## Prefatory Note

The attached document represents the most complete and accurate version available based on original copies culled from the files of the FOMC Secretariat at the Board of Governors of the Federal Reserve System. This electronic document was created through a comprehensive digitization process which included identifying the bestpreserved paper copies, scanning those copies, ${ }^{1}$ and then making the scanned versions text-searchable. ${ }^{2}$ Though a stringent quality assurance process was employed, some imperfections may remain.

Please note that this document may contain occasional gaps in the text. These gaps are the result of a redaction process that removed information obtained on a confidential basis. All redacted passages are exempt from disclosure under applicable provisions of the Freedom of Information Act.

[^0]THE DOMESTIC FINANCIAL ECONOMY Page
Industrial production ..... 1
Producer prices. ..... 2
Retail inventories ..... 3
Tables
Industrial production ..... 4
Recent changes in producer prices ..... 5
Business inventories ..... 6
Inventory/sales ratios ..... 6
THE FINANCIAL ECONOMY
Tables
Monetary aggregates ..... 7
Commercial bank credit and short- and intermediate- term business credit ..... 8
Selected financial market quotations ..... 9

THE DOMESTIC NONFINANCIAL ECONOMY

## Industrial production

Industrial production edged down 0.1 percent in July after declining 0.3 percent in June and 0.5 percent in May. Despite strike related rebounds, mainly in communcation equipment, activity remained generally sluggish. Output of consumer goods and durable materials was off in July and weakness in most business equipment industries continued.

Output of consumer goods decreased 0.3 percent in July after a similar decline in June. Auto assemblies fell to a 7.6 million unit rate, from an 8.0 million unti rate in June, although the decline was largely offset by gains in production of light trucks. Production of home goods edged down in July and nondurable goods output fell 0.3 percent. Most business equipment groups posted declines except commercial equipment, which rebounded 1.4 percent in July owing largely to a resumption of production of telephone equipment after the strike-related curtailment in June. Elsewhere in the equipment sector, the defense and space component continued to edge up, while oil and gas well drilling was reduced again, although much less than in the recent months and with a negligible effect on overall industrial output. Production of construction supplies rose 0.4 percent in July after a 1.6 percent drop in June. Materials production was little changed in July as durable good materials decreased while nondurable goods, such as chemicals and paper, as well as energy materials both rose.

## Producer Prices

Producer prices of finished goods fell 0.4 percent in July-the fifth decline of this year-as energy prices dropped 12 percent. Food prices, however, posted a substantial increase, and prices of other finished goods advanced 0.3 percent.

In the finished energy component, refinery prices of gasoline and fuel oil plunged 19 and 17 percent, respectively; both were little more than half of their July 1985 levels. At the wellhead level, crude ofl prices dropped 9 percent to less than half their year-earlier level. More recently, spot prices of crude oil have picked up in domestic and world markets, in response to the recent OPEC agreement on a temprorary production cutback, suggesting an upturn in domestic producer prices of petroleum and products in coming months.

Producer prices of finished foods rose about 2 percent in July, reflecting reduced meat supplies as well as weather-related influences on prices of poultry, eggs, and apparently, fresh fruits and vegetables. At the farm level, prices were up sharply for livestock and broilers; but corn prices plummeted, and wheat and soybeans also fell. Price trends in agricultural commodity markets since the mid-July PPI pricing date indicate further increases for livestock and poultry and declines for grains and soybeans.

Excluding food and energy items, producer prices of finished consumer goods rose 0.3 percent in July,--more than in recent months-with notable increases for tobacco products, pharmaceuticals, and passenger cars. The index for capital equipment advanced 0.2 percent-similar to the average
pace over the past year; substantial increases were posted for trucks, cars, and commercial furniture.

At earlier stages of processing, prices of intermediate materials less food and energy rose 0.2 percent while prices of crude nonfood materials less energy edged up 0.1 percent. Both are little different from their year-earlier levels.

Retail inventories

The book value of retail inventories rose at an annal rate of $\$ 11.7$ billion in June, after a $\$ 15.5$ billion decline in the preceding month. About three-fourths of the June accumulation was at automotive outlets. Most types of stores selling nondurable goods reported inventory declines. In particular, the book value of general merchandise stocks fell at a $\$ 3.3$ billion rate in June, after a similar drop one month earlier. These consecutive reductions have notably improved the general merchandisers' overall inventory position: the inventory-sales ratio for stores in this category dropped to 2.26 in June-down from the recent high of 2.37 observed in January this year. Similar improvement was also seen for stores in the broader G.A.F. (general merchandise, apparel, and furniture and appliances) grouping, where the ratio dropped to 2.27 in June, compared with the January high of 2.38.

For all manufacturing and trade, inventories rose in June at a $\$ 27.4$ billion annual rate, more than reversing the $\$ 22.5$ billion drop in the preceding month. Total sales by manufacturers and retail and wholesale establishments rose 0.5 in June, leaving the overall inventory-sales ratio unchanged at 1.39. For the second quarter as a whole, inventories in all manufacturing and trade rose at a $\$ 3.3$ billion rate in book-value terms, somewhat more than the accumulation BEA had assumed when the preliminary second-quarter GNP estimates were prepared.

INDUSTRIAL PRODUCTION
(Percentage change from preceding period; based on seasonally adjusted data)

|  | 1986 |  | 1986 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Q1 | 02 | May | June | July |
|  | -Annual | rate-- |  | Monthl | ate-a |
| Total Index | . 7 | -2.8 | -. 5 | -. 3 | -. 1 |
| Products | . 2 | -1.4 | -. 4 | -. 6 | -. 1 |
| Final products | -1.3 | -2.9 | -. 6 | -. 7 | -. 1 |
| Consumer goods | 1.9 | 4.3 | -. 1 | -. 3 | -. 3 |
| Durable | 2.7 | -3.3 | -2.5 | . 4 | -. 1 |
| Nondurable | 1.6 | 7.0 | . 7 | -. 5 | -. 3 |
| Equipment | -4.8 | -10.5 | -1.3 | -1.1 | . 0 |
| Business | . 3 | -6.8 | -1.3 | -1.2 | . 0 |
| Defense and space | -4.0 | 1.9 | . 2 | . 1 | . 1 |
| 011 and gas drilling | -59.7 | -86.9 | -12.8 | -10.1 | $-4.0$ |
| Intermediate products | 5.7 | 3.9 | . 4 | -. 3 | . 0 |
| Construction supplies | 10.8 | . 9 | . 2 | -1.6 | . 4 |
| Materials | 1.4 | -5.0 | -. 7 | . 1 | .0 |
| Durable goods | . 7 | -8.1 | -1.2 | -. 4 | -. 2 |
| Nondurable goods | 7.1 | 2.3 | -. 1 | . 6 | . 2 |
| Energy materials | -2.3 | -5.3 | -. 1 | . 5 | . 4 |

RECENT CHANGES IN PRODUCER PRICES
(Percentage change; based on seasonally adjusted data) 1

|  | Relative <br> Importance <br> Dec. 1985 | 1985 | $\frac{1985}{Q^{4}}$ | $\frac{1986}{\text { Q1 }} \quad$ Q2 | $\frac{1986}{\text { June July }}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


|  |  |  | --Annual rate- |  |  | Mont | rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Finished goods | 100.0 | 1.8 | 9.2 | -12.5 | 0.0 | 0.0 | -0.4 |
| Consumer foods | 24.5 | 0.5 | 16.0 | -8.1 | 6.0 | 0.0 | 1.9 |
| Consumer energy | 12.5 | -0.3 | 20.7 | -66.9 | -25.1 | -0.6 | -11.9 |
| Other consumer goods | 40.3 | 2.7 | 4.4 | 2.5 | 1.7 | 0.0 | 0.3 |
| Capital equipment | 22.7 | 2.7 | 5.6 | 0.7 | 1.9 | 0.1 | 0.2 |
| Intermediate materials 2 | 95.3 | 0.0 | 2.9 | -11.8 | -4.8 | 0.0 | -0.7 |
| Exc. energy | 79.6 | -0.1 | 0.0 | $-1.0$ | -1.3 | 0.0 | 0.2 |
| Crude food materials | 52.5 | -6.4 | 47.0 | -24.7 | -0.2 | -0.8 | 3.4 |
| Crude energy | 31.6 | -4.9 | -4.0 | -51.3 | -33.8 | -3.0 | -2.8 |
| Other crude materials | 15.9 | -4.3 | 1.5 | -0.2 | 6.6 | 1.1 | 0.1 |

T. Changes are from final month of preceding period to final month of period indicated.
2. Excludes materials for food manufacturing and animal feeds.

BUSINESS INVENTORIES
(Change at annual rates in seasonally adjusted book value; billions of dollars)

|  | $\begin{gathered} 1985 \\ \text { Q3 } \end{gathered}$ | $\begin{gathered} 1985 \\ \text { Q4 } \end{gathered}$ | $\begin{gathered} 1986 \\ \text { Q1 } \end{gathered}$ | $\begin{gathered} 1986 \\ \text { Q2 } \end{gathered}$ | $\begin{aligned} & 1986 \\ & \text { Mar } \end{aligned}$ | $\begin{aligned} & 1986 \\ & \text { Apr } \end{aligned}$ | $\begin{aligned} & 1986 \\ & \text { May } \end{aligned}$ | $\begin{aligned} & 1986 \\ & \text { June } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Manufacturing and trade (Pervious) | -6.4 | 17.6 | 20.1 | 3.3 | 36.0 | 5.1 | $\begin{aligned} & -22.5 \\ & -23.8 \end{aligned}$ | 27.4 |
| Manufacturing | -6.6 | -8.6 | -9.3 | -5.2 | 4.0 | -2.6 | -12.1 | -1.1 |
| Trade, total | . 2 | 26.2 | 29.4 | 8.6 | 32.0 | 7.6 | -10.4 | 28.6 |
| Wholesale | -2.1 | 6.1 | 4.5 | 7.4 | 5.9 | . 3 | 5.1 | 16.8 |
| Retail | 2.3 | 20.1 | 24.9 | 1.2 | 26.1 | 7.3 | -15.5 | 11.7 |
| Durable | -3.0 | 17.8 | 21.0 | 1.3 | 27.2 | 1.6 | -12.8 | 15.0 |
| Auto | -6.8 | 19.9 | 15.1 | -2.1 | 20.5 | -6.0 | -9.2 | 8.8 |
| Nondurable | 5.3 | 2.3 | 3.9 | -. 1 | -1.2 | 5.7 | -2.7 | -3.2 |

Totals may not add because of rounding.

INVENTORY/SALES RATIOS

|  | 1985 <br> Q3 | 1985 <br> Q4 | 1986 <br> Q1 | 1986 <br> Q2 | 1986 <br> Mar | 1986 <br> Apr | 1986 <br> May <br> $\mathbf{r}$ | 1986 <br> June <br> $\mathbf{p}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Manufacturing and trade | 1.36 | 1.36 | 1.38 | 1.39 | 1.40 | 1.37 | 1.39 | 1.39 |
| Manufacturing | 1.46 | 1.42 | 1.43 | 1.43 | 1.46 | 1.42 | 1.44 | 1.44 |
| Trade, total | 1.28 | 1.30 | 1.34 | 1.35 | 1.35 | 1.33 | 1.35 | 1.35 |
| $\quad$ Wholesale | 1.18 | 1.18 | 1.20 | 1.24 | 1.22 | 1.20 | 1.25 | 1.24 |
| Retail | 1.37 | 1.43 | 1.47 | 1.45 | 1.47 | 1.46 | 1.44 | 1.45 |

```
I = Revised.
p = Preliminary.
```

MONETARY AGGREGATES
(Based on seasonally adiusted dats unless otherwise noted)l

|  | $\begin{gathered} 1984: 04 \\ \text { to } \\ 1985: 04 \end{gathered}$ | Q1 | 02 | $\frac{1986}{\text { May }}$ | June | Julyp | Growth from 041985 to July 1986P |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Percentage change at annual rates --m |  |  |  |  |  |  |
| 1. M1 | 11.9 | 7.7 | 15.8 | 23.4 | 14.6 | 16.9 | 13.5 |
| 2. M2 | 8.6 | 4.3 | 10.4 | 12.4 | 9.5 | 12.6 | 8.5 |
| 3. M3 | 7.6 | 7.4 | 8.0 | 5.7 | 6.6 | 12.9 | 8.3 |
|  |  |  |  |  |  |  | ```Levels in billions of dollars July 1986p``` |
| Selected components |  |  |  |  |  |  |  |
| 4. Currency | 7.5 | 7.5 | 6.2 | 9.6 | 5.5 | 6.1 | 177.5 |
| 5. Demand deposits | 8.6 | 3.0 | 15.2 | 25.7 | 14.1 | 14.3 | 288.3 |
| 6. Other checkable deposits | 22.3 | 15.0 | 25.8 | 32.9 | 24.0 | 30.2 | 204.0 |
| 7. M2 mins M ${ }^{2}$ | 7.6 | 3.2 | 8.7 | 8.8 | 7.8 | 11.3 | 2021.0 |
| 8. Oremight RPs and Eurodollars, NSA <br> 9. General purbose and broker/dealer money | 18.9 | 3.0 | -7.1 | 3.6 | -55.4 | 99.4 | 69.3 |
| market mutual fund shares, NSA | 9.3 | 10.9 | 27.8 | 12.5 | 26.7 | 14.6 | 200.1 |
| 10. Conmercial banks | 9.1 | 7.2 | 5.8 | 4.3 | 7.5 | 6.5 | 872.6 |
| 11. Savings depoaits, SA. Plus MMDAs, NSA ${ }^{3}$ | 19.0 | 8.7 | 13.2 | 15.8 | 21.4 | 15.8 | 492.5 |
| 12. Sasll tire deposits | -0.6 | 5.3 | -3.1 | -9.6 | -9.7 | -5.3 | 380.1 |
| 13. Thrift institucions | 5.1 | 4.3 | 7.4 | 6.3 | 7.5 | 6.5 | 888.3 |
| 14. Savings deposits, SA, plus MMDAs, HSA $^{3}$ | 13.7 | 1.3 | 13.8 | 21.4 | 24.9 | 18.0 | 385.1 |
| Small time deposits | $-0.4$ | 6.6 | 2.8 | -4.5 | -5.2 | -1.9 | 503.3 |
| 6. M3 minus M24 | 3.7 | 20.3 | -1.5 | -20.8 | -5.1 | 13.9 | 661.4 |
| 17. Large time deposits | 5.7 | 15.6 | $-1.7$ | -15.4 | -1.9 | 2.4 | 446.5 |
| 18. At comercial banks, net ${ }^{5}$ | 5.1 | 18.5 | -8.6 | -23.0 | -2.1 | $-0.9$ | 280.8 |
| 19. At thrift institutions . | 6.8 | 10.0 | 11.0 | -0.7 | -2.2 | 8.0 | 165.7 |
| 20. Institution-only money market watual fund shares, NSA | 11.1 | 26.8 | 39.2 | 32.4 | -17.3 | 40.0 | 77.5 |
| 21. Term RPs, NSA | -4.6 | 44.1 | -13.2 | -17.5 | -44.3 | -1.8 | 65.1 |
| 22. Terw Eurodollars, NSA | -4.9 | 7.7 | -1.5 | -40.0 | -10.7 | -23.2 | 76.1 |

MEMORANDA:

| 23. Managed liabilities at commercial banks (24+25) | 2.3 | 7.5 | -5.8 | -5.3 | -3.7 | 0.3 | 469.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 24. Large time deposits, grose | 1.0 | 3.4 | -2.6 | -6.5 | -0.6 | -1.3 | 338.5 |
| 25. Nondeposit funds | 1.3 | 4.1 | -3.2 | 1.2 | -3.1 | 1.6 | 131.0 |
| 26. Net due to related foreign institutions, NSA | 0.4 | 2.1 | -1.6 | 4.1 | -2.0 | -6.0 | -30.3 |
| 27. Other ${ }^{6}$ | 1.0 | 2.0 | -1.7 | -2.9 | -1.1 | 7.5 | 161.2 |
| 28. D.S. government deposits at commercial bankg 7 | 0.2 | -0.6 | 0.9 | 3.9 | -2.8 | -3.9 | 14.6 |

1. Ouarteriy growth rates are computed on a quarterly average basis. Dollar amounts shown mder memoranda for quarterly changes are calculated on an end-month-of-quarter basis.
2. Nontransactions M2 is seasonaliy adiusted as a whole.
3. Growth rates are for savings deposits, seasonally adiusted, plus money market deposit accounts (MMDAs), not seaconally adiusted. Comercial bank savings deposits excluding MMDAs increased during June and July 1986 at rates of 17.7 percent and 23.8 percent, respectively. At thrift institutions, savings deposits excluding MMDs increased during June and July 1986 at rates of 29.1 percent and 22.9 percent, respectively.

- The non-M2 component of M3 is seasonally adiusted as a whole.

Net of large-denomination time deposits held by money market mutual funds and thrift institutions.
Consists of borrowings from other than commercial banks in the form of federal funds purchased, securities sold
der agreements to repurchase, and other liahilities for borrowed money (including borrowings from the Federal
Reserve and unaffiliated foreign banks, loan RPs and other minor items). Data are partially estimated.
7. Consists of Treasury demand deposits and note halances at commercial banks.
p-preliminary

COMERCIAL BANR CREDIT AND SHORT- AND INTERMEDIATE-TERM BUSINESS CREDIT
(Percentage changes at annual rates, based on seasonally adjusted data) ${ }^{1}$
August 15, 1986

|  |  | $\frac{1985}{04}$ | Q1 | Q2 | 1986 May | June | July | ```Levels in bil. of dollars Julype``` |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Commercial Bank Credit |  |  |  |  |  |  |
| 1. | Total loans and aecurities at banks | 11.5 | 9.3 | 3.9 | 5.9 | 3.8 | 12.5 | 1984.2 |
| 2. | Securities | 19.9 | 2.0 | 4.9 | 10.4 | 6.3 | 33.5 | 471.2 |
| 3. | O.S. government securities | -3.5 | -5.3 | 7.9 | 18.2 | 3.1 | 45.9 | 285.3 |
| 4. | Other securities | 62.5 | 12.8 | 0.7 | -1.3 | 11.2 | 15.0 | 185.9 |
| 5. | Total loans | 8.9 | 11.6 | 3.6 | 4.6 | 3.0 | 6.1 | 1513.0 |
| 6. | Business loans | 6.0 | 5.3 | 2.1 | -2.6 | 4.7 | 0.0 | 508.7 |
| 7. | Security loans | 4.0 | 101.7 | -62.0 | $-40.1$ | -98.5 | 64.9 | 44.8 |
| 8. | Real estate loans | 12.6 | 13.0 | 13.4 | 15.5 | 11.6 | 13.0 | 455.6 |
| 9. | Consumer 1oans | 8.5 | 11.0 | 6.7 | 7.6 | 5.9 | 4.3 | 305.6 |
| 10. | Other loans | 10.2 | 7.3 | -1.6 | 4.8 | -0.6 | -3.6 | 198.3 |
|  |  |  |  | ort- and | Interme | ate-Term | usiness | edit |
| 11. | Business loans net of bankers acceptances | 6.0 | 5.2 | 1.0 | -3.8 | 3.6 | 0.7 | 503.8 |
| 12. | Loans at foreign branches 2 | -16.5 | 0.0 | -21.5 | -26.1 | -26.7 | 34.1 | 18.1 |
| 13. | Sum of Innes 11 \% 12 | 5.2 | 5.1 | 0.2 | -4.4 | 2.5 | 1.8 | 522.0 |
| 14. | Commercial paper issued by nonfinancial firms ${ }^{3}$ | 55.5 | $-14.4$ | -10.3 | -2.9 | 13.1 | -21.6 | 81.8 |
| 15. | Sums of lines $13 \leqslant 14$ | 11.8 | 2.1 | -1.2 | -4.2 | 4.0 | -1.4 | 603.8 |
| 16. | Bankers acceptances: D.S. trade related 4,5 | -30.8 | -6.2 | 16.3 | 18.8 | 25.8 | n. ${ }^{\text {a }}$. | 33.2 (Jun) |
| 17. | Mne 15 plus bankers acceptances: U.S. trade related | 9.5 | 1.7 | -0.4 | -3.0 | 5.1 | n.a. | 637.7 (Jun) |
| 18. | Finance corpany loans to business 4 | 19.2 | 16.4 | 3.8 | -2.3 | -2.3 | n.a. | 158.5 (Jun) |
| 19. | Total short- and intermediateterm business credit (sum of lines 17 (18) | 11.3 | 4.5 | 0.5 | -2.0 | 3.8 | n.a. | 796.3 (Jum) |

n.a.-not avallable.
p-prelininary

1. Average of Wednesdays for domestically chartered banks and average of current and preceding ends of months for foreign-related institutions.
2. Loans at foreign branches are loans made to U.S. firas by foreign branches of doaestically chartered banks.
3. Average of Wednesdays.
4. hased on average of current and preceding ends of month.
5. Consists of acceptances that finance U.S. imports, U.S. exports and domestic shipment and storage of goods.

|  | $\begin{aligned} & 1984 \\ & \text { Highs } \end{aligned}$ | $\begin{aligned} & \frac{1985}{\text { March }} \\ & \text { highs } \end{aligned}$ | 1986 |  |  | Change from: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & \text { April } \\ & \text { Lows } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { FOMC } \\ \text { July } 9 \end{gathered}$ | Aug. 14 | $\begin{aligned} & \text { April } \\ & \text { Lows } \end{aligned}$ | $\begin{aligned} & \text { FOMC } \\ & \text { July } 9 \end{aligned}$ |
| Short-term rates |  |  |  |  |  |  |  |
| Federal funds ${ }^{2}$ | 11.63 | 8.58 | 6.95 | 6.69 | 6.33 | -0.62 | -0.36 |
| Treasury bills ${ }^{3}$ |  |  |  |  |  |  |  |
| 3-month | 10.67 | 8.80 | 5.77 | 5.88 | 5.59 | -0.18 | -0.29 |
| 6-month | 10.77 | 9.13 | 5.81 | 5.90 | 5.56 | -0.25 | -0. 34 |
| 1-year | 11.13 | 9.25 | 5.79 | 5.94 | 5.66 | -0.13 | -0.28 |
| Commercial paper |  |  |  |  |  |  |  |
| 1-month | 11.42 | 8.94 | 6.42 | 6.65 | 6.14 | -0.28 | -0.51 |
| 3-month | 11.35 | 9.12 | 6.30 | 6.51 | 6.01 | -0.29 | -0.50 |
| Large negotiable CDs ${ }^{3}$ |  |  |  |  |  |  |  |
| 1-month | 11.52 | 8.89 | 6.51 | 6.61 | 6.03 | -0.48 | -0.58 |
| 3-month | 11.79 | 9.29 | 6.39 | 6.45 | 5.96 | -0.43 | -0.49 |
| 6-month | 12.30 | 9.92 | 6.35 | 6.44 | 5.95 | -0.40 | -0.49 |
| Eurodollar deposits ${ }^{4}$ |  |  |  |  |  |  |  |
| 1-month | 11.89 | 8.89 | 6.59 | 6.84 | 6.33 | -0.26 | -0.51 |
| 3-month | 12.20 | 9.58 | 6.55 | 6.65 | 6.26 | -0.29 | -0.39 |
| Bank prime rate 13.00 10.50 <br> Treasury bill futures    8.50 8.50 8.00 -0.50 -0.50 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Sept. 1986 contract |  | 10.74 | 5.16 | 5.60 | 5.40 | 0.24 | $\bigcirc 0.20$ |
| Dec. 1986 contract |  |  | 5.27 | 5.59 | 5.29 | 0.02 | -0.30 |

Intermediate- and long-term rates


1. One-day quotes except as noted. 4. Averages for statement week closest
2. Averages for two-week reserve maintenance period closest to date shown. Last observation is the average to date for the maintenance period ending to date shown.
3. One-day quotes for preceding Thursday. August 13, 1986.
4. Secondary market.

Flow of Funds Projections
August 15, 1986

Division of Research and Statistics Board of Governors of the Federal Reserve System
growth rates of major debt aggregates by sector

|  |  | TOTAL | U.S. GOVT. | PVT. NONFIN | - DOMES <br> - - - <br> TOTAL | STIC NONF HOUSEHOLD HOME MTGES | FINANCIAL DS - - CONSUMER CREDIT | SECTOR NONFIN <br> TOTAL | ANCIAL BU LDNG TERM | SINESS SHORT TERM | $\begin{aligned} & \text { STATE- } 8 \\ & \text { LOCAL } \\ & \text { GOVTS } \end{aligned}$ | FOREIGN | NON-FINANCIAL | MEMO: PRIVATE FINAN. ASSETS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ANNUAL GROWTH (PERCENT) |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975 |  | 9.2 | 23.7 | 6.1 | 7.2 | 8.8 | 4.5 | 5.3 | 9.2 | -1.3 | 5.9 | 14.2 | 9.4 | 9.5 |
| 1976 |  | 10.7 | 15.5 | 9.5 | 11.7 | 12.6 | 11.4 | 8.4 | 8.9 | 7.4 | 6.0 | 21.2 | 11.1 | 10.5 |
| 77 |  | 12.8 | 11.0 | 13.2 | 16.3 | 16.9 | 16.2 | 12.4 | 11.1 | 14.7 | 5.1 | 12.2 | 12.7 | 10.5 |
| - 787 |  | 13.1 | 9.4 | 14.0 | 17.0 | 17.5 | 16.9 | 12.8 | 10.5 | 17.1 | 6.7 | 27.2 | 13.6 | 11.0 |
| 1979 |  | 12.1 | 6.0 | 13.6 | 15.1 | 16.1 | 13.5 | 13.6 | 9.9 | 20.1 | 6.7 | 12.5 | 12.1 | 11.2 |
| 1980 |  | 9.5 | 11.9 | 9.0 | 8.9 | 11.4 | 1.2 | 9.7 | 8.7 | 11.2 | 6.2 | 14.9 | 9.8 | 9.4 |
| 1981 |  | 9.5 | 11.8 | 9.0 | 8.3 | 7.9 | 6.0 | 11.1 | 7.6 | 16.6 | 2.3 | 13.0 | 9.7 | 11.0 |
| 1982 |  | 9.2 | 19.4 | 6.8 | 5.6 | 4.8 | 4.5 | 7.6 | 7.1 | 8.3 | 8.5 | 6.6 | 9.1 | 9.9 |
| 1983 |  | 11.6 | 18.8 | 9.7 | 11.3 | 10.3 | 13.6 | 7.7 | 9.2 | 5.5 | 11.4 | 8.3 | 11.4 | 11.7 |
| 1984 |  | 14.7 | 16.9 | 14.0 | 13.0 | 11.1 | 20.0 | 15.4 | 13.2 | 18.7 | 12.2 | 1.1 | 14.1 | 14.2 |
| 1985 |  | 15.0 | 16.2 | 14.6 | 14.1 | 11.9 | 17.0 | 11.3 | 14.3 | 7.1 | 34.2 | . 6 | 14.4 | 12.8 |
| 1986 |  | 11.1 | 12.3 | 10.8 | 11.1 | 12.4 | 10.6 | 10.1 | 13.4 | 5.0 | 12.3 | 3.9 | 10.9 | 8.2 |
| 1987 |  | 9.5 | 8.5 | 9.8 | 11.1 | 13.4 | 7.4 | 9.2 | 11.6 | 5.3 | 6.6 | 1.7 | 9.2 | 7.4 |
|  |  | QUARTERLY GROWTH (PERCENT - SAAR) |  |  |  |  |  |  |  |  |  |  |  |  |
| 1984 | I | 12.9 | 14.7 | 12.3 | 11.2 | 10.5 | 16.9 | 14.6 | 9.5 | 22.3 | 6.5 | -2.7 | 12.2 | 12.2 |
|  | II | 14.0 | 14.0 | 14.0 | 14.0 | 11.9 | 23.4 | 15.7 | 12.3 | 20.6 | 5.0 | 21.6 | 14.3 | 14.5 |
|  | III | 12.7 | 15.4 | 11.9 | 11.2 | 10.1 | 17.0 | 12.3 | 12.9 | 11.4 | 14.0 | -15.0 | 11.5 | 11.9 |
|  | IV | 16.1 | 19.5 | 15.1 | 13.2 | 10.3 | 17.3 | 15.8 | 15.6 | 16.0 | 21.5 | 1.5 | 15.5 | 15.2 |
| 1985 -- | I | 11.4 | 10.5 | 11.6 | 11.7 | 9.4 | 18.7 | 11.0 | 12.4 | 9.0 | 14.8 | -1.3 | 10.9 | 10.9 |
|  | II | 12.6 | 15.7 | 11.7 | 11.5 | 10.4 | 15.1 | 10.2 | 13.8 | 5.0 | 20.4 | -1.3 | 12.1 | 10.1 |
|  | III | 12.7 | 11.5 | 13.1 | 14.8 | 13.1 | 18.0 | 8.9 | 12.2 | 4.2 | 25.6 | 4.7 | 12.4 | 11.9 |
|  | IV | 20.2 | 23.8 | 19.1 | 15.8 | 12.7 | 12.2 | 13.3 | 16.0 | 9.3 | 62.8 | . 3 | 19.5 | 16.0 |
| 1986 -- | I | 8.7 | 7.5 | 9.1 | 8.1 | 7.0 | 11.1 | 11.2 | 14.0 | 7.0 | 4.5 | 8.8 | 8.7 | 5.7 |
|  | I I | 11.3 | 14.8 | 10.2 | 11.0 | 11.8 | 11.8 | 9.0 | 13.5 | 2.0 | 12.4 | 8.1 | 11.2 | 8.5 |
|  | III | 12.0 | 11.7 | 12.1 | 11.8 | 14.4 | 9.4 | 9.3 | 11.5 | 5.8 | 25.5 | -1.3 | 11.6 | 9.6 |
|  | IV | 10.7 | 13.0 | 10.0 | 11.9 | 14.1 | 8.7 | 9.3 | 12.1 | 4.8 | 4.9 | . 1 | 10.3 | 7.8 |
| 1987 -- | I | 9.7 | 9.4 | 9.8 | 11.0 | 13.2 | 7.9 | 9.5 | 11.9 | 5.5 | 6.6 | 1.6 | 9.5 |  |
|  | II | 9.2 | 8.0 | 9.6 | 10.7 | 13.0 | 7.3 | 9.1 | 11.3 | 5.5 | 6.4 | 1.5 | 9.0 | 7.6 |
|  | III | 9.1 | 8.4 | 9.3 | 10.5 | 12.5 | 7.1 | 8.7 | 10.8 | 5.0 | 6.4 | 1.7 | 8.8 | 6.8 6.8 |
|  | IV | 8.6 | 7.0 | 9.1 | 10.4 | 12.3 | 6.7 | 8.3 | 10.5 | 4.6 | 6.4 | 2.0 | 8.4 | 6.9 |

FLOW OF FUNDS PROJECTIDNS' HIGHLIGHTS


NONFINANCIAL CORPORATE BUSINESS:

| 6 | FINANCING GAP (2) | 59.5 | 17.9 | 19.2 | 42.7 | 31.5 | 9.5 | 13.6 | 22.2 | 34.5 | 40.4 | 45.5 | 50.3 | 6 |
| ---: | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 7 | NET FUNOS RAISED IN MARKETS | 115.6 | 85.6 | 76.9 | 92.6 | 105.7 | 61.2 | 63.0 | 77.6 | 92.2 | 93.6 | 91.6 | 93.0 | 7 |
| 8 | NET EQUITY ISSUES | -77.0 | -81.6 | -73.8 | -57.5 | -60.0 | -75.0 | -85.0 | -75.0 | -65.0 | -60.0 | -55.0 | -50.0 | 8 |
| 9 | BONDS AND MTGS. | 66.0 | 99.4 | 116.6 | 118.0 | 105.7 | 132.1 | 107.4 | 121.2 | 122.4 | 117.9 | 116.2 | 115.3 | 9 |
| 10 | ST PAPER AND OTHER DEBT | 126.5 | 67.8 | 34.0 | 32.1 | 60.0 | 4.1 | 40.6 | 31.4 | 34.7 | 35.6 | 30.4 | 27.7 | 10 |
| 11 | LIQ. ASSETS/S.T.LIABILITIES | 27.4 | 25.8 | 26.1 | 25.5 | 26.2 | 26.3 | 26.1 | 25.9 | 25.8 | 25.6 | 25.5 | 25.3 | 11 |

HOUSEHOLDS:

|  | NET ACQUISITION OF DEPOSITS |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12 | CREDIT MARKET INSTRUMENT | 424.6 | 364.3 | 278.7 | 309.3 | 185.2 | 296.0 | 297.4 | 336.4 | 313.1 | 326.3 | 293.5 | 304.412 |
| 13 | DEPOSITS | 298.7 | 179.4 | 235.3 | 237.2 | 236.4 | 223.0 | 242.7 | 238.9 | 281.0 | 247.2 | 189.6 | 231.013 |
| 14 | CREDIT MKT.INSTRUMENTS (3) | 126.0 | 184.9 | 43.5 | 72.1 | -51.2 | 73.0 | 54.6 | 97.5 | 32.1 | 79.1 | 103.9 | 73.414 |
|  | AS PERCENT OF DPI: |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | NET ACQUISITIONS (L. 12) | 15.9 | 12.9 | 9.3 | 9.8 | 6.3 | 9.9 | 9.9 | 11.1 | 10.1 | 10.4 | 9.2 | 9.415 |
| 16 | OEPOSITS (L. 131 | 11.2 | 6.3 | 7.9 | 7.5 | 8.1 | 7.5 | 8.1 | 7.9 | 9.1 | 7.9 | 6.0 | 7.116 |
| 17 | CR.MKT.INSTRUMENTS (L. 14) | 4.7 | 6.5 | 1.5 | 2.3 | -1.7 | 2.5 | 1.8 | 3.2 | 1.0 | 2.5 | 3.3 | 2.317 |

(1) TOTAL IN THIS RATIO INCLUDES FOREIGN BORROWING IN THE U.S
(2) EXCESS OF CAPITAL EXPENDITURES OVER GROSS CASH FLOW
(3) EXCLUDES CORPORATE EQUITIES

|  | 1984 | 1985 | 1986 | 1987 | 1985 |  | 1986 |  |  |  | 1987 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | III | IV | I | II | III | IV | H1 | H2 |  |
| Net borrowing in credit markets by |  |  |  |  |  |  |  |  |  |  |  |  |  |
| U.S. Government | 198.8 | 223.6 | 196.5 | 152.1 | 168.5 | 358.81 | 119.5 | 241.6 | 198.6 | 226.2 | 158.1 | 146.2 | 2 |
| P $\therefore$ te domestic nonfinan. | 567.1 | 674.5 | 569.1 | 571.7 | 641.4 | 964.61 | 482.4 | 553.2 | 671.1 | 569.6 | 574.4 | 569.1 | 3 |
| State + local govts. | 45.0 | 140.9 | 67.9 | 41.0 | 115.0 | 300.2: | 24.8 | 69.4 | 147.0 | 30.2 | 40.6 | 41.4 | 4 |
| Nonfinancial business | 283.4 | 241.8 | 237.3 | 238.7 | 201.4 | 305.4 | 264.8 | 218.0 | 230.8 | 235.5 | 244.0 | 233.4 | 5 |
| Bonds + mortgages | 145.7 | 180.4 | 190.9 | 187.2 | 163.6 | 220.91 | 199.7 | 199.2 | 175.5 | 189.1 | 189.6 | 184.8 | 6 |
| Loans + short-term paper | 137.7 | 61.4 | 46.4 | 51.5 | 37.8 | $84.5 i$ | 65.1 | 18.8 | 55.3 | 46.4 | 54.3 | 48.6 | 7 |
| Households | 238.8 | 291.9 | 263.9 | 292.1 | 324.9 | 359.0 | 192.7 | 265.7 | 293.3 | 303.9 | 289.9 | 294.3 | 8 |
| Home mortgages | 130.0 | 152.6 | 180.1 | 218.7 | 176.9 | 177.2 | 102.4 | 175.5 | 219.7 | 222.7 | 217.0 | 220.4 | 9 |
| Consumer credit | 94.8 | 96.6 | 70.9 | 54.8 | 111.2 | 78.8 | 73.9 | 80.8 | 66.4 | 62.7 | 56.5 | 53.0 | 10 |
| Other | 14.0 | 42.7 | 12.9 | 18.6 | 36.8 | 103.0 | 16.5 | 9.5 | 7.2 | 18.5 | 16.3 | 20.9 | 11 |
| Net foreign borrowing in <br> U. S. credit markets Total, all nonfin. sectors | 2.8 768.7 | 1.5 899.7 | 9.8 775.3 | 4.2 728.1 | 11.5 821.3 | 1324.2 | 22.0 623.9 | 20.0 814.8 | -3.2 866.5 | .3 796.2 | 3.9 736.3 | $\begin{array}{r} 4.6 \\ 719.9 \end{array}$ | 12 13 |
| Net credit market borrowing by financial sectors | 138.2 | 193.7 | 208.4 | 204.4 | 210.0 | 230.2 | 154.9 | 231.3 | 230.1 | 217.2 | 206.0 | 202.7 | 14 |
| Sponsored credit agencies Mortgage pool securities | 30.4 44.4 | 21.7 79.9 | 14.2 128.9 | 30.4 120.4 | 4.2 87.3 | 30.4 99.0 | 3.6 95.0 | 5.1 147.2 | 21.2 138.7 | 26.8 134.7 | 30.0 121.6 | 30.8 119.1 | 15 16 |
| Primente finance | 63.3 | 92.9 | 128.9 65.3 | 120.4 53.6 | 87.3 118.6 | 99.0 100.8 | 56.3 | 14.2 | 138.7 70.2 | 154.7 55.7 | 21.6 54.5 | 19.1 52.8 | 17 |
| all sectors | 906.9 | 1093.4 | 980.9 | 930.5 | 1031.4 | 1554.4 | 777.1 | 1040.3 | 1094.5 | 1011.7 | 940.4 | 920.6 | 18 |
| Borrowing as per cent of GNP: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| By U.S. Govt. | 5.3 | 5.6 | 18.2 4.7 | 16.2 3.4 | 20.1 4.2 | 88.8 | 14.5 2.9 | 5.8 | 4.7 | 5.3 | 3.6 | 3.2 | 20 |
| By private domestic nonfin. | 15.1 | 16.9 | 13.5 | 12.8 | 15.9 | 23.6 | 11.6 | 13.2 | 15.9 | 13.3 | 13.1 | 12.6 | 21 |

Funds Advanced Directly in Credit Markets
ASONALLY ADJUSTED ANNUAL RATES
SEASONALLY ADJUSTED ANNUAL RATES

|  | 1984 | 1985 | 1986 | 1987 | 1985 |  | 1986 |  |  |  | 1987 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | \| III | IV | I | II | III | IV | H1 | H2 |
| Net direct lending | 906.9 | 1093.4 | 980.9 | 930.5 | 1031.4 | 1554.4 | 777.1 | 1040.3 | 1094.5 | 1011.7 | 940.4 | 920.61 |
| To nonfinancial sectors | 768.7 | 899.7 | 775.3 | 728.1 | 821.3 | 1324.2 | 623.9 | 814.8 | 866.5 | 796.2 | 736.3 | 719.92 |
| To financial sectors | 138.2 | 193.7 | 208.4 | 204.4 | 210.0 | 230.2 | 154.9 | 231.3 | 230.1 | 217.2 | 206.0 | 202.73 |
| B |  |  |  |  |  |  |  |  |  |  |  |  |
| $P$ te finance | 555.6 | 555.2 | 584.8 | 545.3 | 581.9 | 737.8 | 591.3 | 569.3 | 628.8 | 549.8 | 542.3 | 548.34 |
| Commercial banking | 181.7 | 196.6 | 122.3 | 131.7 | 191.5 | 312.2 | 120.1 | 103.4 | 138.2 | 127.5 | 131.4 | 131.95 |
| Thrift institutions | 146.3 | 86.0 | 112.0 | 126.2 | 146.1 | 83.5 | 66.2 | 111.8 | 143.8 | 126.2 | 123.0 | 129.46 |
| Insurance + pension funds | 119.0 | 125.2 | 130.3 | 136.5 | 137.1 | 160.2 | 108.5 | 147.2 | 131.1 | 134.4 | 135.5 | 137.47 |
| Other private finance | 108.6 | 147.4 | 223.0 | 152.9 | 107.2 | 181.8 | 298.2 | 212.6 | 217.8 | 163.5 | 154.3 | 151.68 |
| U.S.Government related | 98.8 | 140.7 | 170.6 | 167.7 | 115.8 | 161.6 | 96.0 | 206.4 | 176.6 | 203.5 | 165.0 | 170.39 |
| Direct | 17.1 | 17.4 | 10.3 | 4.5 | 25.6 | 7.9 | 12.1 | 16.5 | 3.2 | 9.4 | 4.3 | 4.610 |
| Sponsored agencies | 28.8 | 21.7 | 16.4 | 30.9 | 19.8 | 5.0 | -4.2 | 19.4 | 19.5 | 31.1 | 30.7 | 31.011 |
| Mortgage pools | 44.4 | 79.9 | 128.9 | 120.4 | 87.3 | 99.0 | 95.0 | 147.2 | 138.7 | 134.7 | 121.6 | 119.112 |
| Federal Reserve | 8.4 | 21.6 | 15.0 | 11.9 | -16.8 | 49.6 | -6.9 | 23.2 | 15.3 | 28.3 | 8.4 | 15.513 |
| Foreign | 45.9 | 75.7 | 114.3 | 95.6 | 96.8 | 99.6 | 97.5 | 124.3 | 105.4 | 130.0 | 128.9 | 62.314 |
| Households | 126.0 | 184.9 | 43.5 | 72.1 | 110.5 | 265.9 | -51.2 | 73.0 | 54.6 | 97.5 | 55.6 | 88.715 |
| Nonfinancial business | 30.8 | 3.2 | 2.1 | . 8 | 11.8 | 18.4 | 12.4 | 4.7 | -7.9 | -. 7 | -. 5 | 2.116 |
| Statetlocal governments | 49.9 | 133.7 | 65.5 | 49.1 | 114.5 | 271.1 | 31.0 | 62.4 | 137.0 | 31.7 | 49.1 | 49.017 |




[^0]:    ${ }^{1}$ In some cases, original copies needed to be photocopied before being scanned into electronic format. All scanned images were deskewed (to remove the effects of printer- and scanner-introduced tilting) and lightly cleaned (to remove dark spots caused by staple holes, hole punches, and other blemishes caused after initial printing).
    ${ }^{2}$ A two-step process was used. An advanced optimal character recognition computer program (OCR) first created electronic text from the document image. Where the OCR results were inconclusive, staff checked and corrected the text as necessary. Please note that the numbers and text in charts and tables were not reliably recognized by the OCR process and were not checked or corrected by staff.

