

4.16 Monetary indicators and prices

| | Money and quasi money annual % growth of M2 | | Claims on private sector annual growth as % of M2 | | Cla gove and public | Claims on governments and other public entities | | GDP implicit deflator | | Consumer price index | | Food price index | |
|--------------------------|------------------------------------------------------|-------------|------------------------------------------------------------|-------------|------------------------------|----------------------------------------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|------------------------|--|
| | | | | | annual growth as % of M2 | | average annual % growth | | average annual % growth | | average annual % growth | | |
| | 1990 | 1998 | 1990 | 1998 | 1990 | 1998 | 1980-90 | 1990-98 | 1980–90 | 1990-98 | 1980-90 | 1990-98 | |
| Albania | •• | 20.6 | •• | 0.9 | •• | 17.7 | -0.4 | 51.5 | •• | 37.0 | | 40.4 | |
| Algeria | 11.4 | 18.9 | 12.2 | 1.9 | 3.2 | 10.9 | 8.1 | 21.1 | 9.1 | 24.8 | 6.8 | 23.5 | |
| Angola | | 57.6 | | -0.1 | | 69.4 | 201.1 | 924.3 | | 994.2 | | 1,216.9 | |
| Argenuna | 1,113.3 | 20.0 | 1,444.7 | 9.5 | 1,573.2 | 0.1 | 391.1 | 2/0.1 | 390.6 | 140.7 | 206.9 | 15.2 | |
| | | 30.2 8.4 | | 47.9 | -2.2 | 0.0 1 0 | 7 3 | 349.1 1 7 | 7 9 | 2.2 | | | |
| Austriaª | | | 10.0 | 14.0 | | 1.0 | 3.3 | 2.5 | 3.2 | 2.6 | 2.6 | 1.8 | |
| Azerbaijan | | -17.4 | | 6.6 | | -3.1 | | 322.3 | | 1.005.8 | 1.5 | 339.5 | |
| Bangladesh | 10.4 | 11.4 | 9.2 | 10.0 | -0.7 | 3.6 | 9.5 | 3.6 | | 5.4 | 10.4 | 4.3 | |
| Belarus | | 276.0 | | 143.6 | | 63.9 | •• | 449.9 | | 455.3 | 2.4 | 485.9 | |
| Belgiumª | | | | | | | 4.4 | 2.3 | 4.2 | 2.1 | 4.0 | 0.9 | |
| Benin | 28.6 | -3.1 | -1.3 | 9.7 | 12.4 | -8.8 | 1.7 | 10.1 | •• | 11.6 | | 8.2 | |
| Bolivia | 52.8 | 12.9 | 40.8 | 25.4 | 8.4 | 5.1 | 327.2 | 9.9 | 322.5 | 10.0 | 322.0 | 10.4 | |
| Bosnia and Herzegovina | | •• | •• | | •• | •• | •• | | •• | •• | | •• | |
| Botswana | -14.0 | 39.4 | 12.6 | 16.7 | -52.5 | -89.8 | 13.6 | 10.3 | 10.0 | 11.3 | 10.7 | 12.0 | |
| Brazil | 1,289.2 | 10.0 | 1,566.4 | 13.6 | 2,815.8 | 14.9 | 284.0 | 347.4 | 285.6 | 333.7 | 238.2 | 327.6 | |
| Bulgaria | 53.8 | 10.1 | 1.9 | 10.1 | 47.5 | -19.7 | 1.8 | 116.9 | 6.3 | 138.9 | | 148.6 | |
| Burundi | -0.5 | 1.4 0.1 | 16.3 | 5.0 | -1.5 _8 1 | -0.2 | 3.3 | 0.0 | 1.U 7 1 | 16.0 | -0.5 | 5.4 6.7 | |
| Cambodia | 10.4 | 9.4 15.7 | 10.3 | 4.4 | -0.1 | 10.9 | 4.4 | 32.8 | 1.1 | 7.0 | 0.1 | 6.8 | |
| Cameroon | -1.7 | 7.8 | | 11.7 | -1.9 | -3.2 | 5.6 | 6.1 | | 8.6 | •• | 0.0 | |
| Canada | 7.8 | 2.3 | 9.2 | 1.8 | 0.6 | -1.3 | 4.5 | 1.4 | 5.3 | 1.7 | 4.6 | 1.5 | |
| Central African Republic | -3.7 | -16.1 | -1.6 | 3.2 | -5.0 | 1.1 | 7.9 | 5.4 | 3.2 | 6.7 | 2.0 | 7.8 | |
| Chad | -2.4 | -8.4 | -1.3 | 4.3 | -6.0 | -4.0 | 1.4 | 8.3 | 0.6 | 9.5 | | 9.6 | |
| Chile | 23.5 | 9.6 | 21.4 | 12.5 | 9.1 | 0.8 | 20.7 | 9.3 | 20.6 | 10.5 | 20.8 | 10.3 | |
| China | 28.9 | 14.9 | 26.5 | 13.6 | 1.5 | 3.7 | 5.9 | 9.7 | | 11.3 | | | |
| Hong Kong, China | 8.5 | 11.1 | 7.9 | -6.2 | -1.0 | -8.4 | 7.7 | 6.4 | | 7.7 | 6.8 | 6.2 | |
| Colombia | 33.0 | 20.9 | 8.7 | 25.7 | 1.7 | 6.8 | 24.8 | 21.5 | 22.7 | 22.6 | 24.5 | 20.2 | |
| Congo, Dem. Rep. | 195.4 | | 18.0 | | 421.6 | | 62.9 | 1,423.1 | 57.1 | 2,089.0 | •• | •• | |
| Congo, Rep. | 18.5 | -12.8 | 5.1 | 2.7 | -9.1 | 8.7 | 0.5 | 7.1 | 6.1 | 14.8 | 4.1 | 10.2 | |
| Costa Rica | 27.5 | 26.3 | 7.3 | 25.2 | 5.0 | 6.7 | 23.6 | 17.6 | 23.0 | 16.9 | 23.0 | 14.7 | |
| Creatio | -2.0 | 12.0 | -3.9 | 2.8 | -3.0 | 3.0 | 2.8 | 8.1 121 0 | 204 4 | 422.4 | | | |
| Cuba | | 13.0 | •• | 20.0 | •• | 1.0 | •• | 191.2 | 304.1 | 132.4 | 240.5 | 130.0 | |
| Czech Republic | •• | 3.4 | •• | -2.2 | •• | 0.6 | 2.6 | 13.7 | •• | 9.2 | •• | 15.9 | |
| Denmark | 6.5 | 3.3 | | 6.9 | -3.1 | 0.2 | 5.6 | 1.6 | 5.5 | 2.0 | 4.8 | 1.9 | |
| Dominican Republic | 42.5 | 16.6 | 19.1 | 13.3 | 0.6 | 1.1 | 21.6 | 10.6 | 22.4 | 9.6 | 25.2 | 11.7 | |
| Ecuador | 101.6 | 43.3 | 46.7 | 46.2 | -25.7 | 13.2 | 36.4 | 32.0 | 35.8 | 33.9 | 43.0 | 33.7 | |
| Egypt, Arab Rep. | 28.7 | 10.8 | 6.3 | 14.1 | 15.2 | 4.9 | 13.7 | 9.7 | 17.4 | 10.5 | 19.0 | 8.3 | |
| El Salvador | 32.4 | 10.5 | 8.8 | 12.2 | 13.6 | -10.1 | 16.3 | 8.9 | 19.6 | 10.6 | 21.4 | 12.5 | |
| Eritrea | •• | •• | •• | •• | •• | •• | •• | 10.1 | •• | •• | •• | •• | |
| Estonia | 71.1 | 6.6 | 27.6 | 9.7 | -2.2 | 6.3 | 2.3 | 75.4 | •• | 30.1 | | 72.1 | |
| Ethiopia | 18.5 | -2.8 | -1.0 | 3.6 | 21.7 | 4.8 | 4.6 | 8.0 | 4.0 | 6.9 | 3.7 | 6.5 | |
| Finlanda | | •• | •• | •• | •• | •• | 6.8 | 1.7 | 6.2 | 1.6 | 5.8 | -1.0 | |
| France ^a | | | | | | | 6.0 | 1./ | 5.8 | 1.9 | 5.7 | 1.1 | |
| Gapon Cambia Tha | 3.3 | -1.8 | 0.7 | 3.3 E 1 | -19.2 | 25.4 | 1.8 | 1.2 | 5.1 | 5.7 | 2.8 | 5.1 | |
| Georgia | 0.4 | _1 1 | ٥. ١ | 5.4 25.4 | -30.4 | 0.0 27 Q | 1 Q | 4.4 700 2 | 20.0 | 4.0 | 20.4 | 5.0 | |
| Germany ^a | •• | -1.1 | •• | 20.4 | •• | 21.3 | 1.3 | 2.2 | 2.2 b | -1.7 | •• | 1.8 | |
| Ghana | 13.3 | | | 18.4 | 3.9 | | 42.1 | 28.6 | 39.1 | 30.4 | | 27.5 | |
| Greece | 14.3 | 6.7 | 4.6 | 16.3 | 16.3 | -1.9 | 18.0 | 11.0 | 18.7 | 10.7 | 18.0 | 0 | |
| Guatemala | 25.8 | 19.4 | 15.0 | 19.6 | 0.5 | -14.0 | 14.6 | 11.4 | 14.0 | 11.4 | 14.6 | 11.5 | |
| Guinea | -17.4 | 18.2 | 13.1 | -0.3 | 7.3 | -9.1 | | 6.7 | •• | | | 9.1 | |
| Guinea-Bissau | 65.3 | 48.4 | 57.4 | 8.8 | 98.1 | 21.0 | 57.4 | 41.8 | | 41.9 | | | |
| Haiti | 2.5 | 8.9 | -0.6 | 4.1 | 2.2 | 2.9 | 7.5 | 23.3 | 5.2 | 24.8 | 4.1 | 19.2 | |
| Honduras | 21.4 | 23.2 | 13.0 | 28.6 | -10.5 | -12.2 | 5.7 | 20.6 | 6.3 | 20.0 | 5.1 | 21.6 | |



Monetary indicators and prices 4.16

| | Money and quasi money annual % growth of M2 | | Claims on private sector annual growth as % of M2 | | Cla gove and public | Claims on governments and other public entities annual growth as % of M2 | | GDP implicit deflator average annual % growth | | Consumer price index average annual % growth | | Food price index average annual % growth | |
|--------------------------|------------------------------------------------------|-------|------------------------------------------------------------|-------|------------------------------|-----------------------------------------------------------------------------------------|------------|-----------------------------------------------------------|-------------|----------------------------------------------------------|---------|------------------------------------------------------|--|
| | | | | | annu as S | | | | | | | | |
| | 1990 | 1998 | 1990 | 1990 | 1990 | 1990 | 1390-30 | 1990-98 | 1990-90 | 1990-98 | 1990-90 | 1990-98 | |
| Hungary | 29.2 | •• | 22.8 | | 2.3 | | 8.9 | 22.0 | 9.6 | 22.7 | 9.5 | 22.6 | |
| India | 15.1 | 18.2 | 5.9 | 7.6 | 10.5 | 7.3 | 8.0 | 8.9 | 8.6 | 9.7 | 8.4 | 10.3 | |
| Indonesia | 44.0 | 20.4 | 147 | 30.5 | -0.7 | 0.7 21.3 | 8.5 1// | 12.2 | 8.3 18.2 | 28.1 | 16.3 | 9.0 | |
| Iran | 18.0 | 20.4 | 14.1 | 9.4 | 5.0 | 21.3 | 10.3 | 20.3 | 10.2 | 20.1 | 10.5 | 29.2 | |
| Irelanda | | •• | •• | •• | •• | •• | 10.0 | 2.0 | 6.8 | 2.2 | 10.5 | 2.2 | |
| Israel | 19.4 | 11.1 | 18.5 | 16.5 | 4.9 | -6.1 | 101.1 | 11.0 | 101.7 | 11.1 | 102.4 | 9.1 | |
| Italy ^a | •• | | | | | | 10.0 | 4.4 | 9.1 | 4.2 | 8.2 | 3.6 | |
| Jamaica | 21.5 | 7.7 | 12.5 | 15.9 | -15.1 | 8.2 | 18.6 | 29.1 | 15.1 | 29.2 | 16.2 | 32.9 | |
| Japan | 8.2 | 4.2 | 9.7 | 0.8 | 1.5 | 2.2 | 1.7 | 0.2 | 1.7 | 1.0 | 1.6 | 0.8 | |
| Jordan | 8.3 | 6.3 | 4.7 | 5.4 | 1.0 | 7.1 | 4.3 | 3.3 | 5.7 | 4.1 | 4.7 | 4.5 | |
| Kazakhstan | | -14.1 | •• | 16.1 | •• | 9.3 | | 330.7 | •• | 120.3 | | 338.5 | |
| Kenya | 20.1 | 2.3 | 8.0 | 0.3 | 20.6 | 3.3 | 9.1 | 15.8 | 11.1 | 18.8 | •• | 19.4 | |
| Korea, Dem. Rep. | | | | | | | | | | | | | |
| Korea, Rep. | 17.2 | 27.0 | 36.1 | 12.0 | -1.2 | 6.0 | 6.1 | 6.4 | 4.9 | 5.6 | 5.0 | 5.8 | |
| Kyrgyz Republic | 0.7 | -0.8 | 5.5 | 18.1 | -3.1 | -0.3 | -2.0 | | 2.9 | 2.1 | 1.2 | 2.9 84.7 | |
| Lao PDR | | 113.3 | | 60.9 | -0.5 | -2.0 | •• | 16.3 | •• | | •• | 04.1 | |
| Latvia | | 6.8 | | 21.1 | | -2.3 | | 71.1 | | 41.8 | | 45.9 | |
| Lebanon | 55.1 | 16.1 | 27.6 | 9.5 | 18.5 | 10.8 | | 24.0 | 75.5 | 36.8 | | | |
| Lesotho | 8.4 | 20.6 | 6.8 | 3.6 | -17.4 | -3.9 | 13.8 | 7.7 | 13.6 | 12.1 | 13.2 | 13.0 | |
| Libya | 20.3 | 20.7 | 0.9 | 7.0 | 8.5 | -21.7 | 0.2 | •• | | •• | | | |
| Lithuania | | 14.5 | | 9.7 | | -3.3 | | 111.5 | | 50.8 | | 87.1 | |
| Macedonia, FYR | | 13.0 | | -64.1 | | -8.4 | | 17.9 | | 115.5 | 242.1 | 146.3 | |
| Madagascar | 4.5 | 6.2 | 23.8 | 0.4 | -14.8 | 19.1 | 17.1 | 22.1 | 16.6 | 21.3 | 15.7 | 21.5 | |
| Malawi | 11.1 | 60.0 | 15.8 | 26.9 | -14.0 | -25.0 | 14.6 | 33.2 | 16.9 | 33.6 | 16.3 | 38.6 | |
| Malaysia | 10.6 | -1.4 | 20.8 | 5.3 | -1.2 | -5.7 | 1.7 | 5.1 | 2.6 | 4.1 | 1.3 | 5.0 | |
| Mali | -4.9 | 4.0 | 0.1 | 15.7 | -13.4 | -1.2 | 4.5 | 9.3 | | 6.3 | •• | •• | |
| Mauritina | 11.5 | 4.1 | 20.2 | 9.5 | 1.5 | -41.8 | 10.0 | 5.3 | 7.1 | 0.0 | | | |
| Mauritius | 21.2 81.0 | 10.7 | 10.8 | 11.5 | 15.0 | -0.4 | 9.5 | 19.2 | 0.9 73.8 | 10.0 | 73.1 | 10.8 | |
| Moldova | 358.0 | -8.3 | 53.3 | 33.8 | 322.4 | 51 5 | 11.5 | 173.9 | 13.0 | 12.3 | 13.1 | 98.6 | |
| Mongolia | 31.6 | -1.7 | 40.2 | 22.4 | 15.4 | 4.2 | -1.6 | 78.2 | •• | 64.8 | | | |
| Morocco | 21.5 | 6.0 | 12.4 | 8.1 | -4.9 | -0.2 | 7.1 | 3.5 | 7.0 | 4.6 | 6.7 | 6.3 | |
| Mozambique | 37.2 | 17.7 | 22.0 | 16.5 | -6.4 | -16.8 | 38.3 | 41.1 | •• | 44.6 | | | |
| Myanmar | 37.7 | 34.2 | 12.8 | 12.5 | 23.9 | 10.7 | 12.2 | 25.9 | 11.5 | 26.8 | 11.9 | 28.2 | |
| Namibia | 30.3 | 11.3 | 15.4 | 8.9 | -7.3 | 0.7 | 13.9 | 9.5 | 12.6 | 10.2 | 14.9 | 9.8 | |
| Nepal | 18.5 | 24.0 | 5.7 | 14.0 | 6.0 | 1.6 | 11.1 | 8.9 | 10.2 | 9.3 | 10.1 | 9.6 | |
| Netherlands ^a | | •• | •• | •• | •• | •• | 1.6 | 2.1 | 2.0 | 2.4 | 1.2 | 1.5 | |
| New Zealand | 12.5 | 1.8 | 4.1 | 7.9 | -1.7 | 1.3 | 10.8 | 1.6 | 11.0 | 2.0 | 9.9 | 1.1 | |
| Nicaragua | 7,677.8 | 30.5 | 4,932.9 | 27.3 | 3,222.5 | 17.2 | 422.3 | 45.5 | 535.7 | 62.9 | •• | •• | |
| Niger | -4.1 | -18.7 | -5.1 | 14.0 | 1.4 | -11.2 | 1.9 | 6.8 | 0.7 | 1.2 | | | |
| Norway | 5.6 | Z1.Z | 7.0 5.0 | 10.2 | 27.1 | 20.0 | T0.1 | 30.7 | 21.3 | 40.4 | 21.0 | 37.0 | |
| Oman | 10.0 | | 9.6 | 10.2 | | -3.2 | -3.6 | _2.0 | 1.4 | 0.2 | 1.0 | 0.4 | |
| Pakistan | 11.6 | 7.9 | 5.9 | 7.1 | 7.7 | 1.8 | 6.7 | 11.1 | 6.3 | 10.8 | 6.6 | 11.4 | |
| Panama | 36.6 | 13.0 | 0.8 | 29.2 | -25.7 | -0.2 | 1.9 | 2.2 | 1.4 | 1.1 | 1.9 | 1.2 | |
| Papua New Guinea | 4.3 | 2.5 | 1.3 | 9.8 | 7.2 | 5.3 | 5.3 | 7.1 | 5.6 | 8.1 | 4.6 | 6.8 | |
| Paraguay | 52.5 | 9.0 | 33.1 | -2.2 | -5.6 | -1.8 | 24.4 | 14.6 | 21.9 | 14.7 | 24.9 | 13.5 | |
| Peru | 6,384.9 | 17.3 | 2,123.7 | 17.9 | 2,129.5 | 4.3 | 231.3 | 33.7 | 246.1 | 37.2 | •• | 41.0 | |
| Philippines | 22.5 | 8.5 | 15.7 | -6.2 | 1.8 | -0.2 | 14.9 | 8.5 | 13.4 | 8.7 | 14.1 | 7.9 | |
| Poland | 160.1 | 25.2 | 20.8 | 15.7 | -20.6 | 3.4 | 53.5 | 26.9 | 50.9 | 30.8 | 52.4 | 27.1 | |
| Portugal ^a | •• | •• | •• | •• | •• | •• | 18.0 | 5.8 | 17.1 | 5.2 | 16.9 | 4.0 | |
| Puerto Rico | | •• | | | •• | | 3.5 | 3.7 | | •• | 2.8 | 8.1 | |
| Romania | 26.4 | 48.9 | •• | 35.5 | •• | 17.0 | 2.5 | 113.8 | •• | 118.5 | 1.8 | 116.3 | |
| Russian Federation | | 37.5 | | 24.0 | | 74.6 | •• | 230.9 | •• | 137.0 | •• | 207.0 | |



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| | Money and quasi money | | Claims on private sector | | Claims on governments and other public entities | | GDP implicit deflator | | Consumer price index | | Food price index | | |
|------------------------------|-----------------------------|----------------------------------------------|-----------------------------|-------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|-----------------------------|------------------------------------------------------|----------------------------|------------------------------------------------------|------------------------|------------------------------------------------------|--|
| | annual of 1990 | annual % growth of M2 1990 1998 | | annual growth as % of M2 1990 1998 | | annual growth as % of M2 1990 1998 | | average annual % growth 1980–90 1990–98 | | average annual % growth 1980–90 1990–98 | | average annual % growth 1980-90 1990-98 | |
| Rwanda | 5.6 | 3.5 | -10.0 | 10.5 | 26.8 | -0.4 | 4.0 | 18.1 | 3.9 | 20.0 | | | |
| Saudi Arabia | 4.6 | 3.6 | -4.5 | 9.9 | 4.2 | 5.8 | -4.9 | 1.4 | -0.8 | 1.5 | -0.4 | 1.5 | |
| Senegal | -4.8 | 8.7 | -8.4 | 1.7 | -5.3 | 4.8 | 6.5 | 5.6 | 6.2 | 6.6 | 5.3 | 8.3 | |
| Sierra Leone | 74.0 | 11.3 | 4.9 | 1.2 | 228.6 | 26.2 | 64.0 | 32.5 | 72.4 | 32.1 | | •• | |
| Singapore | 20.0 | 30.2 | 13.7 | 9.3 | -4.9 | 6.0 | 1.9 | 2.1 | 1.6 | 2.1 | 0.9 | 2.0 | |
| Slovak Republic | •• | 4.9 | •• | 9.0 | | -1.6 | 1.8 | 11.4 | •• | 14.0 | 1.6 | 14.2 | |
| Slovenia | 123.0 | 19.5 | 96.1 | 19.1 | -10.4 | 1.4 | | 27.0 | •• | 32.8 | 252.3 | 35.3 | |
| South Africa | 11.4 | 13.7 | 13.7 | 18.8 | 1.8 | 2.8 | 15.5 | 10.6 | 14.8 | 9.6 | 15.1 | 11.3 | |
| Spain ^a | | | | | | | 9.3 | 4.2 | 9.0 | 4.2 | 9.3 | 3.3 | |
| Sri Lanka | 21.1 | 9.6 | 16.2 | 9.4 | 6.8 | 3.5 | 11.0 | 9.7 | 10.9 | 10.7 | 10.9 | 11.3 | |
| Sudan | 48.8 | 29.9 | 12.6 | 3.2 | 27.9 | 14.3 | 41.0 | 74.4 | 37.6 | 90.8 | •• | •• | |
| Sweden | | | | | | | 7.4 | 2.4 | 7.0 | 2.5 | 8.2 | -0.7 | |
| Switzerland | 0.8 | 5.1 | 11.7 | 1.9 | 1.0 | -2.5 | 3.4 | 1.7 | 2.9 | 2.0 | 3.1 | 0.5 | |
| Syrian Arab Republic | 26.1 | 124.0 | 3.4 | -0.3 | 11.4 | -7.6 | 15.3 | 8.9 | 23.2 | 9.1 | 24.5 | 7.6 | |
| Tajikistan | •• | •• | •• | •• | | | | 300.0 | | | | •• | |
| Tanzania | 41.9 | 10.8 | 22.6 | 7.9 | 80.6 | 2.6 | | 24.3 | 31.0 | 24.2 | 30.2 | 24.2 | |
| Thailand | 26.7 | 9.7 | 30.0 | -9.9 | -4.2 | 9.8 | 3.9 | 4.8 | 3.5 | 5.2 | 2.7 | 6.7 | |
| Тодо | 9.5 | 0.4 | 1.8 | 3.6 | 6.9 | 7.6 | 4.8 | 8.8 | 2.5 | 10.2 | | •• | |
| Trinidad and Tobago | 6.2 | 14.5 | 2.7 | 9.0 | 0.9 | -3.6 | 2.4 | 6.9 | 10.7 | 6.2 | 14.6 | 13.6 | |
| Tunisia | 7.6 | 5.4 | 5.9 | 9.7 | 1.8 | -1.1 | 7.4 | 4.8 | 7.4 | 4.8 | 8.3 | 4.8 | |
| Turkey | 53.2 | 89.7 | 42.9 | 39.3 | 3.6 | 41.4 | 45.2 | 79.4 | 44.9 | 82.1 | | 83.4 | |
| Turkmenistan | | •• | | | | | | 663.4 | | | | •• | |
| Uganda | 60.2 | 21.7 | •• | 13.1 | | 3.7 | 113.8 | 15.3 | 102.5 | 13.0 | •• | 13.4 | |
| Ukraine | •• | 22.3 | •• | 45.7 | | 59.8 | | 440.0 | | 413.4 | | •• | |
| United Arab Emirates | -8.2 | 4.2 | 1.3 | 13.2 | -4.8 | -1.7 | 0.8 | 2.4 | | | | •• | |
| United Kingdom | •• | •• | •• | •• | | | 5.7 | 3.0 | 5.8 | 3.0 | 4.6 | 2.4 | |
| United States | 4.9 | 10.0 | 1.1 | 13.3 | 0.6 | 1.1 | 4.2 | 1.9 | 4.2 | 2.8 | 3.8 | 3.9 | |
| Uruguay | 118.5 | 19.3 | 56.2 | 20.9 | 3.3 | -4.6 | 61.3 | 40.5 | 61.1 | 43.1 | 62.0 | 39.2 | |
| Uzbekistan | •• | •• | •• | | | •• | | 356.7 | •• | •• | •• | •• | |
| Venezuela, RB | 71.2 | 6.5 | 17.0 | 7.9 | 41.8 | 7.2 | 19.3 | 49.2 | 20.9 | 53.6 | 29.7 | 50.1 | |
| Vietnam | | 24.3 | | 12.8 | | -0.1 | 210.8 | 18.5 | | | | •• | |
| West Bank and Gaza | •• | •• | •• | •• | •• | •• | | 11.0 | | •• | | •• | |
| Yemen, Rep. | 11.3 | 11.8 | 1.4 | 3.9 | 8.3 | 18.7 | | 24.2 | | 32.6 | | | |
| Yugoslavia, FR (Serb./Mont.) | | •• | | •• | •• | | | | | | | | |
| Zambia | 47.9 | 25.6 | 22.8 | 1.4 | 185.8 | 178.0 | 42.2 | 63.5 | 72.5 | 80.8 | 42.8 | 73.0 | |
| Zimbabwe | 15.1 | 11.3 | 13.5 | 32.7 | 7.4 | 28.8 | 11.6 | 21.9 | 13.8 | 25.4 | 14.6 | 31.0 | |

a. As members of the European Monetary Union, these countries share a single currency, the euro. b. Data prior to 1990 refer to the Federal Republic of Germany before unification.

About the data

Money and the financial accounts that record the supply of money lie at the heart of a country's financial system. There are several commonly used definitions of the money supply. The narrowest, M1, encompasses currency held by the public and demand deposits with banks. M2 includes M1 plus time and savings deposits with banks that require a notice for withdrawal. M3 includes M2 as well as various money market instruments, such as certificates of deposit issued by banks, bank deposits denominated in foreign currency, and deposits with financial institutions other than banks. However defined, money is a liability of the banking system, distinguished from other bank liabilities by the special role it plays as a medium of exchange, a unit of account, and a store of value.

The banking system's assets include its net foreign assets and net domestic credit. Net domestic credit includes credit to the private sector and general government, and credit extended to the nonfinancial public sector in the form of investments in short- and long-term government securities and loans to state enterprises; liabilities to the public and private sectors in the form of deposits with the banking system are netted out. It also includes credit to banking and nonbank financial institutions.

Domestic credit is the main vehicle through which changes in the money supply are regulated, with central bank lending to the government often playing the most important role. The central bank can regulate lending to the private sector in several ways—for example, by adjusting the cost of the refinancing facilities it provides to banks, by changing market interest rates through open market operations, or by controlling the availability of credit through changes in the reserve requirements imposed on banks and ceilings on the credit provided by banks to the private sector.

Monetary accounts are derived from the balance sheets of financial institutions-the central bank, commercial banks, and nonbank financial intermediaries. Although these balance sheets are usually reliable, they are subject to errors of classification, valuation, and timing and to differences in accounting practices. For example, whether interest income is recorded on an accrual or a cash basis can make a substantial difference, as can the treatment of nonperforming assets. Valuation errors typically arise with respect to foreign exchange transactions, particularly in countries with flexible exchange rates or in those that have undergone a currency devaluation during the reporting period. The valuation of financial derivatives and the net liabilities of the banking system can also be difficult.

The quality of commercial bank reporting also may be adversely affected by delays in reports from bank branches, especially in countries where branch accounts are not computerized. Thus the data in the balance sheets of commercial banks may be based on preliminary estimates subject to constant revision. This problem is likely to be even more serious for nonbank financial intermediaries.

Controlling inflation is one of the primary goals of monetary policy and is intimately linked to the growth in money supply. Inflation is measured by the rate of increase in a price index, but actual price change can also be negative. Which index is used depends on which set of prices in the economy is being examined. The GDP deflator reflects changes in prices for total gross domestic product. It is the most general measure of the overall price level and takes into account changes in government consumption, capital formation (including inventory appreciation), international trade, and the main component, private consumption. It is usually derived implicitly as the ratio of current to constant price GDP, resulting in a Paasche index. As a general measure of inflation for use in policy, however, it is defective because of the long lags in deriving estimates and because it is often only an annual measure.

Consumer price indexes are more current and produced more frequently. They are also constructed explicitly, based on surveys of the cost of a defined basket of consumer goods and services. Consumer price indexes should be interpreted with caution. The definition of a household and the geographic (urban or rural) and income group coverage of consumer price surveys can vary widely across countries, as can the basket of goods chosen. In addition, the weights are derived from household expenditure surveys, which, for budgetary reasons, tend to be conducted infrequently in developing countries, leading to poor comparability over time. Although a useful indicator for measuring consumer price inflation within a country, the consumer price index is of less value in making comparisons across countries. Like consumer price indexes, the food price index too should be interpreted with caution because of the high variability across countries in the items covered.

The least-squares method is used to calculate the growth rates of the GDP implicit deflator, consumer price index, and food price index.

Definitions

• Money and quasi money comprise the sum of currency outside banks, demand deposits other than those of the central government, and the time, savings, and foreign currency deposits of resident sectors other than the central government. This definition of the money supply is frequently called M2; it corresponds to lines 34 and 35 in the International Monetary Fund's (IMF) *International Financial Statistics* (IFS). The change in money supply is measured as the difference in end-of-year totals relative to the level of M2 in the preceding year. • **Claims on private sector** (IFS line 32d) include gross credit from the financial system to individuals, enterprises, nonfinancial public entities not included under net domestic credit, and financial institutions not included elsewhere.

• Claims on governments and other public entities (IFS line 32an + 32b + 32bx + 32c) usually comprise direct credit for specific purposes such as financing the government budget deficit, loans to state enterprises, advances against future credit authorizations, and purchases of treasury bills and bonds, net of deposits by the public sector. Public sector deposits with the banking system also include sinking funds for the service of debt and temporary deposits of government revenues.

• GDP implicit deflator measures the average annual rate of price change in the economy as a whole for the periods shown. • Consumer price index reflects changes in the cost to the average consumer of acquiring a basket of goods and services that may be fixed or change at specified intervals, such as yearly. The Laspeyres formula is generally used. • Food price index is a subindex of the consumer price index.

Data sources

The IMF collects data on the financial systems of its member countries. The data in the table are published in its monthly *International Financial Statistics* and annual *International Financial Statistics* Yearbook. The World Bank receives data from the IMF in electronic files that may contain more recent revisions than the published sources. The GDP data are from the World Bank's national accounts files. The food price index data are from the United Nations Statistics Division's *Statistical Yearbook* and *Monthly Bulletin of Statistics*. The discussion of monetary indicators draws from an IMF publication by Marcello Caiola, *A Manual for Country Economists* (1995).