable income


Chart 2 Growth of euro area gross fixed capital formation and contributions by sector
(annual percentage changes and percentage point contributions)



Chart 3 Growth of euro area gross capital formation and its financing by sectoral (net) saving (annual percentage changes and percentage point contributions)



[^5]
## Euro area households

Chart 4 Growth of households' gross disposable income and contributions by income component (annual percentage changes and percentage point contributions)

| compensation of employees |  |
| :--- | :--- |
| net property income and other transfers | gross operating surplus and mixed income |
| taxes $(-)$ | net social benefits less contributions |



Chart 5 Growth of households' non-financial investments and contributions by source of internal and external financing (annual percentage changes and percentage point contributions)
$\square$ gross saving
loan financing
gross non-financial investment $\quad \square$ financial investment and other ( - )


Chart 6 Growth of households' net financial wealth and contributions by type of wealth change
(annual percentage changes and percentage point contributions)

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 net acquisition of financial assets }\square\mathrm{ net incurrence of liabilities (-) }\square\mathrm{ other changes }\longrightarrow\mathrm{ grow th in net financial w ealth
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## Sources: ECB and Eurostat

## Euro area non-financial corporations

Chart 7 Growth of net entrepreneurial income of non-financial corporations and contributions by component (annual percentage changes and percentage point contributions)


Chart 8 Growth of non-financial investment of non-financial corporations and contributions by source of internal and external financing
(annual percentage changes and percentage point contributions)


[^6]Notes

- The annual growth rate of non-financial transactions and of outstanding financial assets and liabilities (stocks) is calculated as the percentage change between the value of the transaction or outstanding amount for a given quarter and that value recorded four quarters earlier. Let $x_{t}$ be the level of a non-financial transaction or end-of-quarter stock, then its annual percentage change $g\left(x_{t}\right)$ is calculated as:
$g\left(x_{t}\right)=\frac{\left(x_{t}-x_{t-4}\right)}{x_{t-4}} * 100$.
- The annual growth rate used to analyse financial transactions refers to the total value of transactions during the year in relation to the outstanding stock a year before. These growth rates for financial transactions exclude the effect on the outstanding stock of revaluations, reclassifications, and further changes that do not arise from transactions. When $f_{t}$ represents the value of transactions in a particular financial instrument, and $F_{t}$ represents the value of the corresponding stock outstanding at the end of quarter $t$, then the annual growth rate $g\left(f_{t}\right)$ is calculated as the sum of the transactions during the year divided by the outstanding stock a year ago:
$g\left(f_{t}\right)=\left(\sum_{i=0}^{3} f_{t-i} / F_{t-4}\right) * 100$

Table 1 Income, consumption, saving, investment and net lending / net borrowing: euro area and contributions by sector
EUR billions

| Non-financial transactions | four-quarter-cumulated sums |  |  |  |  |  |  | annual percentage changes ${ }^{1)}$ |  | percentage of euro area NDI |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 | 2007Q4 | 2008Q4 |
| Net disposable income (NDI): |  |  |  |  |  |  |  |  |  |  |  |
| Euro area | 6,852 | 7,184 | 7,546 | 7,606 | 7,670 | 7,725 | 7,717 | 3.0 | -0.4 | 100.0 | 100.0 |
| Households ${ }^{2}$ | 5,054 | 5,251 | 5,453 | 5,506 | 5,566 | 5,629 | 5,665 | 4.7 | 2.6 | 72.3 | 73.4 |
| Non-financial corporations | 88 | 51 | 37 | 23 | 24 | 14 | 15 |  |  | 0.5 | 0.2 |
| Financial corporations | 152 | 148 | 189 | 199 | 199 | 208 | 195 |  |  | 2.5 | 2.5 |
| General government | 1,559 | 1,735 | 1,867 | 1,878 | 1,879 | 1,873 | 1,843 | -1.5 | -5.5 | 24.7 | 23.9 |
| Consumption expenditure: |  |  |  |  |  |  |  |  |  |  |  |
| Euro area | 6,327 | 6,594 | 6,845 | 6,914 | 6,989 | 7,062 | 7,102 | 4.3 | 2.2 | 90.7 | 92.0 |
| Households ${ }^{\text {2 }}$ | 4,669 | 4,870 | 5,053 | 5,105 | 5,156 | 5,208 | 5,227 | 4.1 | 1.4 | 67.0 | 67.7 |
| General government collective consumption | 661 | 679 | 704 | 711 | 721 | 729 | 738 | 5.1 | 4.3 | 9.3 | 9.6 |
| General government social transfers in kind ${ }^{3}$ | 997 | 1,045 | 1,087 | 1,097 | 1,112 | 1,124 | 1,137 | 4.6 | 4.2 | 14.4 | 14.7 |
| Net saving: |  |  |  |  |  |  |  |  |  |  |  |
| Euro area | 525 | 590 | 701 | 693 | 681 | 663 | 615 | -10.9 | -24.9 | 9.3 | 8.0 |
| Households ${ }^{2}$ | 444 | 440 | 459 | 462 | 474 | 485 | 503 | 17.7 | 14.9 | 6.1 | 6.5 |
| Non-financial corporations | 76 | 36 | 36 | 23 | 24 | 14 | 15 |  |  | 0.5 | 0.2 |
| Financial corporations | 104 | 103 | 131 | 138 | 137 | 144 | 129 |  |  | 1.7 | 1.7 |
| General government | -99 | 11 | 75 | 70 | 46 | 20 | -32 |  |  | 1.0 | -0.4 |
| Consumption of fixed capital: |  |  |  |  |  |  |  |  |  |  |  |
| Euro area | 1,178 | 1,235 | 1,299 | 1,311 | 1,323 | 1,335 | 1,347 | 3.7 | 3.6 | 17.2 | 17.5 |
| Households ${ }^{2)}$ | 317 | 334 | 353 | 356 | 359 | 362 | 363 | 2.9 | 2.0 | 4.7 | 4.7 |
| Non-financial corporations | 667 | 698 | 735 | 743 | 750 | 758 | 766 | 4.1 | 4.4 | 9.7 | 9.9 |
| Financial corporations | 41 | 43 | 44 | 44 | 44 | 44 | 45 | 1.0 | 1.6 | 0.6 | 0.6 |
| General government | 152 | 160 | 167 | 169 | 170 | 172 | 173 | 4.0 | 3.8 | 2.2 | 2.2 |
| Net capital transfers (receivables-payables): |  |  |  |  |  |  |  |  |  |  |  |
| Euro area | 13 | 15 | 14 | 15 | 15 | 14 | 13 |  |  | 0.2 | 0.2 |
| Households ${ }^{2}$ | 24 | 22 | 16 | 17 | 18 | 18 | 18 |  |  | 0.2 | 0.2 |
| Non-financial corporations | 61 | 71 | 67 | 67 | 71 | 73 | 72 |  |  | 0.9 | 0.9 |
| Financial corporations | -13 | -7 | 4 | 6 | 7 | 2 | 3 |  |  | 0.1 | 0.0 |
| General government | -59 | -71 | -73 | -75 | -81 | -79 | -80 |  |  | -1.0 | -1.0 |
| Gross fixed capital formation: |  |  |  |  |  |  |  |  |  |  |  |
| Euro area | 1,699 | 1,844 | 1,974 | 1,995 | 2,021 | 2,038 | 2,022 | 3.4 | -3.1 | 26.2 | 26.2 |
| Households ${ }^{\text {2 }}$ | 544 | 599 | 635 | 638 | 640 | 640 | 631 | -0.3 | -5.5 | 8.4 | 8.2 |
| Non-financial corporations | 913 | 986 | 1,070 | 1,084 | 1,103 | 1,117 | 1,102 | 5.4 | -5.5 | 14.2 | 14.3 |
| Financial corporations | 40 | 47 | 43 | 44 | 46 | 48 | 54 | 10.8 | 71.0 | 0.6 | 0.7 |
| General government | 202 | 211 | 227 | 229 | 232 | 234 | 235 | 2.8 | 1.8 | 3.0 | 3.0 |
| Net acquisition of other non-financial assets ${ }^{4}$ : |  |  |  |  |  |  |  |  |  |  |  |
| Euro area | 6 | 13 | 19 | 24 | 26 | 31 | 41 |  |  | 0.3 | 0.5 |
| Households ${ }^{2}$ | -1 | 0 | -1 | 0 | -2 | -2 | 2 |  |  | 0.0 | 0.0 |
| Non-financial corporations | 7 | 16 | 22 | 26 | 28 | 32 | 38 |  |  | 0.3 | 0.5 |
| Financial corporations | 0 | 0 | -2 | -1 | 0 | 1 | 1 |  |  | 0.0 | 0.0 |
| General government | -1 | -3 | 0 | 0 | 0 | 0 | 0 |  |  | 0.0 | 0.0 |
| Net lending (+) / net borrowing (-): |  |  |  |  |  |  |  |  |  |  |  |
| Euro area | 11 | -18 | 21 | -1 | -28 | -56 | -87 |  |  | 0.3 | -1.1 |
| Households ${ }^{2}$ | 242 | 197 | 194 | 196 | 213 | 228 | 253 |  |  | 2.6 | 3.3 |
| Non-financial corporations | -117 | -197 | -254 | -277 | -286 | -305 | -288 |  |  | -3.4 | -3.7 |
| Financial corporations | 93 | 91 | 139 | 146 | 142 | 142 | 122 |  |  | 1.8 | 1.6 |
| General government | -207 | -109 | -58 | -66 | -96 | -122 | -174 |  |  | -0.8 | -2.3 |

1) Annual percentage changes are calculated as $100 *\left(x_{t}-x_{t-4}\right) / x_{t-4}$ where $x_{t}$ stands for the transaction $x$ in quarter $t$, and $x_{t-4}$ for the transaction four quarters earlier.
2) Households and non-profit institutions serving households.
3) Transfers of goods and services by government units and non-profit institutions serving households (NPISHs) to individual households.
4) Changes in inventories, acquisitions less disposals of valuables and acquisitions less disposals of non-produced non-financial assets (e.g. land).

Table 2 Households ${ }^{1)}$
EUR billions

| Non-financial transactions | four-quarter-cumulated sums |  |  |  |  |  |  | annual percentage changes ${ }^{2)}$ |  | percentage of HGDI, adjusted ${ }^{3)}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 | 2007Q4 | 2008Q4 |
| Compensation of employees | 3,898 | 4,057 | 4,238 | 4,287 | 4,335 | 4,380 | 4,414 | 4.4 | 3.0 | 72.3 | 72.4 |
| Gross operating surplus and mixed income | 1,322 | 1,398 | 1,480 | 1,501 | 1,520 | 1,536 | 1,545 | 4.2 | 2.4 | 25.2 | 25.4 |
| Property income (receivable - payable) | 806 | 851 | 881 | 885 | 892 | 899 | 893 |  |  | 15.0 | 14.7 |
| Net social benefits and contributions (rec. -pay.) | 18 | 6 | -11 | -14 | -15 | -13 | -12 |  |  | -0.2 | -0.2 |
| Other current transfers (rec. - pay.) | 66 | 66 | 69 | 69 | 72 | 73 | 74 |  |  | 1.2 | 1.2 |
| Taxes (on income and wealth) (-) | 740 | 793 | 851 | 865 | 879 | 886 | 888 | 3.4 | 0.7 | 14.5 | 14.6 |
| Gross disposable income (HGDI) | 5,371 | 5,585 | 5,806 | 5,862 | 5,926 | 5,990 | 6,028 | 4.6 | 2.5 | 99.0 | 98.9 |
| +Adj. for change in net worth in pension fund ${ }^{3}$ | 60 | 59 | 60 | 61 | 63 | 65 | 66 | 13.5 | 2.6 | 1.0 | 1.1 |
| Gross disposable income (HGDI) plus adjustment ${ }^{3}$ | 5,431 | 5,644 | 5,865 | 5,923 | 5,989 | 6,055 | 6,094 | 4.7 | 2.5 | 100.0 | 100.0 |
| Consumption expenditure | 4,669 | 4,870 | 5,053 | 5,105 | 5,156 | 5,208 | 5,227 | 4.1 | 1.4 | 86.2 | 85.8 |
| Gross saving | 762 | 774 | 812 | 817 | 833 | 847 | 867 | 9.3 | 9.4 | 13.8 | 14.2 |
| Net capital transfers (receivables-payables) | 24 | 22 | 16 | 17 | 18 | 18 | 18 |  |  | 0.3 | 0.3 |
| Gross fixed capital formation | 544 | 599 | 635 | 638 | 640 | 640 | 631 | -0.3 | -5.5 | 10.8 | 10.3 |
| Net acquisition of other non-financial assets ${ }^{4}$ | -1 | 0 | -1 | 0 | -2 | -2 | 2 |  |  | 0.0 | 0.0 |
| Net lending (+) / net borrowing (-) | 242 | 197 | 194 | 196 | 213 | 228 | 253 |  |  | 3.3 | 4.1 |
| Financial transactions | four-quarter-cumulated sums |  |  |  |  |  |  | annual growth rates ${ }^{5)}$ |  | percentage of HGDI, adjusted ${ }^{3)}$ |  |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 2008Q4 |  | 2007Q4 2008Q4 |  |
| Financial investment | 674 | 695 | 627 | 559 | 519 | 480 | 436 | 2.7 | 2.4 | $\begin{array}{rrr}10.7 & 7.2 \\ 5.5 & 6.6\end{array}$ |  |
| Currency and deposits | 242 | 285 | 323 | 349 | 350 | 351 | 404 | 6.3 | 7.1 |  |  |
| Debt securities | -19 | 95 | 42 | 55 | 89 | 88 | 29 | 6.7 | 2.2 | $0.7 \quad 0.5$ |  |
| Shares and other equity | 112 | -38 | -22 | -85 | -112 | -148 | -162 | -2.8 | -3.1 | -0.4 -2.7 |  |
| Quoted shares | 2 | -20 | -11 | -41 | -34 | -42 | -48 | -3.5 | -4.3 | -0.2 -0.8 |  |
| Unquoted shares and other equity | 64 | 6 | 24 | 23 | 27 | 21 | 38 | 0.9 | 1.6 | $0.4 \quad 0.6$ |  |
| Mutual fund shares | 46 | -24 | -34 | -67 | -104 | -127 | -152 | -7.5 | -9.1 | -0.6 -2.5 |  |
| Life insurance and pension fund reserves | 293 | 311 | 267 | 247 | 225 | 209 | 174 | 4.3 | 3.6 | $4.6 \quad 2.9$ |  |
| Other financial assets ${ }^{6}$ | 46 | 42 | 16 | -7 | -33 | -20 | -10 |  |  | $0.3-0.2$ |  |
| Financing | 422 | 446 | 411 | 347 | 293 | 249 | 175 | 4.2 | 2.9 | $7.0 \quad 2.9$ |  |
| Loans | 391 | 393 | 347 | 314 | 285 | 248 | 196 | 4.7 | 3.6 | $5.9 \quad 3.2$ |  |
| Short-term | 16 | 11 | 10 | 10 | 13 | 13 | 6 | 4.1 | 1.7 | 0.20 .1 |  |
| Long-term | 374 | 381 | 336 | 304 | 272 | 234 | 191 | 4.7 | 3.7 | $5.7 \quad 3.1$ |  |
| Other liabilities ${ }^{7}$ | 31 | 54 | 65 | 33 | 8 | 1 | -21 |  |  | $1.1-0.4$ |  |
| Net lending (+) / net borrowing (-) (financial accounts) | 252 | 248 | 215 | 212 | 226 | 232 | 262 | 2.0 | 2.2 | $3.7 \quad 4.3$ |  |
| Changes in financial wealth not due to transactions | 531 | 557 | -3 | -772 | -1,157 | -1,379 | -1,901 |  |  | -0.1 | -31.2 |
| Financial balance sheet | end-of-period stocks |  |  |  |  |  |  | annual percentage changes ${ }^{2)}$ |  | percentage of HGDI, adjusted ${ }^{3)}$ |  |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 2008Q4 |  | 2007Q4 2008Q4 |  |
| Financial investment | 16,047 | 17,301 | 17,899 | 17,400 | 17,235 | 16,878 | 16,451 | -5.0 | -8.1 | 305.2 | 270.0 |
| Currency and deposits | 5,119 | 5,399 | 5,727 | 5,766 | 5,874 | 5,911 | 6,129 | 6.2 | 7.0 | 97.6 | 100.6 |
| Debt securities | 1,213 | 1,317 | 1,361 | 1,393 | 1,382 | 1,347 | 1,270 | 2.3 | -6.7 | 23.2 | 20.8 |
| Shares and other equity | 4,831 | 5,299 | 5,249 | 4,697 | 4,439 | 4,094 | 3,588 | -23.5 | -31.6 | 89.5 | 58.9 |
| Quoted shares | 991 | 1,174 | 1,138 | 942 | 856 | 736 | 590 | -38.6 | -48.1 | 19.4 | 9.7 |
| Unquoted shares and other equity | 2,200 | 2,449 | 2,441 | 2,203 | 2,085 | 1,936 | 1,685 | -21.4 | -31.0 | 41.6 | 27.7 |
| Mutual fund shares | 1,641 | 1,676 | 1,671 | 1,552 | 1,498 | 1,422 | 1,313 | -15.9 | -21.4 | 28.5 | 21.5 |
| Life insurance and pension fund reserves | 4,245 | 4,611 | 4,876 | 4,856 | 4,875 | 4,858 | 4,806 | 0.7 | -1.4 | 83.1 | 78.9 |
| Other financial assets ${ }^{6}$ | 640 | 674 | 686 | 688 | 665 | 669 | 658 |  |  | 11.7 | 10.8 |
| Financing | 5,244 | 5,692 | 6,078 | 6,139 | 6,184 | 6,231 | 6,270 | 4.3 | 3.2 | 103.6 | 102.9 |
| Loans | 4,692 | 5,082 | 5,416 | 5,458 | 5,521 | 5,568 | 5,612 | 4.6 | 3.6 | 92.3 | 92.1 |
| Short-term | 313 | 319 | 328 | 325 | 334 | 331 | 332 | 3.7 | 1.4 | 5.6 | 5.5 |
| Long-term | 4,380 | 4,762 | 5,088 | 5,134 | 5,187 | 5,237 | 5,280 | 4.7 | 3.8 | 86.7 | 86.6 |
| Other liabilities ${ }^{7}$ | 552 | 610 | 663 | 681 | 662 | 663 | 657 |  |  | 11.3 | 10.8 |
| Net financial wealth | 10,803 | 11,609 | 11,821 | 11,261 | 11,052 | 10,647 | 10,181 | -9.7 | -13.9 | 201.5 | 167.1 |

Sources: ECB and Eurostat

1) Households and non-profit institutions serving households.
2) Annual percentage changes are calculated as $100^{*}\left(x_{t}-x_{t-4}\right) / x_{t-4}$ where $x_{t}$ stands for the transaction or end-of-quarter stock $x$ in quarter $t$, and $x_{t-4}$ for the
transaction or stock four quarters earlier.
3) Net adjustment for the change in net equity of households in pension fund reserves (receivables - payables).
4) Changes in inventories, acquisitions less disposals of valuables and acquisitions less disposals of non-produced non-financial assets (e.g. land).
5) Annual growth rates for financial transactions are calculated as $100 *\left(f_{t}+f_{t-1}+f_{t-2}+f_{t-3}\right) / F_{t-4}$ where $f_{t}$ stands for the transactions in quarter $t$, and $F_{t-4}$ for the end-of-quarter stock value four quarters earlier.
6) Loans granted, prepayments of insurance premiums and reserves for outstanding claims and other accounts receivable.
7) Financial derivative net liabilities, pension fund reserves and other accounts payable.

Table 3 Non-financial corporations
EUR billions

| Non-financial transactions | four-quarter-cumulated sums |  |  |  |  |  |  | annual percentage changes ${ }^{1)}$ |  | percentage of GVA or (NVA) ${ }^{2)}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 | 2007Q4 | 2008Q4 |
| Gross value added (GVA) | 4,156 | 4,353 | 4,591 | 4,643 | 4,699 | 4,736 | 4,737 | 3.3 | 0.1 | 100.0 | 100.0 |
| Net value added (NVA) | 3,489 | 3,655 | 3,856 | 3,900 | 3,949 | 3,979 | 3,971 | 3.2 | -0.7 | 84.0 | 83.8 |
| Net entrepreneurial income | 1,150 | 1,217 | 1,303 | 1,302 | 1,308 | 1,301 | 1,264 | -2.4 | -12.9 | 33.8 | 31.8 |
| Net disposable income | 88 | 51 | 37 | 23 | 24 | 14 | 15 |  |  | 1.0 | 0.4 |
| Adj. for change in net worth in pension fund | -12 | -14 | -1 | 0 | -1 | -1 | 0 |  |  | 0.0 | 0.0 |
| Net saving | 76 | 36 | 36 | 23 | 24 | 14 | 15 |  |  | 0.9 | 0.4 |
| Net capital transfers (receivable-payable) | 61 | 71 | 67 | 67 | 71 | 73 | 72 |  |  | 1.5 | 1.5 |
| Consumption of fixed capital | 667 | 698 | 735 | 743 | 750 | 758 | 766 | 4.1 | 4.4 | 16.0 | 16.2 |
| Gross fixed capital formation | 913 | 986 | 1,070 | 1,084 | 1,103 | 1,117 | 1,102 | 5.4 | -5.5 | 23.3 | 23.3 |
| Net acquisitions of other non-financial assets ${ }^{3}$ | 7 | 16 | 22 | 26 | 28 | 32 | 38 |  |  | 0.5 | 0.8 |
| Net lending (+) / net borrowing (-) | -117 | -197 | -254 | -277 | -286 | -305 | -288 |  |  | -5.5 | -6.1 |
| Financial transactions | four-quarter-cumulated sums |  |  |  |  |  |  | annual growth rates ${ }^{4)}$ |  | percentage of GVA |  |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 | 2007Q4 | 2008Q4 |
| Financial investment | 722 | 902 | 821 | 758 | 669 | 653 | 611 | 4.2 | 3.9 | 17.9 | 12.9 |
| Currency and deposits | 146 | 175 | 181 | 134 | 94 | 99 | 36 | 5.8 | 2.0 | 3.9 | 0.8 |
| Debt securities | -28 | 11 | -23 | -38 | -87 | -62 | -27 | -17.1 | -7.4 | -0.5 | -0.6 |
| Loans | 136 | 206 | 173 | 229 | 256 | 250 | 309 | 11.0 | 13.5 | 3.8 | 6.5 |
| Shares and other equity | 253 | 262 | 298 | 344 | 361 | 354 | 396 | 4.4 | 4.9 | 6.5 | 8.4 |
| Quoted shares | 23 | 41 | 117 | 163 | 177 | 181 | 160 | 9.6 | 8.2 | 2.6 | 3.4 |
| Unquoted shares and other equity | 211 | 221 | 231 | 246 | 240 | 200 | 246 | 3.4 | 4.3 | 5.0 | 5.2 |
| Mutual fund shares | 19 | 0 | -50 | -65 | -56 | -27 | -10 | -6.5 | -2.5 | -1.1 | -0.2 |
| Other financial assets ${ }^{5}$ | 216 | 248 | 193 | 90 | 44 | 12 | -101 |  |  | 4.2 | -2.1 |
| Financing | 850 | 1,151 | 1,096 | 1,052 | 969 | 961 | 908 | 3.9 | 3.6 | 23.9 | 19.2 |
| Debt securities | 14 | 39 | 41 | 40 | 17 | 36 | 40 | 5.1 | 5.7 | 0.9 | 0.8 |
| Short-term | 14 | 20 | 31 | 26 | 15 | 25 | 26 | 9.3 | 10.4 | 0.7 | 0.6 |
| Long-term | 0 | 19 | 10 | 13 | 2 | 11 | 13 | 2.4 | 3.0 | 0.2 | 0.3 |
| Loans | 417 | 707 | 759 | 744 | 710 | 679 | 614 | 9.3 | 8.1 | 16.5 | 13.0 |
| Short-term | 127 | 234 | 250 | 229 | 218 | 196 | 175 | 8.2 | 7.2 | 5.5 | 3.7 |
| Long-term | 290 | 472 | 508 | 516 | 493 | 483 | 439 | 9.8 | 8.6 | 11.1 | 9.3 |
| Shares and other equity | 265 | 237 | 283 | 274 | 231 | 202 | 242 | 1.5 | 1.7 | 6.2 | 5.1 |
| Quoted shares | 101 | 39 | 42 | 22 | -12 | -28 | 2 | -0.6 | 0.0 | 0.9 | 0.0 |
| Unquoted shares and other equity | 164 | 198 | 241 | 252 | 244 | 230 | 240 | 2.6 | 2.7 | 5.2 | 5.1 |
| Pension fund reserves | 13 | 15 | 2 | 0 | 1 | 1 | 0 | 0.4 | 0.0 | 0.0 | 0.0 |
| Other liabilities ${ }^{6}$ | 140 | 154 | 12 | -6 | 9 | 43 | 13 |  |  | 0.3 | 0.3 |
| Net lending (+)/ net borrowing (-) (financial accounts) | -127 | -249 | -275 | -294 | -300 | -308 | -297 |  |  | -6.0 | -6.3 |
| Financial balance sheet | end-of-period stocks |  |  |  |  |  |  | annual percentage changes ${ }^{1)}$ |  | percentage of GVA |  |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 2008Q4 |  | 2007Q4 2008Q4 |  |
| Financial investment | 12,829 | 14,602 | 15,683 | 15,067 | 14,860 | 14,669 | 14,040 | -5.0 | -10.5 | 341.6 | 296.4 |
| Currency and deposits | 1,428 | 1,590 | 1,785 | 1,756 | 1,770 | 1,807 | 1,830 | 5.7 | 2.5 | 38.9 | 38.6 |
| Debt securities | 393 | 401 | 369 | 326 | 291 | 289 | 314 | -19.7 | -14.8 | 8.0 | 6.6 |
| Loans | 1,898 | 2,090 | 2,283 | 2,397 | 2,472 | 2,516 | 2,579 | 11.1 | 13.0 | 49.7 | 54.4 |
| Shares and other equity | 6,485 | 7,636 | 8,131 | 7,471 | 7,220 | 6,924 | 6,147 | -14.8 | -24.4 | 177.1 | 129.8 |
| Quoted shares | 1,528 | 1,734 | 1,963 | 1,755 | 1,650 | 1,523 | 1,125 | -19.5 | -42.7 | 42.8 | 23.8 |
| Unquoted shares and other equity | 4,542 | 5,473 | 5,770 | 5,362 | 5,219 | 5,056 | 4,717 | -13.1 | -18.2 | 125.7 | 99.6 |
| Mutual fund shares | 415 | 429 | 398 | 354 | 351 | 345 | 304 | -17.1 | -23.4 | 8.7 | 6.4 |
| Other financial assets ${ }^{5}$ | 2,625 | 2,886 | 3,116 | 3,116 | 3,107 | 3,134 | 3,170 |  |  | 67.9 | 66.9 |
| Financing | 20,245 | 23,112 | 24,923 | 23,733 | 23,528 | 22,913 | 22,022 | -7.0 | -11.6 | 542.9 | 464.9 |
| Debt securities | 674 | 692 | 695 | 697 | 702 | 712 | 732 | -0.1 | 5.3 | 15.1 | 15.5 |
| Short-term | 236 | 251 | 254 | 263 | 271 | 278 | 282 | 1.5 | 10.9 | 5.5 | 6.0 |
| Long-term | 438 | 441 | 441 | 434 | 431 | 434 | 450 | -1.1 | 2.1 | 9.6 | 9.5 |
| Loans | 6,075 | 6,779 | 7,535 | 7,689 | 7,893 | 8,020 | 8,168 | 9.3 | 8.4 | 164.1 | 172.4 |
| Short-term | 1,970 | 2,201 | 2,437 | 2,480 | 2,572 | 2,584 | 2,620 | 7.7 | 7.5 | 53.1 | 55.3 |
| Long-term | 4,105 | 4,578 | 5,098 | 5,209 | 5,320 | 5,436 | 5,548 | 10.0 | 8.8 | 111.0 | 117.1 |
| Shares and other equity | 10,941 | 12,875 | 13,809 | 12,454 | 12,015 | 11,250 | 10,135 | -18.2 | -26.6 | 300.8 | 213.9 |
| Quoted shares | 3,692 | 4,469 | 4,986 | 4,204 | 3,976 | 3,438 | 2,844 | -30.8 | -43.0 | 108.6 | 60.0 |
| Unquoted shares and other equity | 7,248 | 8,406 | 8,823 | 8,250 | 8,038 | 7,812 | 7,291 | -11.1 | -17.4 | 192.2 | 153.9 |
| Pension fund reserves | 314 | 329 | 329 | 329 | 329 | 329 | 329 | 0.4 | 0.0 | 7.2 | 6.9 |
| Other liabilities ${ }^{6)}$ | 2,241 | 2,437 | 2,555 | 2,565 | 2,590 | 2,602 | 2,659 |  |  | 55.7 | 56.1 |

Sources: ECB and Eurostat

1) Annual percentage changes are calculated as $100 \star\left(x_{t}-x_{t-4}\right) / x_{t-4}$ where $x_{t}$ stands for the transaction or end-of-quarter stock $x$ in quarter $t$, and $x_{t-4}$ for the transaction or stock four quarters earlier.
2) As a percentage of net value added in the case of net entrepreneurial income and net saving.
3) Changes in inventories, acquisitions less disposals of valuables and acquisitions less disposals of non-produced non-financial assets (e.g. land).
4) Annual growth rates for financial transactions are calculated as $100 *\left(f_{t}+f_{t-1}+f_{t-2}+f_{t-3}\right) / F_{t-4}$ where $f_{t}$ stands for the transactions in quarter $t$, and $F_{t-4}$ for the end-ofquarter stock value four quarters earlier.
5) Other accounts receivable, and prepayments of insurance premiums and reserves for outstanding claims.
6) Other accounts payable, financial derivative net liabilities and deposits.

Table 4 General government
EUR billions

| Non-financial transactions | four-cumulated sums |  |  |  |  |  |  | annual percentage changes ${ }^{1)}$ |  | percentage of GNDI |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 | 2007Q4 | 2008Q4 |
| Net disposable income (GNDI) | 1,559 | 1,735 | 1,867 | 1,878 | 1,879 | 1,873 | 1,843 | -1.5 | -5.5 | 100.0 | 100.0 |
| Consumption expenditure | 1,658 | 1,724 | 1,792 | 1,808 | 1,833 | 1,853 | 1,875 | 4.8 | 4.3 | 96.0 | 101.7 |
| Net saving | -99 | 11 | 75 | 70 | 46 | 20 | -32 |  |  | 4.0 | -1.7 |
| Consumption of fixed capital | 152 | 160 | 167 | 169 | 170 | 172 | 173 | 4.0 | 3.8 | 8.9 | 9.4 |
| Net capital transfers (receivable-payable) | -59 | -71 | -73 | -75 | -81 | -79 | -80 |  |  | -3.9 | -4.4 |
| Gross fixed capital formation | 202 | 211 | 227 | 229 | 232 | 234 | 235 | 2.8 | 1.8 | 12.2 | 12.7 |
| Net acquisition of other non-financial assets ${ }^{2)}$ | -1 | -3 | 0 | 0 | 0 | 0 | 0 |  |  | 0.0 | 0.0 |
| Net lending (+) / net borrowing (-) | -207 | -109 | -58 | -66 | -96 | -122 | -174 |  |  | -3.1 | -9.5 |
| Financial transactions | four-cumulated sums |  |  |  |  |  |  | annual growth rates ${ }^{3)}$ |  | percentage of GNDI |  |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 2008Q4 |  | 2007Q4 2008Q4 |  |
| Net acquisition of financial assets | 89 | 56 | 92 | 79 | 38 | 52343 |  | 1.811 .4 |  | $\begin{array}{ll}4.9 & 18.6 \\ 3.9 & 17.8\end{array}$ |  |
| Financial investment ${ }^{4)}$ | 69 | 33 | 73 | 82 | 60 | 70 | 328 | 2.913 .5 |  |  |  |
| Currency and deposits | 34 | 31 | 26 | 36 | -9 | -4 | 98 | -0.7 18.3 |  | $\begin{array}{rr}3.9 & 17.8 \\ 1.4 & 5.3\end{array}$ | 1.45 .3 |
| Debt securities | 20 | 32 | 39 | 33 | 52 | 40 | 85 | $14.5 \quad 31.4$ |  | 2.14 .6 |  |
| Loans | 7 | -15 | 76 | 5 | 10 | 9 | 72 | 2.618 .8 |  | $0.4 \quad 3.9$ |  |
| Short-term | 3 | 3 |  | 7 | 12 |  | 33 | 28.3 60.8 |  | 0.31 .8 |  |
| Long-term | 4 | -18 | 6 1 | -2 | -2 | 12 -3 | 38 | -0.8 11.8 |  | $0.0 \quad 2.1$ |  |
| Shares and other equity | 8 | -14 | 2 | 8 | 6 | 25 | 73 | 2.15 |  | 0.14 .0 |  |
| Quoted shares | -11 | -19 | -12 | -11 | -13 | -5 | 5 | -1.2 1.1 |  | -0.6 0.2 |  |
| Unquoted shares and other equity | 8 | -7 | 4 | 9 | 12 | 24 | 68 | $\begin{array}{rrr}3.9 & 10.1 \\ 4.4 & 0.5\end{array}$ |  | $0.2 \quad 3.7$ |  |
| Mutual fund shares | 11 | 13 | 10 | 10 | 7 |  | 71 |  |  | 0.50 .0 |  |
| Other financial assets ${ }^{5}$ | 19 | 22 | 19 | -3 | -22 | -18 | 15 | $4.4 \quad 0.5$ |  | $1.0 \quad 0.8$ |  |
| Net incurrence of liabilities | 295 | 165 | 150 | 145 | 134 | 174 | 517 | $2.6 \quad 7.6$ |  | $8.0 \quad 28.1$ |  |
| Financing ${ }^{4}$ | 264 | 130 | 125 | 136 | 147 | 190 | 514 | $2.9 \quad 8.0$ |  | $6.7 \quad 27.9$ |  |
| Currency and deposits | 25 | 12 | -3 | -13 | 1 | -7 | 1 | -2.0 0.4 |  | -0.2 0.0 |  |
| Debt securities | 216 | 103 | 129 | 134 | 111 | 162 | 451 | 3.29 .1 |  | 6.924 .5 |  |
| Short-term | -9 | -27 | 35 | 34 | 14 | 45 | 241 | 6.7 39.7 |  | 1.913 .1 |  |
| Long-term | 224 | 131 | 94 | 101 | 96 | 117 | 209 | $2.7 \quad 4.8$ |  | $5.0 \quad 11.4$ |  |
| Loans | 24 | 14 | -1 | 14 | 35 | $34 \quad 62$ |  | 3.15 |  | -0.1 3.4 |  |
| Short-term | 7 | 6 | 22 | 18 | 29 | $32 \quad 32$ |  | $19.6 \quad 21.0$ |  | 1.21 .7 |  |
| Long-term | 17 | 8 | -23 | -4 | 7 | 2 | $\begin{array}{r}30 \\ 3 \\ \hline 174\end{array}$ | $0.2 \quad 2.9$ |  | -1.2 1.7 |  |
| Other liabilities ${ }^{6}$ ) | 31 | 35 | 25 | 10 | -13 | -16 |  |  |  | 1.3 | 0.2 |
| Net lending (+)/ net borrowing (-) (financial accounts) | -207 | -109 | -58 | -66 | -96 | -122 | -174 |  |  | -3.1 | -9.5 |
| Financial balance sheet |  |  | end-of- | period sto | cks |  |  | annual pe chang | rcentage ${ }^{1)}{ }^{1)}$ | percen GN | tage of JDI |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 | 2007Q4 | 2008Q4 |
| Financial assets | 2,597 | 2,765 | 2,997 | 2,949 | 3,015 | 2,950 | 3,184 | -0.6 | 6.2 | 160.6 | 172.8 |
| Financial investment ${ }^{4}$ | 2,064 | 2,219 | 2,435 | 2,386 | 2,473 | 2,412 | 2,608 | 0.1 | 7.1 | 130.4 | 141.6 |
| Currency and deposits | 481 | 510 | 536 | 564 | 610 | 573 | 630 | -1.2 | 17.5 | 28.7 | 34.2 |
| Debt securities | 210 | 236 | 272 | 273 | 301 | 308 | 358 | 13.4 | 31.8 | 14.6 | 19.5 |
| Loans | 386 | 368 | 381 | 377 | 381 | 384 | 454 | 4.8 | 19.1 | 20.4 | 24.6 |
| Short-term | 46 | 46 | 55 | 52 | 57 | 57 | 88 | 33.7 | 60.6 | 2.9 | 4.8 |
| Long-term | 340 | 322 | 326 | 325 | 324 | 327 | 366 | 1.0 | 12.1 | 17.5 | 19.8 |
| Shares and other equity | 987 | 1,105 | 1,246 | 1,172 | 1,181 | 1,146 | 1,166 | -3.8 | -6.4 | 66.7 | 63.3 |
| Quoted shares | 317 | 386 | 432 | 354 | 356 | 311 | 263 | -27.1 | -39.1 | 23.2 | 14.3 |
| Unquoted shares and other equity | 556 | 586 | 667 | 676 | 683 | 697 | 782 | 13.4 | 17.3 | 35.7 | 42.5 |
| Mutual fund shares | 114 | 133 | 146 | 142 | 142 | 138 | 121 | -8.0 | -17.3 | 7.8 | 6.6 |
| Other financial assets ${ }^{5}$ | 534 | 546 | 563 | 563 | 542 | 538 | 576 |  |  | 30.1 | 31.3 |
| Liabilities | 6,746 | 6,754 | 6,800 | 6,934 | 6,881 | 6,996 | 7,448 | 2.6 | 9.5 | 364.2 | 404.2 |
| Financing ${ }^{4)}$ | 6,393 | 6,373 | 6,400 | 6,554 | 6,516 | 6,634 | 7,046 | 2.9 | 10.1 | 342.8 | 382.4 |
| Currency and deposits | 334 | 346 | 253 | 238 | 239 | 234 | 254 | -29.3 | 0.4 | 13.5 | 13.8 |
| Debt securities | 4,975 | 4,931 | 4,956 | 5,095 | 5,048 | 5,172 | 5,538 | 3.0 | 11.7 | 265.5 | 300.6 |
| Short-term | 588 | 569 | 607 | 656 | 678 | 711 | 846 | 6.5 | 39.4 | 32.5 | 45.9 |
| Long-term | 4,387 | 4,361 | 4,349 | 4,440 | 4,370 | 4,462 | 4,692 | 2.5 | 7.9 | 233.0 | 254.6 |
| Loans | 1,084 | 1,095 | 1,191 | 1,220 | 1,229 | 1,228 | 1,254 | 12.2 | 5.2 | 63.8 | 68.0 |
| Short-term | 127 | 130 | 152 | 181 | 191 | 196 | 184 | 19.5 | 21.2 | 8.1 | 10.0 |
| Long-term | 957 | 965 | 1,039 | 1,039 | 1,038 | 1,031 | 1,070 | 10.9 | 2.9 | 55.7 | 58.0 |
| Other liabilities ${ }^{6}$ | 353 | 381 | 399 | 381 | 365 | 362 | 402 |  |  | 21.4 | 21.8 |
| Memo: Government debt (at nominal value) ${ }^{7}$ | 5,694 | 5,823 | 6,069 | 6,058 | 6,145 | 6,192 | 6,660 |  |  |  |  |

Sources: ECB and Eurostat

1) Annual percentage changes are calculated as $100 *\left(x_{t}-x_{t-4}\right) / x_{t-4}$ where $x_{t}$ stands for the transaction or end-of-quarter stock $x$ in quarter $t$, and $x_{t-4}$ for the transaction or stock four quarters earlier.
2) Changes in inventories, acquisitions less disposals of valuables and acquisitions less disposals of non-produced non-financial assets.
3) Annual growth rates for financial transactions are calculated as $100 *\left(f_{t}+f_{t-1}+f_{t-2}+f_{t-3}\right) / F_{t-4}$ where $f_{t}$ stands for the transactions in quarter $t$, and $F_{t-4}$ for the end-ofquarter stock value four quarters earlier.
4) In line with existing conventions, the financing of the government excludes the net incurrence of liabilities via financial derivatives, shares and other equity,
pension fund reserves and other accounts payable, and the financial investment of the government excludes financial derivatives, prepayments of insurance premiums and reserves for outstanding claims and other accounts receivable.
5) Other accounts receivable, financial derivatives and prepayments of insurance premiums and reserves for outstanding claims.
6) Other accounts payable, pension fund reserves, financial derivatives and unquoted shares and other equity.
7) General government debt at nominal value and consolidated between sub-sectors of general government.

Table 5 Financial corporations
EUR billions

| Non-financial transactions | four-quarter-cumulated sums |  |  |  |  |  |  | annual percentage changes ${ }^{1)}$ |  | $\begin{aligned} & \text { percentage of } \\ & \text { GVA or (NVA) }{ }^{2)} \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 | 2007Q4 | 2008Q4 |
| Gross value added (GVA) | 366 | 378 | 388 | 393 | 398 | 400 | 402 | 2.3 | 2.0 | 100.0 | 100.0 |
| Net value added (NVA) | 325 | 336 | 344 | 349 | 353 | 356 | 357 | 2.4 | 2.1 | 88.6 | 88.9 |
| Net entrepreneurial income | 523 | 573 | 677 | 689 | 699 | 709 | 698 | 6.6 | -6.9 | 196.8 | 195.4 |
| Net disposable income | 104 | 103 | 131 | 138 | 137 | 144 | 129 |  |  | 38.0 | 36.1 |
| Adj. for change in net worth in pension fund | -48 | -44 | -58 | -61 | -62 | -65 | -65 |  |  | -16.9 | -18.3 |
| Net saving | 104 | 103 | 131 | 138 | 137 | 144 | 129 |  |  | 38.0 | 36.1 |
| Net capital transfers (receivable-payable) | -13 | -7 | 4 | 6 | 7 | 2 | 3 |  |  | 1.1 | 0.8 |
| Consumption of fixed capital | 41 | 43 | 44 | 44 | 44 | 44 | 45 | 1.0 | 1.6 | 11.4 | 11.1 |
| Gross fixed capital formation | 40 | 47 | 43 | 44 | 46 | 48 | 54 | 10.8 | 71.0 | 11.0 | 13.4 |
| Net acquisition of other non-financial assets ${ }^{3}$ | 0 | 0 | -2 | -1 | 0 | 1 | 1 |  |  | -0.5 | 0.2 |
| Net lending (+) / net borrowing (-) | 93 | 91 | 139 | 146 | 142 | 142 | 122 |  |  | 35.7 | 30.4 |
| Financial transactions |  |  | quarte | r-cumulate | d sums |  |  | annual rates | growth $e^{4}$ | percent GV | tage of A |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 | 2007Q4 | 2008Q4 |
| Financial investment | 2,997 | 3,444 | 4,062 | 3,725 | 3,244 | 2,828 | 1,918 | 7.3 | 4.9 | 1046.1 | 477.2 |
| Currency and deposits | 430 | 774 | 820 | 667 | 490 | 462 | 194 | 9.7 | 4.0 | 211.2 | 48.1 |
| Debt securities | 737 | 571 | 770 | 687 | 611 | 533 | 382 | 6.6 | 4.6 | 198.3 | 95.0 |
| Short-term | 77 | 105 | 149 | 119 | 91 | 38 | -11 | 4.7 | -1.3 | 38.4 | -2.8 |
| Long-term | 661 | 466 | 621 | 568 | 520 | 495 | 393 | 6.8 | 5.3 | 159.9 | 97.7 |
| Loans | 920 | 1,260 | 1,532 | 1,563 | 1,472 | 1,245 | 821 | 9.0 | 5.7 | 394.6 | 204.1 |
| Short-term | 177 | 336 | 377 | 468 | 429 | 389 | 224 | 11.7 | 6.6 | 97.1 | 55.8 |
| Long-term | 743 | 924 | 1,155 | 1,095 | 1,043 | 856 | 596 | 8.1 | 5.4 | 297.5 | 148.3 |
| Shares and other equity | 611 | 639 | 556 | 403 | 314 | 228 | -44 | 2.5 | -0.5 | 143.2 | -10.9 |
| Other financial assets ${ }^{5}$ ) | 298 | 199 | 384 | 404 | 358 | 360 | 566 |  |  | 98.8 | 140.9 |
| Financing | 2,905 | 3,353 | 3,923 | 3,579 | 3,102 | 2,686 | 1,796 | 6.9 | 4.6 | 1010.4 | 446.8 |
| Currency and deposits | 991 | 1,250 | 1,577 | 1,586 | 1,384 | 1,291 | 929 | 9.6 | 6.7 | 406.1 | 231.2 |
| Debt securities | 465 | 696 | 797 | 629 | 645 | 589 | 323 | 12.3 | 6.4 | 205.4 | 80.2 |
| Short-term | 44 | 100 | 148 | 96 | 93 | 18 | -90 | 3.5 | -16.2 | 38.2 | -22.3 |
| Long-term | 421 | 596 | 649 | 534 | 553 | 571 | 412 | 13.3 | 9.1 | 167.2 | 102.5 |
| Loans | 147 | 191 | 390 | 482 | 445 | 274 | 142 | 15.2 | 7.6 | 100.5 | 35.2 |
| Short-term | 82 | 96 | 171 | 242 | 203 | 156 | 109 | 15.6 | 10.8 | 44.0 | 27.0 |
| Long-term | 65 | 95 | 220 | 239 | 242 | 118 | 33 | 14.8 | 3.9 | 56.5 | 8.2 |
| Shares and other equity | 654 | 634 | 507 | 333 | 212 | 125 | -129 | 1.2 | -1.2 | 130.6 | -32.1 |
| Quoted shares | 23 | 45 | 50 | 44 | 48 | 40 | 50 | 2.4 | 3.1 | 12.8 | 12.5 |
| Unquoted shares and other equity | 23 | 144 | 244 | 216 | 204 | 206 | 114 | 8.1 | 4.3 | 62.9 | 28.4 |
| Mutual fund shares | 608 | 445 | 213 | 73 | -40 | -122 | -293 | -1.9 | -4.6 | 54.9 | -72.9 |
| Insurance technical reserves | 335 | 324 | 294 | 276 | 259 | 244 | 204 | 4.7 | 3.9 | 75.8 | 50.7 |
| Other liabilities ${ }^{6}$ | 312 | 258 | 358 | 273 | 155 | 163 | 328 |  |  | 92.1 | 81.5 |
| Net lending (+)/ net borrowing (-) (financial accounts) | 93 | 91 | 139 | 146 | 142 | 142 | 122 |  |  | 35.7 | 30.4 |
| Financial balance sheet |  |  | end-of- | period sto | cks |  |  | annual pe chang | rcentage $\text { ges }^{1)}$ |  |  |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 |  |  |
| Financial investment | 31,713 | 35,731 | 39,507 | 39,563 | 39,743 | 39,834 | 39,163 | 3.2 | -0.9 |  |  |
| Currency and deposits | 3,458 | 4,179 | 4,803 | 4,906 | 4,895 | 5,118 | 5,050 | 7.4 | 5.1 |  |  |
| Debt securities | 7,231 | 7,696 | 8,304 | 8,409 | 8,509 | 8,603 | 8,790 | 6.2 | 5.8 |  |  |
| Short-term | 561 | 673 | 848 | 880 | 907 | 869 | 830 | 6.7 | -2.1 |  |  |
| Long-term | 6,670 | 7,023 | 7,456 | 7,530 | 7,602 | 7,734 | 7,960 | 6.1 | 6.8 |  |  |
| Loans | 11,613 | 12,809 | 14,336 | 14,685 | 14,958 | 15,183 | 15,119 | 9.3 | 5.5 |  |  |
| Short-term | 2,778 | 3,073 | 3,379 | 3,579 | 3,660 | 3,706 | 3,594 | 11.0 | 6.4 |  |  |
| Long-term | 8,835 | 9,736 | 10,957 | 11,106 | 11,299 | 11,477 | 11,525 | 8.8 | 5.2 |  |  |
| Shares and other equity | 7,390 | 8,723 | 9,315 | 8,625 | 8,370 | 7,920 | 6,983 | -14.1 | -25.0 |  |  |
| Other financial assets ${ }^{5}$ ) | 2,022 | 2,325 | 2,749 | 2,937 | 3,010 | 3,009 | 3,222 |  |  |  |  |
| Financing | 31,893 | 35,960 | 39,458 | 39,318 | 39,430 | 39,399 | 38,508 | 1.8 | -2.4 |  |  |
| Currency and deposits | 11,303 | 12,444 | 13,824 | 14,102 | 14,373 | 14,786 | 14,879 | 9.8 | 7.6 |  |  |
| Debt securities | 3,663 | 4,330 | 5,079 | 5,076 | 5,271 | 5,367 | 5,412 | 11.9 | 6.6 |  |  |
| Short-term | 319 | 417 | 553 | 525 | 535 | 523 | 463 | 2.7 | -16.3 |  |  |
| Long-term | 3,345 | 3,913 | 4,526 | 4,551 | 4,736 | 4,844 | 4,949 | 13.0 | 9.3 |  |  |
| Loans | 1,334 | 1,513 | 1,859 | 2,029 | 2,048 | 2,074 | 1,983 | 15.3 | 6.7 |  |  |
| Short-term | 766 | 852 | 1,008 | 1,162 | 1,165 | 1,162 | 1,125 | 16.3 | 11.7 |  |  |
| Long-term | 568 | 660 | 851 | 866 | 883 | 913 | 858 | 14.1 | 0.8 |  |  |
| Shares and other equity | 8,950 | 10,327 | 10,652 | 9,940 | 9,535 | 9,030 | 7,998 | -15.4 | -24.9 |  |  |
| Quoted shares | 1,374 | 1,707 | 1,602 | 1,367 | 1,104 | 998 | 652 | -39.6 | -59.3 |  |  |
| Unquoted shares and other equity | 2,217 | 2,538 | 2,678 | 2,579 | 2,543 | 2,453 | 2,264 | -3.9 | -15.5 |  |  |
| Mutual fund shares | 5,360 | 6,082 | 6,372 | 5,995 | 5,888 | 5,578 | 5,082 | -13.7 | -20.2 |  |  |
| Insurance technical reserves | 4,607 | 4,984 | 5,275 | 5,271 | 5,301 | 5,291 | 5,234 | 1.2 | -0.8 |  |  |
| Other liabilities ${ }^{6}$ | 2,035 | 2,362 | 2,769 | 2,900 | 2,901 | 2,851 | 3,002 |  |  |  |  |

Sources: ECB and Eurostat

1) Annual percentage changes are calculated as $100^{*}\left(x_{t}-x_{t-4}\right) / x_{t-4}$ where $x_{t}$ stands for the transaction or end-of-quarter stock $x$ in quarter $t$, and $x_{t-4}$ for the transaction or stock four quarters earlier.
2) As a percentage of net value added in the case of net entrepreneurial income and net saving.
3) Changes in inventories, acquisitions less disposals of valuables and acquisitions less disposals of non-produced non-financial assets (e.g. land).
4) Annual growth rates for financial transactions are calculated as $100 *\left(f_{t}+f_{t-1}+f_{t-2}+f_{t-3}\right) / F_{t-4}$ where $f_{t}$ stands for the transactions in quarter $t$, and $F_{t-4}$ for the end-ofquarter stock value four quarters earlier.
5) Monetary gold and SDRs, other accounts receivable, and prepayments of insurance premiums and reserves for outstanding claims
6) Other accounts payable and financial derivative net liabilities.

Table 6 Insurance corporations and pension funds
EUR billions

| Financial transactions | four-quarter-cumulated sums |  |  |  |  |  |  | annual growth rates ${ }^{1)}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 |
| Financial investment | 372 | 397 | 296 | 321 | 273 | 249 | 284 | 4.0 | 4.6 |
| Currency and deposits | 24 | 88 | 58 | 61 | 52 | 33 | 57 | 4.1 | 7.1 |
| Debt securities | 152 | 175 | 168 | 144 | 128 | 131 | 114 | 5.9 | 5.1 |
| Short-term | 18 | 46 | 60 | 48 | 33 | 17 | 11 | 5.5 | 3.4 |
| Long-term | 134 | 129 | 108 | 96 | 94 | 114 | 103 | 5.9 | 5.4 |
| Loans | -4 | 3 | -14 | 21 | 17 | 21 | 31 | 6.2 | 9.3 |
| Shares and other equity | 148 | 113 | 91 | 101 | 85 | 73 | 66 | 3.0 | 2.7 |
| Quoted shares | 31 | -2 | -5 | -2 | -1 | -9 | -5 | -1.2 | -0.7 |
| Unquoted shares and other equity | 31 | 27 | 27 | 45 | 41 | 46 | 41 | 9.2 | 8.0 |
| Mutual fund shares | 87 | 87 | 69 | 58 | 45 | 36 | 30 | 3.1 | 2.5 |
| Other financial assets ${ }^{2}$ | 51 | 18 | -7 | -5 | -8 | -9 | 16 |  |  |
| Financing | 404 | 389 | 338 | 344 | 297 | 256 | 240 | 4.0 | 3.8 |
| Currency and deposits | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.1 | 15.9 |
| Debt securities | 0 | 5 | 3 | 4 | 5 | 5 | 9 | 14.9 | 26.3 |
| Loans | 17 | 36 | 22 | 44 | 18 | 4 | 22 | 2.0 | 11.6 |
| Short-term | 12 | 24 | 19 | 44 | 19 | 10 | 25 | 8.1 | 22.0 |
| Long-term | 5 | 11 | 3 | 0 | -1 | -6 | -3 | -6.9 | -4.0 |
| Shares and other equity | 14 | 11 | 3 | 4 | 7 | 5 | 19 | 0.7 | 2.9 |
| Quoted shares | 6 | 3 | 2 | 1 | 2 | 1 | 2 | 0.2 | 0.8 |
| Unquoted shares and other equity | 8 | 8 | 1 | 3 | 5 | 4 | 16 | 1.1 | 4.4 |
| Insurance technical reserves | 334 | 322 | 292 | 273 | 256 | 240 | 197 | 4.6 | 3.8 |
| Other liabilities ${ }^{3}$ | 39 | 14 | 19 | 18 | 11 | 1 | -7 |  |  |
| Net lending (+) / net borrowing (-) (financial accounts) | -33 | 8 | -42 | -23 | -24 | -7 | 44 |  |  |
| Financial balance sheet | end-of-period stocks |  |  |  |  |  |  | annual percentage changes ${ }^{4)}$ |  |
|  | 2005 | 2006 | 2007Q4 | 2008Q1 | 2008Q2 | 2008Q3 | 2008Q4 | 2008Q3 | 2008Q4 |
| Financial investment | 5,478 | 6,006 | 6,245 | 6,219 | 6,168 | 6,117 | 6,013 | -2.5 | -3.7 |
| Currency and deposits | 671 | 759 | 815 | 842 | 836 | 838 | 875 | 4.3 | 7.4 |
| Debt securities | 1,989 | 2,116 | 2,245 | 2,316 | 2,315 | 2,358 | 2,377 | 5.6 | 5.9 |
| Short-term | 207 | 258 | 330 | 346 | 357 | 347 | 342 | 9.5 | 3.7 |
| Long-term | 1,782 | 1,857 | 1,915 | 1,970 | 1,958 | 2,011 | 2,035 | 5.0 | 6.3 |
| Loans | 353 | 351 | 332 | 359 | 356 | 358 | 366 | 6.6 | 10.3 |
| Shares and other equity | 2,039 | 2,333 | 2,409 | 2,250 | 2,208 | 2,110 | 1,938 | -13.5 | -19.6 |
| Quoted shares | 653 | 724 | 708 | 613 | 594 | 535 | 427 | -29.1 | -39.8 |
| Unquoted shares and other equity | 403 | 481 | 511 | 489 | 473 | 466 | 449 | -6.7 | -12.1 |
| Mutual fund shares | 983 | 1,128 | 1,190 | 1,148 | 1,141 | 1,109 | 1,062 | -6.3 | -10.7 |
| Other financial assets ${ }^{2}$ | 425 | 446 | 444 | 451 | 453 | 454 | 457 |  |  |
| Financing | 5,591 | 6,051 | 6,357 | 6,327 | 6,330 | 6,303 | 6,159 | -0.9 | -3.1 |
| Currency and deposits | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 4.1 | 15.9 |
| Debt securities | 21 | 36 | 35 | 36 | 37 | 37 | 43 | 1.1 | 22.6 |
| Loans | 136 | 168 | 187 | 221 | 211 | 207 | 213 | 2.8 | 13.7 |
| Short-term | 74 | 94 | 112 | 146 | 135 | 132 | 141 | 10.2 | 25.4 |
| Long-term | 62 | 74 | 75 | 76 | 76 | 75 | 72 | -8.1 | -3.7 |
| Shares and other equity | 630 | 676 | 645 | 595 | 564 | 550 | 490 | -19.4 | -24.1 |
| Quoted shares | 285 | 318 | 277 | 244 | 216 | 213 | 165 | -27.9 | -40.5 |
| Unquoted shares and other equity | 344 | 357 | 367 | 350 | 347 | 336 | 324 | -13.0 | -11.8 |
| Insurance technical reserves | 4,556 | 4,931 | 5,219 | 5,215 | 5,242 | 5,232 | 5,171 | 1.2 | -0.9 |
| Other liabilities ${ }^{3)}$ | 247 | 240 | 268 | 257 | 273 | 276 | 240 |  |  |

Source: ECB

1) Annual growth rates for financial transactions are calculated as $100 *\left(f_{t}+f_{t-1}+f_{t-2}+f_{t-3}\right) / F_{t-4}$ where $f_{t}$ stands for the transactions in quarter $t$, and $F_{t-4}$ for the end-
of-quarter stock value four quarters earlier.
2) Other accounts receivable, and prepayments of insurance premiums and reserves for outstanding claims.
3) Other accounts payable and financial derivative net liabilities.
4) Annual percentage changes are calculated as $100^{*}\left(x_{t}-x_{t-4}\right) / x_{t-4}$ where $x t$ stands for the transaction or end-of-quarter stock $x$ in quarter $t$, and $x_{t-4}$ for the transaction or stock four quarters earlier.

[^0]:    ' The euro area accounts are expressed in current prices and they are not seasonally adjusted. The (nominal) growth rates are presented as year-on-year changes (see the notes).
    ${ }^{2}$ The households' saving rate is based on four-quarter cumulated sums of both their saving and their gross disposable income.

[^1]:    3 This also includes changes in inventories and net acquisitions of non-produced, non financial assets.
    ${ }^{4}$ For the sectors households and non-financial corporations, the figures for net lending / net borrowing derived from the non-financial accounts differ somewhat from those derived from the financial accounts, due to remaining statistical discrepancies.

[^2]:    ${ }^{5}$ Net entrepreneurial income is broadly equivalent to current profits in business accounting (after the receipt and payment of interest and including the profits of foreign subsidiaries, but before the payment of income taxes and dividends).

[^3]:    6 See http://ec.europa.eu/eurostat/sectoraccounts (Eurostat) for the non-financial accounts of the EU.

[^4]:    7 For more details, see http://forum.europa.eu.int/irc/dsis/nfaccount/info/data/esa95/en/titelen.htm.

[^5]:    Sources: ECB and Eurostat

[^6]:    Sources: ECB and Eurostat

