U.S. DEPARTMENT OF COMMERCE
Social and Economic Statistics Administration Bureau of Economic Analysis

## BUSINESS CONDITIONS DIGEST

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## ANTICIPATIONS

AND
INTENTIONS data provide information on the plans of businessmen and consumers regarding their major economic activities in the near future. This information is considered to be a valuable aid to economic forecasting either directly or as an indication of the state of confidence concerning the economic outlook. A number of surveys by various organizations and government agencies have been developed in recent years to ascertain anticipations and intentions. The results of some of these surveys, expressed as time series, are presented in this report.


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## |hanges in this issue are as follows:

$\quad$ A limited number of
changes are made from
time to time to in.
corporate recent find-
ings of economic
research, newly avail-
able time series, and
revisions made by
source agencies in
concept, composition,
comparability, coverage,
seasonal adjustment
methods, benchmark
data, etc. Changes may
result in revisions of
data, additions or
deletions of series,
changes in placement of
series in relation to
other series, changes
in composition of
indexes, etc.

1. A new "Alphabetical Index--Series Finding Guide" is introduced in this issue. In this Index, BCD series are listed alphabetically by key words in their titles. Series are crossreferenced where there are two or more key words.

This new alphabetical index shows BCD series numbers, page numbers on which current data charts and tables appear, and dates of issues containing series descriptions and historical data.
2. The series on Per capita gross national product (series 215 and series 217) have been revised to reflect the adjustment of population estimates to final 1970 Census of Population counts. These estimates previously were based on preliminary counts from that census. Revised data are shown in this issue for the period 1970 to date. Revisions for the earlier period (beginning April 1960) will be shown in a subsequent issue.

Per capita disposable personal income (series 226 and 227) have not yet been revised to incorporate the revised population estimates. Revised data for these series will be published in a subsequent issue.
(Continued on page iv.)
3. The seasonally adjusted data on wholesale prices (series 55c, 751, and 752) have been revised to reflect the source agency's new seasonal adjustment of the basic data. This new adjustment resulted in scattered revisions throughout the period of the series. Data are shown in this issue for the period 1970 to date. Revised data for the earlier period will be shown in a subsequent issue.
4. The series on Consumer price index (series 781c, 782, and 783) contain scattered revisions throughout. These revisions reflect the source agency's new seasonal adjustment of the basic data.

The series on Real average hourly earnings (series 741), Real spendable average weekly earnings (series 859), and Retail sales in constant 1967 dollars (series 59) contain scattered revisions throughout. These revisions result from the use of consumer price index deflators which have been seasonally adjusted by seasonal factors recently developed by the Bureau of Labor Statistics.

This issue contains revisions for these series from 1970 to date. Revisions for the earlier period will be shown in a subsequent issue.
5. Appendix C contains historical data for series 55, 58, 62, 750, 751, 752, 810, 811, 813, 814, 815, 816, 817, and 830.

## METHOD OF PRESENTATION

THIS REPORT is organized into six major subject sections, as follows:
A. National Income and Product
B. Cyclical Indicators
C. Anticipations and Intentions
D. Other Key Indicators
E. Analytical Measures
F. International Comparisons

Each of these sections is described briefly in this introduction. Data for each of the above sections are shown both in Part 1 (charts) and in Part II (tables) of the report. Most charts begin with 1950 (except in section C where they begin with 1957); the tables contain data for only the last few years. Except for section F, most charts contain shading which indicates periods of recession in general business activity.
In addition to the charts and tables described above, some issues contain a summary table which shows the current behavior of many of the series, and several appendixes which present historical data, series descriptions, seasonal adjustment factors, and measures of variability. An index appears at the back of each issue. It should be noted that the series numbers used are for identification purposes only and do not reflect relationships or order.

## Seasonal Adjustments

Adjustments for average seasonal fluctuations are often necessary to bring out the underlying trends of time series. Such adjustments allow for the effects of repetitive intrayear variations resulting primarily from normal differences in weather conditions and from various institutional arrangements. Variations attributable to holidays are usually accounted for by the seasonal adjustment process; however, a separate holiday adjustment is occasionally required for holidays with variable dates, such as Easter. An additional adjustment is sometimes necessary for series which contain considerable variation due to the number of working or trading days in each month. As used in this report, the term "seasonal adjustment" includes trading-day and holiday adjustments where they have been made.
Most of the series in this report are presented in seasonally adjusted form and, in most cases, these are the official figures released by the source agencies. However, for the special purposes of this report, a number of series not ordinarily published in seasonally adjusted form are shown here on a seasonally adjusted basis.

## MCD Moving Average

Month-to-month changes in a series are often dominated by erratic movements. MCD (months for cyclical dominance) is an estimate of the appropriate span over which to observe cyclical movements in a monthly series. (See appendix A.) It is the smallest span of months for which the average change in the cyclical factor is greater than that in the irregular factor. The more erratic a series is, the larger the MCD will be; thus, MCD is 1 for the smoothest series and 6 for the most erratic. MCD
moving averages (that is, moving averages of the period equal to MCD) tend to have about the same degree of smoothness for all series. Thus, a 5 -term moving average of a series with an MCD of 5 will show its cyclical movements about as clearly as the seasonally adjusted data for a series with an MCD of 1 .

The charts for sections B and D include centered MCD moving averages for all series with an MCD greater than 4. The seasonally adjusted data are also plotted to indicate their variation about the moving averages and to provide observations for the most recent months.

## Reference Turning Dates

The historical business cycle turning dates used in this report are those designated by the National Bureau of Economic Research, Inc. (NBER). They mark the approximate dates when, according to the NBER, aggregate economic activity reached its cyclical high or low levels. As a matter of general practice, neither new reference turning dates nor the shading for recessions will be entered on the charts until after both the new reference peak and the new reference trough bounding the shaded area have been designated. This policy is followed because of the conceptual and empirical difficulties of designating a current recession and the practical difficulties of terminating the shading of a current recession without including part of a new expansion.


The national income and product accounts, compiled by the Bureau of Economic Analysis (BEA) summarize both receipts and final expenditures for the personal, business, foreign, and government sectors of the economy and provide useful measures of total economic activity. The total of the final expenditures (including additions to business inventories), which equals the total of the receipts (mainly incomes), is known as gross national product (GNP). GNP is defined as the total market value of the final output of goods and services produced by the Na tion's economy. It is the most comprehensive single measure of aggregate economic output.

Gross national product consists of four major components: (1) Personal consumption expenditures, (2) gross private domestic investment, (3) net exports of goods and services, and (4) government purchases of goods and services.

Personal consumption expenditures is the market value of goods (durable and nondurable) and services purchased by individuals and nonprofit institutions and the value of food, clothing, housing, and finan-
cial services received by them as income in kind. The total purchase cost is covered, including sales taxes. Home purchases are excluded, but the estimated rental value of owner-occupied homes is included.
Gross private domestic investment combines gross fixed investment and net changes in business inventories. Fixed investment consists of producers' durable equipment and private (as opposed to government) structures, including owneroccupied residential units. The estimates are gross in the sense that there is no deduction for capital consumption. The inventory component measures the change in the physical volume of inventories valued at current replacement cost.
Net exports of goods and services measures the excess of exports over imports. Exports include receipts from domestic output sold abroad, transportation, travel, other services, fees and royalties and income on investments in foreign areas. Imports include purchases of foreign goods, payments for transportation, travel and other services, military expenditures as well as payments of income onforeign investments in the United States. More detail on U.S. balance of payments is provided in Section D.
Government purchases of goods and services includes general government expenditures for compensation of employees, net purchases from business and from abroad, payments to private nonprofit institutions for research and development, and the gross fixed investment of government enterprises. Not included are current outlays of government enterprises, acquisitions of land, transfer payments, subsidies, loans, and interest payments to domestic creditors.
A breakdown of the goods portion of GNP, covering durable and nondurable goods and both final sales and changes in business inventories, is also included in section A. Other major aggregates taken from the national income and product accounts are described below.
National income is the total earnings arising from the current production of goods and services and accruing to the labor and property employed in production. The components of national income are compensation of employees, proprietors' income, rental income of persons, corporate profits and the inventory valuation adjustment, and net interest.
Personal income measures the current income of individuals, owners of unincorporated businesses, nonprofit institutions, private trust funds, and private health and welfare funds. It consists of wage and salary disbursements, other labor income, proprietors' income, rental income of persons, dividends, personal interest income, and transfer payments to persons, less personal contributions for social insurance.
Disposable personal income is the personal income available for spending or saving. It consists of personal income less personal taxes and other nontax payments to general government.
Gross saving represents the difference between income and spending during an
accounting period. It is the total of personal saving, undistributed corporate profits, corporate inventory valuation adjustment, the excess of wage accruals over disbursements (usually negligible), government surplus or deficit, and capital consumption allowances.

Most of the series in this section are on a current-dollar basis, but some are shown on a constant (1958) dollar basis so that the effects of price changes are eliminated. The implicit price deflator (computed by dividing the current-dollar data by the con-stant-dollar data) for total GNP is also shown.


SECTION B

YCLICAL
INDNCATORS

The business cycle is generally described as consisting of alternating periods of expansion and contraction in aggregate economic activity; that is, the complex of activities represented by such concepts as total production, employment, income, consumption, trade, and the flow of funds. Although a recurrent pattern has been characteristic of American economic history, many economists do not consider it inevitable.
One of the techniques developed in business cycle research is widely used as a
tool for analyzing current economic conditions and prospects. This is the cyclical indicators concept, which singles out certain economic time series as being leaders, coinciders, or laggers in relation to movements in aggregate economic activity. The NBER has, since 1938, maintained a list of such indicators and has periodically subjected the list to extensive review. Their most recent (1966) list of 73 cyclical indicators is the basis for this section of BCD. These indicators were selected primarily for their cyclical behavior, but they have also proven useful in forecasting, measuring, and interpreting other short-term fluctuations in aggregate economic activity.

The NBER employs a dual classification scheme which groups the indicators by cyclical timing and by economic process, and this report uses the same classification groupings. The diagram below summarizes the cross-classification system used in this section. The 78 cyclical indicators are presented with economic process as the principal basis of classification and cyclical timing as the secondary basis. The major processes are divided into minor processes which exhibit rather distinct differences in cyclical timing. The timing classification takes into account a series' historical record of timing at business cycle peaks and troughs. Leading indicators are those which usually reach peaks or troughs before the corresponding turns in aggregate economic activity; roughly coincident indicators are direct measures of aggregate economic activity or move roughly together with it; lagging indicators usually reach their turning points after the turns in aggregate economic activity.

The NBER has also specified a "short list" of indicators. This more selective and substantially unduplicated group of principal indicators is drawn from the full list and provides a convenient summary of the current situation. The short list consists of 26 series: 12 leading, eight roughly coincident, and six lagging. Only five of these are quarterly series; the rest are monthly. The short list is classified only by timing and is shown separately in chart B8.

Included in this section are a number of composite indexes which provide simple summary measures of the average behavior of selected groups of indicators. Each component of an index is weighted according to its value in forecasting or identifying short-term movements in aggregate economic activity. The components are standardized so that each has, aside from its weight, an equal opportunity to influence the index. Each index is standardized so that its average month-to-month percent change is 1 (without regard to sign).

The composite indexes presented in this report are based on groups of indicators selected by timing. Thus, there is an index of leading indicators, another of coincident indicators, and a third of lagging indicators. In addition, there are five indexes based on leading indicators which have been grouped by economic process. These indexes indicate the underlying cyclical trends of each group of indicators and the relative magnitude of their short-term changes. The index of 12 leading indicators has been "reverse trend adjusted" so that its long-run trend parallels that of the coincident index. This facilitates

## Cross-Classification of Cyclical Indicators ly

 Economic Process and Cyclical Timing|  | I. EMPLOYMENT AND UNEMPLOYMENT (14 series) | II. PRODUCTION, INCOME, CONSUMPTION, AND TRADE (9 series) | III. FIXED CAPITAL INVESTMENT ( 14 series) | IV. INVENTORIES AND INVENTORY INVESTMENT (9 series) | V. PRICES, COSTS, AND PROFITS (13 series) | VI. MONEY AND CREDIT (18 series) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LEADING INDICATORS (40 series) | Marginal employment adjustments ( 5 series) |  | Formation of business enterprises (2 series) <br> New' investment commitments (8 series) | Inventory investment and purchasing (7 series) | Sensitive commodity prices (1 series) <br> Stock prices (1 series) <br> Profits and profit margins (5 series) <br> Cash flows (2 series) | Flows of money and credit (7 series) Credit difficulties (2 series) |
| ROUGHLY COINCIDENT INDICATORS (26 series) | Job vacancies (2 series) Comprehensive employment (3 series) <br> Comprehensive unemployment (3 series) | Comprehensive production (3 series) <br> Comprehensive income (2 series) <br> Comprehensive consumption and trade (4 series) | Backlog of investment commitments (2 series) |  | Comprehensive wholesale prices (2 series) | Bank reserves (1 series) <br> Money market interest rates (4 series) |
| LAGGING INDICATORS <br> (11 series) | Long-duration unemployment ( 1 series) |  | Investment expenditures (2 series) | Inventories (2 series) | Unit labor costs (2 series) | Outstanding debt (2 series) Interest rates on business loans and mortgages (2 series) |

comparisons among the leading, coincident, and lagging indexes and tends to shorten the leads of the leading index at business cycle peaks while lengthening them at troughs; it also reduces the variability of the leads and lags.


## SECTION C

## ANTICIPATIONS AND INTENTIONS

Most businessmen and many individual consumers have some type of plans as to their major economic activities in the near future. Information on these plans is regarded as a valuable aid to economic forecasting either directly or as an indication of the state of confidence concerning the economic outlook. In recent years, much progress has been made in compiling such information, and a number of surveys by various organizations and government agencies ascertain anticipations and intentions of businessmen and consumers. The results of some of these surveys, expressed as time series, are presented in this section of the report.
The business analyst who uses these series should be aware of their limitations. These data reflect only the respondents; anticipations (what thev expect others to do) or intentions (what they plan to do), not firm commitments. Among both businessmen and consumers, some responses may not be very reliable; that is, the plans may be conjectural or the respondent may make little effort to reply accurately to the survey questions. Also, many plans are subject to modification or even complete abandonment due to unforeseen and uncontrollable developments. In some cases, the anticipations (or intentions) may have a systematic bias; for example, the anticipations (or intentions) data may tend to be lower than the subsequent actual data under certain economic conditions and higher under other conditions. Sometimes they merely project what has already occurred and hence appear to lag behind actual changes. Actual data are included in this section to indicate their historical relationship to the anticipations and intentions. Some of the series are diffusion indexes, a concept explained in the description for section $E$.


Many economic series are available which, although not included in the three main sections of the report, are nevertheless important for an overall view of the economy. This section presents a number of sucb series, though by no means a com-
prehensive selection. In general, these series reflect processes which are not direct measures of economic activity but which do have a significant bearing on business conditions.

The foreign trade and payments series include data on imports and exports and their balance, export orders, and the balance of payments. Many of the components of the balance-of-payments accounts are shown. Some are charted in a manner which emphasizes the balance between receipts and expenditures for each component; for example, comparisons of exports of goods and services with imports of goods and services, and income on U.S. investments abroad with payments on foreign investments in the United States. In addition, balances are shown for U.S. Government grants and capital transactions and for capital transactions of the private sector (banks and U.S. residents other than banks). $i$ Finally, cumulative changes are shown for other components; for example, U.S. liquid liabilities to all foreigners and U.S. official reserve assets. Because these data are influenced by foreign as well as domestic conditions, the cyclical shading has been omitted from the balance-of-payments charts.
The Federal Government activities series include Federal receipts and expenditures and their balance, and selected Federal defense activities. The receipts and expenditures data are from the national income and product accounts, but are not shown in section A of this report. The defense series included are only a few of the many available. For a more comprehensive picture of defense activities, see Defense Indicators, a monthly Bureau of Economic Analysis publication.

The price movements series consist of consumer and wholesale price indexes and their major components. Additional data on prices and costs are shown in several other sections.


This section begins by comparing gross national product in constant dollars with a measure of potential GNP. In effect, these two series reflect the relationship between the economy's productive capacity and total demand, the excess of potential over actual GNP indicating the degree to which potentially productive resources are not fully utilized. The measure of potential GNP, developed by the Council of Economic Advisers in the early 1960's, takes into account increases in both available man-hours and output per man-hour.
The NBER list of cyclical indicators includes some series which measure the relationship between different economic variables (for example, the series on labor cost
per unit of output). There are, however, additional analytical ratios which have proven useful in evaluating business conditions and prospects. A number of such ratios are shown in the second part of this section.

The third part presents a selection of diffusion indexes. Many series in this report are aggregates compiled from a number of components. A diffusion index is a summary measure expressing, for a particular aggregate, the percentage of components rising over a given timespan (half of the unchanged components are considered rising). Cyclical changes in diffusion indexes tend to lead those of the corresponding aggregates. Since diffusion indexes are highly erratic, long-term (6- or 9 -month span) indexes are used to indicate underlying trends and short-term (1month span) indexes are used to show recent developments. Most of the indexes are constructed from components of series shown in section B, and these indexes have the same identification numbers as the corresponding aggregates. The diffusion indexes are classified by the cyclical timing of the aggregates to which they relate. Recent data and directions of change for many of the components are shown in table E4.

The final part (E5) presents, in chart form, rates of change for a selected group of economic series. Percent changes are shown for 1- and 3-month spans or for 1 -quarter spans.


Because this report is designed as an aid to the analysis of U.S. business conditions, all previous sections are based on data which relate directly to that purpose. But many business analysts examine economic developments in other important countries with a view to their impact on the United States. This section is provided to facilitate a quick review of basic economic conditions in six of the nations with which we have important trade relationships.

Data on consumer prices, industrial production, and stock prices are shown for Canada, the United Kingdom, France, West Germany, Japan, and Italy and are compared with the corresponding U.S. series. Also included is an industrial production index for the European countries in the Organization for Economic Cooperation and Development. The industrial production series provide a comprehensive measure of output and the consumer price indexes measure an important sector of prices, while stock prices tend to be important as leading indicators. In this section, the U.S. business cycle shading has been omitted from the charts.

## HOW TO READ CHARTS

Peak (P) of cycle indicates end of expansion and beginning of Recession (shaded areas) as designated by NBER.

Series numbers are for identification only and do not reflect series relationships or order.

Solid line indicates monthly data. (Data may be actual monthly figures or MCD moving averages.*)

Broken line indicates actual monthly data for series where an MCD moving average* is plotted.

Parallel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.).

Solid line with plotting points indicates quarterly data.
(May) (Fab.)

Table 1. Summary of Recent Data and Current Changes for Principal Indicators

| Series title | Unitofmeasure | Basic data ${ }^{\text {I }}$ |  |  |  |  |  |  |  |  | Percent change |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1969 | 1970 | 1971 | 4th Q 1970 | $1 s t$ 1971 | $2 d$ 1971 | 3d 1975 1 | 4th Q 1971 | $\begin{aligned} & \text { 1st Q } \\ & 1972 \end{aligned}$ | $\begin{array}{r} 2 \mathrm{~d} Q \\ \text { to } \\ 3 \mathrm{~d} 0 \\ 197 \mathrm{l} \\ \hline \end{array}$ | $\begin{gathered} 3 d Q \\ \text { 10 } \\ 4 \text { tho } \\ 1971 \\ \hline \end{gathered}$ | $\begin{gathered} \text { 4th } \mathrm{Q} \\ \text { to } \\ 1 \mathrm{st} \mathrm{Q} \\ 1972 \\ \hline \end{gathered}$ |  |
| A. NATIONAL INCOME AND PRODUCT |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Al. Gross National Product |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 200. GNP in curent dollars . | Ann.ate, bil.dol. | 929.1 | 974.1 | 1046.8 | 988.4 | 1020.8 | 1040.0 | 1053.4 | 1072.9 | 1103.6 | 1.3 | 1.9 | 2.9 | 200 |
| 205. GNP in 1958 dollars... | .... do ..... | 724.7 | 720.0 | 739.4 | 715.9 | 729.7 | 735.8 | 740.7 | 751.3 | 761.6 | 0.7 | 1.4 | 1.4 | 205 |
| 210. Implicit price deflator. | 1958=100 ..... | 128.2 | 135.3 | 141.6 | 138.1 | 139.9 | 141.3 | 142.2 | 142.8 | 144.9 | 0.6 | 0.4 | 1.5 | 210 |
| 215. Per capita GNP in current dollars. | Ann. rate, dol... | 4.583 | 4,754 | 5i055 | 4.803 | 4.948 | 5.029 | $5 \cdot 081$ | $5 \cdot 162$ | 5,299 | 1.0 | 1.6 | 2.7 | 215 |
| 217. Per capita GNP in 1958 dollars. . | ..... do . | 3,575 | 3.514 | 3.571 | 3,479 | 3,537 | $3 \cdot 588$ | 3.573 | 3.615 | 3.657 | -0.4 | 1.2 | 1.2 | 217 |
| A2. National and Personal Income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 220. National income, current dollars . . . . . . <br> 222. Personal income, curient dollars. | Ann.rate, bil.dol. ..... do .... | 763.7 750.3 | 795.9 803.6 | 851.1 | 802.1 816.7 | 831.7 833.5 | 847.3 853.4 | 855.2 864.6 | 870.1 876.7 | 898.7 900.1 | 0.9 1.3 | 1.7 1.4 | 3.3 2.7 | 220 |
| 224. Disposable personal income, current dot. | ..... do | 634.2 | 687.8 | 741.3 | 701.5 | 722.0 | 739.6 | 748.5 | 755.0 | 764.3 | 1.3 1.2 | 0.9 | 2.7 1.2 | 224 |
| 225. Disposable personal income, 1958 dol . . . | . . do | 513.5 | 531.5 | 550.6 | 532.5 | 542.7 | 550.5 | 553.2 | 556.1 | 558.0 | 0.5 | 0.5 | 0.3 | 225 |
| 226. Per capita disposable personal income, current dollars. <br> 227. Per capita disposable personal income, | Ann. rate, dol... | 3,130 | 3,358 | 3.581 | 3,410 | 3,500 | 3.577 | 3.611 | 3,633 | 3,670 | 1.0 | 0.6 | 1.0 | 226 |
| 1958 dollars | do | 21535 | 2.595 | 2,660 | 2,588 | 2.631 | 2.663 | 2,669 | 2.676 | 2,679 | 0.2 | 0.3 | 0.1 | 227 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 232. Durable goods, current doilar | do | 469.3 89.9 | 475.9 88.6 | 491.8 100.5 | 474.2 | 484.8 | 489.4 | 494.3 | 498.9 | 505.1 | 1.0 3.7 | 0.9 | 1.2 | 231 |
| 233. Durable goods, exc.a autos, cusrent dollars. . | do | 58.2 | 60.7 | 65.2 | 61.4 | 62.7 | 64.7 | 102.8 66.0 | 103.6 | 107.6 71.6 | 3.7 | 0.8 2.3 | 6.9 | 232 233 |
| 234. Automobiles, current dollars..... | do | 31.7 | 28.0 | 35.3 | 23.5 | 33.9 | 34.4 | 36.8 | 36.1 | 36.1 | 7.0 | -1.9 | 0.0 | 234 |
| 236. Nondurable goods, current dollars. | do | 247.6. | 264.7 | 278.6 | 270.9 | 273.2 | 277.8 | 280.2 | 283.3 | 288.0 | 0.9 | 1.1 | 1.7 | 236 |
| 237. Services, current dollars. . . . . . | do | 242.1 | 262.5 | 282.9 | 268.9 | 275.0 | 280.5 | 285.8 | 290.3 | 296.2 | 1.9 | 1.6 | 2.0 | 237 |
| A4. Gross Private Domestic Investment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 241. Fixed investment, total nonresidential | ...... do . | 98.6 | 102.1 | 151.6 108.7 | 137.3 100.8 | 104.7 | 108.3 | 150.8 109.3 | 112.6 | 168.3 118.7 | -1.4 0.9 | 5.7 | 5.6 | 240 |
| 242. Fixed investment, nonresidential structures. | . do | 34.5 | 36.8 | 38.2 | 37.1 | 36.7 | 38.5 | 38.7 | 39.0 | 39.8 | 0.5 | 0.8 | 2.1 | 242 |
| 243. Fixed investment, producers' dur. equip.. . . | . do | 64.1 | 65.4 | 70.5 | 63.7 | 68.1 | 69.8 | 70.6 | 73.6 | 78.9 | 1.1 | 4.2 | 7.2 | 243 |
| 244. Fixed investment, residential structures... | do | 31.8 | 30.4 | 40.6 | 32.8 | 35.4 | 40.0 | 42.7 | 44.4 | 49.0 | 6.8 | 4.0 | 10.4 | 244 |
| 245. Change in business inventories, total ${ }^{2}$. . . | do | 7.4 | 2.8 | 2.2 | 3.7 | 3.1 | 4.6 | -1.2 | 2.4 | 0.6 | -5.8 | 3.6 | -1.8 | 245 |
| A5. Foreign Trade |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 250. Net exports of goods and services ${ }^{2}$. . . . . . | Ann.rate, bil.dol. | 2.0 | 3.6 | . 0 | 2.7 | 4.7 | 0.1 | 0.0 | -4.6 | -6.2 | -0.1 | -4.6 | -1.6 | 250 |
| 252. Exports. | do | 55.6 | 62.9 | 65.3 | 63.2 | 66.2 | 66.5 | 68.2 | 60.4 | 69.2 | 2.6 | -11.4 | 14.6 | 252 |
| 253. Imports. | ..... do ..... | 53.6 | 59.3 | 65.3 | 60.5 | 61.5 | 66.4 | 68.2 | 65.0 | 75.4 | 2.7 | -4.7 | 16.0 | 253 |
| A6. Govemment Purchoses of Goods and Services |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 260. Total | Ann.rate, bil.dol. | 209.7 | 219.4 | 233.0 | 223.7 | 227.9 | 229.6 | 233, 8 | 240.8 | 249.6 | 1.8 | 3.0 | 3.7 | 260 |
| 262. Federal | ...... do..... | 99.2 | 97.2 | 97.6 | 95.9 | 96.4 | 96.0 | 97.6 | 100.3 | 104.9 | 1.7 | 2.8 | 4.6 | 262 |
| 264. National defense | . do | 78.8 | 75.4 | 71.4 | 73.2 | 72.6 | 71.4 | 70.2 | 71.4 | 75.8 | -1.7 | 1.7 | 6.2 | 264 |
| 266. State and local | . do | 110.8 | 122.2 | 135.5 | 127.9 | 131.6 | 133.6 | 136.2 | 140.5 | 144.8 | 1:9 | 3.2 | 3.1 | 266 |
| A7. Final Sales and Inventories |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 270. Final sales, durable goods. <br> 271. Change in business inventories, durable | Ann.rate, bil.dol. | 180.9 | 180.8 | 193.7 | 273.1 | 189,4 | 190.6 | 196.4 | 198.4 | 207.9 | 3.0 | 1.0 | 4.8 | 270 |
| 74. goods $^{2}$........................ | . do | 4.5 | -0.6 | 0.4 | -3.4 | 3.5 | 2.3 | -2.5 | -1.8 | 0.2 | -4.8 | 0.7 | 2.0 | 271 |
| 274. Final sales, nondurable goods .......... | do | 269.0 | 284.7 | 298.3 | 290.9 | 293.1 | 295.5 | 301.0 | 303.6 | 308.8 | 1.9 | 0.9 | 1.7 | 274 |
| 275. Change in business inventories, nondurable goods². | do | 2.9 | 3.4 | 1.9 | 7.1 | -0.4 | 2.3 | 1.3 | 4.3 | 0.4 | -1.0 | 3.0 | -3.9 | 275 |
| A8. National Income Components |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 280. Compensation of employees. | Ann.rate, bil.dol, | 565.5 | 601.9 | 641.9 | 609.3 | 627.3 | 638.0 | 645.6 | 656.6 | 679.9 | $1 \cdot 2$ | 1.7 | 3.5 | 280 |
| 282. Proprietors' income. . | ..... do. | 67.0 | 66.9 | 68.3 | 65.9 | 66.4 | 67.2 | 69.2 | 70.5 | 71.2 | 3.0 | 1.9 | 1.0 | 282 |
| 284. Rental income of persons. . . . . . . . . . . . | do | 22.6 | 23.3 | 24.3 | 23.7 | 23.8 | 24.2 | 24.5 | 24.6 | 24.8 | 1.2 | 0.4 | 0.8 | 284 |
| 286. Corp. profits and inventory valuation adj .. | . do | 78.6 | 70.8 | 80.7 | 69.0 | 79.5 | 82.5 | 80 | 92.0 36.4 | 86.0 | -3.0 | 2.5 | 4.9 | 286 |
| 288. Net interest ........................ | . do | 29.9 | 33.0 | 35.6 | 34.2 | 34.8 | 35.4 | 35,9 | 36.4 | 36.9 | 1.4 | 1.4 | 1.4 | 288 |
| A9. Soving |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 290. Gross saving, total . . . . . . . . . . . . . . . . | Ann.rate, bil.dol. | 141.0 | 140.3 | 153.1 | 138.3 | 149.1 | 154.5 | 151.8 | 157.1 | 165.5 | -1.7 | 3.5 | 5.3 | 290 |
| 292. Personal saving . . . . . . . . . . . . . . . . | ..... do. | 37.9 | 54.1 | 60.5 | 58.5 | 58.6 | 63.6 | 61.0 | 59.0 | 53.5 | -4.1 | -3.3 | -9.3 | 292 |
| 294. Undistributed corporate profits plus inventory valuation adjustment . . | . do. | 14.5 | 11.7 | 17.7 | 11.7 | 15.7 | 18.0 | 16.7 | 20.4 | 20.9 | -7.2 | 22.2 | 2.5 | 294 |
| 296. Capital consumption allowances .... | do. | 81.1 | 87.6 | 95.2 | 89.8 | 92.0 | 93.9 | 96.2 | 98.7 | 101.2 | $2 \cdot 4$ | 2.6 | 2.5 | 296 |
| 298. Government surplus or deficit, total ${ }^{2}$. . . . . | do | 7.4 | -13.1 | -20.3 | -21.7 | -17.1 | -20.9 | -22.2 | -20.9 | -9.0 | -1.3 | 1.3 | 11.9 | 298 |
| A10. Real GNP (1958 dollars) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 273. Final sales, 1958 dollars. . . . . . . . . . . | Ann.rate, bil.dol. | 718.2 | 717.7 | 737.3 | 712.8 | 727.2 | 731.7 | 741.2 | 748.9 | 761.3 | $1 \cdot 3$ | 1.0 | 1.7 | 273 |
| 246. Change in bus. inventories, 1958 dollars .. | ..... do..... | 6.4 | 2.3 | 2.1 | 3.1 | 2.5 | 4.1 | -0.5 | 2.4 | 0.3 | $-4.6$ | 2.9 | -2.1 | 246 |
| 247. Fixed invest, nonresidential, 1958 dollars. | . do | 80.1. | 78.6 | 79.3 | 75.5 | 77.7 | 79.1 | 78.9 | 81.5 | 84.8 | $-0.3$ | 3.3 | 4.0 | 247 |
| 248. Fixed invest., residential struc., 1958 dol. | do | 23.1 | 21.3 | 27.0 | 22.6 | 24.1 | 26.7 | 28.3 | 29.0 | 31.4 | 6.0 | 2.5 | 8.3 | 248 |
| 249. Gross auto product, 1958 dollars ........ . | ..... do..... | 35.0 | 28.3 | 36.1 | 19.6 | 36.8 | 34.7 | 37.5 | 35.2 | 35.1 | 8.1 | -6.1 | -0.3 | 249 |
| 261. Govt. purchases of goods and services, total, 1958 dollars. . . . . . . . . . . . . . . . . . | . do ..... | 145.6 | 139.4 | 130.2 | 138.3 | 137.6 | 137.0 | 139.6 | 142.6 | 144.1 | 1.9 | 2.1 | 1.1 | 261 |
| E1. Actual and Potential GNP |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 207. GNP gap (potential less actual) ${ }^{2} 1958$ dol. | Ann.rate, bil.dol. | 3.2 | 38.3 | 51.6 | 54.5 | 48.8 | 50.9 | 54.4 | 52.2 | 50.4 | 3.5 | -2.2 | -1.8 | 207 |

Table 1. Summary of Recent Data and Current Changes for Principal Indicators-Con.

| Series title | Unit of measure | Basic data ${ }^{1}$ |  |  |  |  |  |  |  | Percent change |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1970 | 1971 | $3 d$ 1971 | ${ }_{1971}$ | $\begin{gathered} \text { 1st } \mathbf{Q}^{2} \\ 1972 \end{gathered}$ | $\begin{aligned} & \text { Feb. } \\ & 1972 \end{aligned}$ | $\begin{aligned} & \text { Mar. } \\ & 1972 \end{aligned}$ | $\begin{aligned} & \text { Apr. } \\ & 1972 \end{aligned}$ | Feb. to Mar. 1972 | Mar. <br> to <br> Apr. <br> 1972 |  | $\begin{gathered} \text { 4th Q } \\ \text { to } \\ \text { 1st Q } \\ 1972 \end{gathered}$ |  |
| B. CYCLICAL INDICATORS B7. Composite Indexes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 810. 12 leading indicators, reverse trend adj. ${ }^{3}$. | 1967=100..... | 115.0 | 126.1 | 127.5 | 131.2 | 136.0 | 135.6 | 138.2 | 140.2 | 1.9 | 1.4 | 2.9 | 3.7 | 810 |
| 820. 5 coincident indicators............... | ...... do..... | 120.3 | 123.9 | 124.3 | 126.2 | 130.5 | 130.6 | 131.5 | 132.5 | 0.7 | 0.8 | 1.5 | 3.4 | 820 |
| 825. 5 coincident indicators, deflated....... | ..... do..... | 113.8 | 115.1 | 115.1 | 116.8 | 120.3 | 120.3 | 121.1 | 122.0 | 0.7 | 0.7 | 1.5 | 3.0 | 825 |
| 830. 6 lagging indicators . . . . . . . . . . . . . . . | do | 130.9 | 125.0 | 125.5 | 125.8 | 126.1 | 125.8 | 126.7 | 128.4 | 0.7 | 1.3 | 0.2 | 0.2 | 830 |
| LEADING INOICATOR SECTORS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 813. Marginal employment adjustments ...... | ...... do ..... | 93.2 | 9.4 .0 | 93.2 | 94.8 | 98.6 | 98.4 | 99.5 | NA | 1.1 | NA | 1.7 | 4.0 | 813 |
| 814. Capital investment commitments ........ | . ..... do ..... | 106.5 | 112.2 | 113.1 | 115.5 | 116.4 | 115.6 | 116.5 | 117.6 | 0.8 | 0.9 | 2.1 | 0.8 | 814 |
| 815. Inventory investment and purchasing . . . . | do | 103.2 | 102.1. | 101.9 | 101.4 | 104.7 | 104.4 | 105.2 | 105.8 | 0.8 | 0.6 | -0.5 | 3.3 | 815 |
| 816. Prolitability....................... | do | 94.1 | 100.1 | 100.8 | 101.2 | 103.9 | 103.9 | 104.4 | 104.0 | 0.5 | -0.4 | 0.4 | 2.7 | 816 |
| 817. Sensitive financial flows. . . . . . . . . . . . | do | 98.4 | 105.4 | 109.2 | 104.9 | 109.2 | 108.1 | 116.1 | NA | 7.4 | NA | -3.9 | 4.1 | 817 |
| B1. Employment and Unemployment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| leading mdicators <br> Marginal Employment Adjustments: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Average workweek, prod. workers, mfg. . . <br> 21. Avg. weekly overtime hours, production | Hours.......... | 39.8 | 39.9 | 39.8 | 40.1 | 40.3 | 40.5 | 40.4 | 40.8 | -0.2 | 1.0 | 0.8 | 0.5 | 1 |
| workers, manufacturing ${ }^{2}$ | ..... do ..... | 3.0 | 2.9 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 0.1 | 0.1 | 0.1 | 0.1 | 21 |
| 2. Accession rate, manutacturing ${ }^{2}$. . . . . . . . | Per 100 employ . . | 4.0 | 3.9 | 3.9 | 3.9 | 4.5 | 4.5 | 4.6 | NA | 0.1 | NA | 0.0 | 0.6 | 2 |
| 4. Avg. weekly initial claims, State unemployment insurance (inverted ${ }^{4}$ ) $\quad$. | Thousands . . . . . | 296 | 292 | 301 | 288 | 259 | 257 | 259 | 257 | -0.8 | 0.8 | 4.3 | 10.2 | 5 |
| 3. Layoff rate, manufacturing (inverted $\left.{ }^{4}\right)^{2}{ }^{*}$. | Per 100 employ. . | 1.8 | 1.6 | 1.7 | 1.4 | 1.2 | 1.2 | 1.2 | NA | 0.0 | NA | 0.3 | 0.2 | 3 |
| ROUGHLY COINCIDENT INDICATORS Job Vacancies: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50. Number of job vacancies, mfg. (1) . . . . . | Thousands | 132 | 88 | 98 | 82 | 99 | 97 | 111 | NA | 14.4 | NA | $-16.3$ | 20.7 | 50 |
| 46. Help-wanted advertising - . . . . . . . . . . . | 1967=100 . . . . . | 92 | 80 | 83 | 82 | 87 | 87 | 90 | 93 | 3.4 | 3.3 | -1.2 | 6.1 | 46 |
| Comprehensive Employment: <br> 48. Manhours in nonagricultural establishments. <br> *41. Employees on nonagi. payrolls. <br> 42. Persons engaged in nonagri, activities. . . | Ann. rate, billion man-hours. .... | 138.11 | 137.87 | 137.74 | 138.72 | 140.20 | 140,36 | 140.67 | 141.65 | 0.2 | 0.7 | 0.7 | 1.1 | 48 |
|  | Thousands ..... | 70.618 | 70.695 | 70.638 | 71.025 | 71,768 | 71.729 | 711990 | $72 \cdot 172$ | 0.4 | 0.3 | 0.5 | 1.0 | 41 |
|  | ..... do ..... | 75,180 | 75,725 | 75.840 | 76,572 | $77 \cdot 423$ | 77-266 | 77.759 | 77.881 | 0.6 | 0.2 | 1.0 | 1.1 | 42 |
| Comprehensive Unemployment: <br> *43. Unemployment rate, total (inverted $\left.{ }^{4}\right)^{2}$... <br> 45. Avg. weekly insured unemployment rate (inverted ${ }^{4}$ ) ${ }^{2}$ <br> 40. Unemployment rate, married males (inverted ${ }^{4}$ ) ${ }^{2}$ | Percent | 5.0 | 6.0 | 6.0 | 5.9 | 5.8 | 5.7 | 5.9 | 5.9 | -0.2 | 0.0 | 0.2 | 0.1 | 43 |
|  | do | 3.5 | 4.1 | 4.2 | 4.1 | 3.4 | 3.4 | 3.5 | 3.5 | -0.1 | 0.0 | 0.1 | 0.7 | 45 |
|  | do | 2.6 | 3.2 | 3.2 | 3.2 | 2.9 | 2.8 | 2.8 | 2.9 | 0.0 | -0.1 | 0.0 | 0.3 | 40 |
| LAGGING INDICATORS <br> Long Duration Unemployment: <br> 44. Unemployment rate, 15 weeks and |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B2. Production, Income, Consumption, and Trode |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ROUGHLY COINCIDENT INDICATORS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -200. GNP in current dollars | Ann.rate, bil.dol. . | 974.1 | 1046.8 | 1053.4 | 1072.9 | 1103.6 | $\cdots$ | -•• | -•• | $\cdots$ | $\bullet$ | 1.9 | 2.9 | 200 |
| *205. GNP in 1958 dollars . . . . . . . . . . . . . . . | ..... do ..... | 720.0 | 739.4 | 740.7 | 751.3 | 761.6 |  |  |  |  | - 0 | 1.4 | 1.4 | 205 |
| *47. Industrial production. . . . . . . . . . . . . . . | 1967=100 . . . . . | 106.7 | 106.4 | 105.9 | 107.0 | 109.1 | 109.2 | 109.8 | 110.9 | 0.5 | 1.0 | 1.0 | 2.0 | 47 |
| Comprehensive Income: <br> *52. Personal income. . . . . . . . . . . . . . . . . . . | Ann.rate, bil.dol. . | 803.6 | 857.0 | 864.6 | 875.7 | 900.1 | 901.8 | 905.6 | 909.7 | 0.4 | 0.5 | 1.4 | 2.7 |  |
| 53. Wages, salaries in mining, mig., constr . . | ...... do ..... | 197.6 | 202.3 | 202.2 | 205.6 | 212.8 | 213.0 | 215.4 | 216.9 | 1.1 | 0.7 | 1.7 | 3.5 | 53 |
| Comprehensive Consumption and Trade: $\quad$ Bil dol |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57. Final sales .......................... | Ann.rate, bil.dol. | 971.3 | 1044.5 | 1054.6 | 10.34 1070.4 | 1103.0 | 120.74 | 122.56 | NA | 1.. | . $\cdot$ - | 1.5 | 3.3 | 57 |
| *54. Sales of retail stores ................. | Mil. dol. . . . . . | 31.260 | 34.026 | 34.521 | 35,145 | $\frac{1}{55.544}$ | 35,345 | 36,402 | 351853 | 3.0 | -1.05 | 1.8 | 1.1 | 54 |
| 59. Sales of retail stores, deflated . . . . . . . . | do | 27.554 | 28.975 | 29.241 | 29.653 | 29,731 | 29,513 | 301350 | 291902 | 2.8 | -1.5 | 1.4 | 0.3 | 59 |
| B3. Fixed Capital Investment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LEADING INDICATORS Formation of Business Enterprises: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *12. Index of net business formation ......... | 1967=100 . . . . . | 108.1 | 111.2 | 112.3 | 115.7 | 115.2 | 113.9 | 116.7 | NA | 2.5 | NA | 3.0 | -0,4 | 12 |
| 13. New business incorporations........... | Number . . . . . . | 22+163 | 24.001 | 24.498 | $25+469$ | 25,740 | 24.743 | 27.793 | NA | 12.3 | NA | 4.0 | 1.1 | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. Construction contracts, total value ..... | 1967=100 ...... | 2126 | 146 | 153 | 151 | 34.90 160 | $\begin{array}{r}155 \\ \hline 15\end{array}$ | $\begin{array}{r}159 \\ \hline 15\end{array}$ | 35.42 167 | 2.6 | 0.9 5.0 | -1.1 | 9.3 6.0 | 8 |
| *10. Contracts and orders, plant, equipment... | Bil. dol........ | 7.32 | 7.90 | 7.86 | 8.22 | 8.79 | 8.27 | 8.67 | 9.15 | 4.8 | 5.5 | - 4.6 | 6 | 10 |
| 11. New capital appropriations, manufacturing | ...... do ..... | 6.36 | 5.80 | 6.07 | 5.94 | 6.62 | $\cdots$ |  |  | $\cdots$ | ... | -2.1 | 11.4 | 12 |
| 24. New orders, producers' cap. goods indus . | ...... do ..... | 5.79 | 6.39 | 6.37 | 6.74 | 7.53 | 7.24 | 7.24 | 7.25 | 0.0 | 0.1 | 5.8 | 11.7 | 24 |
| 9. Construction contracts, commercial and industrial buildings. | Mil. sq. feet floor space .... | 63.80 | 61.19 | 62.07 | 65.71 | 64.35 | 66.72 | 66.68 | 65.53 | -0.1 | -1.7 | 5.9 |  | 9 |
| 28. New private housing units started, total.. | Ann. rate, thous. | 1.441 | 2.051 | 2.113 | 2.241 | 2.509 | 21682 | 21357 | 2.115 | -12.1 | -10.3 | 6.9 | 12.0 | 28 |
| *29. New bidg. permits, private housing . . . . . | 1967=100 . . . . . | 118.3 | 165.2 | 174.0 | 187.5 | 178.5 | 182.1 | 169.0 | 174.1 | -7.2 | 3.0 | 7.8 | -4.8 | 29 |
| ROUGHLY COINCIDENT INDICATORS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Backlog of Investment commitments: <br> 96. Unfilled orders, durable goods industries ${ }^{5}$ | Bil. dol., EOP... | 77.48 | 75.06 | 74.36 | 75,06 | 77.57 | 77.08 | 77.57 | 77.77 | 0.6 | 0.3 | 0.9 | 3.3 | 96 |
| 97. Backlog of capital approp., mfg. ${ }^{\text {a }}$. $\ldots$... | ..... do | 21.06 | 19.32 | 19.71 | 19,32 | 19.90 | - |  |  |  |  | -2.0 | 3.0 | 97 |

Table 1. Summary of Recent Data and Current Changes for Principal Indicators-Con.


Table 1. Summary of Recent Data and Current Changes for Principal Indicators-Con.

| Series title | $\begin{gathered} \text { Unit } \\ \text { of } \\ \text { measure } \end{gathered}$ | Easic data ${ }^{1}$ |  |  |  |  |  |  |  | Percent change |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1970 | 1971 | 3 l 1971 | 4th 0 1971 | 1510 1972 | $\begin{aligned} & \text { Feb. } \\ & 1972 \end{aligned}$ | $\begin{aligned} & \text { Mar, } \\ & 1972 \end{aligned}$ | $\begin{aligned} & \text { Apr. } \\ & 1972 \end{aligned}$ | Feb. <br> to <br> mar. <br> 1972 | $\begin{aligned} & \text { Mar. } \\ & \text { to } \\ & \text { App. } \\ & 1972 \end{aligned}$ | $\begin{aligned} & 3 \mathrm{~d} Q \\ & 10 \\ & \text { tht } \mathrm{Q} \\ & 1971 \end{aligned}$ | $\begin{gathered} 4 \text { th Q } \\ \text { to } \\ \text { 1t } 0 \\ 1972 \end{gathered}$ |  |
| B. CYCLIICAL INDICATORS--CON. B6. Money and Credit-Con. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LAGGING INDICATORS Outstanding Debt: <br> 66. Consumer installment debt ${ }^{5}$ <br> *72. Com. and industrial loans outstanding. ... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Bil. dol, EOP. . . Mil. dol. ., .... | 99.02 84.798 | 107.06 84.295 | 103.97 84.559 | 107.06 $85,49 \%$ | 110.03 85.072 | 108.66 85.145 | $\left\lvert\, \begin{aligned} & 110.03 \\ & 85.564 \end{aligned}\right.$ | 86.620 | 1.3 0.5 | NA 1.2 | 3.0 1.1 | 2.8 -0.5 | 66 72 |
| Interest Rates on Business Loans and Mortgages: *67. Bank rates on short-term bus. loans ${ }^{2}$ (4). . 118. Mortgage yields, residential ${ }^{2}$ (1). . ....... | Percent........ | 8.48 | 6.32 | 6.51 | 6.18 | 5.52 | $7{ }^{\circ \prime}$ | * $\quad$ - | $\cdots$ | $\cdots$ | - $0 \cdot$ | -0.33 | -0.66 | 67 |
|  | ......dio...... | 9.03 | 7.70 | 7.91 | 7.65 | 7.47 | 7.46 | 7.45 | 7.50 | -0.01 | 0.05 | -0.26 | -0.18 | 118 |
| D. OTHER KEY INDICATORS <br> DI. Foreign Trade |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 500. Merchandise trade balance ${ }^{2}$ $\qquad$ <br> 502. Exports, excluding military aid. $\qquad$ <br> 506. Export orders, dur, goods exc. motor vehicles <br> 508. Export orders, nonelectrical machinery. <br> 512. General imports. | Mil. dol. | 233. | -163 | -96 | -441 | -500 | -598 | -584 | -699 | 14 | -115 | -345 | -59 | 500 |
|  | ...... do | 3,561 | 3.635 | 31894 | 3.243 | 3,973 | 3,806 | 31891 | 3.760 | 2.2 | -3.4 | $-16.7$ | 22.5 | 502 |
|  | d | 1,437 | 1,453 | 1,442 | 1.507 | 1,451 | 1,372 | 1.554 | NA | 13.3 | NA | 4.5 | -3.7 | 506 |
|  | 1957-59 = 100 | 253 | 246 | 246 | 265 | 292 | 296 | 290 | NA | -2.0 | NA | 7.7 | 10.2 | 508 |
|  | Mil. dol. . | 3,328 | 3,798 | 3.990 | 3.683 | 4.473 | 4,403 | 4.475 | 4.460 | 1.6 | -0.3 | -7.7 | 21.4 | 512 |
| D2. U.S. Balonce of Poyments |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 250. Balance on goods and services ${ }^{2} \ldots \ldots, .$. | Mil. dol. | 898 | 175 | 56 | -514 | -900 | $\cdots$ | -•• | -•• | $\cdots \cdot \cdot$ | -•• | -570 | -386 | 250 |
| 515. Bal. on goods, services, and remittances ${ }^{2}$. ${ }^{\text {a }}$ | do | 545. | -190 | -329 | -891 | NA | ... | ... | ... | ... | -•* | -562 | NA | 515 |
|  | do. | 111 | -694 | -871 | -1,453 | NA | ... | -.. | $\ldots$ | $\cdots$ | -.. | -582 | NA | 517 |
| 519. Balance on curr. acct. and iong-term capital ${ }^{2}$ <br> 521. Net liquidity balance ${ }^{2}$ | do. | -760 -955 | $-2,321$ $-5,493$ | $-3,191$ $-9,303$ | $-1,523$ $-4,345$ | -3, NA | -. | $\cdots$ | $\cdots$ | -•• | -.. | 1.668 | NA | 519 |
|  |  | -955 -2.455 | -5,493 | + $\begin{array}{r}-9,303 \\ 12,185\end{array}$ | $-4,345$ $-6,285$ |  | $\cdots$ | $\because \cdot$ |  | $\cdots$ | -•• | 4,958 5,900 | 1.126 | 521 |
| D3. Federal Government Activities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 600. Federal surplus or deficit, $\mathrm{NIA}^{2}$ | Ann. rate, bil.dol.. | -13.6 | -23.1 | -26.7 | -25.7 | -13.3 | ** | -•• | *.. | -•• | -* | 1.0 | 12.4 | 600 |
| 601. Federal receipts, NIA ................. | ...... do....... | 191.5 | 198.7 | 197.8 | 203.0 | 222.1 | ... | -.. | ... | -•• | ... | 2.6 | 9.4 | 601 |
|  | do | 205.1 | 221.9 | 224.6 | 228.7 | 235.5 | -•• | ... | ... | ... | ... | 1.8 | 3.0 | 602 |
| 602. Federal expenditures, M1A............. 264. National defense purchases . . . . . . . . |  | 75.4 | 71.4 6.795 | 70.2 | 71.4 | 75.8 |  |  |  |  | $\because$ | 1.7 | 6.2 | 264 |
| 264. National defense purchases........... 616. Defense Dept. obligations, total. . . . . | Mil. dol. ....... | 67626 | 6.795 | 6.709 | 7.188 | 71610 | 7.872 | 71220 | NA | -8.3 | NA | 7.1 | 5.9 | 616 |
| 621. Defense Dept. obligations, procurement . . | .....ddo...... | 1,649 | 1.769 | 1,792 | 1,932 | 2.148 | 1.994 | 1.817 | NA | -8.9 | NA | 7.8 | 11.2 | 621 |
| 647. New orders, defense products industries.. . <br> 648. New orders, defense products. . . . . . . . . . <br> 625. Military contract awards in U.S. . . . . . . . . | Bil. dol. ....... | 3.58 | 3.54 | 3.63 | 3.63 | 3.57 | 3.45 | 3.48 | 3.50 | 0.9 | 0.6 | 0.0 | -1.7 | 647 |
|  | Mii...do. | 1.95 2.785 | 1.95 2.775 | 2.17 2.976 | 2.02 | 2.22 | 1.78 | 1.75 | 1.88 | -1.7 | 7.4 | -6.9 | 9.9 |  |
|  | Mil. dol. . | 2,785 | 2,775 | 2.976 | 2,872 | 3,336 | 21937 | 3,382 | NA | 15.2 | NA | -3.5 | 16.2 | 625 |
| D4. Price Movements |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1958-100 ..... | 130.7 | 137.0 | 137.8 | 138.4 | 139.9 | -•• | 0 | 3 | - | - 0 | 0.4 | 1.1 | 211 |
|  | 1967-100 | 116.3 | 121.3 | 122.0 | 122.7 | 123.7 | 123.8 | 124.0 | 124.3 | 0.2 | 0.2 | 0.6 | 0.8 | 781 |
| 781. Consumer prices, all items (1) <br> 781c. Consumer prices, all items, $\$ / A$. <br> 750. Wholesale prices, all commodities(1) | Percent....... | 0.4 | 0.3 | 0.2 | 0.2 | 0.3 | 0.6 | 0.0 | 0.2 | -0.6 | 0.2 | 0.0 | 0.1 | 781 |
| 750. Wholesale prices, all commodities (1).... <br> D5. Woges and Productivity | 1967-100 . . . . . | 110.4 | 113.9 | 114.7 | 114.0 | 117.0 | 117.3 | 117.4 | 117.5 | 0.1 | 0.1 | 0.1 | 1.9 | 750 |
| 740. Avg, hourly earnings, prod. workers in private nonfarm economy | do. | 121.2 | 129.6 | 130.7 | 132.2 | 134.9 | 134.7 | 135.5 | 136.4 | 0.6 | 0.7 | 1.1 | 2.0 | 740 |
| 741. Real avg, hourly earnings, prod, workers in private nonfarm economy - | do. | 104.1 | 106.9 | 107.2 | 107.7 | 108.9 | 108.6 | 109.2 |  | 0.6 |  |  |  |  |
| 859. Real spendable avg. wkly, eanonagii. prod. or nonsupv, w |  |  |  |  |  |  |  |  | 109.7 | 0.6 | 0.5 | 0.5 | 1.1 | 741 |
|  | . do. | 90.17 | 92.28 | 92.04 | 93.12 | 95.10 | 95.00 | 95.46 | 96.22 | 0.5 | 0.8 | 1.2 | $2 \cdot 1$ | 859 |
| 745. Avg, hourly compensation, private nonfarm | do | 122.8 | 131.4 | 132.4 | 134.0 | 137.0 | ... | ... | ... | ... | ... | 1.2 | 2.2 | 745 |
|  | ...... do...... | 105.6 | 108.3 | 108.5 | 109.2 | 110.7 | ... | -.. | ... | -•• | -* | 0.6 | 1.4 | 746 |
| 746. Real avg. hourly comp., private nonfarim. . 770. Output per man-hour, total private econiomy | do | 104.3 | 108.1 | 108.5 | $109 \cdot 3$ | 109.9 | ... | . . $\cdot$ | ... | -• | $\cdots$ | 0.7 | 0.5 | 770 |
| D6. Civilian Labor Force and Major Components | do | 103.5 | 106.9 | 107.1 | 108.3 | 109.4 | $\cdots$ | -•• | . $\cdot$. | - . ${ }^{\text {c }}$ | -.. | 1.1 | 1.0 | 858 |
| 841. Total civilian labor force. . . . . . . . <br> 842. Total civilian employment . . . . . . . <br> 843. Number of persons unemployed. | Thousands | 82.771 | 84:129 | 84.245 | 85,030 | 85.852 | 85,535 | 86.313 | 86.284 | 0.9 | 0.0 | 0.9 | 1.0 | 841 |
|  |  | 78,642 | 79.118 | 79.221 5.023 | 79,983 | 80.833 | 80.623 | 81.241 | $81 \cdot 205$ | 0.8 | $0 \cdot 0$ | 1.0 | 1.1 | 842 |
| E. ANAL.YTICAL MEASURES E2. Analyrical Ratios | ...... do...... | 4.129 | 5.011 | 5.023 | 5.047 | 5.018 | 4.912 | 5.072 | 51079 | -3.3 | -0.1 | -0.5 | 0.6 | 843 |
| 850. Ratio, output to capacity, manufacturing ${ }^{2}$. | Percent. . . . . . . | 78.2 | 74.6 | 74.1 | 74.1 | 74.5 | - |  | -•• | -•• | $\bullet$ | 0.0 | 0.4 | 850 |
| 851. Ratio, inven. to sales, mig, and trade. . . .852. Ratio, unfilled orders to shipments, mifs.'durable goods industries.......... | Ratio . . . . . . . . . | 1.60 | 1.56 | 1.55 | 1.54 | 1.49 | 1.50 | 1.48 | NA | -1.3 | NA | -0.6 | -3.2 | 851 |
|  |  | 3.03 | 2.77 | 2.73 | 2.69 | 2.59 | 2.61 | 2.57 | NA | -1.5 | NA | -1.5 | -3.7 | 852 |
| 853. Ratio, prod., bus, equip.to consumer goods 854. Ratio, personal savings to disposable | 1967=100 . . . . . | 91.6 | 83.2 | 83.8 | 82.4 | 83.0 | 83.1 | 83.8 | 84.2 | 0.8 | 0.4 | -1.7 | 0.7 | 853 |
| personal income | Ratio . . . . . . . . | 0.079 | 0.082 | 0.081 | 0.078 | 0.070 | -•• | -•• | -** | -•• | -* | -3.7 | -10.3 | 854 |
| 860. Ratio, help-wanted advertising persons unemployed | $\cdots \mathrm{do}$ | 0.687 | 0.478 | 0.494 | 0.484 | 0.518 | 0.527 | 0.528 | 0.545 | 0.2 | 3.2 | -2.0 | 7.0 | 860 |
| 857. Vacancy rate in total rental housing ${ }^{2}$ (1) | Percent | 5.3 | 5.4 | 5.6 | 5.6 | 5.3 | .... | , |  | ... | ... | 0.0 |  | 857 |

NOTE: Series are seasonally adjusted except for those indicated by(M), which appear to contain no seasonal movement. "Series included in the 1966 NBER "short list" of indicators. NA $=$ not available. $a=$ anticipated. $\quad E O P=$ end of period. For complete series titles (including composition of composite indexes) and sources, see "Titles and Sources of Series" in the back of BCD.

 are averages or totals of the data as shown in part II.
${ }^{2}$ Differences rather than percent changes are shown for this series.
${ }^{3}$ Index for the latest month excludes series $12,16,31$, and 113, for which data are not yet available.
${ }^{4}$ Inverted series. Since this series tends to move counter to movements in general business activity, signs of the changes are reversed.
${ }^{5}$ End-of-period series. The annual figures (and quarteriy figures for monthly series) are the last figures for the period.


NATIONAL INCOME AND PRODUCT

Chart A1 GROSS NATIONAL PRODUCT


Current data for these series are shown olt page 69.

## Section A

## Chart A2 NATIONAL. AND PERSONAL INCOME



[^0]
## Section A NATIONAL INCOME AND PRODUCT

## Chart A3 PERSONAL CONSUMPTION EXPENDITURES



Current data for these series are shown on page 70.

## Section A RATMMUA

Chart A4 GROSS PRIVATE DOMESTIC INVESTMENT


Current data for these serles are shown on page 70.

## Section A NATIONAL INCOME AND PRODUCT

Chart A5 FOREIGN TRADE



Current data for these series are shown on page 7 I.

## Section A NATIONAL INCOME AND PRODUCT

## Chart A6 GOVERNMENT PURCHASES OF GOODS AND SERVICES



Current data for these serles are shown on page 71.

| (1) | (Rug) | (July) (ava) | (witay) (reb.) | (Row) | (Rov.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| P | T | P T | T | P | $\uparrow$ |

## Ammal rate, billion dollars (current)


275. Change in business inventories, nondurable goods, $\mathbf{a}$


Current data for these serles are shown on page 71 .

Section A NATIONAL INCOME AND PRODUCT

## Chart A8 NATIONAL INCOME COMPONENTS



Current dato for these serles are shown on pages 71 and 72.
16

## Section A NATIONAL INCOME AND PRODUGT

Chart A9 SAVING
(Juty) (Aus)

Current data for these series are shown on page 72.

## Section A NATIONAT INCOKE AND PRODUCT

## Chart A10 REAL GROSS NATIONAL PRODUCT



Current data for these serles are shown on pages 69, 70, and 72.
18 ASER

## Section A NATIONAL INCOME AND PRODUCT

## Chart All SHARES OF GNP AND NATIONAL INCOME

## Gross National Product Shares

(July) (Aug.) (Muly) (Apr.) (Feb.) (Nov.) (Nov.)

National Income Shares


Current data for these series are shown on page 73.


## Chart B1 EMPLOYMENT AND UNEMPLOYMENT

## Leading Indicators

| (July) | (Åug.) | (july) (Apr.) | (May) (Feb) | (Nou.) (Nov.) |
| :---: | :---: | :---: | :---: | :---: |
| P | $T$ | $P T$ | $P T$ | P I |




Current data for these series are shown on paget 74.

Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing
Chart B1 EMPLOYMENT AND UNEMPLOYMENT-Con.

## Roughly Coincident Indicators

$\underset{p}{\text { (Nif) }} \underset{T}{\text { (Aug.) }}$
$\underset{\mathrm{P}}{\mathrm{D}} \underset{\mathrm{T}}{\text { (uly) (Apr.) }}$
(May) (Feb.)
P
T
(Nov) (Nov.)

Job Vacancies


Current data for these series are shown on pages 74 and 75.

## Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing

## Chart B1 EMPLOYMENT AND UNEMPLOYMENT-Con.

Roughly Coincident Indicators-Con.
$\underset{\mathrm{p}}{\mathrm{T}} \underset{\mathrm{T}}{\text { (July) }}$
(July) (Apr.)
(May) (Feb.)
(Nov.) (Nov.)
PT

Comprehensive Unemployment


Lagging Indicators
Long-Duration Unemployment
*44. Unemployment rate, persons unemployed 15 weeks and over [percent-inverted scale)


Current data for these series are shown on page 75.

## Chart B2 PRODUCTION, INCOME, CONSUMPTION, AND TRADE

## Roughly Coincident Indicators



NOTE: For this econemic process (i.e., Production, Incoma, Consumption, and Tradel, no leading or lagging indicators have as yet been selected. Current data for these series are shown on page 76.

## Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing

Chart B2 PRODUCTION, INCOME, CONSUMPTION, AND TRADE Con.

Roughly Coincident Indicators-Con.
(Juli) (Aug)
(Maly) (Apr.)
(May) (Feb.)
(Nov.) (Nov.)

Comprehensive Consumption and Trade


Section B CYCLICAR $\operatorname{ANDRATORS}$ Economic Process and Cyclical Timing
Chart B3 FIXED CAPITAL INVESTMENT

## Leading Indicators



[^1] Current data for these series are shown on page 77 .

Chart B3 FIXED CAPITAL INVESTMENT-Con.

Leading Indicators-Con.
New investment Commitments - Con. (July) (Aug)

## Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing

Chart B3<br>FIXED CAPITAL INVESTMENT-Con.

Roughly Coincident Indicators
(July) (Aug.)
(July) (Apr.)
(May) (Feb.)
(Nov.) (Nov.)
$P$ T

Backlog of livestment Commitments


Lagging Indicators


MAY 1972

## Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing

## Chart B4 INVENTORIES AND INVENTORY INVESTMENT

Leading Indicators
$\begin{array}{cc}\text { (July) } \\ \mathrm{P} & \mathrm{T}\end{array}$
(July) (Apr.)
$\mathbf{P})$
(May) (Feb.)
(Nov.) (Nov.)
PT

Inventory Investment and Purchasing


Leading Indicators-Con.

| (Juij) | (ax) | (anty) (fier.) | (May) (feab) | (Now.) (Nou.) |
| :---: | :---: | :---: | :---: | :---: |
| P | T | P P | P 1 | T |

## Inventory Investment and Purchasing - Con




## Lagging Indicators



Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing
Chart B5 PRICES, COSTS, AND PROFITS

Leading Indicators


## Section B CYCICAL INDTCATORS Economic Process and Cyclical Timing

Chart B5 PRICES, COSTS, AND PROFITS-Con.

Leading Indicators-Con.


## Roughly Coincident Indicators



Cuprent data for these series are shown on page 80.

## Section B

Chart B5 PRICES, COSTS, AND PROFITS-Con.

## Lagging Indicators



[^2]
## Section B CYCLCAL RNDRATORS Economic Process and Cyclical Timing

## Chart B6 MONEY AND CREDIT

## Leading Indicators

Flows of Money and Credit

## Section B CYCLICA! $\mathbb{A N D C A T O R S}$ Economic Process and Cyclical Timing

## Chart B6 MONEY AND CREDIT-Con.

Leading Indicators-Con.
Flows of Money and Credit - Con.

## Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing

## Chart B6 MONEY AND CREDIT-Con.

## Roughly Coincident Indicators



Current data for these series are shown on page 82.

## Section B CYCLCAL MDICATORS Economic Process and Cyclical Timing

Chart B6 MONEY AND CREDIT-Con.

## Lagging Indicators


(Juty) (apr.)
(May) (Feb)
$\underset{p}{\text { (Now. (Nou.) }}$


Current data for these serles are shown on page 82.
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Current data for these series are shown on page 83. Numbers entered on the chart indicate length of leads ( - ) and lags ( + ) in months from reference turning dafes.
"Reverse trend adjusted index of 12 leaders contains the same trend as the index of 5 coincident indicators.

Section B. CYCLICAL INDICATORS Selected Indicators by Timing
Chart B7 COMPOSITE INDEXES-Con.


Current data for these series are shown on paige 83.

## Section B CYCLCAL INDICATORS Selected Indicators by Timing

## Chart B8

NBER SHORT LIST

## Leading Indicators

| (W00.) (0ct.) | (Muly) (Rug.) | (July) (apr.) | (May) (Peb.) | (Mov.) (Rou.) |
| :---: | :---: | :---: | :---: | :---: |
| P T | P T | P 7 | P 『 | $P \quad T$ |







Current deta for these series are shown on pages 74, 77, and 78.

Leading Indicators-Con.


Current data for these serles are shown on pages; 78, 79, 80, and 81.

## Chart B8 NBER SHORT LIST-Con.

## Roughly Coincident Indicators



Current data for these series are shown on pages 75 and 76.

## Lagging Indicators

$\underset{\mathrm{p}}{\mathrm{P}} \mathrm{N}$

(Jump) (ADov:
(Ma)
(Nev.) (Neo.)
?
*44. Unemployment rate, persons unemployed 15 weeks and over (percent--inverted scale)



Current data for these serles are shown on pages 75, 78, 79, 80, and 82.

ANTHETMTRONS ANO MNTENTMOUS

## Chart C1 AGGREGATE SERIES



Current data for these series are shown on page 64.

## Section $C$ ARTMCIPATBNE AND TMTEMTIONS

## Chart C1 AGGREGATE SERIES-Con.



Current data for thase sarles are shown on page 84.
$\begin{array}{cc}\text { (July) (Apr.) } \\ p & 1\end{array}$
(May) (Feo.)
$\begin{array}{cc}\text { (Nou.) } & \text { (Nou.) } \\ P & \mathrm{~T}\end{array}$
420. Current income of households compared to income a year ago, $\mathbf{0}$, (a) Percent of households reporting no change in family income (percent) Actual
425. Mean probability of substantial changes in income of households, a (a) Mean prohahility of increase in family income [percent]


II

## (b) increase less decrease (percent)

(c) Mean probability of decrease in family income (percent)

## $\square=$ <br> 430. Number of new cars purchased by househords, 0 [ann, rate, mil. cars)


 II III
 H.


435. Index of consumer sentiment, $\mathbf{Q}$ (1st $\mathbb{Q} 1966=100]$


Current data for these saries are shown on page 84.

## Section C ANTICIPATIONS AND INTENTIONS

Chart C2 DIFFUSION INDEXES
(July) (AMOR)
$\underset{\mathrm{P}}{(\text { May })}$ (Feb.)
(Hov.) (Mou.)
$P \quad 1$
$P \quad$ T


## Current data for these saries are thown on page 85

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## Section C ANTCCHPATUONS AND INTENTDONS

## Chart C2 DIFFUSION INDEXES-Con.



Current data for these series are shown on page 85
Current data for these series are shown on page 85 .
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## Chart D1 FOREIGN TRADE



## Section D OTHER KEY INDICATORS

## Chart D2 BALANCE OF PAYMENTS AND MAJOR COMPONENTS

(Noty) (Aug.)

## Chart D2 BALANCE OF PAYMENTS AND MAJOR COMPONENTS-Con.

(ux) (Aus)
(Moly) $($ Paps. $)$
$p$

(Rlen) (How)$P$ if

## Major Components, Except Military Grants of Goods and Services - Con.

$\qquad$
$\qquad$





Current data for these series are shown on page $\{7$. End of year figures are used prior to 1960.

## Section D OTHER KEY INDICATORS

## Chart D2 BALANCE OF PAYMENTS AND MAJOR COMPONENTS-Con.


(Sulis) (Ruge)
(Naly) (ABr.)
(May) (fab.)
P 1
(Nov.) (Nou.)
p $r$

Investment lucome, Military Sales
and Expendifures, and Other Services
Annual rate, billion dollars

543. Income on foreign investments in the U.S.

544. Receipts from foreign travelers in the U.S.



Current data for these series are shown on page 日6. Annual totals are used prior to 1960.
$52_{\text {ASER }}$

## Chart D2 BALANCE OF PAYMENTS AND MAJOR COMPONENTS-Con.

| ( $10 . y$ ) | (ax) |  | (Mey) (febs) | (Mow) | (Nov.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| P | T |  | P i | P | T |

## Capital Movements Plus Government Nonmilitary Unilateral Transfers

Annual rate, billion dollars

|  |
| :---: |
|  |  |

## Direct investments-




| (Juiy) (Aug) |  |
| :---: | :---: |
| $P$ | 1 |

(lady) (Aprs.)
$P \quad i$
( (6idy) (Febo.)
(May.) Mou.)
$P$ T

Receipts and Expenditures
600. faderal surplus or deficit, national incomie and product accounts, $\mathbf{a}$ (ann. rate, bil. dol.)


Current data for these series are shown on page 99.


## Section D OTHER KEY INDICATORS

Chart D4 PRICE MOVEMENTS


## Section D OTHER KEY INDICATORS

## Chart D4 PRICE MOVEMENTS-Con.

| (Juty) | (\%mg) | (fuly) (Apro) | ( (Nay) (Feb.) | (ATou.) (Roy.) |
| :---: | :---: | :---: | :---: | :---: |
| P | $\uparrow$ | P 1 | P $T$ | P $r$ |



(Huty) (Aug)
(Jufy) (Apr.)
(Niay) (Feb.)
(Naw.) Mow.
T P T P T

Average hourty earninus of production workers, private nonfarm economy [annual data prior to 1964]-
740. Current dollar earings (index: $1967=100$ ]



Average hourly compensation, all employees,


Current data for these sories are shown on pages 92 and 93.

| (July) | (Rug) | (Jutiv) (Apr) | (May) (reb.) |
| :---: | :---: | :---: | :---: |
| P | $T$ | $P$ T | P i |

Wages
(Now.) (Nov.)
P T


## Section D OTMER REM INDICATORS

## Chart D6 CIVILIAN LABOR FORCE AND MAJOR COMPONENTS




## Chart El ACTUAL AND POTENTIAL GROSS NATIONAL PRODUCT

$\underset{p}{\text { (huny) }}$ (tange)<br>$\underset{p}{(N u y)}$<br><br>(Nave.) Mov.)




[^3]
## Section E

## Leading Indicators

| (uly) | (Rug) | (July ( Aprr.) | (May) (feb.) | (Now.) (Now.) |
| :---: | :---: | :---: | :---: | :---: |
| P | $\Gamma$ | P | P T | P 『 |

Percent rising



D34. Profits, FNCB of NY, percent reporting higher profits-about 1,000 manufacturing corporations (1-Q span)




D19. Stock prices, 500 common stocks- 77 industries 9 -mo. span-, 1-mo. span-..-1

023. Industrial materials prices-13 industrial materials (9-mo. span —, 1-mo. span----)


D5. Initial claims, State unemployment insurance-47 areas (percent declining; 9-mo. span-, 1-mo. span---1


${ }^{1}$ This is a copyrighted series used by permission; it may not be reproduced without written permission from The Conference Board.
Current data for these series are shown on pages 97 and 98.

## Section E ANALYTICAL MEASURES

Chart E3 DIFFUSION INDEXES-Con.

## Roughly Coincident Indicators



D47. Industrial production-24 industries (6-mo. span - , I-mo. span $-\cdots$ )




## Section E ANALYTICAL MEASURES

## Chart E5 RATES OF CHANGE

| (July) | (Apr.) | (Way) | (Feo.) |
| :---: | :---: | :---: | :---: |
| P | T | P | T |



## Chart F1 CONSUMER PRICES



Currant data for these serles are shown on page 103.

## Chart F2 INDUSTRIAL PRODUCTION



Current data for these serles are shown on pages 103 and 104.


Current data for these serles are shown on page 104.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (l). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The "r" indicates revised; " $p$ ", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on pages 9, 10, and 65.
${ }^{1}$ See "New Features and Changes for This Issue," page iii.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (1). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " r " indicates revised; " p ", preliminary; " e ", estimated; " a ", anticipated; and " $N A$ ", not available.

Graphs of these series ore shown on pages 11 and 12 .

A NATIONAL INCOME AND PRODUCT

| $\begin{gathered} \text { Year } \\ \text { and } \\ \text { quarter } \end{gathered}$ | A5 FOREIGN TRADE IN CURRENT DOLLARS |  |  | A6 GOVERNMENT PURCHASES OF GOODS AND SERVICESIN CURRENT DOLLARS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 250. Net exports of goods and services | 252. Exports of goods and services | 253. Imports of goods and services | 260. Total | 262. Federal | 264. National defense | 266. State and local |
|  | (Ann. rate, bil. dol.) | $\begin{aligned} & \text { (Ann. rate, } \\ & \text { bil. dol.) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { (Ann. rate, } \\ \text { bil. dol.) } \\ \hline \end{gathered}$ | (Ann. rate, bil. dol.) | (Ann. rate, bil. dol.) | (Ann. rate, bil. dol.) | (Ann. rate, bil. dol.) |
| 1969 |  |  |  |  |  |  |  |
| First quarter. . . . . | +1.4 | 48.0 | 46.6 | 206.5 | 99.2 | 78.3 | 107.3 |
| Second quarter. . . . | +1.2 | 56.9 | 55.7 | 207.8 | 97.7 | 77.5 | 110.1 |
| Third quarter. . . . . . | $+2.8$ | 58.3 | 55.5 | 211.5 | 100.3 | 79.4 | 111.2 |
| Fourth quarter. . . . . 1970 | +2.7 | 59.2 | 56.6 | 213.0 | 99.5 | 78.4 | 113.5 |
| First quarter. . . . . | +3.5 | 61.5 | 58.0 | 217.3 | 100.2 | 78.9 | 117.1 |
| Second quarter. . . . . | +4.2 | 63.2 | 59.0 | 216.5 | 96.8 | 75.1 | 119.7 |
| Third quarter. . . . . | $+4.0$ | 63.7 | 59.7 | 220.1 | 96.1 | 74.2 | 124.0 |
| Fourth quarter.... . | +2.7 | 63.2 | 60.5 | 223.7 |  | 73.2 | 127.9 |
| 1971 |  |  |  |  |  |  |  |
| First quarter. . . . . . | +4.7 | 66.2 | 61.5 | 227.9 | 96.4 | 72.6 | 131.6 |
| Second quarter. . . . | +0.1 | 66.5 | 66.4 | 229.6 | 96.0 | 71.4 | 133.6 |
| Third quarter. . . . . | 0.0 | 68.2 | 68.2 | 233.8 | 97.6 | 70.2 | 136.2 |
| Fourth quarter. . . . . $1972$ | -4.6 | 60.4 | 65.0 | 240.8 | 100.3 | 71.4 | 140.5 |
| First quarter. . . . . . | r-6.2 | r69.2 | r75.4 | r249.6 | r104.9 | r75.8 | r144.8 |
| Year and quarter | A7 FINAL SALES AND INVENTORIES IN CURRENT DOLLARS |  |  |  | NATIONAL INCOME COMPONENTS IN CURRENT DOLLARS |  |  |
|  | Durable goods |  | Nondurable goods |  | 280. Compensation of employees <br> (Ann, rate, bil. dol.) | 282. Proprietors' income | 284. Rental income of persons |
|  |  | 271. Change in business inventories (Ann. rate, bil. dol.) | 274. Final sales <br> (Ann. rate, bil. dol.) | 275. Change in business inventories <br> (Ann. rate, bil. dol.) |  |  |  |
|  | (Ann. rate, bil. dol.) |  |  |  |  | (Ann. rate, bil. dol.) | (Ann. rate, bil. dol.) |
| 1969 |  |  |  |  |  |  |  |
| First quarter. . . . . | 179.1 | +3.8 | 262.2 | +2.8 | 545.9 | 66.7 | 22.0 |
| Second quarter . . . . | 179.6 | +4.7 | 268.0 | +2.1 | 559.1 | 67.1 | 22.6 |
| Third quarter . . . . . | 181.3 | +6.5 | 271.0 | +4.0 | 573.6 | 67.1 | 22.7 |
| Fourth quarter. . . . . | 183.4 | +3.0 | 274.9 | +2.8 | 583.6 | 67.2 | 22.9 |
| 1970 |  |  |  |  |  |  |  |
| First quarter. . . . . | 181.5 | -1.8 | 279.9 | +2.2 | 593.2 | 68.0 | 23.0 |
| Second quarter . . . . | 183.7 | -2.0 | 282.9 | +4.0 | 598.5 | 67.6 | 23.2 |
| Third quarter . . . . | 184.9 | +4.7 | 284.9 | +0.4 | 606.5 | 66.0 | 23.4 |
| Fourth quarter. . . . . | 173.1 | -3.4 | 290.9 | +7.1 | 609.3 | 65.9 | 23.7 |
| 1971 |  |  |  |  |  |  |  |
| First quarter. . . . . . | 189.4 | +3.5 | 293.1 | -0.4 | 627.3 | 66.4 | 23.8 |
| Second quarter . . . . | 190.6 | +2.3 | 295.5 | +2.3 | 638.0 | 67.2 | 24.2 |
| Third quarter . . . . . | 196.4 | -2.5 | 301.0 | +1.3 | 645.6 | 69.2 | 24.5 |
| $\begin{aligned} & \text { Fourth quarter .... } \\ & 1972 \end{aligned}$ | 198.4 | -1.8 | 303.6 | +4.3 | 656.6 | 70.5 | 24.6 |
| First quarter. . . . . . <br> Second quarter . . . . <br> Third quarter . . . . . <br> Fourth quarter. . . . . | r207.9 | r +0.2 | r308.8 | Pب0.4 | r679.9 | r71.2 | 24.8 |

NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by(l). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The "r" indicates revised; "p", preliminary; ${ }^{a} e^{\prime}$, estimated; " $a$ ", anticipated; and "NA", not available.

Graphs of these series are shown on poges $13,14,15$, and 16.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (L). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The "pn indicates revised; " p ", preliminary; ${ }^{4} \mathrm{e}$ ", estimated; " a ", anticipated; and " NA ", not available.

Graphs of these series are shown on pages 16,17 , and 18.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (@). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " $r$ " indicates revised; " $p$ ", preliminary; " e ", estimated; " a ", anticipated; and "NA", not available.

Graphs of these series are shown on page 19.

B CYCLICAL INDICATORS-Economic Process and Cyclical Timing

| MAJOR ECONOMIC <br> PROCESS ....... | BI EMPLOYMENT AND UNEMPLOYMENT |  |
| :--- | :---: | :---: |
| TIMING CLASS .... | LEADING INDICATORS | ROUGHLY COINCIDENT <br> INDICATORS |
| Minor EConomic <br> Process........ | Marginal Employment Adjustments | Job Vacancies |


| Year and month | *1. Average workweek of production workers, manufacturing <br> (Hours) | 21. Average weekly overtime hours, production workers, manufacturing <br> (Hours) | 2. Accession rate, manufacturing <br> (Per 100 employees) | *5. Average weekly initia! claims for unemployment insurance, State programs ${ }^{1}$ <br> (Thous.) | 3. Layoff rate, manufacturing <br> (Per 100 employees) | 50. Number of job vacancies, mfg. (L) <br> (Thous.) | 46. Index of help-wanted advertising in newspaper $(\mathbf{1 9 6 7 = 1 0 0})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1970 |  |  |  |  |  |  |  |
| January . . . . . . . . . | 40.2 | 3.3 | 4.3 | 232 | 1.5 | 187 | 109 |
| February.......... | 40.2 | 3.2 | 4.4 | 250 | 1.6 | 170 | 109 |
| March. . . . . . . . . . . | 40.1 | 3.2 | 4.2 | 263 | 1.7 | 166 | 103 |
| April . . . . . . . . . . . . | 39.9 | 3.0 | 4.0 | 326 | 2.0 | 158 | 99 |
| May ............... | 39.8 | 3.0 | 4.1 | 313 | 1.8 | 151 | 95 |
| June............... | 39.9 | 3.0 | 4.0 | 303 | 1.9 | 123 | 92 |
| July . . . . . . . . . . . . | 40.1 | 3.0 | 4.1 | 265 | 1.6 | 126 | 91 |
| August. . . . . . . . . . | 39.8 | 2.9 | 4.1 | 288 | 1.8 | 137 | 89 |
| September . . . . . . . . | 39.3 | 2.8 | 3.8 | 338 | 1.9 | 118 | 85 |
| October . . . . . . . . . . | 39.4 | 2.8 | 3.6 | 341 | 2.1 | 93 | 77 |
| November . . . . . . . . | 39.6 | 2.7 | 3.7 | 338 | 2.0 | 75 | 78 |
| December .......... | 39.5 | 2.7 | 3.8 | 297 | 1.8 | 76 | 80 |
| 1971 |  |  |  |  |  |  |  |
| January . . . . . . . . . | 39.8 | 2.8 | 3.8 | 289 | 1.7 | 81 | 75 |
| February........... | 39.8 | 2.8 | 3.7 | . 283 | 1.5 | 80 | 77 |
| March. ............. | 39.8 | 2.9 | 3.9 | 293 | 1.5 | 83 | 78 |
| Apri! .............. | 39.8 | 2.9 | 4.0 | 281 | 1.6 | 93 | 78 |
| May ............... | 40.0 | 3.0 | 3.8 | 292 | 1.5 | 94 | 79 |
| June............... | 40.0 | 2.9 | 3.7 | 296 | 1.5 | 90 | 83 |
| July . . . . . . . . . . . . | 40.0 | 3.0 | 3.7 | 280 | 1.5 | 90 | 85 |
| August. ............ | 39.8 | 2.9 | 4.2 | 312 | 1.9 | 106 | 85 |
| September.......... | 39.5 | 2.8 | 3.9 | 312 | 1.7 | 98 | 80 |
| October............ | 39.8 | 3.0 | 3.6 | 302. | 1.4 | 90 | 80 |
| November . . . . . . . . | 40.1 | 3.0 | 4.1 | 293 | 1.4 | 79 | 81 |
| December ......... | 40.3 | 3.1 | 3.9 | 270 | 1.4 | 78 | 85 |
| 1972 |  |  |  |  |  |  |  |
| January . . . . . . . . . . | 40.0 | 2.9 | 4.4 | 261 | 1.3 | 90 | 85 |
| February........... | 40.5 | 3.2 | 4.5 | 257 | $1.2$ | r97 | 87 |
| March. .............. | 40.4 | 3.3 | (H) P4.6 | 259 | (H) 21.2 | (H)plll | 90 |
| April $\qquad$ <br> May <br> June. | (H) p 40.8 | (H) p 3.4 | (NA) | (H) P 257 | (NA) | (NA) | (H) p 93 |
| July ............... |  |  |  |  |  |  |  |
| August............. |  |  |  |  |  |  |  |
| October . . . . . . . . . . |  |  |  |  |  |  |  |
| November ............ December |  |  |  |  |  |  |  |

NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Current high values are indicated by $[\vec{H}]$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by H). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. Series
 and "NA", not available.

Graphs of these series are shown on pages 20,21, and 39 .
${ }^{1}$ Data exclude Puerto Rico which is included in figures published by source agency.

| MAJOR ECONOMIC PROCESS ..... | BI EMPLOYMENT AND UNEMPLOYMENT-Con. |  |  |
| :---: | :---: | :---: | :---: |
| TIMING CLASS . . . | ROUGHLY COINCIDENT INDICATORS--Con. |  | LAGGING INDICATORS |
| Minor Economic Process. . . . | Comprehensive Employment | Comprehensive Unemployment | Long-Duration Unemployment |



NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Current high values are indicated by $(\mathbb{H}$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by H). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. Series preceded by an asterisk (*) are included in the 1966 NBER "short list" of indicators (chart B8). The "r" indicates revised; " $p$ ", preliminary; " $e$ ", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on pages $21,22,41$, and 42. ${ }^{1}$ Beginning with January 2972, the 1970 Census is used as the benchnark for computing this series. Prior to January 1972, the 1960 Census is used as the benchmark. ${ }^{2}$ Data exclude Puerto Rico which is included in figures published by source agency. Wo current high.

| MAJOR ECONOMIC PROCESS | B2. PRODUCTION, INCOME, CONSUMPTION, AND TRADE |  |  |
| :---: | :---: | :---: | :---: |
| TIMING CLASS . . . | ROUGHLY COINCIDENT INDICATORS |  |  |
| Minor Economic Process. . . . . . . . . | Comprehensive Production | Comprehensive Income | Comprehensive Consumption and Trade |


| Year and month | *200. Gross national product in current ciollars <br> (Ann, rate, bil. dol.) | *205. Gross national product in 1958 dollars <br> (Ann, rate, bil. dol.) | *4. Index of industrial pro" duction$(1967=100)$ | *52. Personal income <br> (Ann. rate, bil. dol.) | 53. Wages and salaries in mining, manufacturing and construction <br> (Ann. rate, bil. dol.) | *56. Manufacturing and trade sales <br> (Mil. dol.) | 57. Final sales (series 200 minus series 245) <br> (Ann. rate, bil. dol.) | Sales of retail stores |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | 54. Current dollar sales | 59. Deflated (1967 doliar) sales |
|  |  |  |  |  |  |  |  | - (Mil. dol.) | (Mil. dol.) |
| 1970 |  |  |  |  |  |  |  |  | Revised ${ }^{2}$ |
| January. |  | -•• | 107.4 | 780.1 | 198.5 | 104,904 |  | 30,334 | 27,225 |
| February. | 956.0 | 719.8 | 108.0 | 783.5 | 198.2 | 105,870 | 955.6 | 30,669 | 27,373 |
| March.... | - | . | 107.6 | 789.4 | 200.2 | 105,657 | ... | 30,695 | 27,353 |
| April . | $\cdots$ | $\cdots$ | 107.5 | 808.0 | 198.7 | 104,807 | -•• | 31,005 | 27,509 |
| May .. | 968.5 | 721.1 | 107.5 | 802.0 | 197.1 | 106,758 | 966.5 | 31,198 | 27,584 |
| June.. | ... | ... | 107.6 | 801.4 | 197.4 | 107,389 | ... | 31,293 | 27,627 |
| July.. | 930. | $\because$ | 107.5 | 805.3 | 198.3 | 107,626 |  | 31,601 | 27,825 |
| August... | 983.5 | 723.3 | 107.5 | 809.0 | 198.5 | 108,052 | 978.4 | 31,710 | 27,892 |
| September. | ... | ... | 106.5 | 814.9 | 198.0 | 107,738 | ... | 31,951 | 27,978 |
| October. |  | $\cdots$ | 103.7 | 813.6 | 193.4 | 105,610 | - $\cdot \cdot$ | 31,621 | 27,571 |
| November. | 988.4 | 715.9 | 102.6 | 815.7 | 193.4 | 104,485 | 984.7 | 31,282 | 27,204 |
| December | ... | ... | 104.6 | 820.9 | 198.9 | 106,943 | . | 31,761 | 27,503 |
| 1971 |  |  |  |  |  |  |  |  |  |
| January. |  | $\cdots$ | 105.3 | 829.9 | 199.1 | 109,346 |  | 32,290 | 27,925 |
| February. | 1,020.8 | 729.7 | 105.7 | 832.4 | 198.4 | 111,166 | 1,017.7 | 32,850 | 28,356 |
| March. ..... | ... | ... | 105.5 | 838.3 | 199.8 | 112,740 | ... | 33,274 | 28,603 |
| April ... | $\cdots$ | $\cdots$ | 106.2 | 843.0 | 200.9 | 113,155 | 1,0.0 | 33,578 | 28,798 |
| May . . . . . | 1,040.0 | 735.8 | 107.0 | 848.6 | 202.6 | 114,303 | 1,035.4 | 33,502 | 28,585 |
| June... | . | -•• | 107.2 | 868.6 | 202.9 | 115,531 | ... | 33,827 | 28,750 |
| July ... |  | $\cdots$ | 106.1 | 857.7 | 201.5 | 114,727 |  | 33,688 | 28,583 |
| August..... | 1,053.4 | 740.7 | 105.3 | 866.1 | 201.9 | 115,064 | 1,054.6 | 34,655 | 29,349 |
| September.. | -• | ... | 106.2 | 869.9 | 203.3 | 115,660 | ... | 35,219 | 29,791 |
| October.. |  |  | 106.4 | 871.2 | 204.0 | 114,687 |  | 34,964 | 29,560 |
| November . . | 1,072.9 | 751.3 | 107.0 | 874.9 | 204.7 | 117,374 | 1,070.4 | 35,574 | 30,020 |
| December ... | -• | ... | 107.6 | 883.9 | 208.1 | 116,964 | ... | 34,896 | 29,379 |
| 1972 |  |  |  |  |  |  |  |  |  |
| January .... |  |  | r108. 4 | 892.8 | 209.9 | 120,587 |  | 34,886 | 29,331 |
| February... | (H) $21,103.6$ | (H) r 761.6 | r109.2 | 901.8 | 213.0 | r120,743 | (H)rl,103.0 | r 35,345 | 29,513 |
| March. ..... |  |  | r109.8 | r905.6 | r215.4 | (H) pl22,558 |  | (H) $\mathrm{r} 36,402$ | ([B) 30,350 |
| April ........ <br> May |  |  | (H) pllo.9 | H) 9909.7 | (1-1) p216.9 | (NA) |  | p35,853 | p29,902 |
| June. . . . . . . . |  |  |  |  |  |  |  |  |  |
| July......... |  |  |  |  |  |  |  |  |  |
| August..... |  |  |  |  |  |  |  |  |  |
| September... |  |  |  |  |  |  |  |  |  |
| October..... |  |  |  |  |  |  |  |  |  |
| November ... |  |  |  |  |  |  |  |  |  |
| December ... |  |  |  |  |  |  |  |  |  |

NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (a). Current high values are indicated by $[\boldsymbol{H}$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by $[H]$. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. Series preceded by an asterisk ( ${ }^{*}$ ) are included in the 1966 NBER "short list" of indicators (chart B8). The " r " indicates revised; " p ", preliminary; " e ", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on pages 23, 24, and 41.
${ }^{1}$ See "New Features and Changes for This Issue," page iii.

B CYCLICAL INDICATORS-Economic Process and Cyclical Timing

| MAJOR ECONOMIC <br> PROCESS $\ldots . . .$. | B3 FIXED CAPITAL INVESTMENT |  |
| :---: | :---: | :---: |
| TIMING CLASS $\ldots .$. |  | LEADING INDICATORS |
| Minor ECOnomic <br> Process......... | Formation of Business <br> Enterprises | New Investment Commitments |



NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Current high values are indicated by $[\mathbf{H}$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by $[\mathbf{H}$. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. Series preceded by an asterisk ( ${ }^{*}$ ) are included in the 1966 NBER "short list" of indicators (chart B8). The " $r$ " indicates revised; " $p$ ", preliminary; " e ", estimated; " $a$ ", anticipated; and "NA", not available.

Graphs of these series are shown on pages 25,26 , and 39.
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| MAJOR ECONOMIC PROCESS | B3 | FIXED CAPITAL INVESTMENT-Con. |  | B4 INVENTORIES AND INVENTORY INVESTMENT |
| :---: | :---: | :---: | :---: | :---: |
| TIMING CLASS .... | LEADING INDICATORS--COn. | ROUGHLY COINCIDENT INDICATORS | LAGGING INDICATORS | LEADING INDICATORS |
| Minor Economic Process. | New Investment Commitments--Con. | Backlog of Investment Commitments | Investment Expenditures | Inventory Investment and Purchasing |



NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Current high values are indicated by $(H)$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by $(\mathbb{H}$. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. Series preceded by an asterisk (*) are included in the 1966 NBER "short list" of indicators (chart B8). The " $r^{n}$ indicates revised; " 0 ", preliminary; " e ", estimated; " $a$ ", anticipated; and "NA", not available.

Graphs of these series are shown on pages 26, 27, 28, 39, 40, and 42.
${ }^{1}$ This is a copyrighted series used by permission; it may not be reproduced without written permission from the conference Board. ${ }^{2}$ No current high.

B

| MAJOR ECONOMIC PROCESS | B4 INVENTORIES AND INVENTORY INVESTMENT--Con. |  | B5 | PRICES, CO | TS, AND PROFITS |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TIMING CLASS . . . | LEADING INDICATORS--Con. | LAGGING INDICATORS | LEADING INDICATORS |  |  |
| Minor Economic Process. . . . . . . . . | Inventory Investment and Purchasing--Con. | Inventories | Sensitive Com modity Prices | Stock Prices | Profits and Profit Margins |


| Year and month | 20. Change in book value, mfrs.' inventories of mtls. and supplies <br> (Ann. rate, bil. dol.) | 26. Production materials, com panies reporting commitments 60 days or longer (u) (Percent reporting) | 32. Vendor performance, companies reporting slower deliveries (2) <br> (Percent reporting) | 25. Change in unfilled orders, durable goods industries(Bil. dol.) | *71. Manufacturing and trade inventories, book value | 65. Manufacturers' inventories of finished goods book value(Bil. dol.) | *23. Index of industrial materials prices (1)$(1967=100)$ | *19. Index of stock prices, 500 common stocks (u)$(1941-43=10)$ | Corporate profits after taxes |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | 16. Current dollars | 18. Constant (1958)dollars |
|  |  |  |  |  |  |  |  |  | (Ann. rate, bil. dol.) | (Ann. rate, bil. dol.) |
| 1970 |  |  |  |  |  |  |  |  |  |  |
| January . | -1.2 | 61 | 56 | -0.21 | 166.69 | 31.62 | 118.9 | 90.31 |  |  |
| February.......... . | +2.2 | 62 | 58 | -0.92 | 167.69 | 32.00 | 119.5 | 87.16 | 41.5 | 32.7 |
| March.............. | +0.9 | 56 | 50 | -0.79 | 168.02 | 32.12 | 118.7 | 88.65 | ... | ... |
| April . . . . . . . . . . . | -0.9 | 60 | 52 | -0.95 | 169.16 | 32.67 | 118.2 | 85.95 | . | $\cdots$ |
| May ............... | -2.1 | 57 | 72 | -0.60 | 169.01 | 32.70 | 117.5 | 76.06 | 41.3 | 32.1 |
| June............... | +0.1 | 55 | 69 | -0.50 | 169.93 | 32.87 | 114.8 | 75.59 | ... | ... |
| July . . . . . . . . . . . . | +0.1 | 52 | 50 | -0.10 | 171.12 | 33.10 | 112.4 | 75.72 | . | $\cdots$ |
| August. . . . . . . . . . | +1.0 | 50 | 45 | -0.74 | 171.68 | 33.33 | 111.2 | 77.92 | 42.9 | 32.9 |
| September . . . . . . . . | +0.8 | 52 | 45 | -1.54 | 172.24 | 33.53 | 110.5 | 82.58 | ... | -•• |
| October............ | +2.9 | 54 | 38 | -1.37 | 172.59 | 33.94 | 109.5 | 84.37 | ... |  |
| November . . . . . . . . | +3.5 | 54 | 36 | -0.12 | 173.37 | 34.24 | 108.8 | 84.28 | 39.2 | 29.6 |
| December . . . . . . . . | +2.4 | 52 | 36 | +0.96 | 173.64 | 34.17 | 106.4 | 90.05 | ... | -•• |
| 1971 |  |  |  |  |  |  |  |  |  |  |
| January . . . . . . . . . | +0.6 | 52 | 38 | +1. 50 | 174.41 | 34.38 | 105.9 | 93.49 |  |  |
| February........... | -0.7 | (H) 59 | 44 | +0.22 | 174.83 | 34.49 | 107.2 | 97.11 | 44.8 | 33.5 |
| March. . . . . . . . . . . | -2.2 | 56 | 46 | -0.14 | 175.54 | (H)34.71 | 107.8 | 99.60 | ... | ... |
| April ............... | (H) +4.7 | 57 | 52 | -1.08 | 176.28 | 34.45 | 110.2 | 103.04 | -•• | $\cdots$ |
| May ............... | +2.4 | 55 | 53 | -1.25 | 177.05 | 34.46 | 108.6 | 101.64 | 47.8 | 35.3 |
| June............... | +3.2 | 58 | 50 | -1.98 | 177.40 | 34.31 | 106.1 | 99.72 | - | -• |
| July.............. | +2.0 | 57 | 48 | -0.16 | 177.65 | 33.95 | 104.7 | 99.00 | $\cdots$ | 5 |
| August. . . . . . . . . . | -2.2 | 55 | 49 | +0.30 | 178.16 | 34.00 | 106.1 | 97.24 | 48.2 | 35.3 |
| September......... | -4.6 | 52 | 48 | -0.52 | 178.92 | 34.21 | 107.5 | 99.40 | -• | $\cdots$ |
| October. . | +0.3 | 51 | 50 | -0.04 | 179.47 | 34.63 | 107.4 | 97.29 | $\because \cdot$ | $\cdots$ |
| November . . . . . . . . | +0.9 | 50 | 48 | +0.45 | 179.41 | 34.50 | 106.9 | 92.78 | 49.7 | 36.3 |
| December ......... | +1.7 | 45 | 51 | +0.28 | 179.94 | 34.30 | 106.8 | 99.17 | -•• | . . |
| 1972 |  |  |  |  |  |  |  |  |  |  |
| January . . . . . . . . . | +0.3 | 53 | 52 | (H) +1.53 | 180.47 | 34.16 | 110.7 | 103.30 | $\cdots$ | . |
| February . . . . . . . . . . | +0.6 | 55 | 52 | $+0.50$ | r180.86 | 34.32 | 113.0 | 105.24 | (H)p52.3 | Wpp37.8 |
| March. . . . . . . . . . . | -3.2 | 56 | 58 | r +0.50 | (H)pl81.12 | 34.53 | 117.2 | 107.69 |  |  |
| April .............. | (NA) | 51 | (H) 58 | p+0.19 | (NA) | (NA) | 119.5 | (H) 108.81 |  |  |
| May ............... |  |  |  |  |  |  | (H) ${ }^{1} 124.3$ | ${ }^{2} 106.10$ |  |  |
| June.............. |  |  |  |  |  |  |  |  |  |  |
| July............... |  |  |  |  |  |  |  |  |  |  |
| August. ........... |  |  |  |  |  |  |  |  |  |  |
| September......... . |  |  |  |  |  |  |  |  |  |  |
| October . . . . . . . . . . |  |  |  |  |  |  |  |  |  |  |
| November ......... December ........ |  |  |  |  |  |  |  |  |  |  |

NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (1). Current high values are indicated by $\mathbb{H}$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by $\left[\begin{array}{|cc|}\hline\end{array}\right.$. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. Series preceded by an asterisk (*) are included in the 1966 NBER "short list" of indicators (chart B8). The " $r$ " indicates revised; " $p$ ", preliminary; " $e$ ", estimated: " $a$ ", anticipated; and "NA", not available.

Graphs of these series are shown on pages $28,29,30,40$, and 42.
${ }^{1}$ Average for May 2, 9 and 16. $\quad{ }^{2}$ Average for May 3, 10, and 17.

| MAJOR ECONOMIC PROCESS ....... | B5 PRICES, COSTS, AND PROFITS-CON. |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| TIMING CLASS .... | LEADING INDICATO |  | ROUGHLY COINCIDENT INDICATORS | LAGGING INDICATORS |
| Minor Economic Process. . . . | Profits and Profit Margins--Con. | Cash Flow | Comprehensive Wholesale Prices | Unit Labor Costs |


| Year <br> and <br> month | 22. Ratio, profits to income orig., corp., all indus. <br> (Percent) | 15. Profits (after taxes) per dollar of sales, all mfg . corp. <br> (Cents) | *17. Ratio, price to unit labor cost index, mfg.$(1967=100)$ | Net cash flow, corporate |  | 55. Index of wholesale prices, indus. commod. (1)$(1967=100)$ | 58. Index of wholesale prices, mfd. goods (1)$(1967=100)$ | Unit labor cost, total private economy |  | 68. Labor cost (cur. dol.) per unit of gross prod. (1958 dol.), corp. (Dollars) | $\begin{array}{\|l} \begin{array}{l} \text { * } 62 \text {. Index } \\ \text { of labor } \\ \text { cost per } \\ \text { unit of out• } \\ \text { put, mfg. } \end{array} \\ (1967 \approx 100) \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 34. Current dollars <br> (Ann. rate, (bil. dol.) | 35. Constant (1958) dol. <br> (Ann. rate, bil. dol.) |  |  | 63, Index $(1967=100)$ | 63c. Change over l-Q spans (Ann. rate, percent) |  |  |
| 1970 |  |  |  |  |  |  |  |  |  |  |  |
| January ... |  |  | 96.5 |  |  | 108.3 | 108.8 | . $\cdot$ | 9.7 | -•• | 112.7. |
| February .... | 8.5 | 4.1 | 97.2 | 71.0 | 55.9 | 108.7 | 109.1 | 117.7 | ... | 0.798 | 111.9 |
| March... | ... | ... | 97.2 | ... | ... | 108.9 | 109.3 | ... | -•• | ... | 112.3 |
| April | $\ldots$ | -* | 97.0 | $\cdots$ |  | 109.3 | 109.6 | $\cdots$ | 1.6 | ... | 112.8 |
| May.. | 8.5 | 4.2 | 97.6 | 72.0 | 56.0 | 109.7 | 109.7 | 118.1 | ... | 0.801 | 112.4 |
| June....... | ... | -• | 97.4 | ... | - | 109.8 | 110.0 | ... | . . | ... | 112.8 |
| July ... | -0. | $\cdots$ | 97.4 | $\cdots$ | -.. | 110.0 | 110.6 | - | 3.1 | -•• | 113.3 |
| August... | 8.7 | 4.0 | 97.1 | 74.4 | 56.9 | 110.2 | 110.6 | 119.0 | $\cdots$ | 0.811 | 114.1 |
| September.. | -•• | -•• | 96.8 | ... | ... | 110.4 | 110.8 | ... | . . . | ... | 114.6 |
| October... | $\cdots$ | $\cdots$ | 96.9 | $\cdots$ | . | 111.3 | 111.2 | ... | 6.0 | -•• | 114.9 |
| November . . | 7.9 | 3.6 | 96.3 | 72.3 | 54.1 | 111.3 | 111.2 | 120.7 | ... | 0.829 | 115.6 |
| December .. | -•• | -.. | 96.4 | ... | ... | 111.7 | 111.2 | ... | -• | -•• | 115.5 |
| 1971 |  |  |  |  |  |  |  |  |  |  |  |
| January . | $\cdots$ | -•• | 96.5 |  |  | 112.2 | 111.8 | -•• | 2.1 | -•• | 116.0 |
| February. | 8.7 | 4.0 | 97.1 | 78.6 | 58.3 | 112.5 | 112.4 | 121.4 | ... | 0.822 | 115.6 |
| March... | -• | ... | 97.0 | ... | ... | $\underline{-12.8}$ | 112.7 | - | . . | ... | 116.1. |
| April. | $\cdots$ |  | 97.4 |  | $\ldots$ | 113.3 | 113.0 | . | 4.1 | . | 115.9 |
| May ... | 8.9 | (H) 4.3 | 97.9 | 83.3 | 60.9 | 213.7 | 113.5 | 122.6 | ... | 0.828 | 116.0 |
| June... | -• | $\cdots$ | 97.6 | -•• | ... | 213.9 | 113.8 | ... | ... | -• | 116.5 |
| July....... | $\cdots$ | $\cdots$ | 97.7 | … | 6i. | 114.5 | 114.5 | -•• | 2.2 |  | 117.0 |
| August. ... | 9.3 | 4.2 | 97.6 | 85.2 | 61.5 | 1.15 .1 | 114.9 | 123.3 | ... | 0.832 | 11.8 .1 |
| September.. | -•* | $\cdots$ | 98.2 | ... | ... | 115.0 | 114.7 | ... | . . | ... | 116.9 |
| October | $\cdots$ | $\cdots$ | 98.0 | $\ldots$ | … | 1.15 .0 | 114.5 |  | 1.0 |  | 116.9 |
| November . | 9.2 | 4.0 | 98.2 | 88.8 | 64.3 | 114.9 | 114.5 | 123.6 | ... | 0.829 | 116.8 |
| December | -•• | -•• | 77.8 | ... | ... | 115.3 | 115.1 | -•• | ... | . $\cdot$ | 117.9 |
| 1972 |  |  |  |  |  |  |  |  |  |  |  |
| January .... |  |  | (H)r98.2 |  |  | 115.9 | 115.7 |  | (H) r 6.2 |  | 2.117.9 |
| February... | (H)p9.6 | (NA) | r97.6 | (1) p92.8 | (H) P 66.3 | 116.5 | 116.5 | (H) 125.5 | (H) 6.2 | Hp0. 836 | r119.3 |
| March.... |  |  | 97.4 |  |  | 116.9 | 116.7 |  |  |  | p.119.7 |
| April ........ |  |  | p96.8 |  |  | (H) 1.17 .3 | (H)116.9 |  |  |  | (H)pl20.7 |
| May . . . . . . . |  |  |  |  |  |  |  |  |  |  |  |
| June......... |  |  |  |  |  |  |  |  |  |  |  |
| July........ |  |  |  |  |  |  |  |  |  |  |  |
| August. ..... |  |  |  |  |  |  |  |  |  |  |  |
| September... |  |  |  |  |  |  |  |  |  |  |  |
| October.... |  |  |  |  |  |  |  |  |  |  |  |
| November . ${ }^{\text {D }}$, December . |  |  |  |  |  |  |  |  |  |  |  |

NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Current high values are indicated by $H$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by (H). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. Series preceded by an asterisk (*) are included in the 1966 NBER "short list" of indicators (chart B8). The "r" indicates revised; " $\mathrm{p}^{\prime \prime}$, preliminary; " $\mathrm{e}^{\mathrm{n}}$, estimated; " a ", anticipated; and " $N A^{\text {" }}$, not available. Graphs of these series are shown on pages $30,31,32,40$, and 42.

| MAJOR ECONOMIC <br> PROCESS ....... | B6. MONEY AND CREDIT |  |
| :--- | :---: | :---: |
| TIMING CLASS .... | LEADING INDICATORS |  |
| Minor Economic <br> Process........ | Flows of Money and Credit | Credit Difficulties |


| Year and month | 85. Change in U.S. money supply (M1) <br> (Ann. rate, percent) | 102. Change in money supply plus time deposits at comm banks (M2) <br> (Ann. rate, percent) | 103. Change in money sup. plus time dep, at banks and nonbank inst. (M3) (Ann. rate, percent) | 33. Net change in mortgage debt he ld by fin. inst, and life in surance ${ }^{1}$ <br> (Ann. rate, bil. dol.) | *113. Net change in consumer installment debt <br> (Ann. rate, bil. dol.) | 112. Change in business loans <br> (Ann. rate, bil. dol.) | 110. Total private borrowing <br> (Ann. rate, mil. dol.) | 14. Current liabilities of business failures (L) <br> (Mil. dol.) | 39. De linquency rate, 30 days and over, total insta liment loans <br> (Percent) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1970 |  |  |  |  |  |  |  |  |  |
| January........... . | +10.60 | $+5.27$ | +3.06 | +19.04 | +4.56 | -1.92 |  | 137.28 |  |
| February . . . . . . . . . | -4.67 | -3.40 | -2.24 | +15.41 | +5.02 | +12.29 | 78,312 | 139.39 | 1.80 |
| March. . . . . . . . . . . . | $+11.72$ | +9.29 | +7.13 | +15.16 | +2.38 | +2.80 | ... | 120.02 | ... |
| April . . . . . . . . . . . | +9.29 | +10.76 | $+9.32$ | +15.76 | +3.55 | +3.70 | . | 131.90 | 1.80 |
| May . . . . . . . . . . . . | +4.03 | +7.01 | +6.64 | +18.36 | +4.98 | +5.65 | 87,700 | 147.89 |  |
| June............... | +2.30 | +5.75 | +5.80 | +19.22 | +5.29 | +2.15 | . . | 170.50 | 1.82 |
| July.............. | +5.16 | +10.85 | +10.75 | +21.06 | +5.32 | +2.15 |  | 251.92 |  |
| August............. | $+7.42$ | $+11.65$ | +10.85 | +20.02 | +2.78 | +7.45 | 82,444 | 169.59 | 1.88 |
| September ......... | +6.81 | +10.65 | +10.16 | +22.42 | +4.31 | +0.12 | ... | 232.94 | -•• |
| October . . . . . . . . . . | +1.69 | +8.21 | +9.30 | +22.70 | -0.98 | -18.97 | $\cdots$ | 144.77 | 1.88 |
| November . . . . . . . . | +2.82 | $+6.70$ | +7.69 | +20.72 | -3.62 | -8.00 | 90,600 | 119.84 | ... |
| December . . . . . . . . | +6.74 | +11.30 | +11.66 | +27.11 | +0.25 | -4.99 | ... | 121.72 | 1.87 |
| 1971 |  |  |  |  |  |  |  |  |  |
| January . . . . . . . . . | +2.79 | +14.06 | +15.52 | +24.11 | $+1.04$ | -3.97 |  | 168.80 |  |
| February . . . . . . . . . | $+13.38$ | (H)+20.70 | (H) +20.93 | $\underline{+23.05}$ | $+1.22$ | +5.69 | 113,456 | 150.90 | 1.81 |
| March. ............ | +11.02 | +18.68 | +19.28 | +29.71 | +5.94 | +1.70 | , | 224.65 | -• |
| April .............. | +8.19 | +12.08 | +15.54 | +31.19 | $+7.96$ | -8.26 | ii | 153.80 | 1.72 |
| May . . . . . . . . . . . . | $(\mathrm{H})+14.10$ | +13.86 | +15.17 | +34.76 | +5.92 | +6.64 | 128,148 | 249.49 | ... |
| June.............. | +9.12 | +10.75 | +11.98 | +40.27 | +6.30 | -0.18 | ... | 165.84 | 1.81 |
| July . . . . . . . . . . . . | $+10.11$ | +7.46 | +10.47 | +43.98 | $+9.13$ | -7.20 |  | 347.03 | -•• |
| August. ............ | +3.17 | +2.91 | $+6.57$ | +43.94 | +9.92 +17.99 | +16.03 | (H) 142,852 | 155.56 | 1.75 |
| September......... | -2.11 | +2.90 | +6.19 | +40.69 | +11.99 | (H) +20.42 | ... | 115.85 | -•• |
| October........... | +0.53 | +7.11 | $+9.07$ | $+36.52$ | $+11.09$ | -5.54 | $\cdots$ | 144.70 | 1.94 |
| November . . . . . . . . | 0.00 | $+6.55$ | +8.66 | $+38.96$ | +15.19 | -0.95 | p117,548 | 129.00 |  |
| December . . . . . . . . | +2.63 | +10.16 | +10.79 | (H) +48.28 | +10.80 | -4.58 | -• | 111.32 | (H) 1.68 |
| 1972 |  |  |  |  |  |  |  |  |  |
| January . . . . . . . . . | +3.16 | +13.43 | $+15.54$ |  |  |  |  | (H) 101.62 | $\cdots$ |
| February........... | +12.59 +11.94 | +14.30 +11.61 | +16.66 +13.83 | p+34. 28 | +11.59 +16.37 | +7.66 | (NA) | 191.33 | 1.73 |
| March. ............. | r+11.94 | +11.61 | r+13.83 | (NA) | $\underline{H}+26.37$ | +5.03 |  | 220.66 | ... |
| April <br> May | +8.22 -2.30 | $\begin{array}{r} \mathrm{p} 7.50 \\ 4.72 \end{array}$ | p+11.10 |  | (NA) | $\mathrm{p}+12.67$ +6.23 |  | 148.47 | (NA) |
| June.............. |  |  |  |  |  |  |  |  |  |
| July............... |  |  |  |  |  |  |  |  |  |
| August. ............ |  |  |  |  |  |  |  |  |  |
| September......... |  |  |  |  |  |  |  |  |  |
| October . . . . . . . . . |  |  |  |  |  |  |  |  |  |
| November . . . . . . . . December . . . . . . |  |  |  |  |  |  |  |  |  |

NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Current high values are indicated by $(\mathbb{H}$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by $[\mathbf{H}\rangle$. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. Series preceded by an asterisk (*) are included in the 1966 NBER "short list" of indicators (chart B8). The " $r$ " indicates revised; " $p$ ", preliminary; " $e^{n}$ ", estimated; " $a$ ", anticipated; and "NA", not available.

Graphs of these series are shown on pages 33, 34 and 40.
${ }^{1}$ Beginning with October 1970, data include conventional mortgages held by the Government National Mortgage Association.
${ }^{2}$ Average for weeks ended May 3 and 10.

B

| MAJOR ECONOMIC PROCESS . | B6 MONEY AND CREDIT--Con. |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| TIMING CLASS .... | ROUGHLY COINCIDENT INDICATORS |  | LAGGING INDICATORS |  |
| Minor Economic Process.......... | Bank Reserves | Money Market Interest Rates | Outstanding Debt | Interest Rates on Business Loans and Morgages |



NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Current high values are indicated by $(\mathbb{H})$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by (H). Series numbers are for identification only and do not reflect series relationships or order. Complete tities and sources are shown at the back of the book. Series preceded by an asterisk (") are included in the 1966 NBER "short list" of indicators (chart B8). The " r " indicates revised; " p ", preliminary; " e ", estimated; " a ", anticipated; and "NA", not available. Graphs of these series are shown on pages 35 , 36 and 42.
${ }^{1}$ No current high. ${ }^{2}$ The survey in which these data are collected was revised, beginning with the lst quarter 1971; thus, data from that point are not strictly comparable with earlier data. ${ }^{3}$ Average for weeks ended May 3, 10, and 17. "Average for weeks ended May 6, 13 and $20 .{ }^{5}$ Average for weeks ended May 5, 12, and 19. ${ }^{6}$ Average for weeks ended May 4, 11, and 18. 7Average for weeks ended May 3 and 10.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (a). Current high values are indicated by $\widehat{H}$; for series that move counter to movements in general business activity (series $3,5,14,39,40,43,44,45$, and 93 ), current low values are indicated by [H). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. Series preceded by an asterisk (*) are included in the 1966 NBER "short list" of indicators (chart B8). The "r" indicates revised; " $p$ ", preliminary; " $e^{n}$, estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on pages 37 and 38.
${ }^{1}$ Reverse trend adjusted index of 12 leaders contains the same trend as the index of 5 coincident indicators.
${ }^{2}$ Data beginning with January 1971 are not strictly comparable with earlier data because of technical changes in the collection of data for one of the components (series 67).
${ }^{3}$ Excludes series $12,16,31$, and 113 for which data are not yet available.
${ }^{4}$ Excludes series 56 for which data are not yet available.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The "r" indicates revised; " p ", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on pages 43,44 , and 45.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by ©. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The "r" indicates revised; " p ", preliminary; " e ", estimated; " a ", anticipated; and "NA", not available.

Graphs of these series are shown on pages 46 and 47.
${ }^{1}$ This is a copyrighted series used by permission; it may not be reproduced without written permission from Dun \& Bradstreet, Inc.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (a). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " $r$ " indicates revised; " $p$ ", prelininary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on page 48.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are incidated by@. Series numbers are for identification only and donot reflect series relationships or order. Complete titles and sources are shown at the back of the book. The "r" indicates revised, " p ", preliminary; "e", estimates; "a', anticipated; and "NA", not available; SDR indicates Special Drawing Rights.

Graphs of these series are shown on pages 49, 50, and 51.
${ }^{1}$ Amount outstanding at end of quarter. ${ }^{2}$ Reserve position at end of quarter. ${ }^{3}$ Balance of payments basis: Excludes transfers under military grants and Department of Defense sales contracts (exports) and Department of Defense purchases (imports). ${ }^{4}$ Data for first quarter 1970 through 3d quarter 1971 are not comparable with earlier data. ${ }^{5}$ See ( ${ }^{5}$ ) on page g象.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " r " indicates revised; " p ", preliminary; " e ", estimated; " a ", anticipated; and " $N A^{\text {" }}$, not available.

Graphs of these series are shown on pages 52 and 53.
${ }^{5}$ For series 532, page 87: Data for 4th quarter reflect increases resulting from revaluations under the Smithsonian Agreement of December 18, 1971, the inclusion of new reporting banks, and the reclassification of certain accounts previously classified


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Series numbers are for identification only. and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " r " indicates revised; " p ", preliminary; " e ", estimated; " a ", anticipated; and "NA", not available.

Graphs of these series are shown on pages 54 and 55.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline \multirow{4}{*}{Year and month} \& \multicolumn{8}{|c|}{D4 PRICE MOVEMENTS} \\
\hline \& \multicolumn{2}{|l|}{Fixed weighted price index, gross private product} \& \multicolumn{6}{|c|}{Consumer price indexes} \\
\hline \& \multirow[t]{2}{*}{211. Index
\[
(1958=100)
\]} \& \multirow[t]{2}{*}{\begin{tabular}{l}
211c. Change over l-quarter spans \({ }^{1}\) \\
(Ann. rate, percent)
\end{tabular}} \& \multicolumn{3}{|c|}{All items} \& \multirow[t]{2}{*}{782. Food

$(1967=100)$} \& \multirow[t]{2}{*}{783. Commodities less food

$$
(1967=100)
$$} \& \multirow[t]{2}{*}{784. Services(1)

$$
(1967=100)
$$} <br>

\hline \& \& \& 781. Index (1)

\[
(1967=100)

\] \& | 781c. Change over 1 -month span ${ }^{1}$ |
| :--- |
| (Percent) | \& | 781c. Change over 6-month span $^{2}$ |
| :--- |
| (Ann. rate, percent) | \& \& \& <br>

\hline 1970 \& \& \& \& ${ }^{2}$ ) \& Revised ${ }^{2}$ \& Revised ${ }^{2}$ \& ( $^{\text {e }}$ ) \& <br>
\hline January . . . . . . . . . \& -•** \& 4.6 \& 113.3 \& 0.5 \& 6.7 \& 113.6 \& r110.2 \& 217.1 <br>
\hline February .......... . \& 128.4 \& . \& 113.9 \& 0.6 \& 6.4 \& 114.4 \& r110.6 \& 118.0 <br>
\hline March............. \& ... \& ... \& 114.5 \& 0.4 \& 5.9 \& 114.4 \& rll0.8 \& 119.3 <br>
\hline April .............. \& $\cdots$ \& 4.7 \& 115.2 \& 0.5 \& 5.5 \& 114.7 \& r111.5 \& 120.1 <br>
\hline May .............. \& 129.9 \& ... \& 115.7 \& r0.4 \& 4.8 \& 115.0 \& 112.0 \& 120.7 <br>
\hline June............... \& -•• \& - \& 116.3 \& 0.4 \& 5.1 \& 114.9 \& 112.4 \& 121.4 <br>
\hline July............... \& 131. \& 4.7 \& 116.7 \& 0.3 \& 5.0 \& 115.0 \& 112.6 \& 122.0 <br>
\hline August. ........... \& 131.4 \& ... \& 116.9 \& 0.3 \& 4.9 \& 115.1 \& 112.9 \& 122.7 <br>
\hline September . . . . . . . . \& ... \& ... \& 117.5 \& r0.6 \& 5.0 \& 115.6 \& 113.5 \& 123.5 <br>
\hline October . . . . . . . . . \& -•* \& 5.2 \& 118.1 \& 0.5 \& 5.0 \& 115.6 \& 114.0 \& 124.1 <br>
\hline November . . . . . . . . \& 133.1 \& ... \& 118.5 \& r0.4 \& 4.9 \& 115.7 \& 114.5 \& 124.9 <br>
\hline December . . . . . . . . \& ... \& -•• \& 119.1 \& r0.4 \& 4.1 \& 115.5 \& 115.3 \& 125.6 <br>
\hline 1971 \& \& \& \& \& \& \& \& <br>
\hline January........... . \& -••* \& 5.8 \& 119.2 \& 0.3 \& 3.6 \& 115.6 \& r 115.4 \& 126.3 <br>
\hline February ........... \& 135.0 \& . \& 119.4 \& 0.2 \& 3.9 \& 116.2 \& r 115.5 \& 126.6 <br>
\hline March............. \& . $\cdot$ \& $\cdots$ \& 119.8 \& 0.2 \& 3.8 \& 117.2 \& r115.7 \& 126.6 <br>
\hline April .............. \& 136. \& 5.0 \& 120.2 \& 0.3 \& 3.8 \& 117.9 \& r115.9 \& 126.8 <br>
\hline May ............... \& 136.6 \& ... \& 120.8 \& r0.5 \& 4.0 \& 118.3 \& 116.6 \& 127.5 <br>
\hline June.............. \& . . \& ... \& 121.5 \& r0.4 \& 3.9 \& 118.8 \& r116.9 \& 128.2 <br>
\hline July . . . . . . . . . . . \& 737* \& 3.6 \& 121.8 \& r0.3 \& 3.7 \& 119.0 \& 117.1 \& 128.8 <br>
\hline August. . . . . . . . . . . \& 137.8 \& - \& 122.1 \& 0.3 \& 3.0 \& 119.3 \& 117.5 \& 129.4 <br>
\hline September.......... \& . . \& ... \& 122.2 \& 0.1 \& 2.8 \& 119.0 \& 117.5 \& 129.8 <br>
\hline October. . . . . . . . . . \& \& 1.8 \& 122.4 \& r0.2 \& 2.9 \& 118.9 \& 117.5 \& 130.0 <br>
\hline November . . . . . . . . \& 238.4 \& ... \& 122.6 \& 0.2 \& 3.4 \& 119.8 \& 117.5 \& 130.4 <br>
\hline December ......... \& . $\cdot$ \& -•• \& 123.1 \& r0.3 \& 3.1 \& 120.5 \& r117.7 \& 130.8 <br>
\hline 1972 \& \& \& \& \& \& \& \& <br>
\hline January \& -•• \& r 4.4 \& \& \& 3.2 \& \& r117.9 \& 131.5 <br>
\hline February . . . . . . . . . . \& 139.9 \& \& 123.8 \& r0.6 \& \& 122.6 \& r 118.2 \& 131.8 <br>
\hline March. . . . . . . . . . . \& \& \& 124.0 \& 0.0 \& \& 122.6 \& r 118.4 \& 132.0 <br>
\hline April .............. \& \& \& 124.3 \& 0.2 \& \& 122.5 \& 118.6 \& 132.4 <br>
\hline  \& \& \& \& \& \& \& \& <br>
\hline July . . . . . . . . . . . \& \& \& \& \& \& \& \& <br>
\hline August. ............. \& \& \& \& \& \& \& \& <br>
\hline September......... \& \& \& \& \& \& \& \& <br>
\hline October........... \& \& \& \& \& \& \& \& <br>
\hline November December \& \& \& \& \& \& \& \& <br>
\hline
\end{tabular}

NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Series numbers are for identification only. and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " r " indicates revised; " p ", preliminary; " $e^{\prime}$, estimated; "an", anticipated; and "NA", not available.

Graphs of these series are shown on page 56.
${ }^{\text {Percent changes are centered within the spans: l-month changes are placed on the latest month, l-quarter changes are placed on }}$ lst month of the 2nd quarter, and 6 -month changes are placed on the 4 th month.
${ }^{\text {See }}$ "New Features and Changes for This Issue," page iii.

D OTHER KEY INDICATORS


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " $r$ " indicates revised; " $p$ ", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on page 57.
${ }^{1}$ Percent changes are centered within the spans: 1 -month percent changes axe placed on the 2nd month and 6 -month percent changes are placed on the 4th month.
See"New Features and Changes for This Issue;" page iii.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (a). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " $r$ " indicates revised; " $p$ ", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on page 58.
${ }^{1}$ Aditusted for overtime (in manufacturing only) and interindustry employment shifts.
${ }^{2}$ Percent changes are centered within the spans: 1-month changes are placed on the latest month, 1 -quarter changes are placed on the 1 st month of the 2nd quarter, 6 -month changes are placed on the 4 th month, and 4-quarter changes are placed on the middle month of the 3rd quarter. ${ }^{3}$ See "New Features and Changes for This Issue," page iii.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movemeni. Unadjusted series are indicated by (u). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " $r$ " indicates revised; " $p$ ", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on pages 58 and 59.
${ }^{1}$ Percent changes are centered within the spans: l-quarter changes are placed on the lst month of the 2nd quarter and 4-quarter changes are placed on the middle month of the 3rd quarter.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (@). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The "r $r$ " indicates revised; " $p$ ", preliminary; "e", estimated; " a ", antici pated; and "NA", not available.

Graphs of these series are shown on page 60.

| Year and quarter | E1 ACTUAL AND POTENTIAL GNP |  |  |
| :---: | :---: | :---: | :---: |
|  | Gross national product in constant (1958) dollars |  | 207. Gap (potentia! less actual) |
|  | 205. Actual value <br> (Ann. rate, bil. dol.) | 206. Potential level ${ }^{1}$ <br> (Ann. rate, bil. dol.) | (Ann. rate, bil. dol.) |
| 1969 |  |  |  |
| First quarter. . . . . . | 721.4 | 717.2 | -4.2 |
| Second quarter. . . . . | 724.2 | 724.3 | +0.1 |
| Third quarter. . . . . | 727.8 | 731.4 | $+3.6$ |
| Fourth quarter. . . . . 1970 | 725.2 | 738.6 | +13.4 |
| First quarter...... | 719.8 | 746.4 | +26.6 |
| Second quarter. . . . . | 721.1 | 754.3 | +33.2 |
| Third quarter. . . . . | 723.3 | 762.3 | +39.0 |
| Fourth quarter. . . . . $1971$ | 715.9 | 770.4 | +54.5 |
| First quarter...... | 729.7 | 778.5 | +48.8 |
| Second quarter. . . . . | 735.8 | 786.7 | +50.9 |
| Third quarter. . . . . Fourth quarter. . . . | 740.7 751.3 | 795.1 803.5 | +54.4 +52.2 |
| $1972$ | 51.3 | 803.5 | +52.2 |
| First quarter. . . . . . <br> Second quarter $\qquad$ <br> Third quarter. . . . . . <br> Fourth quarter. . . . . | 1761.6 | 812.0 | r +50.4 |

NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by ©. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The "r"indicates revised; " p ", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on page 61.
${ }^{1}$ Based on a trend line of 3.5 percent per year (intersecting actual line in middle of 1955) from lst quarter 1952 to 4 th quarter 1962, 3.75 percent from 4th quarter 1962 to the 4 th quarter 1965, 4 percent from 4th quarter 1965 to 4 th quarter 1969 and 4.3 percent from 4th quarter 1969 to lst quarter 1972.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are shown at the back of the book. The "r" indicates revised; " $p$ ", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on page 62.
${ }^{\prime}$ Beginning with January 1972, the 1970 Census is used as the benchmark for computing the unemployment component of this series. Prior to January 1972, the 1960 Census is used as the benchmark.


NOTE: Figures are the percent of series components rising (half of the unchanged components are considered rising). Data are centered within spans: 1 -month indexes are placed on latest month and 9 -month indexes are placed on the 6 th month of span; 1 -quarter indexes are placed on the 1st month of the 2 d quarter and 3 -quarter indexes are placed on the lst month of the 3d quarter. Seasonally adjusted components are used except in index D19 which requires no adjustment and index D34 which is adjusted only for the index. Table E4 identifies the components for most of the indexes shown. The "r" indicates revised; " $p$ ", preliminary; and " $N A^{\text {" }}$, not available.

Graphs of these series are shown on page 63.
${ }^{1}$ This is a copyrighted series used ty permission; it may not be reproduced without written permission from The Conference Board.
${ }^{2}$ Based on 75 components through March 1970, on 73 components through May 1970, and on 72 components thereafter. Component data are not shown in table $E 4$ but are available from the source agency.
${ }^{3}$ Average for May 2, 9 , and 16 .


NOTE: Figures are the percent of series components rising (half of the unchanged components are considered rising). Data are centered within spans: $1-m o n t h$ indexes are placed on latest month, $6-$ month indexes are placed in the 4 th month, and $9-m o n t h$ indexes are placed on the 6 th month of span. Seasonally adjusted components are used except in index D58 which requires no adjustment. Table E4 identifies the components for the indexes shown. The "r" indicates revised; " $\rho$ ", preliminary; and "NA", not available. Unadjusted series are indicated by(1).

Graphs of these series are shown on pages 63 and 64.
${ }^{1}$ Component data are not available for publication and therefore are not shown in table E4.
${ }^{2}$ Data beginning with August 1971 are not comparable with earlier data due to a revised sample.

E4 Selected Diffusion Index Components: Basic Data and Direction of Change


NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: $(+)=$ rising, $(0)=$ unchanged, and $(-)=$ falling. $N A=$ not available. $p=$ preliminary, $r=$ revised.
${ }^{2}$ Data are seasonally adjusted by the source agency.
${ }^{2}$ Data for most of the 35 diffusion index components are not available for publication; however, they are all included in the totals and directions of change for six major industry groups shown here.

E4 Selected Diffusion Index Components: Basic Data and Direction of Change--Con.

| Diffusion index components | 1971 |  |  |  | 1972 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September | October | November | December | January | February | March |  | April | May ${ }^{1}$ |
| D23. INDEX OF INDUSTRIAL MATERIALS PRICES ${ }^{2}$ |  |  |  |  |  |  |  |  |  |  |
| Industrial materials price index (1967=100) . . . . . . | + 107.5 | 107.4 | - 106.9 | - 106.8 | + 110.7 | + 113.0 | + 117.2 | + | 119.5 | $+124.3$ |
|  | (Dollars) |  |  |  |  |  |  |  |  |  |
| Percent rising of 13 components | (54) | (46) | (35) | (62) | (65) | (73) | (77) |  | (65) | (85) |
| Copper scrap (lb.). . . . . . . . . . . . . | . 451 | . 436 | - . 404 | $+\quad .414$ | $+\quad .421$ | + . 446 | + | - | . 430 | + .46 .5 |
| Lead scrap (lb.). . . . . . . . . . . . . . | - 0.056 | . 055 | $\bigcirc \quad .055$ | - 0.053 | - 053 | + 0.056 | $+\quad .063$ | - | . 063 | + .065 |
| Steel scrap (ton). . . . . . . . . . . . . | + 32.673 | + 35.522 | - 30.738 | - 29.774 | - 29.685 | $+30.000$ | $+35.130$ | + | 36.998 | - $34.21,3$ |
| Tin (lb.) ${ }^{\text {c }}$. . . . . . . . . . . . . . . . . . | 1.688 | 1.681 | + 1.691 | - 1.691 | + . 1694 | + 1.736 | $+1.814$ | - | 1.799 | + 1.8013 |
| Zinc ( b.$)$. | - . 170 | - . 170 | . 169 | + . 171 | . 170 | - . 170 | + . 173 | + | .176 | + .178 |
| Burlap (yd.) . . . . . . . . . . . . . . . . | + .192 | - .192 | . 187 | + . 208 | $+\quad .225$ | + . 237 | . 218 | + | . 227 | - .225 |
| Cotton (lb.), 12-market average | $+.291$ | + .294 | + . 302 | + . 327 | + 348 | . 354 | + 363 | + | . 383 | + . 396 |
| Print cloth (yd.), average . . . | . 265 | $+\quad .266$ | - . 264 | $+\quad .265$ | + . 269 | $+\quad .273$ | + . 281 | + | . 292 | + . 308 |
| Wool tops (lb.) . . . . . . | . 905 | . 903 | $+\quad .904$ | + $\quad .918$ | - . 914 | + .916 | + 1.128 | - | 1.126 | + 1.667 |
| Hides (Ib.)... | . 173 | + $\quad .174$ | + $\quad .185$ | - 1.185 | + ${ }^{\text {c }} .208$ | + $\quad .220$ | + ${ }^{\text {+ }}$. 261 | + | . 273 | + $\quad .283$ |
| Rosin (100 lb. ) . . . . . . . . . . . . . . | - 17.893 | - 17.745 | - 17.662 | - 1.7 .453 | - 17.419 | - 17.402 | + 17.837 | + | 18.419 | $+18.661$ |
| Rubber (b.) . . . . . . . . . . . . . . . . | . 178 | + .179 | . 177 | + .178 | + .185 | . 184 | . 169 | - | . 163 | + .168 |
| Tallow (lb.) | $+. .071$ | . 069 | . 067 | . 060 | + .062 | . 060 | . 057 | + | . 061 | + . 064 |
| D41. NUMBER OF EMPLOYEES ON NONAGRICULTURAL PAYROLLS ${ }^{3}$ (Thousands of employees) |  |  |  |  |  |  |  |  |  |  |
| All nonagricultural payrolis .. | + 70,853 | - 70,848 | + 71,042 | + 71,185 | + 71,584 | + r71,729 | + r71,990 |  | 72,172 |  |
| Percent rising of 30 components | (92) | (52) | (60) | (48) | (82) | (68) | (75) |  | (77) |  |
| Ordnance and accessories. | - 94 | 93 | - 92 | 90 | - 90 | - 89 | - 89 | + | 90 |  |
| Lumber and wood products ........ | + 509 | + 515 | + 519 | 516 | + 520 | - r519 | $\bigcirc \quad r 519$ | - | 509 |  |
| Furniture and fixtures. . . | $+383$ | $+\quad 384$ | $+388$ | $+\quad 391$ | + 395 | + 397 | + r399 | $\bigcirc$ | 399 |  |
| Stone, clay, and glass products. | $+\quad 502$ | - 502 | $+\quad 504$ | 502 | + 510 | + r511 | + r514 | + | 519 |  |
| Primary metal industries. . | + 926 | + 932 | 922 | 920 | + 934 | + r937 | + r961 | + | 965 |  |
| Fabricated metal products. | + 1,026 | 1,020 | - 1,018 | - 1,011 | + 1,016 | + r1,024 | + r1,036 | + | 1,041 |  |
| Machinery, except electrical ....... | + 1,175 | 1,171 | + 1,177 | - 1,174 | - 1,168 | + r1,178 | - r1,174 | + | 1,184 |  |
| Electrical equipment. . . . . . . . . . . | + 1,185 | + 1,190 | - 1,189 | + 1,191 | + 1,192 | + 1,205 | + r1,214 | + | 1,227 |  |
| Transportation equipment ......... | + 1,251 | 1,216 | $+1,230$ | 1,221 | - 1,219 | + r1,234 | + rl,245 | + | 1,261 |  |
| Instruments and related products . . . | + 260 | + 261 | 261 | 259 | $+\quad 260$ | $+\quad$ r261 | + r262 | + | 265 |  |
| Miscellaneous manufacturing. . . . . | $+\quad 319$ | 316 | 314 | $+\quad 319$ | $+325$ | + r330 | + 331 | $\bigcirc$ | 331 |  |
| Food and kindred products . . . . . . | + 1,185 | 1,256 | + 1,177 | - 1,175 | + 1,183 | - 1,177 | + r1,187 | + | 1,190 |  |
| Tobacco manufactures | + 58 | 56 | + 58 | - $\quad 57$ | + 58 | $\bigcirc \quad 58$ | + 61 | + | 62 |  |
| Textile mill products | + 842 | + 845 | + 851 | + 855 | + 862 | - 862 | + r868 | + | 871 |  |
| Apparel and other textile products. . | + 1,189 | + 1,193 | + 1,198 | 1,185 | 1,180 | + rl,190 | + rl,191 | + | 1,199 |  |
| Paper and allied products . . . . . . . | + 533 | 532 | 530 | - 529 | 528 | + 529 | + r533 | + | 535 |  |
| Printing and publishing. . . . . | + 661 | + 663 | 661 | - 661 | $+\quad 666$ | - r666 | - r666 | + | 669 |  |
| Chemicals and allied products. | + 582 | 581 | - 581 | 580 | + 581 | 578 | - r575 | + | 576 |  |
| Petroleum and coal products ...... | + 116 | - 116 | - 216 | $+\quad 118$ | - 114 | + 119 | - r117 | - | 115 |  |
| Rubber and plastic products, n.e.c. . | + 458 | + 460 | 458 | $+\quad 459$ | $+\quad 464$ | $+\quad \mathrm{r} 468$ | $+\quad r 476$ | + | 482 |  |
| Leather and leather products. . . . . . | 261 | 260 | + 261 | - 261 | + 262 | + r265 | - r265 | + | 268 |  |
| Mining. | + 616 | 521 | + 525 | $+607$ | + 616 | - r612 | - r611 | - | 603 |  |
| Contract construction . . . . . . . . . | $+3,250$ | + 3,290 | $+3,320$ | - 3,245 | + 3,320 | - r3,236 | + r3,262 | - | 3,235 |  |
| Transportation and public utilities. . | $+\quad 4,460$ | - 4,442 | - 4,434 | $+\quad 4,465$ | + 4,502 | - r4,479 | + r4,540 | + | 4,536 |  |
| Wholesale trade . . . . . . . . . . . . . . | + 3,865 | + 3,873 | - 3,874 | + 3,884 | + 3,902 | + r3,913 | + r3,936 | $+$ | 3,945 |  |
| Retail trade . . . . . . . . . . . . . . . . | + 11,408 | - 11,397 | + 11,404 | $+17,431$ | + 11,545 | + r11,582 | O r11,577 | + | 11,661 |  |
| Finance, insurance, real estate. . . . | + 3,821 | + 3,834 | + 3,851 | + 3,860 | + 3,872 | + r3,879 | + r3,889 | + | 3,902 |  |
| Service. . . . . . . . . . . . . . . . . . . . . . . | $+\quad 11,962$ $+\quad 2,674$ | + 11,996 | $+12,044$ $+\quad 2,669$ | $\begin{array}{r}+12,089 \\ \hline\end{array}$ | $+12,120$ $+\quad 2,675$ | + r12,177 | + r12,205 | $\bigcirc$ | 12,211 |  |
| Federal government . . . . . . . . . . . . | $+\quad 2,674$ $+\quad 10,181$ | $+\quad 2,675$ $+\quad 10,260$ | $+12,669$ $+\quad 10,318$ | 12,669 $+\quad 10,369$ | $+\quad 2,675$ $+\quad 10,423$ | + $\begin{array}{r}2,672 \\ + \\ \hline\end{array}$ | +rr2,669 | - | 2,669 10,555 |  |

NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: $(+)=$ rising, $(0)=$ unchanged, and $(-)=$ falling. $N A=$ not available. $\quad p=$ preliminary. $\quad r=$ revised.
${ }^{1}$ Average for May 2, 9, and 16.
${ }^{2}$ Series components are seasonally adjusted by the Bureau of the census. The industrial materials price index is not seasonally adjusted.
${ }^{3}$ Data are seasonally adjusted by the source agency. Data for latest month shown are preliminary.

E4 Selected Diffusion Index Components: Basic Data and Direction of Change.-Con.


NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: $(+)=$ rising, $(0)=$ unchanged, and $(-)=$ falling. $N A=$ not available $. \quad p=$ preliminary $. \quad r=$ revised
${ }^{1}$ Data are seasonally adjusted by the source agency.
${ }^{2}$ Where actual data for separate industries are not available, estimates are used to compute the percent rising.

E4 Selected Diffusion Index Components: Basic Data and Direction of Change-Con.

| Diffusion index components | 1971 |  |  |  | 1972 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September | October | November | December | January | February | March | April |
| D54. SALES OF RETAIL STORES ${ }^{1}$ (Millions of dollars) |  |  |  |  |  |  |  |  |
| All retail sales. | + 35,219 | - 34,964 | + 35,574 | - 34,896 | - 34,886 | + r35,345 | $+36,402$ | - 35,853 |
| Percent rising of 23 components ${ }^{2}$. . . . . . . . . | (39) | (48) | (78) | (37) | (46) | (72) | (78) | (NA) |
| Grocery stores | + 6,993 | - 6,851 | $+6,944$ | + 6,994 | - 6,860 | + r7,133 | + 7,210 | (NA) |
| Eating and drinking places | - 2,573. | + 2,632 | + 2,677 | + 2,746 | - 2,745 | - r2,714 | + 2,796 | (NA) |
| Department stores. . . . . . . . . | $+3,618$ | - 3,554 | $+3,641$ | - 3,607 | - 3,578 | + r3,650 | $+3,707$ | (NA) |
| Mail-order houses (department store inerchandise)... | - 370 | $+382$ | + 395 | - 345 | + 396 | $+\quad \mathbf{r} 399$ | $+\quad 407$ | (NA) |
| Variety stores . . . . . . . . . . . . . . . . . . . . . . . . | 571 | 568 | + 577 | 572 | + 599 | $+\quad r 617$ | + 628 | (NA) |
| Men's and boys' wear stores . . . . . . . . . . . . . . . . . | 385 | 384 | + 397 | 388 | + 390 | $+\quad r 409$ | + 416 | (NA) |
| Women's apparel, accessory stores . . . . . . . . . . . . | 666 | 665 | + 699 | 715 | 677 | - r673 | - 670 | (NA) |
| Shoe stores . . . . . . . . . . | 284 | + 291 | $+304$ | - 295 | - 286 | + r287 | - 277 | (NA) |
| Furniture, home furnishings stores. . . . . . . . . . . . | 903 | + 964 | - 946 | + 954 | + 1,020 | + r1,027 | + 1,058 | (NA) |
| Household appliance, TV, radio stores. . . . . . . . . . . | 477 | + 510 | + 520 | + 558 | + 607 | - r573 | - 569 | (NA) |
| Lumber yards, building materials dealers . . . . . . . . | - 1,179 | + 1,193 | + 1,255 | - 1,249 | + 1,359 | - r1,249 | + 1,278 | (NA) |
| Hardware stores . . . . . . . . . . . . . . . . . . . . . . . . . | + 309 | $+\quad 322$ | - 320 | - 299 | $+\quad 326$ | $+\quad \mathrm{r} 327$ | + 362 | (NA) |
| Passenger car and other automotive dealers . . . . . . | + 6,809 | - 6,564 | + 6,690 | - 6,162 | - 6,028 | + r6,121 | + 6,398 | (NA) |
| Tire, battery, accessory dealers. . . . . . . . . . . . . . . | + 556 | - 545 | + 558 | - 477 | + 550 | + r568 | + 624 | (NA) |
| Gasoline service stations . . . . . . . . . . . . . . . . . . | + 2,523 | - 2,494 | + 2,521 | $+2,523$ | - 2,506 | - r2,493 | - 2,488 | (NA) |
| Drug and proprietary stores . . . . . . . . . . . . . . . . . | - 1,138 | - 1,133 | $+1,247$ | $+2,165$ | - 1,137 | + rl,155 | $+\quad 1,184$ | (NA) |
| Liquor stores . . . . . . . . . . . . . . . . . . . . . . . . . . . | + 754 | - . 748 | 742 | - 728 | 727 | + r753 | + 797 | (NA) |

D58. INDEX OF WHOLESALE PRICES MANUFACTURING INDUSTRIES ${ }^{3}$
(1967=100)


NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: $(+)=$ rising, $(0)=$ unchanged, and $(-)=$ falling. $N A=$ not available. $p=$ preliminary. $r=$ revised.
${ }^{2}$ Data are seasonally adjusted by the source agency. Data for the latest month shown are preliminary.
${ }^{2}$ The diffusion index includes estimates for six types of stores not shown separately.
${ }^{3}$ Data are not seasonally adjusted.


NOTE: Series are seasonally adjusted except those series that appear to contain no seasonal movement. Unadjusted series are indicated by (u). Series numbers are for identification only and do not-reflect series relationships or order. Complete titles and sources are shown at the back of the book. The " r " indicates revised; " p ", preliminary; " e ", estimated; " a ", anticipated; and " $N A^{\prime}$ ", not available.

Graphs of these series are shown on pages 66 and 67.

|  |  |  |  |  |  |  |  | S sockeact |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| comm |  |  |  |  |  |  |  |  |  |  |  |
| ， 190 |  |  |  |  |  |  |  |  |  |  |  |
| max | 206 | ${ }_{2}$ | ${ }^{2 \times 5}$ | ${ }^{20}$ | \％ | ${ }^{136}$ | ${ }^{3}$ | ${ }^{\substack{1,0 \\ i, 6}}$ | 号 | ${ }^{\frac{1}{2} 2}$ | ${ }^{126}$ |
| cin | $\underbrace{1325}$ |  |  |  | 㗊 |  |  |  |  |  |  |
|  |  | $\underset{\substack{16 \\ \text { lita } \\ 164}}{\substack{1 \\ \hline}}$ | $\pm$ |  | ${ }_{80}^{88}$ | 品品 |  |  | （iz | － | － |
|  |  | $\underbrace{\substack{18}}_{\substack{168 \\ 164}}$ | ${ }_{\substack{205 \\ 125}}$ |  |  | $\underset{\substack{100 \\ \text { cou }}}{\substack{100}}$ |  |  | （ist | \％ | （ |
|  | ${ }_{\text {L }}^{2}$ | ${ }^{166}$ | $\xrightarrow{\substack{\text { pr } \\ \text { k }}}$ | －172 | $\xrightarrow{\substack{102}}$ |  | ${ }_{\text {p }}^{\text {p2 }}$ | ${ }_{\substack{39 \\ 39}}^{39}$ | $\xrightarrow{\substack{235}}$ |  |  |
|  | ${ }_{40}$ | ${ }^{165}$ | ${ }^{126}$ | ${ }^{13}$ | ${ }^{12}$ | ${ }^{12}$ |  |  | ${ }^{39}$ |  |  |
|  | －200 | cos |  |  | ${ }^{28}$ |  |  |  |  |  |  |
|  | ${ }^{37}$ |  |  | ${ }^{12}$ | ${ }^{106}$ | ${ }^{120}$ |  | ${ }_{\text {ciec }}$ | ${ }_{129}$ | ${ }^{\text {说 }}$ | ${ }_{88}^{88}$ |
|  | （ing |  | $\substack{\begin{subarray}{c}{128 \\ \text { and } \\ 120} }} \end{subarray}$ | 器 | $\underset{\substack{106 \\ 108}}{\substack{10}}$ | com |  |  | ${ }^{\frac{21}{21}}$ | $\xrightarrow[\substack{126 \\ 126}]{18}$ |  |
|  | ${ }^{2}$ |  |  |  | 鹤 |  |  |  | ${ }^{3,2}$ |  | \％ |
|  |  | （m） |  |  |  |  |  |  | \％ | （tay | ， |
| 成 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

NOTE：Series are seasonally adjusted except those series that appear to contain no seasonal movement．Unadjusted series are indicated by（L）．Series numbers are for identification only and do not reflect series relationships or order．Complete titles and sources are shown at the back of the book．The＂$r$＂indicates revised；＂$p$＂，preliminary； ＂e＂，estimated；＂a＂，anticipated；and＂NA＂，not available

Graphs of these series are shown on pages 67 and 68.
2Organization for Economic Cooperation and Development．

## APPENDIXES

## A. QCD and Related Measures of Variability

Part 1. Quarterly Series: Average Percentage Changes


## A. QCD and Related Measures of Variability--Continued

Part 1. Quarterly Series: Average Percentage Changes--Continued

| Quarterly series | Period covered | $\overline{\mathrm{Cl}}$ | $T$ | $\bar{C}$ | $\overline{\mathrm{I}} / \overline{\mathrm{C}}$ | QCD | $\bar{I} / \bar{C}$ <br> for <br> QCD <br> span | Average duration of run (ADR) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | Cl | 1 | C | QCD |
| D. OTHER KEY INDICATORS |  |  |  |  |  |  |  |  |  |  |  |
| 211. Fixed weighted price index, gross private product | 10 '65-IV0 '71 | 0.92 | 0.06 | 0.91 | 0.07 | 1 | 0.07 | 27.00 | 1.42 | 27.00 | 27.00 |
| 252. Exports of goods and services. | 10 '60-110 '70 | 3.79 | 2.40 | 2.63 | . 91 | 1 | . 91 | 2.76 | 1.35 | 5.31 | 2.76 |
| 253. Imports of goods and services... | 10 '60-110'70 | 3.18 | 1.86 | 2.37 | .79 | 1 | . 79 | 2.76 | 1.30 | 6.27 | 2.76 |
| 264. National defense purchases | $10 \times 53-110: 70$ | 2.19 | . 83 | 1.82 | . 45 | 1 | . 45 | 2.65 | 2.23 | 4.60 | 2.65 |
| 530. Liquid liabilities to all foreigners | 10 '60-10'70 | 2.62 | 1.06 | 2.09 | . 51 | 1 | . 51 | 2.35 | 1.29 | 2.86 | 2.35 |
| 532. Liquid and certain nonliquid liabilities to foreign official agencies | $10 \times 60-10 \times 70$ | 4.38 | 2.85 | 2.84 | 1.00 | 2 | . 33 | 2.11 | 1.14 | 3.08 | 2.60 |
| 534. U.S. official reserve assets . | $10^{\prime 6} 60.1070$ | 2.19 | 1.14 | 1.80 | . 63 | 1 | . 63 | 2.86 | 1.29 | 3.64 | 2.86 |
| 536. Merchandise exports, adjusted | 10 60-10 70 | 4.59 | 3.39 | 2.58 | 2.31 | 2 | . 62 | 1.74 | 1.38 | 3.64 | 3.55 |
| 537. Merchandise imports, adjusted | 10 60-10 70 | 4.40 | 2.60 | 3.16 | . 82 | 1. | . 82 | 3.08 | 1.29 | 6.67 | 3.08 |
| 540. Investment income, military sales, and other services, exports . | $10 \times 60-10 \times 70$ | 3.49 | 2.14 | 2.60 | . 82 | 1 | . 82 | 1.90 | 1.33 | 8.00 | 1.90 |
| 541. Foreign investment income, military expenditures, and other services, imports. | $10 \times 60-10 \times 70$ | 2.57 | 1.34 | 2.07 | . 65 | 1 | .65 | 2.50 | 1.21 | 6.67 | 2.50 |
| 542. Income on U.S. investments abroad | $10 \times 60-10{ }^{\prime} 70$ | 5.64 | 3.72 | 3.72 | 1.00 | 2 | . 40 | 1.90 | 1.18 | 3.64 | 3.00 |
| 543. Income on foreign investments in U.S. | $10 \times 60-10{ }^{\prime} 70$ | 4.98 | 1.89 | 4.77 | . 40 | 1 | . 40 | 5.00 | 1.18 | 6.67 | 5.00 |
| 544. Receipts from foreign travelers in U.S. | 10 '60-10 70 | 3.32 | 1.73 | 2.69 | . 64 | 1 | . 64 | 3.08 | 1.38 | 4.44 | 3.08 |
| 545. Payments by U.S. travelers abroad | 10 60-10 70 | 3.88 | 2.58 | 2.61 | . 99 | 1 | . 99 | 2.35 | 1.21 | 3.64 | 2.35 |
| 546. Military sales to foreigners | 10 '60-10 70 | 18.40 | 14.24 | 9.02 | 1.58 | 2 | . 68 | 1.43 | 1.25 | 2.22 | 2.17 |
| 547. U.S. military expenditures abroad | 10 '60-10 70 | 3.56 | 2.16 | 2.51 | . 86 | , | . 86 | 2.11 | 1.29 | 3.64 | 2.11 |
| 548. Receipts from transportation and other services. | 10 '60-10 70 | 2.60 | 1.69 | 1.98 | . 85 | 1 | . 85 | 3.08 | 1.25 | 13.33 | 3.08 |
| 549. Payments for transportation and other services | 10 '60-10 70 | 3.34 | 2.42 | 1.84 | 1.31 | 2 | . 58 | 1.82 | 1.21 | 6.67 | 2.79 |
| 601. Fed. receipts, natl. income and product accts. | 10 '53-110 70 | 2.53 | . 90 | 2.33 | . 38 | 1 | . 38 | 3.63 | 1.30 | 6.27 | 3.63 |
| 602. Fed. expend., natl. income and product accts. . | 10 53-110 70 | 2.15 | . 90 | 1.90 | . 47 | 1 | .47 | 4.60 | 1.25 | 6.27 | 4.60 |
| 745. Avg. hourly compensation, private nonfarm economy | 10 '53-IVQ 71 | 1.22 | . 20 | 1.20 | . 16 | 1 | . 16 | 75.00 | 1.36 | 75.00 | 75.00 |
| 746. Real avg. hourly comp., private nonfarm economy | 10 '53-IVQ '71 | . 66 | . 23 | . 63 | . 36 | 1 | . 36 | 8.33 | 1.36 | 15.00 | 8.33 |
| 770. Output per man-hour, total private economy .... | $10 \times 53$ IVQ ' 71 | . 84 | . 38 | . 75 | . 50 | 1 | . 50 | 3.95 | 1.27 | 6.82 | 3.95 |
| E. ANALYTICAL MEASURES |  |  |  |  |  |  |  |  |  |  |  |
| 854. Ratio, personal saving to disposable personal income | $10{ }^{\prime} 53-110{ }^{\prime} 70$ | 8.48 | 6.81 | 4.67 | 1.46 | 2 | . 54 | 1.47 | 1.30 | 3.63 | 3.24 |
| 858. Output per man-hour, total private nonfarm | IQ '53-110 71 | . 85 | . 38 | . 69 | . 54 | 1 | . 54 | 3.17 | 1.28 | 6.64 | 3.17 |

*Series included in the 1966 NBER "short list" of 26 indicators.

## BRIEF DEFINITIONS OF MEASURES SHOWN IN PART 1

The following are brief definitions; more complete explanations appear in Electronic Computers and Business Indicators, by Julius Shiskin, issued as Occasional Paper 57 by the National Bureau of Economic Research, 1957 (reprinted from Journal of Business, October 1957).
" $\overline{\mathrm{CI}}$ " is the average quarter-to-quarter percentage change, without regard to sign, in the seasonally adjusted series or, if the series contains no measurable seasonal, in the unadjusted series.
$" \overline{\mathrm{C}}$ " is the same for the cyclical component, a smooth, flexible moving average of the seasonally adjusted series.
" $\overline{\mathrm{I}}$ " is the same for the irregular component, obtained by dividing the cyclical component into the seasonally adjusted series.
"QCD" (quarters for cyclical dominance) provides an estimate of the appropriate time span over which to observe cyclical movements in a quarterly series. It is small for smooth series and large for irregular series. In deriving QCD, percentage changes are computed separately for the irregular component and the cyclical component over 1-quarter spans (1st quarter-2d quarter, 2d quarter-3d quarter, etc.), 2-quarter spans (lst quarter-3d quarter, 2d quarter-4th quarter, etc.), up to 4 -quarter spans. Averages, without regard to sign, are then computed for the changes over each span. QCD is the shortest span in quarters for which the average percentage change (without regard to sign) in the cyclical component is larger than the average percentage change (without regard to sign) in the irregular component,
and remains so. Thus, it indicates the point at which fluctuations in the seasonally adjusted series became dominated by cyclical rather than irregular movements. All series with a QCD greater than " 2 " are shown as " 3 "
" $\overline{\mathrm{I}} / \overline{\mathrm{C}}$ " is a measure of the relative smoothness (small values) or irregularity (large values) of the seasonally adjusted series. It is shown for 1 -quarter spans and for spans of the period of QCD. When QCD is " 3 ", no $\overline{\mathrm{I}} / \overline{\mathrm{C}}$ ratio is shown for the QCD period.
"Average Duration of Run" (ADR) is another measure of smoothness and is equal to the average number of consecutive quarterly changes in the same direction in any series of observations. When there is no change between 2 quarters, a change in the same direction as the preceding change is assumed. The ADR is shown for the seasonally adjusted series CI, irregular component I, cyclical component C, and the QCD curve. The QCD curve is an unweighted moving average (with the number of terms equal to QCD) of the seasonally adjusted series.

A comparison of these measures of ADR with the expected $A D R$ of a random series gives an indication of whether the changes approximate those of a random series. Over 1quarter intervals in a random series, the expected value of the ADR is 1.5 . The actual value of ADR falls between 1.36 and 1.75 about 95 percent of the time. Over 1-quarter intervals in a moving average (QCD) of a random series, the expected value of ADR is 2.0. For example, the ADR of CI is 1.47 for the series on the ratio of personal saving to disposable personal income (series 854). This indicates that 1-quarter

## BRIEF DEFINITIONS OF MEASURES SHOWN IN PART 1--Continued

changes in the seasonally adjusted series, on the average, reverse sign about as often as expected in a random series. The ADR measures shown in the next two columns, 1.30 for I and 3.63 for $C$, suggest that the seasonally adjusted series has been successfully separated into an essentially random component and a cyclical (nonrandom) component. Finally, ADR is 3.24 for the QCD moving average. This indicates that a 2-quarter moving average of the seasonally adjusted series
(2 quarters being the QCD span) reverses direction, on the average, about every 3 quarters. The increase in the ADR from 1.47 for CI to 3.24 for the QCD moving average indicates that, for this series, quarter-to-quarter changes in the QCD moving average usually reflect the underlying cyclical trend movements of the series, whereas the quarter-to-quarter changes in the seasonally adjusted series usually do not.

## A. QCD and Related Measures of Variability--Continued

Part 2. Quarterly Series: Average Actual Changes

| Quarterly series | Period covered | Unit of measure | $\overline{\mathrm{CI}}$ | $T$ | $\overline{\mathrm{C}}$ | $\overline{\mathrm{T}} / \overline{\mathrm{C}}$ | OCD | $\bar{T} / \bar{C}$ for QCD span | Average duration of run (ADR) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | Cl | 1 | C | QCD |
| A. NATIONAL INCOME AND PRODUCT |  |  |  |  |  |  |  |  |  |  |  |  |
| 245. Change in business inventories, total . . . . . . . . . . . . | I0 '53-110 70 .. | Ann. rate, bil. dol.. | 2.76 | 1.82 | 1.60 | 1.14 | 2 | 0.53 | 1.68 | I. 35 | 3.63 | 2.72 |
| 246. Change in business inventories, 1958 dollars | 10 '53-IVQ '71.. | ...do | 2.62 | 1.71 | 1.54 | 1.11 | 2 | . 50 | 1.67 | 1.36 | 3.00 | 2.55 |
| 250. Net exports of goods and services | 10 '53.110 $70 .$. | $\ldots$.. do | . 84 | . 48 | . 61 | . 78 | 1 | . 78 | 2.46 | 1.33 | 3.83 | 2.46 |
| 271. Change in business inventories, durable goods. | IQ '53-110 70 | . . do | 2.34 | 1.48 | 1.38 | 1.08 | 2 | . 52 | 1.60 | 1.33 | 2.76 | 2.72 |
| 275. Change in bus. inventories, nondurable goods. | 10 '53-110 70 | ...do | 1.42 | 1.17 | . 56 | 2.09 | 2 | . 89 | 1.53 | 1.30 | 2.38 | 2.12 |
| 298. Government surplus or deficit, total . . . . . . | 10'53-110 70 | ... do | 2.89 | 1.44 | 2.46 | . 59 | 1 | . 59 | 3.00 | 1.38 | 4.06 | 3.00 |
| B. CYCLICAL INDICATORS |  |  |  |  |  |  |  |  |  |  |  |  |
| 15. Profits (after taxes) per dollar of sales, mfg. | 10'53-1110 70. | Cents | .48 | . 28 | . 32 | . 87 | 1 | .87 | 2.59 | 1.32 | 3.33 | 2.59 |
| 22. Ratio of profits to income orginating, corporate, all industries | 10 '53-110 70 .. | Percent | . 46 | . 31 | . 33 | . 95 | 1 | . 95 | 2.56 | 1.25 | 5.31 | 2.56 |
| *67. Bank rates on short-term bus. loans (u) | $10 \times 53.10{ }^{\prime} 71$ | ... do | . 16 | . 09 | . 14 | . 63 | 1 | . 63 | 2.57 | 1.44 | 4.00 | 2.57 |
| 245. Change in business inventories, total . . . . . . . . . . . D. OTHER KEY INDICATORS | IL '53-110 70 . . | Ann. rate, bil. dol. | 2.76 | 1.82 | 1.60 | 1.14 | 2 | . 53 | 1.68 | 1.35 | 3.63 | 2.72 |
| U.S. Balance of Payments: |  |  |  |  |  |  |  |  |  |  |  |  |
| 250. Balance on goods and services | 10 '66-110 $71 .$. | Mil. dol. | 269.0 | 201.0 | 151.9 | 1.32 | 2 | . 52 | 1.62 | 1.17 | 3.00 | 2.22 |
| 515. Balance on goods, services, and remittances | 10 '66-110'71 | ...do | 267.0 | 211.5 | 139.4 | 1.52 | 2 | . 56 | 1.62 | 1.17 | 3.00 | 2.22 |
| 517. Balance on current account ............ | 10 '66-110 71 | . . do | 288.0 | 235.8 | 134.9 | 1.75 | 2 | . 61 | 1.62 | 1.31 | 3.00 | 2.22 |
| 519. Blance on curr. acct. and long term capital | 10 '66-110 71 | ...do | 765.2 | 598.8 | 349.4 | 1.71 | 2 | . 90 | 1.75 | 1.31 | 3.00 | 1.82 |
| 521. Net liquidity balance | 10 '66-110 71 | . . . do | 800.3 | 473.8 | 494.5 | . 96 | 1 | . 96 | 2.10 | 1.50 | 3.50 | 2.10 |
| 522. Official reserve transactions balance | 10 '66-110'71 .. | ...do | 1,239.0 | 743.1 | 776.1 | . 96 | 1 | .96 | 1.75 | 1.31 | 2.10 | 1.75 |
| 560. Foreign direct investments in the U.S. | 10 60-110 70 | . . . do | 79.8 | 65.7 | 38.0 | 1.73 | 3 | ( ${ }^{1}$ ) | 1.46 | 1.21 | 1.86 | 2.00 |
| 561. U.S. direct investments abroad | $10 \times 60.110{ }^{\prime} 70$ | $\ldots$...do | 239.4 | 190.4 | 87.7 | 2.17 | 3 | ( ${ }^{1}$ ) | 1.52 | 1.41 | 2.56 | 2.44 |
| 564. Foreign purchases of U.S. securities. | I0 60-110 70 | . . do | 181.1 | 139.0 | 105.2 | 1.32 | 2 | . 67 | 1.71 | 1.32 | 2.73 | 2.11 |
| 565. U.S. purchases of foreign securities. | 10 60-110 70 | ... do | 133.4 | 114.0 | 75.2 | 1.52 | 2 | . 45 | 1.32 | 1.17 | 2.73 | 2.35 |
| 570. Govt. grants and capital transactions, net | 10 60-110 70 | ...do | 309.8 | 243.5 | 143.6 | 1.70 | 2 | . 67 | 1.52 | 1.28 | 2.16 | 2.35 |
| 575. Banking and other capital transactions, net | 10 60-110 '70 | . . . do | 327.2 | 244.4 | 163.6 | 1.49 | 2 | .76 | 1.46 | 1.32 | 2.05 | 1.82 |
| 600. Fed. balance, natl. income and product accts. ...... | 10 53-110'70 . | Ann. rate, bil. dol. | 2.96 | 1.55 | 2.32 | .67 | 1 | .67 | 2.38 | 1.35 | 4.06 | 2.38 |
| 748. Negotiated wage and benefit decisions, first year .... | 10 '68-IVQ '71.. | Ann. rate, pct. | 1.73 | 1.62 | 1.29 | 1.26 | 2 | .30 | 1.36 | 1.15 | 2.50 | 2.33 |
| 749. Negotiated wage and benefit decisions, life of contract. | 10 '68-1V0'71 .. | ... do ...... | 1.48 | 1.43 | . 80 | 1.78 | 2 | . 75 | 1.36 | 1.15 | 2.14 | 1.56 |
| E. ANALYTICAL MEASURES |  |  |  |  |  |  |  |  |  |  |  |  |
| 207. GNP gap (potential less actual) . . . . . . . . . . . . . . . . . | IQ '53-110 '70 | . . do | 4.37 | 1.53 | 3.69 | . 42 | 1 | . 42 | 3.14 | 1.33 | 5.31 | 3.14 |
| 850. Ratio, output to capacity, manufacturing | 10 '53-110 $71 .$. | Percent | 1.61 | . 68 | 1.31 | . 52 | 1 | . 52 | 3.48 | 1.33 | 4.06 | 3.48 |
| 857. Vacancy rate in total rental housing (1)............ . | 10 56 -IV0 70 | ... do | . 24 | . 15 | . 16 | . 89 | 1 | . 89 | 2.03 | 1.31 | 2.95 | 2.03 |

*Series included in the 1966 NBER "short list" of 26 indicators.
(L) Measures are based on unadjusted data.
${ }^{1}$ Not shown when QCD is "3."

## BRIEF DEFINITIONS OF MEASURES SHOWN IN PART 2

These measures are computed by an additive method. This method is used for series with zero or negative data and for other series where it seems appropriate, such as series expressed in percent.

Thus, " $\overline{\mathrm{CI}}$ " is the average quarter-to-quarter change in the seasonally adjusted series. This average is computed without regard to sign and is expressed in the same unit of measure as the series itself.
" $\overline{\mathrm{C}}$ " is the same for the cyclical component, which is a moving average of the seasonally adjusted series.
" $\overline{\mathrm{I}}$ " is the same for the irregular component, which is determined by subtracting the cyclical component from the seasonally adjusted series.

All other measures have the same meaning as in part 1 .
B. Current Adjustment Factors

| Series | 1971 |  |  |  |  |  | 1972 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jul. | Aug. | Sept. | $0 \mathrm{ct}$. . | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June |
| 5. Average weekly initial claims, State unemployment insurance | 119.6 | 88.5 | 74.3 | 81.9 | 99.9 | 130.6 | 145.9 | 112.5 | 92.4 | 90.2 | 80.5 | 83.4 |
| 13. New business incorporations ${ }^{\text {² }}$ | 99.3 | 94.3 | 97.7 | 95.7 | 88.3 | 102.0 | 104.2 | 98.4 | 109.5 | 100.2 | 106.2 | 107.8 |
| 15. Profits (after taxes) per dollar of sales, $\mathrm{mfg} .{ }^{2}$ | -•• | 96.9 | . $\cdot$ | ... | 101.6 | $\ldots$ | ... | 96.5 | . . | ... | 105.0 | -"• |
| 33. Net change in mortgage debt held by financial institutions and life insurance companies ${ }^{13}$ | +101 | +270 | +156 | +116 | -15 | +268 | -599 | -399 | -142 | -223 | +26 | $+468$ |
| 37. Purchased materials, percent of companies reporting higher inventories | 104.4 | 99.9 | 93.2 | 86.4 | 94.7 | 88.2 | 97.7 | 100.2 | 109.3 | 107.6 | 105.8 | 110.0 |
| 39. Delinquency rate, 30 days and over, total installment loans ${ }^{4}$ | . $\cdot$ | 99.5 | . | 98.1 | . $\cdot$ | 114.9 | -.. | 105.5 | . $\cdot$ | 90.6 | . . . | 91.0 |
| 72. Commercial and industrial loans outstanding . | 101.4 | 99.7 | 99.2 | 99.6 | 99.3 | 100.3 | 100.1 | 99.1 | 99.7 | 99.9 | 100.3 | 101.0 |
| 508. Index of export orders, nonelectrical machinery | 101.6 | 94.7 | 100.7 | 97.6 | 94.7 | 100.3 | 100.8 | 101.4 | 103.3 | 99.5 | 98.4 | 106.6 |
| 616. Defense Department obligations, total | 102.6 | 99.9 | 115.8 | 104.5 | 88.7 | 93.2 | 100.4 | 84.1 | 89.1 | 95.1 | 88.0 | 141.8 |
| 621. Defense Department obligations, procurement | 58.9 | 81.4 | 147.8 | 109.1 | 90.8 | 105.4 | 96.2 | 83.6 | 80.9 | 84.2 | 74.8 | 186.3 |
| 625. Military contract awards in U.S. | 104.1 | 98.0 | 113.2 | 113.5 | 78.9 | 104.5 | 87.0 | 85.1 | 84.9 | 78.2 | 82.9 | 165.9 |
| D34. Profits, manufacturing (FNCB) ${ }^{5}$ | -10 | $\ldots$ | ... | $+10$ | $\ldots$ | ... | -13 | . . | ... | +13 |  | -"* |

NOTE: These series are not published in seasonally adjusted form by the source agency (except series 13 and D34). Seasonal adjustments were made by the Bureau of Economic Analysis or the National Bureau of Economic Research, Inc. They are kept current by the Bureau of Economic Analysis. Seasonally adjusted data prepared by the source agency will be substituted whenever they are published. For a description of the method used to compute these factors, see Bureau of the Census Technical Paper No. 15. The X-11 Variant of the Census Method II Seasonal Adjustmunt Program.
${ }^{1}$ Factors are products of seasonal and trading-day factors.
${ }^{2}$ Quarterly series; figures are placed in middle month of quarter.
${ }^{3}$ These quantities, in millions of dollars, are to be subtracted from the month-to-month net change in the unadjusted monthly totals to yield the seasonally adjusted net change. They were computed by the additive version of the X-ll variant of the Cencus Method II seasonal adjustment program.
${ }^{4}$ Bimonthly series. Factors are for even-numbered months (February, April, June, August, October, and December).
${ }^{5}$ l-quarter diffusion index: Figures are placed in the 1 st month of the quarter. The unadjusted diffusion index is computed and the factors, computed by the additive version of the X-11 variant of the Census Method II seasonal adjustment program, are subtracted to yield the seasonally adjusted index.

This appendix contains historical data (back to 1945 if available) for selected BCD series. Data are published here for (a) series which have been added to the report, (b) series which have been revised, and (c) series which have not been shown here for a lang time. See the "Index--Series Finding Guide" for the latest issue in which historical dato were published for each series. Data are seasonally adjusted unless the symbal (4) (indicating unadiusted
data) follows the series title. Official source agency annual figures are shown if available. Such figures are often based on data with more digits or on dato which hove not been sensonally adjusted; therefore, they may differ slightly from annual figures based on the monthly or quarterly data shown here. Current figures are shown in the basic dato tables of the report and may be used to update the tables below.

| Yeor | Monthly |  |  |  |  |  |  |  |  |  |  |  | Quarterly |  |  |  | Annual |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jon. | Feb. | Mor. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov, | Dec. | 10 | 110 | 1110 | IV 0 |  |
| 810. COMPOSITE INDEX OF 12 LEADING $\begin{aligned} & \text { (1967 } \\ & (196700)\end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  | AVERAGE FOR PERIOD |  |  |  |  |
| 1948... | 34.5 | 33.9 | 33.8 | 34.4 | 34.3 | 34.9 | 34.7 | 34.5 | 33.9 | 34.0 | 33.5 | 33.2 | 34.1 | 34.5 | 34.4 | 33.6 | 34.1 |
| 1949... | 32,3 | 31.6 | 31.0 | 30.2 | 30.0 | 30.1 | 30.3 . | 31.1 | 32.1 | 31.8 | 32.4 | 32,8 | 31.6 | 30.1 | 31.2 | 32.3 | 31.3 |
| 1950... | 33.5 | 33.9 | 34.6 | 35.5 | 36.6 | 37.5 | 39.2 | 41.6 | 41.5 | 41.5 | 41.8 | 42.6 | 34.0 | 36.5 | 40.8 | 42.0 | 38.3 |
| 1951... | 44.3 | 43.6 | 43,4 | 42.3 | 42.4 | 41.2 | 40.1 | 39.8 | 40.2 | 40.6 | 40.8 | 41.0 | 43.8 | 42.0 | 40.0 | 40.8 | 41.6 |
| 1952... | 41.1 | 41.2 | 41.1 | 40.8 | 40.7 | 41.3 | 40.8 | 41.6 | 43.0 | 42.7 | 42.9 | 43.2 | 41.1 | 40.9 | 41.8 | 42.9 | 41.7 |
| 1953... | 43.8 | 43.6 | 43.6 | 43.5 | 43.2 | 42.5 | 42.9 | 42.1 | 41.1 | 40.9 | 40.1 | 40.3 | 43.7 | 43.1 | 42.0 | 40.4 | 42.3 |
| 1954... | 40.4 | 40.8 | 40.6 | 41.6 | 42.0 | 42.6 | 43.2 | 43.5 | 44.4 | 45.1 | 45.7 | 46.8 | 40.6 | 42.1 | 4.3 .7 | 45.9 | 43.1 |
| 1955... | 48.3 | 49.6 | 50.2 | 50.3 | 50.6 | 51.2 | 51.9 | 52.2 | 53.2 | 52.8 | 53.1 | 53.5 | 49.4 | 50.7 | 52.4 | 53.1 | 51.4 |
| 1956... | 53.3 | 53.1 | 53.4 | 54.0 | 53.4 | 53.0 | 52.6 | 53.7 | 53.5 | 53.8 | 54.5 | 54.4 | 53.3 | 53.5 | 53.3 | 54.2 | 53.6 |
| 1957... | 54.1 | 54.2 | 54.3 | 53.7 | 54.0 | 54.2 | $54 \cdot 1$ | 54.3 | 53.2 | 52.0 | 51.6 | 50.8 | 54.2 | 54.0 | 53.9 | 51.5 | 53.4 |
| 1958... | 50.3 | 49.3 | 49.6 | 49.6 | 50.9 | 52.3 | 53.7 | 54.7 | 55.7 | 57.0 | 58.3 | 58.4 | 49.7 | 50.9 | 54.7 | 57.9 | 53.3 |
| 1959... | 59.6 | 60.6 | 62.1 | 63.0 | 63.2 | 63.3 | 62.9 | 62.0 | 62.3 | 62.0 | 61.2 | 63.4 | 60.8 | 63.2 | 62.4 | 62.2 | 62.1 |
| 1960... | 63.9 | 63.7 | 62.7 | 62.9 | 62.9 | 62.8 | 62.6 | 62.0 | 62.1 | 61.4 | 61.1 | 60.8 | 63.4 | 62.9 | 62.2 | 61.1 | 62.4 |
| 1961... | 61.1 | 61.7 | 62.8 | 63.9 | 64.9 | 65.5 | 65.9 | 67.2 | 67.0 | 68.2 | 69.2 | 69.6 | 61.9 | 64.8 | 66.7 | 69.0 | 65.6 |
| 1962... | 69.6 | 70.5 | 70.7 | 71.0 | 70.5 | 69.7 | 70.2 | 70.6 | 71.1 | 71.2 | 72.2 | 72.6 | 70.3 | 70.4 | 70.6 | 72.0 | 70.8 |
| 1963... | 73.0 | 73.6 | 74.3 | 74.7 | 76.1 | 76.3 | 76.6 | 77.0 | 77.7 | 78.8 | 78.8 | 79.4 | 73.6 | 75.7 | 77.1 | 79.0 | 76.4 |
| 1964... | 80.7 | 81.5 | 81.8 | 82.9 | 83.8 | 83.9 | 84.4 | 84.9 | 86.0 | B6. 3 | 86.9 | 88.6 | 81.3 | 83.5 | 85.1 | 87.3 | 84.3 |
| 1965... | 89,8 | 90.2 | 91.6 | 92.1 | 92.8 | 93.0 | 93.6 | 93.6 | 94.1 | 95.4 | 96.4 | 98.0 | 90.5 | 92.6 | 93.8 | 96.6 | 93.4 |
| 1966... | 98.7 | 100.0 | 101.0 | 100.4 | 99.7 | 99.6 | 99.6 | 98.2 | 97.6 | 97.2 | 96.9 | 96.9 | 99.9 | 99.9 | 98.5 | 97.0 | 98.8 |
| 1967... | 97.5 | 96.4 | 96.6 | 97.0 | 98.1 | 99.4 | 99.7 | 101.6 | 101.7 | 102.5 | 103.8 | 105.8 | 96.8 | 98.2 | 101.0 | 104.0 | 100.0 |
| 1968... | 104.2 | 106.3 | 106.5 | 106.7 | 107.5 | 108.3 | 109.5 | 109.7 | 110.9 | 113.7 | 113.7 | 114.8 | 105.7 | 107.5 | 110.0 | 114.1 | 109.3 |
| 1969... | 114.8 | 116.4 | 116.1 | 118.0 | 118.2 | 117.5 | 117.6 | 117.5 | 118.5 | 118.2 | 117.4 | 117.6 | 115.8 | 117.9 | 117.9 | 117.7 | 117.3 |
| 1970... | 116.2 | 116.5 | 115.0 | 114.9 | 113.8 | 114.4 | 116.2 | 115.2 | 114.5 | 113.6 | 113.7 | 116.0 | 115.9 | 114.4 | 115.3 | 114.4 | 115.0 |
| 811. COMPOSITE INDEX OF 12 LEADING INDICATORS. ORIGINAL TREND ( $1967=100$ ) |  |  |  |  |  |  |  |  |  |  |  |  | average for period |  |  |  |  |
|  |  |  |  | 81.2 | 80.6 | 81.7 | 81.0 | 80.1 | 78.5 | 78.4 | 76.9 | 76.0 | 81.0 | 81.2 | 79.9 | 77.1 | 79.8 |
| $1949 . .$ | 73.6 | 71.9 | 70.2 | 68.1 | 67.5 | 67.4 | 67.6 | 69.2 | 71.0 | 70.1 | 71.3 | 71.7 | 71.9 | 67.7 | 69.3 | 71.0 | 70.0 |
| 1950... | 73.0 | 73.7 | 74.9 | 76.5 | 78.7 | 80.3 | 83.7 | 88.3 | 87.9 | 87.5 | 87.8 | 89.2 | 73.9 | 78.5 | 86.6 | 88.2 | 81.8 |
| 1951... | 92.4 | 90.5 | 89.7 | 87.3 | 87.1 | 84.3 | 81.9 | 80.8 | 81.4 | 81.8 | 82.0 | 82.0 | 90.9 | 86.2 | 81.4 | 81.9 | 85.1 |
| 1952... | 81.9 | 81.9 | 81.5 | 80.5 | 79.9 | 80.9 | 79.6 | 80.8 | 83.3 | 82.3 | 82.4 | 82.6 | 81.8 | 80.4 | 81.2 | 82.4 | 81.5 |
| 1953... | 83.6 | 82.9 | 82.6 | 82.0 | 81.1 | 79.6 | 80.1 | 78.3 | 76.1 | 75.4 | 73.6 | 73.8 | 83.0 | 80.9 | 78.2 | 74.3 | 79.1 |
| 1954... | 73.6 | 74.1 | 73.5 | 75.0 | 75.4 | 76.2 | 77.2 | 77.3 | 78.7 | 79.6 | 80.3 | 81.9 | 73.7 | 75.5 | 77.7 | 80.6 | 76.9 |
| 1955... | 84.3 | 86.1 | 86.9 | 86.7 | 87.0 | 87.7 | 86.5 | 88.6 | 90.0 | 89.1 | 89.3 | 89.6 | 85.8 | 87.1 | 89.0 | 89.3 | 87.8 |
| 1956... | 88.9 | 88.2 | 88.4 | 89.0 | 87.7 | 85.8 | 85.8 | 87.3 | 86.6 | 86.8 | 87.5 | 87.1 | 88.5 | 87.8 | 86.6 | 87.1 | 87.5 |
| 1957... | 86.3 | 86.1 | 85.9 | 84.7 | 84.9 | 85.0 | 84.3 | 84.5 | 82.4 | 80.2 | 79.4 | 77.8 | 86.1 | 84.9 | 83.7 | 79.1 | 83.5 |
| 1958... | 76.8 | 74.9 | 75.1 | 74.9 | 76.6 | 78.2 | 80.1 | 81.4 | 82.5 | 84.1 | 85.7 | 85.6 | 75.6 | 76.6 | 81.3 | 85.1 | 79.7 |
| 1959... | 87.1 | 88.1 | 89,9 | 90.9 | 90.9 | 90.7 | 89.7 | 88.2 | 88.2 | 87.5 | 86.1 | 88.8 | 88.4 | 90.8 | 88.7 | 87.5 | 88.8 |
| 1960... | 89.2 | 88.5 82.0 | 86.8 83.2 | 86.9 84.3 | 86.5 85.2 | 86.1 85.8 | 85.3 86.0 | 84.3 87.4 | 84.2 85.8 | 82.9 88.0 | 82.2 88.9 | 81.4 89.1 | 88.2 | 86.5 85.1 | 84.6 86.7 | 82.2 88.7 | 85.4 85.7 |
| 19610.0 1962.0. | 81.5 88.8 | 82.0 89.7 | 83.2 89.5 | 84.3 89.6 | 85.2 88.6 | 85.8 87.4 | 86.0 87.6 | 87.4 | 86.8 88.0 | 88.0 87.9 | 88.9 88.8 | 89.1 | 88.2 | 85.1 88.5 | 86.7 87.8 | 88.7 88.5 | 85.7 88.6 |
| 1963... | 89.0 | 89.4 | 90.0 | 90.2 | 91.5 | 91.4 | 91.5 | 91.5 | 92.1 | 93.0 | 92.7 | 93.0 | 89.5 | 91.0 | 91.7 | 92.9 | 91.3 |
| 1964... | 94.1 | 94.7 | 94.8 | 95.7 | 96.4 | 96.2 | 96.4 | 96.5 | 97.4 | 97.4 | 97.7 | 99.3 | 94.5 | 96.1 | 96.8 | 98.1 | 96.4 |
| 1965... | 100.2 | 100.3 | 101.5 | 101.7 | 102.1 | 102.0 | 102.2 | 101.9 | 102.0 | 102.9 | 103.8 | 105.0 | 100.7 | 101.9 | 102.0 | 103.9 | 102.1 |
| 1986... | 105.3 | 106.3 | 107.0 | 106.1 | 104.8 | 104.3 | 103.9 | 102.2 | 101.1 | 100.3 | 99.7 | 99.2 | 106.2 | 105.1 | 102.4 | 99.7 | 103.4 |
| 1967... | 99.5 | 98.1 | 97.9 | 97.9 | 98.7 | 99.6 | 99.6 | 101.1 | 100.8 | 101.1 | 102.1 | 103.7 | 98.5 | 98.7 | 100.5 | 102.3 | 100.0 |
| 1968... | 101.7 | 103.4 | 103.3 | 103.0 | 103.4 | 103.9 | 204.5 | 104.3 | 105.2 | 107.4 | 107.0 | 107.6 | 102.8 | 103.4 | 104.7 | 107.3 | 104.6 |
| 1969... | 107.2 | 108.3 | 107.6 | 109.0 | 108.7 | 107.7 | 107.4 | 106.9 | 107.4 | 106.7 | 105.6 | 105.4 | 107.7 | 108.5 | 107.2 | 105.9 | 107.3 |
| 1970... | 103.7 | 103.7 | 101.9 | 102.5 | 100.1 | -100.3 | 102.5 | 100.2 | 99.3 | 98.1 | 97.8 | 99.5 | 103.1 | 100.6 | 100.3 | 98.5 | 100.6 |

NOTE: These series contain no revisions, but are reprinted for the convenience of the user.

## CONSTRUCTION OF THE COMPOSITE INDEXES OF LEADING INDICATORS

1. For each component, compute a series of month-to-month percent changes using a modified formula: $z_{i}=200\left(x_{i}-x_{i-1}\right) \div\left(x_{i}+x_{i-1}\right)$, where $x_{i-1}$ and $x_{i}$ are the series values for months $i-1$ and $i$, and $z_{i}$ is the percent change between them. For series 31 and 113, which are already expressed as changes, the month-to-month differences are computed instead of percent changes. Series 16 is linearly interpolated into a monthly series before the percent changes are computed.
2. Standardize each series of changes by dividing it by its average without regard to sign. This puts each component on an equal basis; that is, each has an average monthly change of 1.0 (without regard to sign).
3. For each month, compute a weighted average of the 12 standardized changes. The components are weighted according to their scores as economic indicators. See Indicators of Business Expansions and Contvactions by Geoffrey H. Moore and Julius Shiskin (NBER: New York, 1967) for details of the scoring system.
4. Standardize the resulting series of average changes so that its average is 1.0 without regard to sign. (See step 2 above.)
5. Cumulate the standardized average changes into an index with an initial value of 100 using the formula: $y_{i}=y_{i-1}\left(200+s_{i}\right) \div\left(200-s_{i}\right)$, where $y_{i}$ is the value of the index for month $i$ and $s_{i}$ is the standardized average change between months i-1 and i.
6. Rebase the index so that $1967=100$.

The composite indexes of 12 leading indicators shown above differ in that series 810 has been "reverse trend adjusted." This extra adjustment gives the leading index, which originally (series 811) has a relatively flat trend, a new trend equal to that of the composite index of 5 coincident indicators (series 820); thus, it facilitates comparisons among the leading, coincident, and lagging indexes. It also tends to shorten the leads of the leading index at business cycle peaks, lengthen the leads at troughs and reduce the variability of the leads and lags. See "Reverse Trend Adjustment of Leading Indicators" by Julius Shiskin in The Review of Economics and Statistics (Vol. XLIX, No. 1, February 1967) for a discussion of reverse trend adjustment and its effects.

The procedure used to reverse trend adjust the composite index of 12 leaders is given below.

1. Compute the trend of the leading index (series 811) and the trend of the coincident index (series 820) by applying the compound interest formula to the centered averages of the first and last specific cycles (peak to peak) for each index. This results in trends of 0.108 and 0.480 percent per month, respectively, for the leading and coincident indexes.
2. Add the difference between the two trends (0.372) to the standardized average changes in step 4 above, and continue through steps 5 and 6 to get the reverse trend adjusted index.

C. Historical Data for Selected Series-Continued

This appendix contains historical data (bock to 1945 if available) for selected BCD series. Doto ore published here for (a) series which hove been added to the report, (b) series which have been revised, and (c) series which have not been shown here for a long time. See the "Index--Series Finding Guide" for the lotest issue in which historical dato were published for eoch series. Dato are seasonally adjusted unless the symbol (1) (indicating unodjusted
data) follows the series title. Official source agency annual figures are shown if available. Such figures are often based on data with more digits or on data which have not been seg-
sonally adiusted; therefore, they may differ slightly from annual figures based on the manthly sonally adiusted; therefore, they may differ slightly from annual figures based on the manthly and moy be used to update the tables below.


## C. Historical Data for Selected Series-Continued

This appendix contains historical data (back to 1945 if available) for selected BCD series. Data are published here for (a) series which have been added to the report, (b) series which have been revised, and (c) series which have not been shown here for a long time. See the "Index--Series Finding Guide" for the latest issue in which historical doto were published for each series. Dota are seasonally adjusted unless the symbol (@) (indicating unadiusted
data) follows the series title. Official source agency annual figures are shown if available. Such figures are often based on data with more digits or on data which have not been seasonally adiusted; therefore, they may differ slightly from annual figures based on the monthly or quarterly data shown here. Current figures are shown in the basic data tables of the report and may be used to updote the tables below.


MOTE: These series contain no revisions, but are reprinted for the convenience of the user.

This appendix contains historical dato (back to 1945 if available) for selected BCD series. Data are published here for (a) series which hove been odded to the report, (b) series which have been revised, and (c) series which have not been shown here for a long time. See the "Index-Series Finding Guide" for the latest issue in which historical dato were published for each series. Data are seasonally adjusted unless the symbol (1u) (indicating unadjusted
data) follows the series title. Official source agency annual figures are shown if available. Such figures are often based on data with more digits or on data which hove not been sasonally adjusted; therefore, they may differ slightly from annual figures based on the monthly or quarterly data shown here. Current figures are shown in the bosic data tables of the report and may be used to update the tables below.

| Year | Monthly |  |  |  |  |  |  |  |  |  |  |  | Quarterly |  |  |  | Annual |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mor. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | 10 | II Q | 1110 | IV 0 |  |
| 55. INDEX OF WHOLESALE PRICES, INDUSTRIAL COMMODITIES" (1) (1967=100) |  |  |  |  |  |  |  |  |  |  |  |  | average for period |  |  |  |  |
| 1945... | 52.6 | 52.7 | 52.8 | 52.8 | 52.9 | 52.9 | 53.0 | 53.1 | 53.1 | 53.2 | 53.2 | 53.4 | 52.7 | 52.9 | 53.1 | 53.3 | 53.0 |
| 1946... | 53.5 | 53.8 | 54.3 | 54.8 | 55.2 | 56.9 | 58.1 | 59.3 | 59.5 | 61.5 72.7 | 64.2 73.6 | 66.2 74.6 | 53.9 68.8 | 55.4 59.8 | 59.0 71.2 | 64.0 | 58.0 70.0 |
| $1947 . .$. $1948 .$. | 68.2 75.8 | 68.6 75.4 | 69.5 75.4 | 69.8 75.8 | 69.7 75.8 | 69.8 76.2 | 70.3 76.9 | 717.2 | 72.0 | 72.7 78.2 | 73.6 78.4 | 74.6 78.3 | 68.8 75.5 | 69.8 75.9 | 71.2 77.6 | 73.6 76.3 | 70.8 76.9 |
| 1949... | 77.9 | 77.2 | 76.8 | 75.8 | 74.9 | 74.4 | 74.1 | 74.3 | 74, 3 | 74.3 | 74.3 | 74.4 | 77.3 | 75.0 | 74.2 | 74.3 | 75.3 |
| 1950... | 74.6 | 74.8 | 74.8 | 74.9 | 75.4 | 75.9 | 77.1 | 78.6 | 80.4 | 81.8 | 82.9 | 84.8 | 74.7 | 75.4 | 78.7 | 83.2 | 78.0 |
| 1951... | 86.6 | 87.1 | 87.1 | 87.0 | 86.7 | 85.4 | 86.0 | 85.3 | 85.3 | 85.1 | 85.0 | 85.1 | 86.9 | 86.7 | 85.5 | 85.1 | 86.1 |
| 1952... | 84.9 | 84.9 | 84.6 | 84.2 | 83.9 | 83.6 | 83.5 | 83.9 | 84.1 | 83.9 | 83.8 | 83.9 | 84.8 | 83.9 | 83.8 | 83.9 | 84.1 |
| 1953... | 84.0 | 84.0 | 84.3 | 84.1 | 84.4 | 84.7 | 85.3 | 85.3 | 85.2 | 85.1 | 85.0 | 85.1 | 84.1 | 84.4 | 85.3 | 85.1 | 84.8 |
| 1954... | 85.1 | 84.9 | 84.9 | 85.0 | 85.0 | 84.9 | 84.9 | 84,9 | 84.9 | 85.0 | 85.3 | 85.3 | 85.0 | 85.0 | 84.9 | 85.2 | 85.0 |
| 1955... | 85.6 | 86.0 | 85.9 | 86.0 | 85.8 | 85.9 | 86.5 | 87.3 | 88.1 | 88.4 | 88.7 | 89.0 | 85.8 | 85.9 | 87.3 | 88.7 | 86.9 |
| 1956... | 89.5 | 89.6 | 89.9 | 90.3 | 90.4 | 90.3 | 90.2 | 91.0 | 91.4 | 91.8 | 92.3 | 92.7 | 89.7 | 90.3 | 90.9 | 92.3 | 80.8 |
| 1957... | 93.0 | 93.2 | 93.1 | 93.1 | 93.0 | 93.0 | 93.4 | 93.6 | 93.6 | 93.5 | 93.5 | 93.7 | 93.1 | 93.0 | 93.5 | 93.6 | 93.3 |
| 1958... | 93.7 | 93.4 | 93.4 | 93.2 | 93.1 | 93.1 | 93.3 | 93.7 | 93.8 | 93.9 | 94.2 | 94.5 | 93.5 | 93.1 | 93.6 | 94.2 | 93.6 |
| 1959... | 94.7 | 94.9 | 95.2 | 95.3 | 95.4 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.6 | 94.9 | 95.3 | 95.4 | 95.5 | 95.3 |
| 1960... | 95.7 | 95.6 | 95.6 | 95.6 | 95.2 | 95.2 | 95.2 | 95.2 | 95.0 | 95.1 | 95.0 | 95.0 | 95.6 | 95.3 | 95.1 | 95.0 | 95.3 |
| 1961... | 95.2 | 95.2 | 95.2 | 95.1 | 94.8 | 94.6 | 94.6 | 94.6 | 94.7 | 94.5 | 94.7 | 94.9 | 95.2 | 94.8 | 94.6 | 94.7 | 94.8 |
| 1962... | 95.0 | 94.8 | 94.8 | 94.9 | 94.9 | 94.7 | 94.8 | 94.6 | 94.8 | 94.7 | 94.7 | 94.7 | 94.9 | 94.8 | 94.7 | 94.7 | 94.8 |
| 1963... | 94.7 | 94.6 | 94.6 | 94.4 | 94.5 | 94.7 | 94.8 | 94.8 | 94.7 | 94.9 | 94.9 | 95.2 | 94.6 | 94.5 | 94.8 | 95.0 | 94.7 |
| 1964... | 95.3 | 95.2 | 95.1 | 95.1 | 95.1 | 94.9 | 95.1 | 95.1 | 95.1 | 95.5 | 95.6 | 95.8 | 95.2 | 95.0 | 95.1 | 95.6 | 95.2 |
| 1965... | 95.9 | 95.9 | 96.0 | 96.0 | 96.2 | 96.4 | 96.4 | 96.6 | 96.6 | 96.7 | 97.1 | 97.1 | 95.9 | 96.2 | 96.5 | 97.0 | 96.4 |
| 1966... | 97.4 | 97.6 | 97.8 | 98.1 | 98.5 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 97.6 | 98.4 | 99.0 | 99.2 | 98.5 |
| 1967... | 99.5 | 99.7 | 99.7 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.2 | 100.5 | 100.8 | 101.1 | 99.6 | 99.7 | $100 \cdot 0$ | 100.8 | 100.0 |
| 1968... | 101.5 | 102.0 | 102.2 | 102.4 | 102.3 | 102.4 | 102.4 | 102.5 | 102.8 | 103.3 | 103.4 | 103.8 | 101.9 | 202.4 | 102.6 | 103.5 | 102.5 |
| 1969... | 104.3 | 104.9 | 105.4 | 105.5 | 105.5 | 105.6 | 105.7 | 106.1 | 106.5 | 107.1 | 107.4 | 107.8 | 104.9 | 105.5 | 106.1 | 107.4 | 106.0 |
| $\begin{aligned} & \text { 1970... } \\ & \text { 1971... } \end{aligned}$ | 108.3 | 108.7 | 108.9 | 109.3 | 109.7 | 109.8 | 110.0 | 110.2 | 110.4 | 111.3 | 111.3 | 111.7 | 108.6 | 109.6 | 110.2 | 111.4 | 110.0 |
| 55-B. PERCENT CHANGES IN INDEX OF WHOLESALE PRICES, INDUSTRIAL COMMOOITIES, OVER 1-MONTH SPAN |  |  |  |  |  |  |  |  |  |  |  |  | AVERAGE FOR PERIOD |  |  |  |  |
| 1945... | -•• | $\cdots$ | -•• | -•• | -•• | - $\cdot$ | -•• | -•• | ... | - | - | $\cdots$ | - | ". | $\cdots$ | $\cdots$ | -•• |
| 1946... | - $\cdot$ | -. | -•* | ... | $\cdots$ | - $\cdot \cdot$ | $\ldots$ | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | *. | ... | -•• | -•• | -.. |
| 1947... | i.7 |  | $\because$ | $\because 0$ | 0.4 | 0.4 | 0.6 | 0.7 | 0.8 | 0.8 | 1.0 | 1.1 | $\because \cdot$. | $\cdots$ | 0.7 | 1.0 | $\because$ |
| 1948... $1949 .$. | 1.7 -0.4 | -0.5 -0.9 | 0.4 -0.2 | 1.0 -0.9 | 0.5 -0.7 | 0.8 -0.4 | 0.8 -0.5 | 0.6 -0.2 | 0.1 -0.3 | -0.1 -0.1 | 0.0 -0.1 | -0.4 | -0.5 | 0.8 -0.7 | 0.5 -0.3 | -0.2 -0.1 | 0.4 -0.4 |
| 1950... | 0.4 | 0.2 | 0.3 | 0.6 | 1.1 | 0.9 | 1.6 | 1.4 | 2.0 | 1.6 | 1.2 | 2.0 | 0.3 | 0.9 | 1.7 | 1.6 | 1.1 |
| 1951... | 2.2 | 0.6 | 0.2 | 0.2 | 0.0 | -0.1 | -0.5 | -1,3 | -0.2 | -0.3 | -0.2 | -0.1 | 1.0 | (2) | -0.7 | -0.2 | 0.0 |
| 1952... | -0.2 | 0.0 | -0.2 | -0.1 | -0.1 | -0.1 | -0.1 | 0.1 | 0.0 | -0.3 | -0.1 | -0.1 | -0.1 | -0.1 | 0.0 | -0.2 | -0.1 |
| 1953... | 0.1 | 0.0 | 0.5 | 0.0 | 0.6 | 0.6 | 0.7 | -0.4 | -0.3 | -0.2 | -0.1 | 0.0 | 0.2 | 0.4 | 0.0 | -0.1 | 0.1 |
| 1954... | 0.0 | -0.2 | 0.1 | 0.3 | 0.2 | 0.1 | 0.0 | -0.3 | -0.1 | 0.1 | 0.3 | -0.1 | (z) | 0.2 | -0.1 | 0.1 | 0.0 |
| 1955... | 0.3 | 0.5 | 0.0 | 0.3 | 0.0 | 0.3 | 0.6 | 0.6 | 0.8 | 0.4 | 0.3 | 0.2 | 0.3 | 0.2 | 0.7 | 0.3 | 0.4 |
| 1956... | 0.5 | 0.2 | 0.4 | 0.6 | 0.3 | 0.1 | -0.2 | 0.7 | 0.4 | 0.4 | 0.5 | 0.3 | 0.4 | 0.3 | 0.3 | 0.4 | 0.4 |
| 1957... | 0.2 | 0.3 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.0 | 0.0 | -0.1 | -0.1 | $0 \cdot 1$ | 0.2 | 0.1 | 0.1 | (2) | 0.1 |
| 1958... | -0.1 | -0.3 | 0.1 | -0.2 | 0.1 | 0.2 | 0.1 | 0.3 | 0.1 | 0.1 | 0.2 | 0.2 | -0.1 | (z) | 0.2 | 0.2 | 0.1 |
| 1959... | 0.1 | 0.3 | 0.3 | 0.1 | 0.3 | 0.0 | 0.1 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | 0.1 |
| 1960... | 0.0 | 0.0 | 0.0 | 0.1 | -0.3 | 0.1 | -0.1 | 0.0 | -0.2 | 0.1 | -0.2 | -0.1 | 0.0 | (2) | -0.1 | -0.1 | 0.0 |
| 1961... | 0.1 | 0.1 | 0.0 | -0.1 | -0.2 | -0.1 | -0.1 | 0.0 | 0.1 | -0.2 | 0.1 | 0.1 | 0.1 | -0.1 | 0.0 | 0.0 | 0.0 |
| 1962... | 0.0 | -0.1 | 0.0 | 0.1 | 0.1 | -0.1 | 0.0 | -0.2 | 0.2 | -0.1 | -0.1 | -0.1 | (z) | (2) | $0 \cdot 0$ | -0.1 | 0.0 |
| 1963... | -0.1 | 0.0 | 0.0 | -0.2 | 0.2 | 0.3 | 0.1 | 0.1 | -0.1 | 0.2 | -0.1 | 0.2 | (z) | 0.1 | (2) | 0.1 | 0.0 |
| 1964... | 0.0 | 0.0 | -0.1 | 0.1 | 0.0 | -0.1 | 0.2 | 0.1 | 0.0 | 0.4 | 0.0 | 0.1 | (z) | 0.0 | 0.1 | 0.2 | 0.1 |
| 1965... | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.0 | 0.3 | 0.0 | 0.0 | 0.4 | 0.0 | (z) | 0.2 | 0.1 | 0.1 | 0.1 |
| 1966... | 0.2 | 0.2 | 0.2 | 0.4 | 0.4 | 0.3 | 0.4 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.2 | (2) | 0.2 |
| 1967... | 0.2 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.3 | 0.3 | 0.1 | 0.3 | 0.3 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 |
| $1968 . .$. 1969. | 0.3 0.3 | 0.4 0.5 | 0.2 0.5 | 0.3 | 0.0 | 0.2 0.2 | $0 \cdot 1$ | 0.1 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 | 0.2 | $0 \cdot 2$ | 0.3 | 0.2 |
| 1969... | 0.3 | 0.5 | 0.5 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | 0.1 | 0.3 | 0.4 | 0.3 |
| 1970... | 0.3 | 0.2 | 0.2 | 0.4 | 0.4 | 0.2 | 0.3 | 0.2 | 0.2 | 0.6 | 0.2 | 0.3 | 0.2 | 0.3 | 0.2 | 0.4 | 0.3 |
| 55-C. PERCENT CHANGES IN INDEX OF WHOLESALE PRICES, INDUSTRIAL COMMODITIES, OVER 6-MONTH SPANS ${ }^{9}$ (COMPOUNDED ANNUAL RATE, PERCENT) |  |  |  |  |  |  |  |  |  |  |  |  | AVERAGE FOR PERIOD |  |  |  |  |
| 1945... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1946...: | $\ldots$ | $\because:$ | $\because \cdot$ | $\because:$ | $\because:$ | : $\because:$ | 7 7.9 | : $: 8$ | $10 \cdot 3$ | 12.0. | 20.0 | $\cdots$ | $\cdots$ | : $:$ | $\cdots$ | 10.7 | $\because$ |
| 1948... | 9.6 | 8.6 | $7: 9$ | 6.0 | 8.5 | 7:8 | 5.6 | 4.6 | 2.2 | -0.2 | -3.3 | -3.8 | 8.7 | 9.4 | 8.1 | -2.4 | 4.5 |
| 1949... | -5.4 | -6.8 | -6.8 | -7.0 | -5,7 | -6.0 | -4.6 | -3.5 | -2.9 | -1.2 | -0.3 | 0.9 | -6.3 | -6.2 | -3.7 | -0.2 | -4.1 |
| 1950... | 2.3 | 4.8 | 7.0 | 9.6 | 12.2 | 16.0 | 18.5 | 18.9 | 21.5 | 23.1 | 21.1 | 16.9 | 4.7 | 12.6 | 19.6 | 20.4 | 14.3 |
| 1951... | 13.8 | 11.0 | 6.3 | 0.8 | -2.8 | -3.7 | -4.7 | -5.1 | -5.1 | -4.6 | -2.1 | -2.0 | 10.4 | -1.9 | -5.0 | -2,9 | 0.2 |
| 1952... | -1.7 | -1.9 | -1.6 | -1.4 | -1.2 | -0.8 | -1.1 | -1.2 | -1,1 | -0.6 | -0.8 | 0.2 | -1.6 | -1.1 | -1.1 | -0,4 | -1.1 |
| 1953... | 0.8 | 2.2 | 3.6 | 4.9 | 4.1 | 2.4 | 2.1 | 0.7 | -0..6 | -2.1 | -1.7 | -0.9 | 2.2 | 3.8 | 0.7 | -1.6 | 1.3 |
| 1954... | 0.0 | 0.7 | 0.9 | 0.9 | 0.7 | 0.3 | -0.1 | 0.0 | -0.3 | 0.3 | 2.0 | 2.2 | 0.5 | 0.6 | -0.1 | 1.5 | 0.6 |
| 1955... | 2.5 | 1.8 | 2.6 | 3.4 | 3.6 | 5.4 | 5.6 | 6.3 | 6.11 | 5.8 | 4.9 | 4.0 | 2.3 | 4.1 | 6.0 | 4.9 | 4.3 |
| 1956... | 4.4 | 4.4 | 4.0 | 2.6 | 3.6 | 3.6 | 3.4 | 3.8 | 4,3 | $5 \cdot 2$ | 4.4 | 3.5 | 4.3 | 3.3 | 3.8 | 4.4 | 3.9 |
| 1957... | 2.7 | 2.0 | 1.7 | 1.8 | 1.3 | 1.4 | 1.0 | 0.6 | 0.5 | -0.3 | -0.9 | -0.7 | $2 \cdot 1$ | 1.5 | 0.7 | -0.6 | 0.9 |
| 1958... | -0.8 | -0.4 | -0.3 | 0.0 | 1.1 | 1.2 | 1.7 | 1.9 | 2,0 | 2.1 | 2.2 | 2.7 | -0.5 | 0.8 | 1.9 | 2.3 | 1.1 |
| 1959... | 2.8 | 2.9 | 2.4 | 2.3 | 1.5 | 0.8 | 0.5 | -0.1 | 0.0 | -0.1 | 0.0 | 0.1 | 2.7 | 1.5 | 0.1 | 0.0 | 1.1 |
| 1960... | 0.2 | -0.4 | -0.1 | -0.4 | -0.4 | -0.9 | -0.8 | -0.6 | -1.1 | -0.6 | -0.4 | 0.0 | -0.1 | -0.6 | -0.8 | -0.3 | -0.5 |
| 1961... | -0.3 | -0.3 | -0.2 | -0.7 | -0.9 | -0.6 | -1.0 | -0.3 | 0.1 | 0.3 | 0.0 | -0.2 | -0.3 | -0.7 | -0.4 | (2) | -0.3 |
| 1962... | 0.6 | -0.5 | 0.0 | 0.1 | 0.0 | 0.4 | -0.2 | -0.5 | -0,4 | -0.7 | -0.4 | -0.8 | 0.4 | 0.2 | -0.4 | -0.6 | -0.1 |
| 1963... | -0.8 | -0.4 | 0.4 | 0.7 | 0.8 | 0.6 | 1.3 | 0.8 | 0.7 | 0.6 | 0.4 | 0.4 | -0.3 | 0.7 | 0.9 | 0.5 | 0.5 |
| 1964... | 0.3 | 0.4 | -0.4 | 0.0 | 0.2 | 0.4 | 1.1 | 1.1 | 1.6 | 1.3 | 1.2 | 1.5 | 0.1 | 0.2 | 1.3 | 1.3 | 0.7 |
| 1965... | 0.8 | 1.2 | 1.4 | 1.4 | 2.0 | 1.8 | 1.7 | 2.0 | 1.4 | 1.7 | 1.5 | 1.9 | 1.1 | 1.7 | 1.7 | 1.7 | 1.6 |
| 1966... | 2.7 | 2.8 | 3.4 | 3.7 | 3.5 | 3.2 | 2.3 | 2.6 | 1.0 | 0.6 | 0.8 | 0.7 | 3.0 | 3.5 | 1.6 | 0.7 | 2.2 |
| 1967...: | 0.7 | 0.8 | 1.1 | 0.8 | 1.3 | 1.7 | 2.1 | 2.5 | 2.8 | 3.2 | 3.3 | 3.3 | 0.9 | 1.3 | 2.5 | 3.3 | 2.0 |
| 1968...: | 3.5 |  | 2.6 | 2.2 | 1.6 | 1.9 | $3 \cdot 1$ | 2.5 | 2.8 | 3.3 | 4.0 | 4.4 | 2.9 | 1.9 | 2.5 | 3.9 | 2.8 |
| 1969... | 3.9 | 3.7 | 3.5 | 3.2 | 3.0 | 2.9 | 3.4 | 4.1 | 4.3 | 4.5 | 4.2 | 3.7 | 3.7 | 3.0 | 3.9 | 4.1 | 3.7 |
| $\begin{aligned} & \text { 1970... } \\ & 1971 . \ldots \\ & 1972 . . . \\ & \hline \end{aligned}$ | 3.7 | 3.8 | 3.7 | 3.6 | 3.6 | 3.6 | 4.1 | 3.5 | 3.5 | 3.6 | 3.5 | 3.6 | 3.7 | 3.6 | 3.7 | 3.6 | 3.6 |

${ }^{1}$ This series contrina no reviaions but is reprinted for the convenience of the user,
${ }^{2}$ This series containg scattered revisions beginning in 1967. Annual rates of change
This series containg scattered revisions begining in 1967. Annual rates of change are siaple averages of the monthly rates of change.

## C. Historical Data for Selected Series-Continued

This appendix contains historical dara (back to 1945 if available) for selected BCD series. Data are published here for (a) series which have been added to the report, (b) series which have been revised, and (c) series which have not been shown here for a long time. See the "Index--Series Finding Guide" for the latest issue in which historical data were published for each series. Data are seosonally adjusted unless the symbal (@) (indicating unodiusted
data) follows the series title. Official source agency annual figures are shown if ovailable Such figures are often bosed on data with more digits or on data which have not been sea sonally adjusted; therefore, they may differ slightly from annual figures based on the monthly or quarterly dota shown here. Current figures are shown in the basic data tables of the report and may be used to update the tables below.

| Year | Monthly |  |  |  |  |  |  |  |  |  |  |  | Quarterly |  |  |  | Annual |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mor. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | 10 | 110 | III 0 | IV 0 |  |


average for period

| 1945... | 54.1 | 54.2 | 54.3 | 54.5 | 54.7 | 54.8 | 54.7 | 54.5 | 54.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1946... | 55.2 | 55.5 | 56.2 | 56.8 | 57.2 | 58.2 | 64.4 | 66.5 | 64.0 |
| 1947... | 73.2 | 73.9 | 75.7 | 75.2 | 74.8 | 74.8 | 75.6 | 76.6 | 78.1 |
| 1948... | 82.9 | 81.3 | 81.3 | 82.0 | 82.4 | 83.0 | 83.7 | 84.3 | 84.2 |
| 1949... | 81.6 | 80.3 | 80.1 | 79.3 | 78.6 | 77.9 | 77.8 | 77.9 | 78.0 |
| 1950... | 77.6 | 78.0 | 78.1 | 78.1 | 79.1 | 79.5 | 81.7 | 83.5 | 85.0 |
| 1951... | 91.2 | 92.5 | 92.5 | 92.3 | 92.0 | 91.3 | 90.7 | 90.2 | 90.0 |
| 1952... | 89.7 | 89.3 | 89.2 | 88.7 | 88.6 | 88.2 | 88.7 | 89.1 | 88.7 |
| 1953... | 87.2 | 87.0 | 87.3 | 86.8 | 87.2 | 88.9 | 88.0 | 87.7 | 88.1 |
| 1954... | 88.0 | 87.7 | 87.7 | 88.1 | 88.0 | 87.3 | 87.7 | 87.7 | 87.3 |
| 1955... | 87.4 | 87.7 | 87.3 | 87.7 | 87.2 | 87.6 | 87.7 | 88.0 | 88.7 |
| 1956... | 88.8 | 89.2 | 89.5 | 90.2 | 90.8 | 90.7 | 90.5 | 91.0 | 91.7 |
| 1957... | 92.7 | 92.8 | 92.7 | 93.0 | 92.9 | 93.2 | 93.8 | 94.0 | 93.7 |
| 1958... | 94.3 | 94.4 | 95.0 | 94.7 | 94.8 | 94.6 | 94.6 | 94.5 | 94.5 |
| 1959... | 94.8 | 94.8 | 94.9 | 95.2 | 95.2 | 95.0 | 94.8 | 94.5 | 95.0 |
| 1960... | 94.7 | 94.7 | 95.2 | 95.2 | 95.0 | 94.8 | 95.0 | 94.6 | 94.6 |
| 1961... | 95.2 | 95.2 | 95.2 | 94.7 | 94.3 | 93.8 | 94.2 | 94.3 | 94.3 |
| 1962... | 95.0 | 94.9 | 94.9 | 94.6 | 94.4 | 84.3 | 94.6 | 94.7 | 95.4 |
| 1963... | 94.7 | 94.4 | 94.2 | 94.0 | 94.3 | 94.5 | 94.8 | 94.6 | 94.5 |
| 1964. . | 95.2 | 94.7 | 94.6 | 94.5 | 94.3 | 94.3 | 94.6 | 94.5 | 94.9 |
| 1965... | 95.2 | 95.4 | 95.5 | 95.9 | 96.2 | 96.9 | 97.0 | 97.0 | 97.1 |
| 1966... | 98.6 | 99.3 | 99.3 | 99.4 | 99.5 | 99.6 | $100 \cdot 3$ | 100.7 | 100.7 |
| 1967... | 100.1 | 99.9 | 99.6 | 99.2 | 99.7 | 100.2 | 100.3 | 100.0 | 100.1 |
| 1988... | 101.1 | 101.9 | 102.1 | 102.1 | 102.4 | 102.5 | 102.8 | 102.5 | 102.9 |
| $1969 . .$. | 104.3 | 104.8 | 105.4 | 105.5 | 106.3 | 106.8 | 107.0 | 106.9 | 107.1 |
| $\begin{array}{r} 1970 \ldots . \\ 1971 . \end{array}$ | 109.3 | 109.7 | 109.9 | 109.9 | 110.1 | 110.3 | 110.9 | 110.5 | 111.0 |



|  | average for period |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| ** | -•* | -* | $\cdots$ | $\cdots$ |
| -•• | $\cdots$ | 82.3 | $\cdots$ | ** |
| 90.0 | 90.3 | 89.2 | 85.4 | 88.7 |
| 81.9 | 80.8 | 80.2 | 79.2 | 80.6 |
| 79.6 | 81.3 | 86.1 | 86.7 | 83.4 |
| 93.3 | 93.3 | 91.2 | 93.0 | 92.7 |
| 92.8 | 91.7 | 91.7 | 90.2 | 91.6 |
| 88.3 | 86.8 | 87.1 | 87.4 | 87.4 |
| 89.1 | 90.2 | 89.0 | 87.5 | 88.9 |
| 86.8 | 85.5 | 84.6 | 83.3 | 85.0 |
| 82.6 | 84.9 | 85.2 | 86.6 | 84.9 |
| 86.8 | 86.7 | 87.9 | 88.1 | 87.4 |
| 90.6 | 92.8 | 92.2 | 91.4 | 91.8 |
| 90.4 | 89.8 | 88.8 | 88.4 | 89.4 |
| 88.6 | 89.2 | 89.6 | 90.6 | 89.5 |
| 91.6 | 90.6 | 90.4 | 91.1 | 91.0 |
| 91.9 | 91.0 | 92.4 | 92.4 | 91.9 |
| 91.5 | 92.4 | 92.7 | 93.3 | 92.5 |
| 92.6 | 91.7 | 92.1 | 92.5 | 92.3 |
| 93.0 | 94.9 | 96.3 | 97.9 | 95.5 |
| 100.4 | 100.4 | 102.4 | 101.5 | 101.2 |
| 99.9 | 99.7 | 100.2 | 100.1 | 100.0 |
| 101.1 | 102.0 | 102.7 | 103.2 | 102.2 |
| 104.1 | 107.1 | 108.2 | 109.9 | 107.3 |
| 112.0 | 111.5 | 112.2 | 112.2 | 112.0 |

This series contains no revisions but is reprinted for the convenience of the user
${ }^{2}$ This series contains scattered revisions beginning in 1956 .

## C. Historical Data for Selected Series-Continued

This appendix contains historical data (back to 1945 if available) for selected BCD series. Data are published here for (a) series which have been added to the report, (b) series which have been revised, and (c) series which have not been shown here for a long time. See the "Index--Series Finding Guide" for the latest issue in which historical dato were published for each series. Data ore seosonally adjusted unless the symbol (u) (indicating unadiusted
data) follows the series title. Official source agency annual figures are shown if available. Such figures are often based on data with more digits or on data which have not been seasonally adjusted; therefore, they may differ slightly from annual figures based on the monthly or quarterly dota shown here. Current figures are shown in the basic data tabless of the report and may be used to update the tables below.

| Yeor | Monthly |  |  |  |  |  |  |  |  |  |  |  | Quarterly |  |  |  | Annual |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mor. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | 10 | 110 | III $Q$ | IV 0 |  |
| 752. INDEX OF WHOLESALE PRICES; FARM PRODUCTS' (1967=100) |  |  |  |  |  |  |  |  |  |  |  |  | AVERAGE FOR PERIOD |  |  |  |  |
| 1945... | -•* | -•• | *** | -•• | ** | *** | -* | -•* | - 0 | -•* | -•* | -•• | ... | -• | - | -• | -** |
| 1946... | -.. | -•• | - . | \% | - 0 | -*: | 100\% | 87 | -•* | *** | 115.6 | 122.6 | ". | 108:2 | 108.4 | 1170 | $109 \%$ |
| 1947... | 125** | 180 | 14.8 | 106.9 | 105.5 | 106.2 | 106.4 | 107.6 | 111.2 | 114.2 | 115.6 | 122.6 | 119.5 | 106.2 | 108.4 | 117.5 | 109.4 |
| 1948... | 125.6 107.2 | 118.0 103.7 | 114.8 103.1 | 117.0 103.3 | 119.6 103.2 | 122.2 101.5 | 120.7 99.9 | 119.4 100.1 | 116.9 100.5 | 113.1 99.0 | 112.1 99.2 | 110.3 98.7 | 119.5 104.7 | 119.6 102.7 | 119.0 100.1 | 111.8 99.0 | 117.5 101.6 |
| 1950... | 98.0 | 100.9 | 100.4 | 100.4 | 102.8 | 103.8 | 108.5 | 110.0 | 111.6 | 110.4 | 114.3 | 119.9 | 99.8 | 102.3 | 110.0 | 114.9 | 106.7 |
| 1951... | 123.7 | 130.1 | 12\%.9 | 128.2 | 125.9 | 125.3 | 119.9 | 119.7 | 119.6 | 122.6 | 125.1 | 124.0 | 127.2 | 126.5 | 119.7 | 123.2 | 124.2 |
| 1952... | 121.2 | 119.2 | 117.8 | 118.0 | 117.4 | 118.0 | 119.2 | 119.4 | 116.0 | 115.0 | 114.2 | 111.0 | 119.4 | 117.8 | 118.2 | 113.4 | 117.2 |
| 1953... | 109.7 | 107.6 | 108.4 | 105.3 | 106.3 | 104.8 | 105.8 | 104.9 | 106.8 | 104.8 | 103.6 | 105.7 | 108.6 | 105.5 | 105.8 | 104,7 | 106.2 |
| 1954... | 107.5 | 107.3 | 10\%.1 | 107.2 | 106.3 | 103.8 | 104.1 | 104.4 | 102.2 | 102.5 | 103.1 | 100.7 | 107.3 | 105.8 | 103.6 | 102.1 | 104.7 |
| 1955... | 101.9 | 102.0 | 100.4 | 101.5 | 98.8 | 100.3 | 96.8 | 96.1 | 97.5 | 95.9 | 93.3 | 92.9 | 101.4 | 100.2 | 96.8 | 94.0 | 98.2 |
| 1956... | 92.7 | 94.2 | 914.4 | 94.7 | 98.3 | 99.4 | 97.8 | 97.7 | 98.3 | 97.6 | 97.8 | 99.3 | 93.8 | 97.5 | 97.9 | 98.2 | 96.9 |
| 1957.*. | 98.4 | 97.1 | 96.9 | 97.3 | 96.8 | 99.0 | 101.2 | 102.0 | 99.6 | 101.0 | 101.9 | 103.2 | 97.5 | 97.7 | 100.9 | 102.0 | 99.5 |
| 1958... | 103.2 | 105.0 | 109.5 | 105.0 | 106.8 | 104.3 | 103.7 | 102.3 | 101.9 | 101.8 | 102.0 | 100.6 | 105.9 | 105.4 | 102.6 | 101.5 | 103.9 |
| 1959... | 100.5 | 99.5 | 96.6 | 99.6 | 98.6 | 98.4 | 96.7 | 95.7 | 97.4 | 95.5 | 94.3 | 95.1 | 99.5 | 98.9 | 96.6 | 95.0 | 97.5 |
| 1960... | 94.7 | 95.0 | 961.2 | 98.4 | 98.7 | 97.8 | 97.2 | 94.9 | 96.3 | 98.6 | 98.8 | 98.3 | 96.0 | 98.3 | 96.1 | 98.6 | 97.2 |
| 1961... | 97.9 | 98.3 | 97.4 | 95.9 | 95.0 | 93.8 | 95.4 | 97.2 | 95.5 | 95.9 | 96.1 | 97.4 | 97.9 | 94.9 | 96.0 | 96.5 | 96.3 |
| 1962... | 97.8 | 98.3 | 97.9 | 96.4 | 96.5 | 96.2 | 96.6 | 98.0 | 100.8 | 99.5 | 99.8 | 98.6 | 98.0 | 96.4 | 98.5 | 99.3 | 98.0 |
| 1963... | 98.3 | 96.5 | 94.9 | 95.2 | 94.9 | 96.0 | 96.7 | 96.4 | 95.8 | 95.9 | 96.7 | 94.5 | 96.6 | 95.4 | 96.3 | 95.7 | 96.0 |
| 1964... | 96.0 | 94.4 | 95.0 | 94.5 | 94.2 | 93.8 | 93.6 | 93.7 | 96.0 | 94.8 | 94.9 | 93.8 | 95.1 | 94.2 | 94.4 | 94.5 | 94.6 |
| 1965... | 92.9 | 94.4 | 95.3 | 97.7 | 98.5 | 100.5 | 99.2 | 99.5 | 99.8 | 100.7 | 101.3 | 104.2 | 94.2 | 98.9 | 99.5 | 102.1 | 98.7 |
| 1966... | 104.5 | 107.4 | 106.8 | 106.6 | 104.2 | 103.7 | 106.5 | 108.6 | 109.4 | 106.2 | 103.8 | 102.9 | 106.2 | 104.8 | 108.2 | 104.3 | 105.9 |
| 1967... | 102.9 | 100,8 | 99.4 | 97.9 | 100.1 | 101.5 | 101.2 | 100.0 | 99.2 | 99.0 | 98.0 | 100.1 | 101.0 | 99.8 | $100 \cdot 1$ | 99.0 | 100.0 |
| 1968... | 99.7 | 10:0 | 10.107 | 102.3 | 102.9 | 101.0 | 102.4 | 102.2 | 104.2 | 103.6 | 105.2 | 104.3 | 100.8 | 102.1 | 102.9 | 104.4 | 102.5 |
| 1969... | 105.5 | 104.7 | 106.0 | 106.3 | 110.0 | 109.9 | 109.4 | 109.9 | 110.3 | 110.5 | 113.3 | 113.2 | 105.4 | 108.7 | 109.9 | 112.3 | 109.1 |
| 1970... | 113.1 | 113.2 | 113.5 | 111.6 | 109.8 | 109.5 | 111.2 | 109.4 | 113.6 | 110.3 | 108.9 | 107.7 | 113.3 | 110.3 | 111.4 | 109.0 | 111.0 |
| 62. INDEX OF LABOR COST PER UNIT OF OUTPUT: TOTAL MANUFACTURING ${ }^{2}$$(1967: 100)$ |  |  |  |  |  |  |  |  |  |  |  |  | AVERAGE FOR PERIOD |  |  |  |  |
| 1945... | *** | -•* | **' | $\cdots$ |  | -•• |  | -•• | $\cdots$ | $\cdots$ | $\cdots$ | -•• | $\cdots$ | -•• | ". | ... | $\because \cdot$ |
| 1946... | $\cdots$ | 720\% | 700 | \%* |  | $7{ }^{\circ} \mathrm{C}$ | $\cdots$ |  | $\cdots$ | $\cdots$ | $\because{ }^{\circ}$ | 77 | -••5 | 73 | $7{ }^{\circ 10}$ | 700 | $7{ }^{\circ} \cdot$ |
| 1947... | 72.1 | 72.6 77.9 | 72.8 78.4 | 73.1 78.3 | 73.9 77.8 | 74.2 77.8 | 74.0 | 74.2 80.4 | 75.6 80.7 | 75.4 80.3 | 75.5 81.6 | 77.0 81.2 | 72.5 | 73.7 | 74.6 80.0 | 76.0 81.0 | 74.2 79.3 |
| 1949... | 81.2 | 81.5 | 80.6 | 80.7 | 81.1 | 80.3 | 80.1 | 79.0 | 78.6 | 78.8 | 78.0 | 78.5 | 81.1 | 80.7 | 79.2 | 78.4 | 79.9 |
| 1950... | 78.4 | 78.4 | 77.8 | 77.2 | 77.6 | 76.5 | 76.2 | 76.0 | 77.0 | 79.4 | 80.7 | 80.9 | 78.2 | 77.1 | 76.4 | 80.3 | 78.0 |
| 1951... | 81.1 | 82.2 | 83.0 | 84.7 | 85.2 | 86.1 | 87.1 | 88.1 | 87.7 | 87.4 | 88.1 | 88.7 | 82.1 | 85.3 | 87.6 | 88.1 | 85.8 |
| 1952... | 88.4 | 88.4 | 88.7 | 88.8 | 90.0 | 90.1 | 88.8 | 89.0 | 89.7 | 89.7 | 88.8 | 89.9 | 88.5 | 89.6 | 89.2 | 89.5 | 69.2 |
| 1953... | 89.8 | 89.9 | 90.3 | 90.6 | 90.2 | 90.9 | 90.4 | 90.0 | 90.4 | 91.2 | 92.3 | 93.6 | 90.0 | 90.6 | 90.3 | 92.4 | 90.8 |
| 1954... | 93.8 | 93.6 | 93.7 | 93.9 | 93.3 | 92.8 | 92.4 | 92.7 | 92.0 | 92.3 | 93.0 | 92.1 | 93.7 | 93.3 | 92.4 | 92.5 | 03.0 |
| 1955... | 90.7 | 90.9 | 89.9 | 89.5 | 89.4 | 89.4 | 89.8 | 90,3 | 90.5 | 90.1 | 91.7 | 90.9 | 90.5 | 89.4 | 90.2 | 90.9 | 90.3 |
| 1956... | 91.4 | 91.7 | 92.3 | 92.4 | 92.8 | 93.8 | 96.9 | 95.0 | 94.7 | 95.4 | 95.6 | 95.8 | 91.8 | 93.0 | 95.5 | 95.6 | 94.0 |
| 1957... | 95.6 | 95.2 | 95.4 | 96.3 | 96.6 | 96.1 | 96.4 | 96.6 | 96.4 | 97.5 | 99.3 | 99.8 | 95.4 | 96.3 | 96.5 | 98.9 | 96.8 |
| 1958... | 100.4 | 101.3 | 101.6 | 102.2 | 100.9 | 99.1 | 99.3 | 99.0 | 99.1 | 97.9 | 98.0 | 98.5 | 101.1 | 100.7 | 99.1 | 98.1 | 99.8 |
| 1959... | 98.1 | 97.3 | 97.5 | 96.6 | 96.7 | 97.0 | 98.3 | 100.0 | 100.2 | 100.6 | 100.6 | 97.9 | 97.6 | 96.8 | 98.5 | 99.7 | 98.4 |
| 1960... | 96.8 | 97.8 | 99.0 | 99.8 | 100.5 | 100.9 | 100.8 | 100.5 | 100.6 | 100.8 | 101.3 | 100.6 | 97.9 | 100.4 | 100.6 | 100.9 | 100.0 |
| 1961... | 101.9 | 102.3 | 101.8 | 100.8 | 100.5 | 100.0 | 99.4 | 99.0 | 98.2 | 98.8 | 98.8 | 96.1 | 102.0 | 100.4 | 98.9 | 98.6 | 100.0 |
| 1962... | 99.4 | 98.9 | 98.9 | 99.9 | 100.1 | 100.4 | 99.9 | 99.6 | 99.6 | 99.4 | 99.2 | 99.3 | 99.1 | 100.1 | 99.7 | 99.3 | 99.6 |
| 1963... | 99.2 | 98.4 | 98.2 | 96.9 | 97.2 | 97.5 | 98.5 | 97,8 | 97.8 | 97.7 | 98.1 | 98.6 | 98.6 | 97.2 | 98.0 | 98.1 | 98.0 |
| 1964... | 97.1 | 97.8 | 98.0 | 97.3 | 97.3 | 97.4 | 97.3 | 97.8 | 98.2 | 98.4 | 97.1 | 97.3 | 97.6 | 97.3 | 97.8 | 97.6 | 97.6 |
| 1965... | 96.6 | 96.9 | 96.4 | 96.3 | 96.4 | 96.2 | 95.8 | 96.0 | 96.0 | 96.5 | 96.8 | 96.2 | 96.6 | 96.3 | 95.9 | 96.5 | 96.3 |
| 1966... | 95.9 | 96.8 | 96.3 | 97.0 | 96.7 | 97.1 | 96.7 | 97.8 | 97.3 | 97.6 | 98.8 | 98.5 | 96.3 | 96.9 | 97.3 | 98.3 | 97.2 |
| 1967... | 99.4 | 99.7 | 100.4 | 99.3 | 99.9 | 100.1 | 100.5 | 100.3 | 1.00 .7 | 100.4 | 100.8 | 100.6 | 99.8 | 99.8 | 100.5 | 100.6 | 100.2 |
| 1968... | 101.4 | 101.9 | 102.6 | 102.1 | 102.8 | 102.9 | 103.3 | 103.6 | 104.9 | 105.3 | 105.2 | 106.5 | 102.0 | 102.6 | 103.9 | 105.7 | 103.5 |
| 1969... | 105.6 | 104.5 | 105.4 | 106.3 | 107.0 | 107.3 | 107.4 | 107.7 | 1.07 .8 | 108.6 | 109.4 | 110.1 | 105.2 | 106.9 | 107.6 | 109.4 | 107.3 |
| $\begin{aligned} & 1970 . . \\ & 1971 \\ & 1972 . . \end{aligned}$ | 112.7 | 111.9 | 112.3 | 112.8 | 112.4 | 112.8 | 113.3 | 114.1 | 114.6 | 114.9 | 115.6 | 115.5 | 112.3 | 112.7 | 114.0 | 115.3 | 113.6 |

## F. Specific Peak and Trough Dates for Selected Cyclical Indicators

Specific dates are listed under the reference cycle dates to which they correspond. Numbers in parentheses indicate leads $(-)$ or lags ( + ) of specific dates in relation to reference dates

| Series | Specific trough dates corresponding to expansions beginning in-- |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | November 1970 | February 1961 | April 1958 |  | August 1954 |  | October 1949 |  |
| LEADING INDICATORS |  |  |  |  |  |  |  |  |
| 1. Avg. workweek, prod. workers, mit | Sep. '70 (-2) | Dec. '60 (-2) | Apr. '58 | (0) | Apr. '54 | (-4) | Apr. 149 | (-6) |
| 5. Avg, wkly, initial claims, State unemploy. insur. (inv.). | Oct. ${ }^{170}$ (-1) | Feb. '61 (0) | Apr. '58 | (0) | Sep. ${ }^{154}$ | (+1) | Oct. '49 | (0) |
| 12. Index of net business formation . . . . . . . . . . . . . . . . | Dec. '70 (+1) | Jan. '61 (-1) | Apr. '58 | (0) | Mar. 154 | (-5) | July 149 | (-3) |
| 6. New orders, durable goods industries | Oct. ${ }^{7} 70$ (-1) | Jan. '61 (-1) | Jan. 158 | (-3) | Mar. ${ }^{154}$ | (-5) | June 149 | (-4) |
| 10. Contracts and orders, plant and equipme | Oct. 170 (-1) | May 161 (+3) | Mar. 158 | (-1) | Mar. ${ }^{154}$ | (-5) | Apr. 149 | (-6) |
| 29. New building permits, private housing | Jan. ${ }^{170}$ (-10) | Dec. '60 (-2) | Feb. ' 58 | (-2) | Sep. '53 | (-11) | Jan. 149 | (-9) |
| 31. Change, mfg. and trade inventories.. | May ${ }^{170 *}$ (-6) | Dec. '60 (-2) | Apr. ${ }^{158}$ | (0) | Nov. 153 | (-9) | Apr: 149 | (-6) |
| 23. Industrial materials prices. | July '71 (+8) | Dec. ${ }^{6} 60$ (-2) | Apr. '58 | (¢) | Oct. 153 | (-10) | June 149 | (-4) |
| 19. Stock prices, 500 common stocks | June ${ }^{170}(-5)$ | Oct. '60 (-4) | Dec. 157 | (-4) | Sep. '53 | (-11) | June 149 | (-4) |
| 16. Corporate profits, after taxes (Q) | IVQ 170 (0) | IQ '61 (0) | IQ 158 | (-2) | IVQ 153 | (-9) | IIQ 149 | (-5) |
| 17. Ratio, price to unit labor cost, mfg | Dec. 170 (+1) | Feb. '61 (0) | Apr. '58 | (0) | Mar. 154 | (-5) | May 149 | (-5) |
| 113. Change in consumer installment debt | Nov. ${ }^{7} 70$ (0) | Apr. '61 (+2) | Mar. ${ }^{158}$ | (-1) | Mar. ${ }^{\text {' }} 54$ | (-5) | Jan. ${ }^{1} 49$ | (-9) |
| 811. Composite index of 12 leading indicators | Nov. ${ }^{170}$ (0) | Dec. ${ }^{160}$ (-2) | Apr. ${ }^{158}$ | (0) | Mar. 154 | (-5) | June 149 | (-4) |
| 810. Comp. index of 12 lead. indic., reverse trend adj. | oct. '70 (-1) | Dec. '60 (-2) | Feb. 158 | $(-2)$ | Nov. 153 | (-9) | May 149 | (-5) |
| ROUGHLY COINCIDENT INDICATORS |  |  |  |  |  |  |  |  |
| 41. Employees on nonagricultural payrolls | Nov. ${ }^{170}$ (0) | Feb. '61 (0) | May 158 | (+1) | Aug. ${ }^{154}$ | (0) | Oct. 149 | (0) |
| 43. Unemployment rate, total (inverted) | Dec. '70 (+1) | May 161 (+3) | July '58 | (+3) | Sep. ' 54 | (+1) | Oct. 149 | (0) |
| 200. GNP in current dollars (Q). | NSC | IVQ 160 (-3) | IQ 158 | (-2) | IIQ 154 | (-3) | IVQ 149 | (+1) |
| 205. GNP in 1958 dollars (Q) | IVQ ${ }^{170}$ (0) | IQ '61 (0) | IQ 158 | (-2) | IIQ ${ }^{54}$ | (-3) | IIQ 149 | (-5) |
| 47. Industrial production | Nov. '70 (0) | Feb. '61 (0) | Apr. ${ }^{158}$ | (0) | Apr. ${ }^{\text {' }} 54$ | (-4) | Oct. 149 | (0) |
| 52. Personal income | NSC | NSC | Feb. ' 58 | (-2) | Apr. ${ }^{154}$ | (-4) | July 149 | (-3) |
| 56. Manufacturing and trade | NSC | Jan. '61 (-1) | Mar. ${ }^{158}$ | (-1) | Aug. '54 | (0) | Oct. 149 | (0) |
| 54. Sales of retail stores. | NSC | Apr. '61 (+2) | Mar. ${ }^{158}$ | (-1) | Jan. 154 | $(-7)$ | NSC |  |
| 820. Composite index of 5 coincident indicators. . . . . . | Nov. ${ }^{170}$ (0) | Feb. '61 (0) | Apr. '58 | (0) | Aug. ${ }^{54}$ | (0) | Oct. '49 | (0) |
| 825. Composite index of 5 coincident indicators, deflated | Nov. '70 (0) | Feb. '61 (0) | Apr. ${ }^{158}$ | ( $\dagger$ ) | May ' 54 | (-3) | Oct. ' 49 | (0) |
| LAGGING INDICATORS |  |  |  |  |  |  |  |  |
| 44. Unemploy, rate, 15 weeks and over (inverted) | NSC | July 161 (+5) | Aug. 158 | (+4) | Oct. 154 | (+2) | Nov. 149 | (+1) |
| 61. Business expend., new plant and equip. (Q) | NSC | IQ 161 (0) | IIIQ 158 | (+4) | IVQ 154 | (+3) | IVQ 149 | (+1) |
| 71. Book value, mig. and trade inventories. | NSC | June '61 (+4) | Aug. '58 | (+4) | Oct. 154 | (+2) | Dec. 149 | (+2) |
| 62. Labor cost per unit of output, mfg. . . . . . | NSC | NSC | Apr. 159 | $(+12)$ | June 155 | $(+10)$ | July 150 | $(+9)$ |
| 72. Commercial and industrial loans outstanding | Jan. '71* (+2) | NSC | Aug. ${ }^{158}$ | (+4) | Oct. 54 | (+2) | Aug. 149 | $(-2)$ |
| 67. Bank rates on short-term bus. loans (Q) | NSC 171 | $\begin{array}{lll}\text { IVQ } 161 & (+9)\end{array}$ | IIQ 158 | (+1) | IQ 155 | (+6) | IQ 150 | (+4) |
| 830. Composite index of 6 lagging indicators | May。 ${ }^{171}(+6)$ | July '61 (+5) | Aug. ' 58 | (+4) | Oct. 154 | (+2) | Dec. 149 | (+2) |
| Series | Specific peak dates corresponding to contractions beginning in-- |  |  |  |  |  |  |  |
|  | November 1969 | May 1960 | July 1957 |  | July 1953 |  | November 1948 |  |
| LEADING INDICATORS |  |  |  |  |  |  |  |  |
| 1. Avg. workweek, prod. workers, mfg. | Oct. '68 (-13) | Apr. ${ }^{59}$ (-13) | Nov. ${ }^{155}$ | (-20) | Mar. ${ }^{153}$ | (-4) | Dec. 147 | (-11) |
| 5. Avg. wkly, initial claims, State unemploy. insur. ( inv.). | Jan. '69 (-10) | Apr. ' 59 (-13) | Sep. '55 | (-22) | Nov. 152 | (-8) | Jan. ${ }^{1} 47$ | (-22) |
| 12. Index of net business formation . . . . . . . . . . . . . . . . | Feb. '69 (-9) | Apr. 159 (-13) | Mar. ' 55 | (-28) | Sep. ' 52 | $(-10)$ | Jan. 1/8 | (-10)* |
| 6. New orders, durable goods industries | Sep. '69 (-2) | Apr. ' 59 (-13) | Aug. ${ }^{\text {d }} 56$ | (-11) | Jan. '53 | (-6) | Aug. 148 | (-3) |
| 10. Contracts and orders, plant and equipme | Jan. '70 (+2) | Sep. 159 (-8) | Nov. ${ }^{56}$ | (-8) | Sep. ${ }^{152}$ | $(-10)$ | June 148 | (-5) |
| 29. New building permits, private housing | Jan. '69 (-10) | Nov. 158 (-18) | Feb. ${ }^{155}$ | (-29) | Nov. ${ }^{\text {' }} 52$ | (-8) | Oct. 147 | (-13) |
| 31. Change, mfg. and trade inventories. .. | Oct. 169 (-1) | Dec. 159 (-5) | Apr. ${ }^{\text {d }} 56$ | (-15) | Jan. ${ }^{153}$ | (-6) | July 148 | (-4) |
| 23. Industrial materials prices.. . | Feb. ${ }^{\prime} 70$ (+3) | Nov. 159 (-6) | Dec. ${ }^{55}$ | (-19) | Feb. ${ }^{151}$ | (-29) | Jan. ${ }^{148}$ | $(-10)$ |
| 19. Stock prices, 500 common stocks | Dec. '68 (-11) | July '59 (-10) | July ${ }^{56}$ | (-12) | Jan. ${ }^{153}$ | (-6) | June '48 | (-5) |
| 16. Corporate profits, after taxes (Q) | IVQ 168 (-12) | IIQ 159 (-12) | IVQ ${ }^{155}$ | (-20) | IIQ 153 | (-2) | IIQ 148 | $(-6)$ |
| 17. Ratio, price to unit labor cost, mfg. | Feb. '69 (-9) | Apr. 159 (-13) | Feb. ' 57 | (-5) | Jan. ${ }^{151}$ | (-30) | June '48 | (-5) |
| 113. Change in consumer installment debt | Oct. 168 (-13) | Aug. 159 (-9) | Mar. ${ }^{155}$ | (-28) | Dec. 152 | (-7) | Mar. 148 | (-8) |
| 811. Composite index of 12 leading indicators | Apr. 169 (-7) | May 159 (-12) | Sep. 155 | (-22) | Jan. ${ }^{153}$ | (-6) | Jan. '48 | (-10) |
| 810. Comp. index of 12 lead. indic., reverse trend | Sep. '69 (-2) | Jan. ${ }^{160}$ (-4) | Nov. 156 | (-8) | Jan. 153 | (-6) | June '48 | (-5) |
|  |  |  |  |  |  |  |  |  |
| 41. Employees on nonagricultural payroll's | Mar. ${ }^{170}$ (+4) | Apr. 160 (-1) | Mar. 157 | (-4) | June '53 | (-1) | Sep. ${ }^{1} 48$ | (-2) |
| 43. Unemployment rate, total (inverted) | Feb. '69 (-9) | Feb. ${ }^{160}$ (-3) | Mar. ${ }^{\text {' }} 57$ | (-4) | June '53 | (-1) | NA |  |
| 200. GNP in current dollars (Q). . . . . . . . . . . . . . . . . . . . . | NSC 169 ( ${ }^{\text {Ij }}$ | IIQ 160 (0) | IIIQ 157 <br> IIP 157 | (+1) | IIQ 153 <br> 153 | (-2) | IVQ 148 | (0) |
| 205. GNP in 1958 dollars (Q). 47. Industrial production... | $\begin{array}{lll}\text { III } & 169 & (-3) \\ \text { Sep. } & 169 & (-2)\end{array}$ | $\begin{array}{lll}\text { IQ } & 160 & (-3) \\ \text { Jan. } & 160 & (-4)\end{array}$ | $\begin{array}{ll}\text { IIIQ } & 157 \\ \text { Feb. } & 57\end{array}$ | $(+1)$ $(-5)$ | $\begin{array}{ll}\text { IIQ } & 153 \\ \text { July } & 153\end{array}$ | (-2) | IVQ 148 <br> July  | $(0)$ $(-4)$ |
| 52. Personal income.. | SSC. 69 | Nanc 600 (-4) |  | $(-5)$ | $\begin{array}{ll}\text { July } & 53 \\ \text { Oct. } & 153\end{array}$ | (0) | July Oct. 148 Ald | $(-4)$ |
| 56. Manufacturing and trade sal | NSC | Jan. 160 (-4) | Feb. 157 | (-5) | July 153 | (0) | Aug. 148 | (-3) |
| 54. Sales of retail stores | NSC | Apr. '60 (-1) | Aug. '57 | (+1) | Mar. 153 | (-4) | NSC |  |
| 820. Composite index of 5 coincident indicators. . | Dec. '69 (+1) | Feb. '60 (-3) | Aug. ' 57 | (+1) | July ${ }^{1} 53$ | (0) | Oct. '48 | $(-1)$ |
| 825. Composite index of 5 coincident indicators, deflated. | Oct. '69 (-1) | Feb . '60 (-3) | Mar. ${ }^{57}$ | (-4) | July 153 | (0) | Oct. '48 | (-1) |
| LAGGING INDICATORS |  |  |  |  |  |  |  |  |
| 44. Unemploy. rate, 15 weeks and over (inverred) | Mar. '69 (-8) | May 160 (0) | Sep. '57 | (+2) | Oct. 153 | (+3) | Jan. '49 | $(+2)$ |
| 61. Business expend., new plant and equip. (Q) | NSC | IIQ '60 (0) | IIQ 157 | (-2) | IIIQ 153 | (+1) | IVQ 148 | (0) |
| 71. Book value, mfg. and trade inventories | NSC | July '60 (+2) | Sep. 157 | (+2) | Sep. '53 | (+2) | Feb. 149 | (+3) |
| 62. Labor cost per unit of output, mfg. | NSC | Feb. '61 (+9) | Apr. ${ }^{\text {' }} 58$ | (+9) | Mar. ${ }^{\text {' }} 54$ | (+8) | Nov. 148 | (0) |
| 72. Commercial and industrial loans outstanding | Sep. ${ }^{70}(+10)$ | NSC 150 | Sep. ${ }^{\text {' }} 57$ | (+2) | Aug. 153 | (+1) | Aug. 148 | $(-3)$ |
| 67. Bank rates on short-term bus. loans (Q) | IQ 170 (+3) | IVQ 159 (-6) | IVQ 157 | $(+4)$ | IVQ 153 | $(+4)$ | IIQ 149 | $(+6)$ |
| 830. Composite index of 6 lagging indicators . | Aug. $170 \quad(+9)$ | May 160 (0) | Sep. 157 | $(+2)$ | Sep. 153 | (+2) | Nov. 148 | (0) |

NOTE: Specific peaks and troughs mark the dates when individual series reach their cyclical turning points, whereas reference peak and trough dates indicate the cyclical turning points in business activity as a whole. This table shows, for the 26 series on the NBER "short list" and three composite indexes, the specific peaks and troughs corresponding to post-World War II business cycles. The determination of specific turning points is not an entirely objective matter, and honest disagreement may exist among individual analysts. Therefore, the dates listed above should not be interpreted as being absolute. See Measuring Business Cycles by Burns and Mitchell (NBER: 1946) for further information on dating specific peaks and troughs.
$N A=$ Not available. This indicates that data necessary to determine a turning point are not available.

# G. Recovery Comparisons: Current and Selected Historical Patterns 

HOW TO READ CYCLICAL (RECOVERY) COMPARISON CHARTS

These charts show graphically, for selected indicators, the path of the most recent business contraction (beginning with the cyclical peak in November 1969) and the recovery and subsequent expansion (beginning with the business cycle trough in November 1970). To set the current cyclical movements into historical perspective, cyclical paths over generally similar historical periods are shown. The graphic presentations of the data for the selected period are superimposed according to a special chart design. The explanatory statements below provide a key to this chart design.

1. The objective of the chart is to compare the pattern of the current recovery with historical recovery patterns to facilitate critical assessment of the ampilitude, duration, and vigor of the indicatiors current movements.
2. The vertical line represents reference trough dates. The current recovery phase, beginning with the business cyele trough in November 1970, and the selected historical recovery phases, beginning with the troughs in October 1949, August 1954, April 1958, and February 1961 are presented graphically so that their trough dates are placed along this vertical line.
3. The horizontal line represents the level of the data at the beginning point of the most recent business contraction, November 1969, the business cycle peak that preceded the most recent trough. It also represents data levels at other business cvele peaks (November 1948, July 1953, July 1957, and May 1960) that precede the troughs used for this analysis. The peak levels, which also are called recovery levels--i.e.", the levels at which recoveries from the preceding contraction are achieved-are aligned along the horizontal line for each business cycle depicted.
4. To facilitate comparison, deviations from the previous peak level are computed and plotted for cach cycle (consisting of the contraction and portions of the subsequent recovery and expansion). These deviations from the peak levels may ie either percent changes or differences in original series units depending upon the nature of the time series. For most series percent changes are used. For sories containing negative values (such as percent changes) and series measured in percent units (such as interest rates) deviations are shown in terms of differences. The same type of series could be, and in many instances are, plotted as actual data in original series units rather than deviations from preceding peak levels.
5. The influence of excesstve irregular fluctuations in series with MCD of 3 or more is modified by using the average for the 3 months centered on the peak as the reference peak level.
6. For series that move counter to movements in general business activity (e.g., the unemployment rate), an inverted scale is used; 1.e., declines in the data are shown as upward movements in the plotted lines, and increases in data as downward movements in plotted lines.
7. For each chart, four curves and two sets of points arc shown. One curve describes the current recovery (heavy solid line:-). To facilitate historical comparison and avoid overcrowding on the chart, the median pattern of the four post-World War II recoveries (those beginning in 1949, 1954, 1958, and
Symbols t and O mark levels of the 1949 and 1954 recoveries,
$\qquad$
 respectively, at selected time periods. (See statement 7.)
$P=$ Current business cycle (reference) peak
$(T)=$ Current business cycle (reference) trough

$$
g
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Designations: "Coincident ${ }^{\prime \prime}$ 'Leading," "Lagging," and "Unclassified" indicate the NBJR timing classification for the series. dicates latest calendar month of data plotted ( ${ }^{\prime 7} 7$ "= July) ; Roman number indicates latest quarter for which data are nlotted ("III" =

## G. Recovery Comparisons: Current and Selected Historical Patterns-Continued



## G. Recovery Comparisons: Current and Selected Historical Patterns-Continued



ALPHABETICAL INDEX
Series Finding Guide

| Series titles <br> (See complete titles in "Titles and Sources of Series," following this index) | Series number | Current issue (page numbers) |  | Historical data (issue date) | Seriesdescriptions(issue date) (issue date) | Series titles <br> (See complete titles in "Titles and Sources of Series," following this index) | Series number | Current issue (page numbers) |  | $\left\{\begin{array}{c} \text { Historical } \\ \text { data } \\ \text { (issue date) } \end{array}\right.$ | Series descriptions (issue date) |
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| Business expenditures, new plant and equipment | 061 | 46 | 85 | 7/71 | 11/68 | Financial flows, sensitive | 817 | 38 | 83 | 5/72 |  |
| Emplovees, manutacturing and trade | D446 | 46 | 85 | 7/71 | 12/68 | Inventory investment and purchasing | 815 | 38 | 83 | 5/72 |  |
| Inventories, manufacturing and trade | 0450 | 47 | 85 | $7 / 71$ | 11/68 | Lagging indicators, six . ... | 830 | 37 | 83 | 5/72 | 11/68 |
| Orders, new, manufacturing | 0440 | 46 | 85 | 7/71 | 11/68 | Leading indicators, twelve | 811 | 38 | 83 | 5/72 | $8 / 70$ |
| Prices, selling, manufacturing | 0462 | 47 | 85 | $7 / 71$ | 11/68 | Leading indicators, twelve. reverse trend adj | 810 | 37 | 83 | 5/72 | 8/70 |
| Prices, selling, manufacturing and trade | 0460 | 47 | 85 | 7/71 | 11/68 | Profitability | 816 | 38 | 83 | 5/72 | ..... |
| Prices, selling, retail trade | 0466 | 47 | 85 | 7/71 | 11/68 | Construction - See Investment, |  |  |  |  |  |
| Prices, selling, wholesple trade | 0464 | 47 | 85 | 7/71 | 11/68 | Consumer goods, ratio of business equipme | 853 | See Investr | nt, fixed. |  |  |
| Profits, net, manufacturing and trade | 0442 | 46 | 85 | 7/71 | 11/68 | Consumer installment debt - See Credit. |  |  |  |  |  |
| Sales, net, manufacturing and trade. | 0444 | 46 | 85 | 7/71 | 11/68 | Consumer prices - See Prices, consumer. | 435 | 45 | 84 | 1/71 | 1168 |
| Cars, new, purchased by households | 430 | 45 | 84 | 7/71 | 11/68 | Consumer sentiment . . . . . . . . | 435 | 45 | 84 | 1/71 | 1/68 |
| Expenditures, personal consumption | 234 | See NIA - Personal consumption expenditures. |  |  |  | Credit |  |  |  |  |  |
| Product, gross, constant dollars . . . | 249 |  |  |  |  | Borrowing, total private ....$\qquad$ outstanding ....... Commercial and industrial loans outstanding |  |  | 81 | 11/71 | 7/64 |
|  |  |  |  | 1 |  |  |  |  | 82 | $6 / 71$ |  |
| Balance of payments - See also NIA - Foreign trade.Balances |  |  |  |  |  | Comm. and indus. Ioans outstanding, chenge in .... | $\begin{gathered} * 72 \\ 112 \end{gathered}$ | $\begin{aligned} & 36 \\ & 33 \end{aligned}$ | 81 82 | $6 / 71$ $6 / 71$ | 7/64 |
|  |  |  |  |  |  | Consumer installment debt ....... | $\begin{gathered} 666 \\ \\ \end{gathered} 113$ | $\begin{aligned} & 36 \\ & 33 \end{aligned}$ | 82 81 | 6/71 $6 / 71$ | 7/64 |
| Banking and other capital transactions, net .... Current account | 575 | 53 | 88 | 10/70 | 5/69 | Consumer installment loans, delinquency | $3{ }_{3}^{39}$ | $34$ | 81 | 4/71 |  |
| Current account ............... | 517 | 49 | 87 |  |  | Mortgage debt, change in . |  | $33$ | 81 | 6/71 | $\ldots$ |
| Current account and long-term capital Goods and services | 519 250 | $\begin{aligned} & 49 \\ & 49 \end{aligned}$ | $\begin{aligned} & 87 \\ & 87 \end{aligned}$ |  |  | Morgage debl, Change in | 33 |  |  |  |  |
| Goods, services and remittances | 515 | 49 | 87 |  |  | Defense | 625 |  |  | 4/71 |  |
| Government grants and capital transactions, net | 570 | 53 | 88 | 10/70 | 5/69 | Contract awards, military prime .. |  | 55 | 89 |  |  |
| Liabilities, liquid | 530 | 50 | 87 | 8/70 | 5/69 | Expenditures abroad, U.S. military | 547 621 | ${ }_{55}^{\text {See }}$ Balance of payments - Imports. |  |  |  |
| Liabilities, liquid and nonliquid | 532 | 50 | 87 | 8/70 | 5/69 | Obligations incurred, total . . . | 621 | 55 | 89 | $11 / 71$ |  |
| Liquidity, not . | 521 | 49 | 87 85 |  |  | Orders, new, defense products | 648 | 55 | 89 | 11/71 |  |
| Merchandiss trade .... | 500 534 | 48 | 86 | 10/71 | 5/69 | Orders, new, defense produets industrie | 647 | 55 | 89 | 9/71 | 9/68\# |
| Reserve position, U.S., official | 534 | 4 | 87 | 8/70 | 5/69 | Purchases of goods and sevices. | 264 | See NIA. | vernment pu |  |  |
| Reserve transactions, official ... Special drawing righrs, allocated | 5522 |  | 87 |  | $\ldots .$ | Sales, military to foreigners | 546 | See Balance of payments - Exports. |  |  |  |
| Exports | 535 |  |  | $\cdots$ |  | Deficit or surplus, government budget - See NIA Budget. |  |  |  |  |  |
| Goods and servi | 252 | 51 | 87 |  | 5/69 |  |  |  |  |  |  |
| Investment income, military sales and servic | 540 | 51 | 87 | 8/70 | 5/69 | Depreciation - See NIA - Saving. Diffusion indexes - See also Anticipations and intentions. |  |  |  |  |  |
| Income on U.S. investments abroad | 542 | 52 | 88 | 9/70 | 5/69 | Capital appropriations, new, manufacturing ....... | 011 | 63 | 97 | 9/71 | 6/69 |
| Investment, foreign direct, in the U.S. | 560 | 53 | 88 | 9/70 | 5/69 | Claims, avg. weekly initial, unemploy. insurance | 05 | 63 | 98 | 11/71 |  |
| Merchandise, adjusted | 536 | 52 | 87 | 8/70 | 5/69 | Employees on nonagricultural payroils. | 041 | 64 | 98,100 | 10/71 |  |
| Military soles to foreigners | 546 |  | 88 | 9/70 | 5/69 | Industrial materials prices ......... | 023 | 63 | 97,100 | 1/71 | 4/69 |
| Net, goods and services | 250 | See Balance | payments - Ealances. |  |  | Industrial production ......................... | 047 | 64 | 98,101 | 11/71 |  |
| Orders, new, manufacturers durable good Orders, new, nonelectrical machinery ... | 508 |  | $\begin{aligned} & 86 \\ & 86 \end{aligned}$ | 7alances. | 8/68\# |  | $\begin{aligned} & 06 \\ & 019 \end{aligned}$ | 63 | 97,9997 | $11 / 71$$11 / 71$ |  |
| Securs, new, nonelectitical machinery.. |  |  | $\begin{aligned} & 86 \\ & 88 \end{aligned}$ | $7 / 71$ | -1/69 | Orders, new, durable goods industries <br> Prices, 500 common stocks |  | 63 |  |  | 5/69 $6 / 69$ |
| Total, excluding military aid .. | 502 | $148$ | 88 | 9/70 | 5/69 | Prices, 500 common stocks $\qquad$ Prices, wholesale, manutactured goods | $\begin{aligned} & 019 \\ & 058 \end{aligned}$ | 64 | 97 98,102 |  | 6/69 |
| Transportation and services, receipts | 548 | 52 | $\left\lvert\, \begin{aligned} & 88 \\ & 88 \end{aligned}\right.$ | 9/70 | $\left\lvert\, \begin{aligned} & 5 / 69 \\ & 5 / 69 \end{aligned}\right.$ | Profits, manufacturing <br> Sales, retail stores $\qquad$ <br> Workweak aun producrion workers, mfg | $\begin{aligned} & \mathbf{Q 3 4} \\ & \mathbf{0 5 4} \end{aligned}$ | $\begin{aligned} & 63 \\ & 64 \end{aligned}$ | $\begin{aligned} & 97 \\ & 98,102 \end{aligned}$ | 4/71 |  |
| Travelers, foreign, receipts from | 544 | 52 |  | 9/70 |  |  | 01 | 63 | 97,99 | 10/71 |  |
| Imports |  |  |  |  |  | Discount rate - See Interest rates.Disposable personal income - See NIA - National |  |  |  |  | .... |
| Goods and sevvices .............. | 253 543 | $\begin{aligned} & 51 \\ & 57 \end{aligned}$ | $\left.\right\|_{88} ^{87}$ | $\begin{aligned} & 8 / 70 \\ & 9 / 70 \end{aligned}$ |  |  |  |  |  |  |  |
| Income on foreign investment in the U.S. | 561 | $\begin{aligned} & 52 \\ & 53 \end{aligned}$ | 88 | 9/70 | $\begin{aligned} & 5 / 69 \\ & 5 / 69 \end{aligned}$ |  |  |  |  |  |  |
| Investments abrcad, U.S. direct. |  | 53 |  |  | 5/69 |  |  |  |  |  |  |
| $\begin{aligned} & \text { Investment income of foreigners, } \\ & \text { expenditures end services .... } \end{aligned}$ |  | 51 | $\begin{aligned} & 87 \\ & 87 \end{aligned}$ | $\begin{aligned} & 8 / 70 \\ & 8 / 70 \end{aligned}$ | $5 / 69$$5 / 69$ | Durable goods <br> Automobiles |  |  |  |  |  |
| Merchand ise, adjusted, excluding military | 547 | $51$ |  |  |  |  | ' |  |  |  |  |  |  |  |
| Military expenditures abroad, U.S. |  | $\begin{aligned} & 52 \\ & 53 \end{aligned}$ | 88888888 | $9 / 70$$9 / 70$ | $\begin{aligned} & 5 / 69 \\ & 5 / 69 \end{aligned}$ | Expenditures, personal consumption .............. Inventories, business, change in | $\begin{aligned} & 271 \\ & 506 \end{aligned}$ | See N/A - Gross private domestic investment. |  |  |  |
| Securities, foreign, U.S. purchases | 565 |  |  |  |  | Orders, export, excluding motor vehicles Orders, new |  |  |  |  |  |  |  |  |
| Total, general | 512 | $\begin{aligned} & 48 \\ & 52 \\ & 52 \end{aligned}$ | $\begin{aligned} & 88 \\ & 86 \end{aligned}$ | $9 / 70$ $10 / 71$ | $\begin{aligned} & 5 / 69 \\ & 5 / 59 \\ & 5 / 69 \end{aligned}$ |  | $\begin{aligned} & 506 \\ & +6 \end{aligned}$ |  | 77 | 9/71 | 9/68 |
| Transportation and services, payments for | 549 |  | 8 | 9/70 |  | Orders, new, components ............. | 06 | See Diffu | indexes. |  |  |
| Travelers abroad, U.S., payments by | 545 | 52 | 88 | 9/70 | 5/69 | Orders, unfilled ........ | 96 | 27 | 78 | 9/71 | 9/68 |
|  |  |  |  |  |  | Orders, unfilled, change in. | 25 |  | 79 | 9/71 | 9/68 |
| Business failures, current liabilities Business starts | 14 | 34 | 81 | 6/71 |  | Orders, unfilled, to shipments | 852 |  |  | 10/71 | 9/68 |
| Formation, business, ne | *12 | 25,39 | 77 |  |  | Sales, tinal | 270 | See NIA. F | nal sales. |  |  |
| incorporations, new | 13 |  | 77 | 71 |  |  |  |  |  |  |  |
| Buying policy, production materials | 26 | See Inventoris |  |  |  | Employment and unemployment |  |  |  |  |  |
|  |  |  |  |  |  | Accession rate, manufacturing | - | 20 | 74 | 10/71 | 8/68 |
| Canada - See International comparis |  |  |  |  |  | Civilian labor force, total | 841 |  | 94 | $4 / 72$ | 4/72 |
| Capacity adequacy, manufacturers | 416 | 44 | 84 | $1 / 71$ | 11/68 | Claims, avg. weekly initial, unemploy. insur Claims, avg, weekly initial, unemploy. insur | *5 |  |  | 10/71 | 6/69 |
| Capacity utilization <br> Gap (potentiel less actual) | 207 |  |  |  |  | Claims, avg. weekly initial, unemploy. insur components | 05 | See D | indexes. |  |  |
| Potential GNP, constant dollars | $206\}$ | See NIA - Gra | ss national |  |  | Employed persons in civilian labor force . | 842 | 60 | 194 | 4/72 | 4/72 |
| Output to capacity, manufacturing | 850 |  | 196 | 11/71 |  | Employees, mfg. and trade, dififusion index | 0446 | See An | tions and i |  |  |
| Capital consumption allowances | 296 | See NIA - Sav |  |  |  | Emplovees on nonagricultural payrolls | * 41 |  | 175 | 1 10/71 | 18/68 |
| Capital investment - See lovestment, fixed. |  |  |  |  |  | Employees on nonagricultural payrolls-components | 041 | See Diffusi | indexes. |  |  |
| Cars - See Automobiles. |  |  |  |  |  | Help-wanted advertising in newspapers | 46 | 21 | 74 | 12/70 |  |
| Cash flow, net, corporate, current dollars | 34 | 31 | 80 | 1/72 | 1/72 | Help-wanted advertising to persons unemployed | 860 | 62 | 96 |  |  |
| Cash flow, net, corporate, constant dollars | 35 | 31 | 80 | 1/72 | 1/72 | Job vacancies in manufacturing | 50 | 21 | 74 | 12/71 |  |
| Compensation of employees - See also NIA - National |  |  |  |  |  | Layoff rate, manufacturing ........ | 3 48 |  | 74 | 10/71 |  |
| and personal income. |  |  |  |  |  | Man-hours in nonagricultural establishments . . . . . | 48 | 21 65 | 75 | 11/71 | $8 / 68 *$ $8 / 68$ |
| Compensation, average hourly, all employees, private nonfarm .. | 745 | 58,59 | 92 | 4/72 |  | Man-hours in nonagricultural estab., rate of change Marginal employment adjustment . . . . . . . . | ${ }_{813}^{48}$ | ${ }_{\text {See }} 65$ | te.... | 21/72 | 8/68\#* |
|  |  |  |  |  |  | Overtime hours, production workers, mf | *21 | 20 | 74 | 12/71 |  |
| private nonfarm | 746 | 58,59 | 93 | 4/72 |  | Parsons engaged in nonagricultural activities | 42 | 21 | 75 | $4 / 71$ |  |
| Earnings, avg. hrly., prod. wkrs., priv. nonfarm | 740 | 58 | 92 | 2/72 |  | Unemployed persons in civilian labor force | 843 | 60 | 94 | 4/72 | 4/72 |
| Earnings, real average hourly, production |  |  |  |  |  | Unemployment rate, both sexes | ${ }^{846}$ | 60 | 94 | $4 / 72$ | $4 / 72$ |
| workers, private nonfarm | 741 | 58 | 92 | 2/72 |  | Unermployment rate, females 20 vears and over | 845 | 60 | 94 | 4/72 | $4 / 72$ |
| Earnings, real spendabie average weekly | 859 | 58 | 92 | 2/72 | $\ldots$ | Unemployment rate, insured, wverage weekly | 45 | 22 | 75 | 10/71 | $6 / 69$ |
| Wage and benefit decisions, first year | 748 | 59 | 93 | 2/72 |  | Unemployment rate, males 20 years and over ...... | ${ }^{844}$ | 60 | 94 75 7 | $4 / 72$ | 4/72 |
| Wage and benefit decisions, life of contract .. | 749 | 59 | 93 | 2/72 | 168 | Unemployment rate, married males, spouse present | 848 | 62 |  | 4/71 | 4 |
| Wages and salaries, mining, mfg., and construction | 53 | 23 | 76 | 8/71 | 7/68 | Unemployment rate, Negro and other races | ${ }_{-43} 848$ | 60 20 | 94 75 | $4 / 72$ $4 / 71$ | 4/72 |
| Cposits indexes ${ }^{\text {Capita }}$ investment commitm | 814 | 38 | 83 | 5/72 |  | Unemployment rate, white | 847 | 60 | 94 | 4/72 | $4 / 72$ |
| Coincident indicators, five. | 820 | 37 | 83 | 1/72 | 11/68 | Unemployment rate. 15 weeks and over | *44 | 22 | 75 | $4 / 71$ |  |
| Coincident indicators, five, rate of change | 820 | 65 |  | 12/71 | 11/68 | Workweek, production workers, manufacturing | * 1 | 20 | 74 | 10/71 | 8/68 |
| Coincident indicators, five, deflated | 825 | 37 | 83 | 1/72 | ..... | Workweek, production workers, component | 01 | See O | indexe |  |  |


"Denotas series on the 1966 NBER "short list" of indicators. \# The "number" for this series title was changed since the publication date shown. NIA means Natienal Income and Product Accounts.

Series Finding Guide-Continued

"Denotes serles on the 1966 NBER "short list" of indicators. \# The "number" for this seribs title was changed since the publication date shown. NIA means National Income and Product Accounts.

Within each of the report's six sections, series are listed in numerical order according to series numbers. The series numbers are for identification purposes only and do not reflect series relationships or order. To find chart and table page numbers, historical data, and series descriptions, consult the "Alphabetical Index-Series Finding Guide."

The alphabetic-numeric designations following each series title and source indicate the charts and tables in which the series may be found. See the table of contents for the chart and table titles and page numbers. " M " indicates monthly series; " 0 " indicates quarterly series. Data apply to the whole period except far series designated by "EOM" (end of month) or "EOQ" (end of quarter).

The " $A$ " following a series number indicates a component series (same number) as a percent of an aggregate series, such as GNP or national income. The series in section B preceded by an asterisk (") are included in the 1966 NBER "short list" of cyclical indicators, chart B8. The "D" preceding a number indicates a diffusion index.

## A National Income and Product

200. Gross national product in current dollars ( O ).Department of Commerce, Bureau of Economic Analysis
(A1, B2, B8, E5)
201. Gross national product in 1958 dollars ( 0 ).Department of Commerce, Bureau of Economic Analysis
(A1, B2, B8, E1, E5)
202. Implicit price deflator, gross national product (Q).-Department of Commerce, Bureau of Economic Analysis
(A1)
203. Per capita gross national product in current dollars (Q).-Department of Commerce, Bureau of Economic Analysis and Bureau of the Census (A1)
204. Per capita gross national product in 1958 dollars (Q).-Department of Commerce, Bureau of Economic Analysis and Bureau of the Census (A1)
205. National income in current dollars ( 0 ).-Department of Commerce, Bureau of Economic Analysis
206. Personal income in current dollars ( O ),-Department of Commerce, Bureau of Economic Analysis
207. Disposable personal income in current doliars (Q).-Department of Commerce, Bureau of Economic Analysis
(A2)
208. Disposable personal income in 1958 dollars (O).-Department of Commerce, Bureau of Economic Analysis
(A2)
209. Per capita disposable personal income in current dollars (0).--Department of Commerce, Bureau of Economic Analysis
(A2)
210. Per capita disposable personal income in 1958 dollars (a).-Department of Commerce, Bureau of Economic Analysis
(A2)
211. Personal consumption expenditures, total, in current dollars ( Q ).-Department of Commerce, Bureau of Economic Analysis
(A3)
230A. Personal consumption expenditures as a percent of gross national product (0).-Department of Commerce, Bureau of Economic Analysis
(A11)
212. Personal consumption expenditures, total, in 1958 dollars ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(A3, A10)
213. Personal consumption expenditures, durable goods, in current doilars ( Q ).-Department of Commerce, Bureau of Economic Analysis
(A3)
214. Personal consumption expenditures, durable gorsds except automobiles, in current dollars (0).Department of Commerce, Bureau of Economic Analysis
215. Personal consumption expenditures, automobiles, in current dollars (0).-Department of Commerce, Bureau of Economic Analysis
216. Personal consumption expenditures, nondurable goods, in current doilars (Q).-Department of Commerce, Bureau of Economic Analysis
(A3)
217. Personal consumption expenditures, services, in current dollars (0).-Department of Commerce, Bureau of Economic Analysis (A3)
218. Gross private domestic investment, total ( O ).Department of Commerce, Bureau of Economic Analysis
219. Gross private domestic fixed investment, total nonresidential (0).-Department of Commerce, Bureau of Economic Analysis
(A4)
241A. Gross private domestic fixed investment, total nonresidential as a percent of gross national product (0). -Department of Commerce, Bureau of Economic Analysis
(A11)
220. Gross private domestic fixed investment, nonresidential structures ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(A4)
221. Gross private domestic fixed investment, producers' durable equipment (0).-Department of Commerce, Bureau of Economic Analysis (A4)
222. Gross private domestic fixed investment, residential structures ( O ).-Department of Commerce, Bureau of Economic Analysis
(A4)
244A. Gross private domestic fixed investment, residential structures as a percent of gross national product (0).--Department of Commerce, Bureau of Economic Analysis
(A11)
223. Gross private domestic investment, change in business inventories after valuation adjustment, all industries (0).-Diepartment of Commerce, Bureau of Economic Analysis
(A4, B4)
245A. Change in business inventories as a percent of gross national product ( O ).-Department of Commerce, Bureau of Economic Analysis
(A11)
224. Gross private domestic investment, change in business inventories, all industries, 1958 dollars (a).-Department of Commerce, Bureau of Economic Analysis
(A10)
225. Gross private domestic fixed investment, total nonresidential, 1958 dollars (0).-Department of Commerce, Bureau of Economic Analysis (A10)
226. Gross private domestic fixed investment, residential structures, 1958 dollars ( 0 ).-Department of Commerce, Bureau of Economic Analysis (A10)
227. Gross auto product in 1958 dollars ( 0 ).-Department of Commerce, Bureau of Economic Analysis (A10)
228. Batance on goods and services, excluding transfers under military grants ( Q ).-Department of Commerce, Bureau of Economic Analysis (A5, D2)

250A. Net exports of goods and services as a percent of gross national product (0).-Department of Commerce, Bureau of Economic Analysis
(A11)
252. Exports of goods and services, excluding transfers under military grants ( 0 ).-Department of Commerce, Bureau of Economic Analysis (A5, D2)
253. Imports of goods and services (0).--Department of Commerce, Bureau of Economic Analysis
(A5, D2)
260. Government purchases of goods and services, total (Q).-Department of Commerce, Eureau of Economic Analysis
(A6)
261. Government purchases of goods and services total, 1958 dollars (0).-Department of Commeree, Bureau of Economic Analysis
(A10)
262. Federal Government purchases of goods and servites, total (0).-Department of Commerce, Bureau of Economic Analysis
(AB)
262A. Federal Government purchases of goods and services as a percent of gross national product (0).-Department of Commerce, Bureau of Economic Analysis
(A11)
264. Federal Government purchases of goods and services, national defense ( 0 ). $\cdots$ Department of Commerce, Bureau of Economic Analysisi (A6, D3)
266. State and local government purchlases of goods and services, total (Q).-Department of Commerce Bureau of Economic Analysis
(A6)

266A. State and local government purchases of goods and services as a percent of gross national produc1 (0). -Department of Commerce, Bureau of Eco nomic Analysis
270. Final sales, durable goods ( O ).-Department of Commerce, Bureau of Economic Analysis (A7)
271. Change in business inventories, durable goods (Q).-Department of Commerce, Bureau of Eco nomic Analysis
273. Final sales (series 205 minus serites 246), 1958 dollars (0)--Department of Commerce, Bureau of Economic Analysis
(A10)
274. Final sales, nondurable goods, (0).-Department 0 Commerce, Bureau of Economic Analysis (A7)
275. Change in business inventories, noindurable goods (0).-Department of Commerce, Bureau of Eco nomic Analysis
(A7)
280. Compensation of employees (Q).-Department o Commerce, Bureau of Economic Analysis [A8'

280A. Compensation of employees as a percent of gros national product ( 0 ).-Department of Commerce Bureau of Economic Analysis
(Al)
282. Proprietors' income ( 0 ).-Department of Com merce, Bureau of Economic Analysis

282A. Proprietors' income as a percent of gross nationa product ( O ) =Department of Commerce, Bureau o Economic Analysis
(A11
284. Rental income of persons (O).-Olepartment 0 Commerce, Bureau of Economic Analysis (A8

284A. Rental income of persons as a percent of gros national product (D).-Department of Commerce Bureau of Economic Analysis
(Al)
286. Corporate profits and inventory valuation adjus ment (a).-Department of Commerce, Bureau o Economic Analysis
(A8
286A. Corporate profits and inventory valuation adjusi ment as a percent of gross national produc (Q).-Department of Commerce, Bureau of Ecc nomic Analysis 〈Ai1)

## Titles and Sources of Series

(Continued)
288. Net interest (0).-Department of Commerce, Bureau of Economic Analysis

288A. Net interest as a percent of gross national product (d).-Department of Commerce, Bureau of Economic Analysis
(A11)
R90. Gross saving-private saving plus government surplus or deficit (Q).-Department of Commerce, Bureau of Economic Analysis
(A9)
292. Personal saving ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(Ag)
R94. Undistributed corporate profits plus inventory valuation adjustment ( C ).-Department of Commerce, Bureau of Economic Analysis
(A9)
R96. Capital consumption allowances, corporate and noncorporate (0).-Department of Commerce, Bureau of Economic Analysis
R98. Government surplus or deficit, total (O).-Department of Commerce, Bureau of Economic Analysis
(A9)

## B Cyclical Indicators

*1. Average workweek of production workers, manufacturing (M).-Department of Labor, Bureau of Labor Statistics
(B1, B8, E3, E4)
2. Accession rate, manufacturing ( $M$ ).-Department of Labor, Bureau of Labor Statistics
(B1)
3. Layoff rate, manufacturing (M).-Department of Labor, Bureau of Labor Statistics
(B1)
*5. Average weekly initial claims for unemployment insurance, State programs (M).-Department of Labor, Manpower Administration; seasonal adjustment by Bureau of Economic Analysis (B1, E3)
*6. Value of manufacturers' new orders, durable goods industries (M).-Department of Commerce, Bureau of the Census
(B3, B8, E3, E4)
8. Index of construction contracts, total value (M).-McGraw-Hill Information Systems Company. (Used by permission. This series may not be reproduced without written permission from the source.)
(B3)
9. Construction contracts awarded for commercial and industrial buildings, floor space (M),-McGrawHill Information Systems Company; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Research, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (B3)
10. Contracts and orders for plant and equipment (M).-Department of Commerce, Bureau of the Census, and McGraw-Hill. Information Systems Company; seasonal adjustment by Bureau of Economic Analysis May 1970 and by source agency thereafter.
(B3, B8)
11. Newly approved capital appropriations, 1,000 manufacturing corporations (0).-The Conference Board
(B3. E3)
12. Index of net business formation (M).-Dun and Bradstreet, Inc., and Department of Commerce, Bureau of Economic Analysis; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Research, Inc.
( 83,88 )
13. Number of new business incorporations (M).-Dun and Bradstreet, Inc.; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Research, Inc.
(B3)
14. Current liabilities of business failures (M).-Dun and Bradstreet, Inc.
(B6)
15. Profits (after taxes) per dollar of sales, all manufacturing corporations (0).-Federal Trade Commission and Securities and Exchange Commission; seasonal adjustment by Bureau of Economic Analysis
(B5)
*16. Corporate profits after taxes ( a ).-Department of Commerce, Bureau of Economic Analysis (B5, B8)
*17. Index of price per unit of labor cost-ratio, index of wholesale prices of manufactured goods (unadjusted) to seasonally adjusted index of compensation of employees (sum of wages, salaries, and supplements to wages and salaries) per unit of output (M).-Department of Commerce, Bureau of Economic Analysis; Department of Labor, Bureau of Labor Statistics; and Board of Governors of the Federal Reserve System
(B5, B8)
18. Corporate profits after texes, 1958 dollars ( O )Department of Commerce, Bureau of Economic Analysis
(B5)
*19. Index of stock prices, 500 common stocks (M).Standard and Poor's Corporation (B5, B8, E3, F3)
20. Change in book value of manufacturers' inventories of materials and supplies (M).-Department of Commerce, Bureau of the Census
(B4)
21. Average weekly overtime hours of production workers, manufacturing (M).-Department of Labor, Bureau of Labor Statistics
22. Ratio of profits (after taxes) to income originating, corporate, all industries ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(B5)
*23. Index of industrial materials prices (M).-Department of Labor, Bureau of Labor Statistics
(B5, B8, E3, E4)
24. Value of manufacturers' new orders, producers' capital goods industries (M).-Department of Commerce, Bureau of the Census
(B3)
25. Change in manufacturers' unfilled orders, durable goods industries (M).-Department of Commerce, Bureau of the Census
(B4)
26. Buying policy-production materials, percent of companies reporting commitments 60 days or longer (M).-National Association of Purchasing Management
(B4)
28. New private housing units started, total (M).-Department of Commerce, Bureau of the Census
(B3)
*29. Index of new private housing units authorized by local building permits (M).-Department of Commerce, Bureau of the Census
(83, B8)
*31. Change in book value of manufacturing and trade inventories, total (M).-Department of Commerce, Bureau of Economic Analysis and Bureau of the Census
$(84, B 8)$
32. Vendor performance, percent of companies reporting slower deliveries ( $M$ ).-Purchasing Managernent Association of Chicago
(B4)
33. Net change in mortgage debt held by financial institutions and life insurance companies (M).Institute of Life Insurance; Federal National Mortgage Association; Department of Housing and Urban Development, Government National Mortgage Association; National Association of Mutual Savings Banks; U.S. Savings and Loan League; and Board of Governors of the Federal Reserve System; seasonal adjustment by Bureau of Economic Analysis
(B6)
34. Net cash flow, corporate, current dollars ( 0 ).Department of Commerce, Bureau of Economic Analysis
(B5)
35. Net cash flow, corporate, 1958 dollars ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(B5)
37. Percent of companies reporting higher inventories of purchased materials (M).-National Association of Purchasing Management; seasonal adjustment by Bureau of Economic Analysis
(B4)
39. Percent of consumer installment loans delinquent 30 days and over (EOM).-American Bankers Association; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Ressarch, Inc. (Bimonthly since December 1964)
(B6)
40. Unemployment rate, married males, spouse present (Ni).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
*41. Number of employees on nonagricultural payrolls, estrablishment survey (M).-Department of Labor, Bureau of Labor Statistics
(B1, B8, E3, E4)
42. Total number of persons engaged in nonagricultural activities, labor force survey ( $M$ ).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(B1)
*43. Unemployment rate, total (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
( $\mathrm{B} 1, \mathrm{~B} 8$ )
*44. Unemployment rate, 15 weeks and over (M).Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(B1, B8)
45. Average weekly insured unemployment rate, State programs (M).-Department of Labor, Manpower Administration
(B1)
46. Index of help-wanted advertising in newspapers (M).-The Conference Board
(B1)
*47. Index of industrial production (M).-Board of Governors of the Federal Reserve System
(B2, B8, E3, E4, E5, F2)
48. Man-hours in nonagricultural establishments (M).Department of Labor, Bureau of Labor Statistics
(B1, E5)
50. Number of job vacancies in manufacturing (M).Department of Labor, Bureau of Labor Statistics (B1)
*52. Personal income (M).-Department of Commerce, Bureau of Economic Analysis
(B2, B8)
53. Wage and salary income in mining, manufacturing, and construction ( M ).-Department of Commerce, Bureau of Economic Analysis
(B2)
*54. Siales of retail stores $(M)$.-Department of Commerce, Bureau of the Census
(B2, B8, E3, E4)
55. Index of wholesale prices, industrial commodities (M).-Department of Labor, Bureau of Labor Statistics
( $85, \mathrm{E5}$ )
*56. Manufacturing and trade sales (M).-Department of Commerce, Bureau of Economic Analysis and Bureau of the Census
(B2, B8)
57. Final sales (series 200 minus series 245) ( 0 ). - Department of Commerce, Bureau of Economic Analysis
(B2)
58. Index of wholesale prices, manufactured goods (M).-Department of Labor, Bureau of Labor Statistics
( $85, ~ D 4, ~ E 3, ~ E 4) ~$
59. Sales of retail stores, 1967 dollars (M).-Department of Commerce, Bureau of Economic Analysis
(B2)
*61. Business expenditures for new plant and equipment, total ( 0 ).-Department of Commerce, Bureau of Egonomic Analysis, and the Securities and Exchange Commission
(B3, B8, C1, C2)
*62. Index of labor cost per unit of output, total manufacturing-ratic, index of compensation of employees in manufacturing (the sum of wages and salaries and supplements to wages and salaries) to index of industrial production, manufacturing (M).-Department of Commerce, Bureau of Economic Analysis, and the Board of Governors of the Federal Reserve System
( 85,88 )

## Titles and Sources of Series

## (Continued)

63. Index of unit labor cost, total private economy (0).-Department of Labor, Bureau of Labor Statistics
(B5)
64. Manufacturers' inventories of finished goods, book value, all manufacturing industries (EOM).-Department of Commerce, Bureau of the Census
(B4)
65. Consumer installment debt (EOM).-Board of Governors of the Federal Reserve System. FRS seasonally adjusted net change added to seasonaily adjusted figure for previous month to obtain current figure
(B6)
"67. Bank rates on short-term busintess loans, 35 cities (0).-Board of Governors of the Federal Reserve System
( 86,88 )
66. Labor cost (current dollars) per unit of gross product ( 1958 dollars), nonfinancial corporations-ratio of current-dollar compensation of employees to gross corporate product in 1958 dollars ( Q ).-Department of Commerce, Bureau of Economic Analysis
(B5)
67. Manufacturers' machinery and equipment sales and business construction expenditures (industrial and commercial construction put in place) (M).Department of Commerce, Bureau of the Census (B3)
"71. Manufacturing and trade inventories, total book value (EOM).-Department of Commerce, Bureau of Economic Analysis and Bureau of the Census (B4, B8)
*72. Commercial and industrial loans outstanding, weekly reporting large commercial banks (EOM).-Board of Governors of the Federal Reserve System; seasonal adjustment by Bureau of Economic Analysis (B6, B8)
68. Change in U.S. money supply (demand deposits plus currency) [M1] (M).-Board of Governors of the Federal Reserve System
(B6)
69. Free reserves (member bank excess reserves minus borrowings) (M). -Board of Governors of the Federal Reserve System
(B6)
70. Manufacturers' unfilied orders, durable goods industries (EOM).-Department of Commerce, Bureau of the Census
(B3)
71. Backlog of capital appropriations, manufacturing (EOO).-The Conference Board
(B3)
72. Change in U.S. money supply plus time deposits at commercial banks other than large CD's [M2] (M).-Board of Governors of the Federal Reserve System
( 86 )
73. Change in U.S. money supply, plus time deposits at commercial banks other than large CD's, plus deposits at nonbank thrift institutions [M3] (M).-Board of Governors of the Federal Reserve System
(86)
74. Total funds raised by private nonfinancial borrowers in credit markets ( 0 ).-Board of Governors of the Federal Reserve System
(B6)
75. Net change in bank loans to businesses (M).-Board of Governors of the Federal Reserve System; seasonal adjustment by Bureau of Economic Analysis
(B6)
*113. Net change in consumer instaliment debt (M).-Board of Governors of the Federal Reserve System (B6, B8)
76. Discount rate on new issues of 9 -day Treasury bills (M).-Board of Governors of the Federal Reserve System
77. Yield on long-term Treasury bonds (M).-Treasury Department
78. Yield on new issues of high-grade corporate bonds (M).-First National City Bank of New York and Treasury Department
(B6)
79. Yield on municipal bonds, 20 -bond average ( M ). - The Bond Buyer
(B6)
80. Secondary market yields on FHA mortgages (M).-Department of Housing and Urban Development, Federal Housing Administration
(B6)
*200. Gross national product in current dollars (a). See in section $A$.
*205. Gross national product in 1958 dollars ( 0 ). See in section $A$.
81. Change in business inventories (GNP component) (0). See in section $A$.
82. Twelve leading indicators-reverse trend adjusted composite index (includes series 1, 5, 6, 10, 12, 16 17, 19, 23, 29, 31, and 113) (M).-Department of Commerce, Bureau of Economic Analysis
(B7)
83. Twelve leading indicators-composite index prior to reverse trend adjustment (includes series 1, 5, 6, 10 , 12, 16, 17, 19, 23, 29, 31, and 113) (M).-Depart ment of Commerce, Bureau of Economic Analysis
(B7)
84. Marginal employment adjustments-leading composite index (includes series 1,2,3, and 5) (M).Department of Commerce, Bureau of Economic Analysis
(B7)
85. Capital investment commitments-leading composite index (includes series 6, 10, 12, and 29) (M).Department of Commerce, Bureau of Economic Analysis
(B7)
86. Inventory investment and purchasing-leading composite index (includes series 23,25,31, and 37) (M).-Department of Commerce, Bureau of Economic Analysis
(B7)
87. Profitability-leading composite index (includes series 16, 17, and 19) (M).-Department of Commerce, Bureau of Economic Analysis
(B7)
88. Sensitive financial flows-leading composite index (includes series 33, 85, 112, and 113) (M). -Department of Commerce, Bureau of Economic Analysis
89. Five coincident indicators-composite index (includes series 41, 43, 47, 52, and 56) (M).-Department of Commerce, Bureau of Eccnomic Analysis
(B7, E5)
90. Five coincident indicators-deflated composite index (includes series 41, 43, 47, 52D and 56D) (M).Department of Commerce, Bureau of Economic Analysis
(87)
91. Six lagging indicators-composite index (includes series 44, 61, 62, 67, 71, 72) (M).-Department of Commerce, Bureau of Economic Analysis (B7)

## C Anticipations and Intentions

61. Business expenditures for new plant and equipment, all industries ( O ). See in section $B$.
62. Manufacturers' sales, total value ( 0 ). - Department of Commerce. Bureau of the Census and Bureau of Economic Analysis
(C1)
63. Manufacturers' inventories, total book value (EOO).-Department of Commerce, Bureau of the Census and Bureau of Economic Analysis (C1)
64. Percent of total book value of inventories held by manufacturers classifying their holdings as high, less percent classifying holdings as low (EOO).-Department of Commerce, Bureau of Economic Analysis
(C1)
65. Percent of total gross capital assets held by companies classifying their existing capacity as inadequate for prospective operations over the next 12 months, less percent classifying existing capacity as excessive ( EOO ).-Department of Commerce, Bureau of Economic Analysis
(C1)
66. Current income of households compared to income a year ago (percent higher, lower, and unchanged) (0).-Department of Commerce, Bureau of the Census
67. Mean probability (average chances in 100) of substantial changes (increase, decrease, and increase less decrease) in income of households ( 0 ). - Department of Commerce, Bureau of the Census
(C1)
68. Number of new cars purchased by households (0).-Department of Commerce. Bureau of the Census
(C1)
69. Index of consumer sentiment (Q).-University of Michigan, Survey Research Center
(C1)
D440. New orders, manufacturing ( 0 ). -Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)

D442. Net profits, manufacturing and trade (0).-Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)

D444. Net sales, manufacturing and trade ( 0 ) - Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)

D446. Number of employees, manufacturing and trade (0). - Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)
(C2)
0450. Level of inventories, manufacturing and trade (0).-Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)

D460. Selling prices, manufacturing and trade (0). -Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)
(C2)
D462. Selling prices, manufacturing (0), -Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)

D464. Selling prices, wholesale trade (d).-Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)
(C2)
D466. Selling prices, retail trade (0).-Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)
(C2)

## D Other Key Indicators

55. Index of wholesale prices, industrial commodities (M). See in section B.
56. Index of wholesale prices, manufactured yoods (M). See in section B.
57. Fixed weighted price index, gross private product (0).-Department of Commerce, Bureau of Economic Analysis
(D4)
58. Balance on goods and services; U.S. balance of payments ( $Q$ ). See in section A.
59. Exports of goods and services, excludiny transfers under military grants; U.S. balance of payiments ( Q ). See in section A.
60. Imports of goods and services: U.S. balance of payments ( 0 ). See in section A.
61. Federal Government purchases of goods and services, national defense ( 0 ). See in section A.
62. Merchandise trade balance (Series 502 minus series $512)(\mathrm{M}) . \rightarrow$ Department of Commerce, Bureau of the Census
(D1)
63. Exports, excluding military aid shipments, total (M).-Department of Commerce, Bureau of the Census
(D)

## Titles and Sources of Series <br> (Continued)

506. Manufacturers' new orders for export, durable goods except motor vehicles and parts (M).-Department of Commerce, Bureau of the Census
507. Index of export orders for nonelectrical machinery (M).-McGraw-Hill, Department of Economics; seasonal adjustment by Bureau of Economic Analysis (D1)
508. General imports, total (M).-Department of Commerce, Bureau of the Census
(D1)
509. Balance on goods, services and remittances; U.S. balance of payments ( Q ).-Department of Commerce, Bureau of Economic Analysis
(D2)
510. Balance on current account; U.S. balance of payments (Q).-Department of Commerce, Bureau of Economic Analysis
(D2)
511. Balance on current account and long term capital; U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
512. Net liquidity balance; U.S. balance of payments (O). -Department of Commerce, Bureau of Economic Analysis
(D2)
513. Official reserve transactions balance; U.S. balance of payments ( O ).-Department of Commerce, Bureau of Economic Analysis
(D2)
514. Liquid liabilities (excluding military grants) to all foreigners, total outstanding: U.S. balance of payments (EOO).-Department of Commerce, Bureau of Economic Analysis
(D2)
515. Liquid and certain nonliquid liabilities (excluding military grants) to foreign official agencies, total outstanding: U.S. balance of payments (EOO).Department of Commerce, Bureau of Economic Analysis
(D2)
516. U.S. official reserve (assets) position, excluding military grants: U.S. balance of payments (EOO).Department of Commerce, Bureau of Economic Analysis
(D2)
517. Allocations to the U.S. of Special Drawing Rights: U.S. balance of payments ( O ).-Department of Commerce, Bureau of Economic Analysis
(D2)
518. Merchandise exports, adjusted, excluding military grants: U.S. balance of payments (0).-Department of Commerce Bureau of Economic Analysis
519. Merchandise imports, adjusted, excluding military: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
520. U.S. investment income, military sales, and other services exports, excluding military grants: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
521. Foreigners' investment income, military expenditures and other services imports: U.S. balance of payments (a).-Department of Commerce, Bureau of Economic Analysis
(D2)
522. Income on U.S. investments abroad: U.S. balance of payments ( Q ).-Department of Commerce, Bureau of Economic Analysis
(D2)
523. Income on foreign investments in the U.S.: U.S. balance of payments ( Q ),-Department of Commerce, Bureau of Economic Analysis
(D2)
524. Receipts from foreign travelers in the U.S.: U.S. balance of payments ( Q ). -Department of Commerce, Bureau of Economic Analysis
(D2)
525. Payments by U.S. travelers abroad: U.S. balance of payments ( Q ).-Department of Commerce, Bureau of Economic Analysis
(D2)
526. Military sales to foreigners: U.S. balance of payments (0).--Department of Commerce, Bureau of Economic Analysis
527. U.S. military expenditures abroad: U.S. balance of payments (0)-Department of Commerce. Bureau of Economic Analysis
(D2)
528. Receipts for transportation and other services: U.S. balance of payments ( 0 ). -Department of Commerce, Bureau of Economic Analysis
(02)
529. Payments for transportation and other services: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
530. Foreign direct investments in the U.S.: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
531. U.S. direct investments abroad: U.S. balance of payments ( O ).-Department of Commerce, Bureau of Economic Analysis
(D2)
532. Foreign purchases of U.S. securities: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
533. U.S. purchases of foreign securities: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
534. Government grants and capital transactions, net: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
535. Banking and other capital transactions, net: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
536. Federal Government surplus or deficit, national income and product accounts ( O ).-Department of Commerce, Bureau of Economic Analysis
(D3)
537. Federal Government receipts, national income and product accounts ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D3)
538. Federal expenditures, national income and product accounts ( 0 ).-Department of Commerce, Bureau of Economic Analysis
539. Defense Department obligations incurred, total, excluding military assistance (M).-Department of Defense, Fiscal Analysis Division; seasonal adjustment by Bureau of Economic Analysis
(D3)
540. Defense Department obligations incurred, procurement (M).-Department of Defense, Fiscal Analysis Division; seasonal adjustment by Bureau of Economic Analysis
541. Military prime contract awards to U.S. business firms and institutions (M).-Department of Defense, Directorate for Statistical Services; seasonal adjustment by Bureau of Economic Analysis
(03)
542. New orders, defense products industries (M).Department of Commerce, Bureau of the Census (D3)
543. New orders, defense products ( $M$ ).-Department of Commerce, Bureau of the Census
(D3)
544. Index of average hourly earnings of production workers, private nonfarm economy-adjusted for overtime (in manufacturing only), interindustry employment shifts, and seasonality (M).-Department of Labor, Bureau of Labor Statistics
(D5)
545. Index of real average hourly earnings of production workers, private nonfarm economy-adjusted for overtime (in manufacturing only), interindustry employment shifts, and seasonality (M).-Department of Labor, Bureau of Labor Statistics
(D5)
546. Index of average hourly compensation, all employees, private nonfarm economy (0).-Department of Labor, Bureau of Labor Statistics
(D5)
547. Index of real average hourly compensation, all employees, private nonfarm economy ( 0 ).-Department of Labor, Bureau of Labor Statistics
(D5)
548. Negotiated wage and benefit decisions, all indus-tries-first year average (mean) changes ( 0 ).Department of Labor, Bureau of Labor Statistics(D5)
549. Negotiated wage and benefit decisions, all indus-tries-average (mean) changes over life of contract (Q).-Department of Labor, Bureau of Labor Statistics
(D5)
550. Index of wholesale prices, all commodities (M).Department of Labor, Bureau of Labor Statistics (D4)
551. Index of wholesale prices, processed foods and feeds (M).-Department of Labor, Bureau of Labor Statistics
(D4)
552. Index of wholesale prices, farm products (M).Department of Labor, Bureau of Labor Statistics(D4)
553. Index of output per man-hour, total private economy (0).-Department of Labor, Bureau of Labor Statistics
(D.5)
554. Index of consumer prices (M).-Department of Labor, Bureau of Labor Statistics
(D4, E5, F1)
555. Index of consumer prices, food (M).-Department of Labor, Bureau of Labor Statistics
(D4)
556. Index of consumer prices, commodities less food (M).-Department of Labor, Bureau of Labor Statistics
(D4)
557. Index of consumer prices, services (M).-Department of Labor, Bureau of Labor Statistics
(D4)
558. Total civilian labor force, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
559. Total civilian employment, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census

560. Number of persons unemployed, lator force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
561. Unemployment rate, males 20 years and over, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
562. Unemployment rate, females 20 years and over, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce. Bureau of the Census
563. Unemployment rate, both sexes $\mathbf{1 6 . 1 9}$ years of age, labor force survey (M).-Department of Labor. Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
564. Unemployment rate, white, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
565. Unemployment rate, Negro and other races, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
566. Index of output per man-hour, total private nonfarm (0).-Department of Labor, Bureau of Labor Statistics
(D5)
567. Real spendable average weakly earnings of production or nonsupervisory workers (with 3 dependents) on private nonagricultural payrolls, 1957.59 dollars (M).-Department of Labor, Bureau of Labor Statistics
(D5)

FIRST CLASS MAIL

## Titles and Sources of Series (Continued)

## E Analytical Measures

47. Index of industrial production (M). See in section B.
48. Man-hours in nonagricultural establishments (M). See in section $B$.
49. Personal income (M). See in section B.
50. Sales of retail stores (M). See in section B.
51. GNP in current dollars ( $Q$ ). See in section $A$.
52. Gross national product in 1958 dollars ( 0 ). See in section A .
53. Potential level of gross national product in 1958 dollars (0).-Council of Economic Advisers(E1)
54. Gap-the potential GNP (series 206) less the actual GNP (series. 205) (0).-Council of Economic Advisers
(E1)
55. Five coincident indicators-composite index (includes series 41, 43, 47, 52, and 56) (M). See in section 8 .
56. Ratio, output to capacity, manufacturing (0).-Board of Governors of the Federal Reserve System, Department of Commerce, and McGraw-Hill Economics Department
(E2)
57. Ratio, inventories (series 71) to sales (series 56), manufacturing and trade total (EOM).-Department of Commerce. Bureau of Economic Analysis
(E2)
58. Ratio, unfilled orders (series 96) to shipments manufacturers' durable goods (EOM).-Department of Commerce, Bureau of the Census
(E2)
59. Ratio, production of business equipment to production of consumer goods ( M ). $\bullet$ Board of Governors of the Federal Reserve System. (Based upon components of the Federal Reserve index of industrial production.)
(E2)
60. Ratio, personal saving to disposable personal income (series 292 divided by series 224) (a) -Department of Commerce, Bureau of Economic Analysis
61. Vacancy rate in rental housing-unoccupied rental housing units as a percent of total rental housing (Q).-Department of Commerce, Bureau of the Census
(E2)
62. Ratio, help-wanted advertising in newspapers (series 46) to total number of persons unemployed (M).-The Conference Board, and Department of Labor, Bureau of Labor Statistics

The " $D$ " preceding a number indicates a diffusion index. Diffusion indexes and corresponding aggregate series bear the same number and are obtained from the same sources. See section 8 for titles and sources of D1, D5, D6, D11, D19, D23, D4I, D47, D54, D58, D61, and section C for D440, D442, D444, D446, D450, D460, D462, D464, D466, and D480. Sources for other diffusion indexes are as follows:

D34. Profits, manufacturing, FNCB (0).-First National City Bank of New York; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Research, Inc.

## F International Comparisons

19. United States, index of stock prices, 500 common stocks (M). See in section B.
20. United States, index of industrial production (M). See in section B.
21. Organization for Economic Cooperation and Development, European Countries, index of industrial production (M).-Organization for Economic Cooperation and Development (Paris)
22. United Kingdom, index of industrial production (M).-Central Statistical Office (London)(F2)
23. Canada, index of industrial production (M).Dominion Bureau of Statistics (Ottawa) (F2)
24. West Germany, index of industrial production (M).-Statistisches Bundesamt (Wiesbaden); seasonal adjustment by OECD
(F2)
25. France, index of industrial production (M).-Institut National de la Statistique et des Etudes Economiques (Paris)
(F2)
26. Italy, index of industrial production (M).-|nstituto Centrale di Statistica (Rome)
27. Japan, index of industrial production (M).-Ministry of International Trade and Industry (Tokyo) (F2)
28. United Kingdom, index of consumer prices (M).Ministry of Labour (London)
29. Canada, index of consumer prices (M).-Dominion Bureau of Statistics (Ottawa)
30. West Germany, index of consumer prices (M).Statistisches Bundesamt (Wiesbaden) (Fi)
31. France, index of consumer prices ( $M$ ).-Institut National de la Statistique et des Etudes Economiques (Paris)
(F1)
32. Italy, index of consumer prices (M).- Instituto Centrale di Statistica (Rome)
(F1)
33. Japan, index of consumer prices (M).-Office of the Prime Minister (Tokyo)
(F1)
34. United Kingdom, index of stock prices (M).- The Financial Times (London)
(F3)
35. Canada, index of stock prices (M).-Dominion Bureau of Statistics (Ottawa)
(F3)
36. West Germany, index of stock prices (M).Statistisches Bundesamt (Wiesbaden)
(F3)
37. France, index of stock prices (M).-Institut National de la Statistique et des Etudes Economiques (Paris)
(F3)
38. Italy, index of stock prices (M).-Instituto Centrale di Statistica (Rome)
(F3)
39. Japan, index of stock prices (M).-Tokyo Stock Exchange (Tokyo)
(F3)
40. United States, index of consumer prices (M). See in section D.

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[^3]:    Current data for these serios are shown on page 96

