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## SUPPLEMENT

CURRENT ECONOMIC AND FINANCIAL CONDITIONS

Prepared for the Federal Open Market Committee

By the Staff
Board of Governors
of the Federal Reserve System

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Gross National Product
Gross national product in real terms increased in the third quarter at a 1.0 percent annual rate, according to preliminary estimates, following a 9.6 percent rate decline in the second quarter. GNP in nominal terms increased at a 10.2 percent rate in the July to September period, after being about unchanged in the preceding three months. Prices as measured by the GNP implicit price deflator rose at a 9.1 percent annual rate; this was down from a 10.7 percent rate rise in the second quarter, but in terms of the GNP fixed-weighted price index the rate of increase, at 9.7 percent per year, was unchanged from the rate of increase in the second quarter. Gross domestic business product prices rose at a 10.4 percent annual rate in the third quarter measured in terms of the fixed-weighted index, the same as in the second quarter.

The third quarter rise in real GNP reflected relatively large increases in expenditures for consumer durable goods, producer durable goods, and residential construction and a large decline in imports of goods and services. Large increases in purchases of motor vehicles accounted for much of the third quarter rise in consumer expenditures and all of (actually more than) the increase in producer durable goods outlays. Inventory investment in real terms in the third quarter is indicated to have declined at a $\$ 6.8$ billion annual rate, following a $\$ 2.6$ billion rate of accumulation in the second quarter. Large declines also occurred in nonresidential construction outlays and federal government purchases of goods and services.

Personal consumption expenditures increased more in the third quarter than disposable personal income, and personal saving and the ratio of this saving to disposable income declined--the latter to 4.6 percent from 4.9 percent in the second quarter.

## Personal Income

Nominal personal income rose $\$ 19.8$ billion in annual rate terms in September, at an annual rate of 11.1 percent, bringing the thirdquarter rate of increase to about 12-1/4 percent per year. Growth in wage and salary disbursements was only slightly below the August advance, reflecting continued improvement in labor market conditions, while larger increases were recorded for both nonfarm proprietors' income and transfer payments.

Disposable personal income rose $\$ 15.9$ billion in September-somewhat faster than in August--as a result of the larger increase in nonwage income. At the same time, personal outlays advanced at a somewhat slower pace of $\$ 10.9$ billion, and personal saving therefore rose \$5.0 billion. Real disposable income declined slightly in August, as price increases eroded the gains in nominal income; little change in real disposable income is also estimated for September. Housing Starts and Permits

Total private housing starts rose 9.0 percent in September to an annual rate of 1.54 million units. This large increase brought the third quarter total for this measure of new housing activity to a rate of 1.4 million units--up a third from the depressed second quarter pace. Housing permits also increased in September, rising 14.7 percent above
the August rate. The increases in both starts and permits were concentrated in the multifamily sector; those increases in housing activity apparently were associated with the end of HUD's fiscal year. The increase in starts was concentrated in the northeast and the north central, while permits increased in all regions.

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CHANGES IN REAL
GROSS NATIONAL PRODUCT AND SELECTED COMPONENTS ${ }^{1}$
(Percent change at annual rates ${ }^{1}$, based on seasonally adjusted data)

|  | $\begin{gathered} 1979 \\ 04 \\ \hline \end{gathered}$ | 1980 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Q1 | Q2 | Q3 |
| Gross National Product | 2.0 | 1.2 | -9.6 | 1.0 |
| Final Purchases | 3.6 | 1.5 | -10.2 | 3.7 |
| Personal consumption expenditures | 4.1 | . 5 | -10.6 | 5.2 |
| Goods | 4.7 | -1.8 | -18.1 | 5.5 |
| Durable | -. 6 | -3.5 | -41.0 | 20.9 |
| Nondurable | 7.0 | -1.1 | -7.0 | . 3 |
| Services | 3.5 | 3.2 | -1.3 | 4.9 |
| Business fixed investment | -. 3 | 1.7 | -14.6 | -3.2 |
| Residential investment | -4.5 | -26.2 | -61.8 | 5.6 |
| Exports of goods and services | 7.0 | 26.1 | -10.0 | -4.2 |
| Imports of goods and services | 8.2 | 10.2 | -23.1 | -17.4 |
| Federal government purchases of goods and services | 16.0 | 13.1 | 9.5 | -3.9 |
| State and local government purchase of goods and services | . 8 | -. 7 | -3.2 | - . 8 |
| ures of price change: |  |  |  |  |
| UP implicit price deflator | 8.4 | 9.5 | 10.7 | 9.1 |
| PCE fixed-weighted price index | 10.5 | 13.8 | 11.2 | 9.5 |
| GDBP fixed-weighted price index | 8.4 | 11.2 | 10.4 | 10.4 |
| Memoranda: |  |  |  |  |
| Change in business inventory investment, billions of 1972 dollars | -5.7 | -1.1 | 2.3 | -9.4 |
| Change in net exports of goods and services, billions of 1972 dollars | 0.0 | 4.9 | 3.3 | 3.3 |
| GNP in nominal terms | 10.5 | 10.8 | 0.1 | 10.2 |
| Personal saving rate, percent | 3.5 | 3.7 | 4.9 | 4.6 |

1
Except as noted.

PERSONAL INCOME
(Based on seasonally adjusted annual rate data)

|  | 1978 | 1979 | 1980 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | QI | QII | QIII | Aug. | Sept. |
| - Percentage change, at annual rates ${ }^{1}$ - - |  |  |  |  |  |  |  |
| Total personal income | 12.9 | 11.2 | 10.9 | 4.6 | 12.2 | 8.8 | 11.1 |
| Wage and salary disbursements | 12.8 | 10.1 | 10.9 | 2.1 | 5.4 | 12.5 | 9.7 |
| Private | 14.1 | 10.8 | 12.0 | 1.0 | 5.3 | 14.3 | 11.2 |
| Nominal disposable personal income | 12.0 | 10.4 | 13.5 | 4.3 | 12.3 | 7.4 | 10.6 |
| Real disposable personal income | 4.2 | . 5 | . 9 | -6.0 | n.a. | -1.5 | n.a. |
| - Changes in billions of dollars ${ }^{2}$ - - |  |  |  |  |  |  |  |
| Total personal income | \$17.8 | \$16.8 | \$13.9 | \$ 6.8 | \$23.0 | \$15.5 | \$19.8 |
| Wage and salary disbursements | 11.5 | 9.7 | 10.4 | -. 5 | 8.9 | 13.8 | 10.7 |
| Private | 10.1 | 8.4 | 9.1 | -2.0 | 8.0 | 12.7 | 10.1 |
| Manufacturing | 3.2 | 2.0 | 2.7 | -3.5 | 2.8 | 4.0 | 4.4 |
| Other income | 7.1 | 8.1 | 4.3 | 7.7 | 14.8 | 2.8 | 9.7 |
| Transfer payments | 1.5 | 2.9 | 2.4 | 3.4 | 9.9 | -. 4 | 5.3 |
| Less: Personal contributions for social insurance | . 8 | . 9 | . 8 | . 4 | . 7 | 1.0 | . 6 |
| Memorandum: <br> Personal saving rate ${ }^{3}$ | 4.9 | 4.5 | 3.7 | 4.9 | 4.6 | 4.6 | n.a. |

1. Changes over periods longer than one quarter are measured from final quarter of preceding period to final quarter of period indicated. Changes for quarterly periods are compounded rates of change; monthly changes are not compounded.
2. Average month1y change.
3. Monthly saving rate equals the centered three-month moving average of personal saving as a percentage of the centered three-month moving average of disposable personal income.

PRIVATE hOUSING STARTS AND RESIDENTIAL BUILDING PERMITS

|  | 1980 |  |  |  |  |   <br> Percent change fro <br> Aug. Sept. <br> 1980 1979 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\text { QII QIII }{ }^{1}$ |  | $\begin{aligned} & \text { July Aug. }{ }^{1} \text { Sept. }{ }^{2} \\ & \text { of units, SAAR) } \\ & \hline \end{aligned}$ |  |  |  |  |
| STARTS | 1053 | 1408 | 1265 | 1416 | 1544 | 9 | -18 |
| 1 - family | 671 | 973 | 869 | 1000 | 1050 | 5 | -15 |
| 2 - or more - family | 382 | 435 | 396 | 416 | 494 | 19 | -22 |
| Northeast | 126 | 154 | 124 | 128 | 211 | 65 | 29 |
| North Central | 152 | 233 | 191 | 224 | 283 | 26 | -28 |
| South | 539 | 679 | 655 | 694 | 688 | -1 | -10 |
| West | 236 | 342 | 295 | 370 | 362 | -2 | -35 |
| PERMITS | 897 | 1386 | 1236 | 1361 | 1561 | 15 | -8 |
| 1 - family | 532 | 848 | 781 | 857 | 905 | 6 | -9 |
| 2 - or more - family | 365 | 538 | 455 | 504 | 656 | 30 | -6 |
| Northeast | 99 | 125 | 119 | 117 | 139 | 19 | -34 |
| North Central | 127 | 219 | 208 | 213 | 237 | 11 | -23 |
| South | 439 | 663 | 566 | 650 | 772 | 19 | 14 |
| West | 232 | 379 | 343 | 381 | 413 | 8 | -17 |
| 'EMO: Moblle home shipments | 175 | n.a. | 215 | 206 | n.a. | n.a. | n.a. |

1. Revised.
2. Preliminary.
n.a.--Not available.

COMMERCIAL BANK CREDIT AND SHORT- AND INTERMEDIATE-TERM BUSINESS CREDIT (Percentage changes at annual rates, based on seasonally adjusted data) ${ }^{1}$

|  |  | 1980 |  |  |  |  |  | $\begin{gathered} \text { Sept. }{ }^{\prime} 79 \\ \text { to } \\ \text { Sept. } 180^{e} \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Q1 | Q2 | Q3 | Ju1y | Aug. ${ }^{\text {e }}$ | Sept.e |  |
|  |  |  |  |  |  |  |  |  |
| 1. | Total loans and investments at banks ${ }^{2}$ | 11.5 | -4.4 | 13.6 | 7.6 | 17.4 | 15.3 | 6.1 |
| 2. | Investments | 7.3 | 11.0 | 21.3 | 26.1 | 25.2 | 11.6 | 11.2 |
| 3. | Treasury securities | 3.0 | 10.6 | 39.2 | 47.0 | 42.9 | 24.1 | 11.9 |
| 4. | Other securities | 9.4 | 11.2 | 12.7 | 16.1 | 16.5 | 5.2 | 10.8 |
| 5. | Total loans ${ }^{2}$ | 12.8 | -9.5 | 10.9 | 1.1 | 14.7 | 16.6 | 4.4 |
| 6. | Business loans | 16.4 | -9.1 | 16.1 | 2.0 | 21.3 | 24.5 | 7.4 |
| 7. | Security loans | -32.8 | -23.8 | -7.6 | $-60.8$ | 64.0 | -22.8 | -34.0 |
| 8. | Real estate loans | 11.9 | 1.0 | 5.6 | 5.3 | 5.3 | 6.2 | 8.4 |
| 9. | Consumer loans | 3.7 | -21.5 | n.a. | -14.4 | -6.3 | n.a. | n.a. |
|  |  | - Short- and Intermediate-Term Business Credit -- |  |  |  |  |  |  |
| 10. | Total short- and intermediateterm business credit (sum of 1ines 13,14 and 15) | 22.0 | 1.2 | n.a. | 2.4 | 11.3 | n.a. | n.a. |
| 11. | Business loans net of bankers acceptances ${ }^{1}$ | 17.6 | -10.5 | 16.6 | 0.0 | 22.5 | 26.9 | 7.6 |
| 12. | Commercial paper issued by nonfinancial firms ${ }^{3}$ | 76.2 | 86.9 | -22.5 | 16.9 | -47.2 | -37.6 | 42.0 |
| 13. | Sum of lines 11 \& 12 | 23.1 | -0.2 | 11.6 | 2.2 | 13.4 | 19.0 | 10.7 |
| 14. | Finance company loans to business ${ }^{4}$ | -2.8 | $-4.0$ | n.a. | -6.9 | -3.5 | n.a. | n.a. |
| 15. | Total bankers acceptances outstanding ${ }^{4}$ | 54.1 | 32.3 | n.a. | 15.7 | 17.7 | n.a. | n.a. |

[^1]MONETARY AGGREGATES
(Based on seasonally adjusted data unless otherwise noted) ${ }^{1}$


Percentage change at annual rates ----

| 1. M-1A | 4.8 | -3.9 | 11.0 | 7.8 | 19.3 | 12.3 | 4.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2. $\mathrm{M}-1 \mathrm{~B}$ | 5.9 | -2.4 | 13.4 | 11.1 | 21.6 | 15.2 | 6.4 |
| 3. M-2 | 7.2 | 5.5 | 15.5 | 18.2 | 14.5 | 8.2 | 9.1 |
| 4. M-3 | 7.8 | 5.7 | 12.6 | 13.4 | 13.6 | 9.7 | 8.9 |
| Selected components |  |  |  |  |  |  |  |
| 5. Currency | 8.3 | 7.0 | 11.3 | 10.8 | 15.0 | 5.3 | 8.8 |
| 6. Demand deposits | 3.4 | -8.3 | 10.8 | 6.0 | 21.6 | 15.3 | 3.3 |
| 7. Other checkable deposits, NSA ${ }^{2}$ | 29.3 | 31.8 | 61.1 | 73.5 | 63.5 | 65.8 | 41.7 |
| 8. $\mathrm{M}-2$ minus $\mathrm{M}-1 \mathrm{~B}(9+10+11+14)$ | 7.7 | 8.1 | 16.1 | 20.5 | 12.2 | 5.9 | 10.1 |
| 9. Overnight RPs and Eurodollars, NSA ${ }^{3}$ | - 7.5 | -72.0 | 132.7 | 218.7 | 103.8 | 41.5 | 0.3 |
| 10. Money market mutual fund shares, NSA | 151.9 | 82.7 | 75.7 | 103.5 | 1.5 | -37.2 | 132.0 |
| 11. Commercial banks | 6.9 | 9.8 | 10.7 | 13.5 | 10.4 | 7.0 | 9.2 |
| 12. savings deposits | -19.3 | -22.6 | 26.4 | 38.6 | 26.5 | 7.6 | -6.7 |
| 13. small time deposits | 29.1 | 33.9 | 0.4 | -3.1 | 0.0 | 5.7 | 23.8 |
| 14. Thrift institutions | -0.3 | 3.7 | 9.7 | 8.9 | 11.2 | 8.9 | 4.6 |
| 15. savings deposits | -22.5 | -27.1 | 24.8 | 38.7 | 33.5 | 10.7 | -10.4 |
| 16. small time deposits | 12.0 | 19.3 | 2.9 | -4.6 | 0.8 | 8.1 | 13.8 |
| Large time deposits | 17.8 | 10.6 | -10.3 | -23.4 | -4.2 | 26.6 | 10.3 |
| at commercial banks, net ${ }^{4}$ | 9.9 | 7.4 | -14.8 | -29.6 | -8.8 | 25.5 | 4.2 |
| 1 . at thrift institutions | 72.6 | 28.9 | 14.6 | 10.0 | 16.6 | 36.0 | 56.8 |
| 20. Term RPs, NSA | -31.9 | -19.4 | 46.7 | 51.2 | 98.3 | -30.3 | -8.3 |

-Average monthly change in billions of dollars-

## MEMORANDA:



1. Quarterly growth rates are computed on a quarterly average basis.
2. Consists of ATS and NOW balances at all institutions, credit union share draft balances, and demand deposits at mutual savings banks.
3. Overnight and continuing contract RPs issued to the nonbank public by commercial banks, net of amounts held by money market mutual funds, plus overnight Eurodollar deposits issued by Caribbean branches of U.S. member banks to U.S. nonbank customers.
4. Net of large denomination time deposits held by money market mutual funds and thrift institutions.
sists of borrowings from other than commercial banks in the form of federal funds purchase
ities sold under agreements to repurchase and other liabilities for borrowed money (includi borrowings from the Federal Reserve), loans sold to affiliates, loan RPs, and other minor items. 6. Consists of Treasury demand deposits at commercial banks and Treasury note balances.

|  | 1980 |  |  |  |  | Change from: |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mar-Apr High | $\begin{aligned} & \text { Mid-June** } \\ & \text { Low } \end{aligned}$ | FOMC <br> Sept. 16 | $\begin{aligned} & \text { Inter- } \\ & \text { meeting } \\ & \text { H1gh } \end{aligned}$ | $\begin{gathered} \text { Oct. } \\ 14 \end{gathered}$ | $\begin{gathered} \text { Mar-Apr } \\ \text { High } \\ \hline \end{gathered}$ | Mid-June Low | $\begin{gathered} \text { FOMC } \\ \text { Sept. } 16 \\ \hline \end{gathered}$ |
| Short-term rates |  |  |  |  |  |  |  |  |
| Federal funds ${ }^{2}$ | 19.39 | 8.99 | 10.64 | 12.80 | 12.64 | -6.75 | 3.65 | 2.00 |
| Treasury bills |  |  |  |  |  |  |  |  |
| 3-month | 16.00 | 6.18 | 10.29 | 11.53 | 10.98 | -5.02 | 4.80 | . 69 |
| 6-month | 15.64 | 6.60 | 10.67 | 11.62 | 11.14 | -4.50 | 4.54 | . 47 |
| 1-year | 14.58 | 7.00 | 10.59 | 11.36 | 10.86 | -3.72 | 3.86 | . 27 |
|  |  |  |  |  |  |  |  |  |
| 1-month | 18.00 | 7.98 | 10.80 | 12.69 | 12.34 | -5.66 | 4.36 | 1.54 |
| 3-month | 17.69 | 7.78 | 10.95 | 12.78 | 12.11 | -5.58 | 4.33 | 1.16 |
| 6-month | 17.25 | 7.59 | 11.04 | 12.78 | 11.90 | -5.35 | 4.31 | . 86 |
| Large negotiable CDs ${ }^{3}$ |  |  |  |  |  |  |  |  |
| 1-month | 17.87 | 7.96 | 11.05 | 12.75 | 12.41 | -5.46 | 4.45 | 1.36 |
| 3-month | 18.59 | 7.90 | 11.51 | 12.99 | 12.44 | -6.15 | 4.54 | . 93 |
| 6-month | 18.47 | 7.66 | 11.88 | 13.26 | 12.41 | -6.06 | 4.75 | . 53 |
| Eurodollar deposit ${ }^{2}$ |  |  |  |  |  |  |  |  |
| 1-month | 19.04 | 8.88 | 11.06 | 13.05 | 13.05 | -5.99 | 4.17 | 1.99 |
| 3-month | 19.60 | 8.99 | 11.86 | 13.25 | 13.00 | -6.60 | 4.01 | 1.14 |
| Bank prime rate | 20.00 | 12.00 | 12.25 | 13.50 | 13.50 | -6.50 | 1.50 | 1.25 |
| Intermediate- and long- |  |  |  |  |  |  |  |  |
| term rates |  |  |  |  |  |  |  |  |
| U.S. Treasury (constant maturity) |  |  |  |  |  |  |  |  |
| 3-year | 14.53 | 8.56 | 11.69 | 12.32 | 11.65 | -2.88 | 3.09 | -. 04 |
| 10-year | 13.65* | 9.47 | 11.52 | 12.07 | 11.47 | -2.18 | 2.00 | -. 05 |
| 30-year | 12.85* | 9.49 | 11.33 | 11.93 | 11.27 | -1. 58 | 1.78 | -. 06 |
| Municipal (Bond Buyer.) ${ }^{4}$ | 9.44 | 7.44 | 8.82 | 9.22 | 8.81 | . 63 | 1.37 | . 01 |
| Corporate Aaa |  |  |  |  |  |  |  |  |
| Recently offered ${ }^{6}$ | 14.12 | 10.79 | 12.48 | 13.06 | 12.81p | 1.31 | 2.02 | . 33 |
| Primary conventional mortgages 6 | 16.35 | 12.35 | 13.08 | 13.73 | 13.73 | -2.62 | 1.38 | . 65 |
|  | $\begin{gathered} \text { Mar-Apr } \\ \text { Low } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Mid-June } \\ \text { High } \\ \hline \end{gathered}$ | $\begin{gathered} \text { FOMC } \\ \text { Sept. } 16 \end{gathered}$ | Intermeeting Low | Oct. | $\begin{gathered} \text { Mar-Apr } \\ \text { Low } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Mi':-June } \\ \text { High } \\ \hline \end{gathered}$ | $\begin{gathered} \text { FOMC } \\ \text { Sept. } 16 \\ \hline \end{gathered}$ |
| Stock Prices |  |  |  |  |  |  |  |  |
| Dow-Jones Industrial | 759.13 | 881.91 | 945.90 | 921.93 | 958.70 | 199.57 | 76.79 | 12.80 |
| NYSE Composite | 55.30 | 66.36 | 73.41 | 71.26 | 76.37 | 21.07 | 10.01 | 2.96 |
| AMEX Composite | 215.69 | 297.60 | 340.94 | 324.38 | 358.00 | 142.31 | 60.40 | 17.06 |
| NASDAQ (OTC) | 124.09 | 159.18 | 191.31 | 185.79 | 197.95 | 73.86 | 38.77. | 6.64 |
| , One-day quotes except 3. Averages for statement * Secondary market. * Highs reached on Febru | as noted. week clos ary 26. | sest to dat | e shown. | 4. One-day 5. Aver 6. One- ** | day quot <br> ages for <br> day quot <br> lows oc | es for $p$ precedi es for $p$ curred on | eceding T <br> g week. eceding $F$ or around | ursday. <br> iday. <br> June 13. |


[^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).
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[^1]:    1. Average of Wednesdays for domestic chartered banks and average of current and preceding ends of months for foreign-related institutions.
    2. Loans include outstanding amounts of loans reported as sold outright to a bank's own foreign branches, unconsolidated nonbank affiliates of the bank, the bank's holding company (if not a bank), and unconsolidated nonbank subsidiaries of the holding company.
    3. Average of Wednesdays.
    4. Based on average of current and preceding ends of months.
    e--estimated. n.a.--not available.
