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# BUREAU OF ECONOMIC ANALYSIS 

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## ANTICIPATIONS

 ANDINTENTIONS 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.


This monthly report brings together many of the economic time series found most useful by business analysts and forecasters. Its predecessor, Business Cycle Developments, emphasized the cyclical indicators approach to the analysis of business conditions and was based largely on the list of leading, roughly coincident, and lagging indicators maintained by the National Bureau of Economic Research, Inc. Some other approaches commonly used by students of economic conditions include econometric models and anticipations and intentions data. The econometric model concept utilizes historical and mathematical relationships among consumption, private investment, government, and various components of the major aggregates to generate forecasts of gross national product and its composition. Anticipations and intentions data express the expectations of businessmen and the intentions of consumers. Most of the content of Business Cycle Developments has been retained in this new report and additional data reflecting the emphasis of other approaches have been added to make it more generally useful to those concerned with an evaluation of current business conditions and prospects.

The use of the National Bureau's list of indicators and business cycle turning dates in the cyclical indicators section of this report, as well as the use of other concepts, is not to be taken as implying endorsement by the Bureau of Economic Analysis or any other government agency of any particular approach to economic analysis. This report is intended only to provide statistical information so arranged as to facilitate the analysis of the course of the Nation's economy.

Almost all of the basic data presented in this report have been published by their source agencies. A series finding guide, as well as a complete list of series titles and data sources, is shown at the back of this report.

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## A limited number of

 changes are made from time to time to incorporate recent findings of economic research, newly available 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. Appendix C contains historical data for series 548, 549,
j0, 561, 564, and 565.
2. Appendix $G$ contains recovery comparisons charts for series 6, 18, 19, 23, 28, 61, and 810.
le January issue of BUSINESS CONDITIONS DIGEST is scheduled for Ilease on January 31.

## BUSINESS CONDITIONS DIGEST

A monthly report for analyzing economic fluctuations over a short span of years.

This report brings together approximately 600 monthly and quarterly economic time series in a form which is convenient for analysts whether their approach to the study of current business conditions and prospects is the national income model, the leading indicators, anticipations and intentions, or a combination of these. Other types of data such as foreign trade, Federal government activities, and international comparisons of consumer prices, stock prices, and industrial production are included to facilitate a more complete analysis.
Data are presented in charts and tables, and appendixes are included which provide historical data, series descriptions, seasonal adjustment factors, and measures of variability. Also, a computer tape containing data for most of the series in the report is available for purchase.

## DEFENSE INDICATORS

A monthly report for analyzing the current and prospective impact of defense activity on the national economy.

This report brings together the principal time series on defense activities which influence short-term changes in the national economy. These include series on obligations, contracts, orders, shipments, inventories, expenditures, employment, and earnings. The approximately 50 time series included are grouped in accordance with the time at which the activities they measure occur in the defense order-produc. tion-delivery process. Most are monthly series, although a few are quarterly. This publication provides original and seasonally adjusted basic data in monthly, quarterly, and annual form. Charts and analytical tables are included to facilitate interpretation.

## LONG TERM ECONOMIC GROWTH

A report for the study of economic fluctuations over a long span of years, 1860-1965.

This report has been developed from available statistics to provide a comprehensive, long-range view of the U.S. economy. It has been planned, prepared, and published as a basic research document for economists, historians, investors, teachers, and students. It brings together for the first time under one cover, in meaning. ful and convenient form, the complete statistical basis for a study of long-term economic trends. It is a unique presentation of the full range of factors required for an understanding of our country's economic develop. ment. Some of the statistical series go back to 1860. A computer tape file of the time series included in the report is available for purchase.

COMPUTER PROGRAMS FOR TIME SERIES ANALYSIS

The source statements for FORTRAN IV programs which are used by the Bureau in its analysis of time series are available from the Bureau on a single computer tape.

SEASONAL ADJUSTMENT PROGRAMS.-Two variants of the Census computer program for measuring and analyzing seasonal, tradingday, cyclical, and irregular fluctuations and the relations among them. They are partict larly useful in analyzing economic fluctuations which take place within a year. The $\mathrm{x}-11$ variant is used for adjusting monthly data and th $x-11 Q$ for quarterly data. These programs can make ad ditive as well as multiplicative adjustments and compute many summary and analytica measures of the behavior of each series.

## DIFFUSION INDEX

PROGRAM.-A computer program for computing diffusion indexes, cumulated diffusion indexes, and summary measures of the properties of each index.

## 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 Averages

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 irreguiar 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 des ignating 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 Nation'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 nomprofit 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

CYCLICAL indICATORS

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 by

 Economic Process and Cyclical Timing|  | l. 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 (14 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 <br> (1 series) <br> Profits and profit margins (5 series) <br> Cash flows (2 series) | Flows of money and credit (7 series) <br> Credit difficulties (2 series) |
| ROUGHLY COINCIDENT INDICATORS (26 series) | Job vacancies (2 series) Comprehensive employment (3 series) Comprehensive unemployment (3 series) | Comprehensive production (3 series) <br> Comprehensive income <br> (2 series) <br> Comprehensive consumption and trade (4 series) | Backlog of investment commitments (2 series) |  | Comprehensive wholesale prices (2 series) | Bank reserves <br> (1 series) <br> Money market interest rates <br> (4 series) |
| LAGGING INDICATORS (12 series) | Long-duration unemployment (1 series) |  | Investment expenditures (2 series) | Inventories (2 series) | Unit labor costs (3 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 they 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 econ omy. This section presents a number of such 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). 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 varia bles (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.


Scale shows percent of components rising.

Arabic number indicates latest month for which data are used in computing the indexes. (" 6 " $=$ June)

Roman number indicates latest quarter for which data are used in computing the indexes. (" $\mid$ " $=$ first quarter)

Broken line with plotting points indicates quarterly data over various spans.

NOTE: Some of the charts of anticipations and intentions data (section C) and balance of payments data (section D) do not conform to the above method of presentation. Deviations are adequately explained as they occur.

## HOW TO LOCATE A SERIES

1. See ALPHABETICAL INDEX-SERIES FINDING GUIDE in the back of the report where series are arranged alphabetically according to subject matter and key words and phrases of the series titles, or
2. See TITLES AND SOURCES OF SERIES where series are listed in numerical order according to series numbers within each of the Digest's six sections.

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

| Series title | $\begin{gathered} \text { Unit } \\ \text { of } \\ \text { measure } \end{gathered}$ | Basic data ${ }^{1}$ |  |  |  |  |  |  |  |  | Percent change |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Average |  |  | $\begin{aligned} & 2 \mathrm{~d} 9 \\ & 1971 \end{aligned}$ | $\begin{aligned} & 3 \mathrm{~d} 0 \\ & 1971 \end{aligned}$ | $\begin{gathered} 4 \mathrm{i} h 1 \\ 1971 \end{gathered}$ | $\begin{aligned} & \text { 1st Q } \\ & 1972 \end{aligned}$ | $\begin{gathered} 2 \mathrm{~d} 0 \\ 1972 \end{gathered}$ | $\begin{aligned} & 3 \mathrm{~d} 0 \\ & 1972 \end{aligned}$ | $\begin{gathered} \text { 4th 0 } \\ \text { to } \\ 1 \text { st Q } \\ 1972 \\ \hline \end{gathered}$ | $\begin{gathered} 1 \text { st } 0 \\ \text { to } \\ 2 \mathrm{~d} 0 \\ 1972 \\ \hline \end{gathered}$ | $\begin{gathered} 2 \mathrm{~d} 0 \\ \text { to } \\ 3 \mathrm{~d} 0 \\ 1972 \\ \hline \end{gathered}$ |  |
|  |  | 1969 | 1970 | 1971 |  |  |  |  |  |  |  |  |  |  |
| A. NATIONAL INCOME AND PRODUCT <br> A1. Gross National Product |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 200. GNP in current dollars | Ann.rate, bil.dol. | 930.3 | 976.4 | 1050.4 | 1043.0 | 1056.9 | $1078 \cdot 1$ | 1109.1 | 1139.4 | 1164.0 | 2.9 | 2.7 | 2.2 | 200 |
| 205. GNP in 1958 doilars. |  | 725.6 | 722.1 | 741.7 | 737.9 | 742.5 | 754.5 | 766.5 | 783.9 | 796.1 | 1.6 | 2.3 | 1.6 | 205 |
| 210. Implicit price deflator. | 1958 $=100$ | 128.2 | 135.2 | 141.6 | 141.3 | 142.4 | 142.9 | 144.7 | 145.3 | 146.2 | 1.3 | 0.4 | 0.6 | 210 |
| 215. Per capita GNP in current dollars. | Ann. rate, dol... | 4.588 | 4.765 | 5.072 | 5,043 | 5,098 | $5 \cdot 187$ | 5.326 | $5 \cdot 461$ | 5.568 | 2.7 | 2.5 | 2.0 | 215 |
| 217. Per capita GNP in 1958 dollars. . | $\ldots .$. do ... | 3,579 | $3 \cdot 524$ | 3.582 | 3,568 | 3,582 | 3.630 | $3 \cdot 681$ | 3.757 | 3,808 | 1.4 | 2.1 | 1.4 | 217 |
| A2. Nationol and Personal Income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 220. National income, current dollars.. | Ann.rate,bil.dol. | 766.0 | 798.6 | 855.7 | 851.4 | 860.8 | 876.2 | 903.1 | 922.1 | 943.0 | 3.1 | 2.1 | 2.3 | 220 |
| 222. Personal income, current dollars. | ..... do | 750.9 | 806.3 | 861.4 | 858.1 | 867.9 | 881.5 | 907.0 | 922.1 | 939.9 | 2.9 | 1.7 | 1.9 | 222 |
| 224. Disposable personal income, current dol. | do | 634.4 | 689.5 | 744.4 | 742.9 | 750.4 | 758.5 | 770.5 | 782.6 | 798.8 | 1.6 | 1.6 | 2.1 | 224 |
| 225. Disposable personal income, 1958 dol. . . | do | 513.6 | 533.2 | 554.7 | 554.6 | 556.5 | $560 \cdot 9$ | 565.7 | 571.4 | 579.6 | 0.9 | 1.0 | 1.4 | 225 |
| 226. Per capita disposable personal income, current dollars. | Ann. rate, dol... | 3.130 | 3,366 | 3.595 | 3.592 | 3.620 | 3.649 | 3,700 | 3,751 | 3,821 | 1.4 | 1.4 | 1.9 | 226 |
| 227. Per capita disposable personal income 1958 doliars | do | 2,534 | 21603 | 2.679 | 2,682 | 2.684 | 2.698 | 2,716 | 2,739 | 2,773 | 0.7 | 0.8 | 1.2 | 227 |
| A3. Personal Consumption Expenditures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 231. Total, 1958 dollars | do | 469.1 | 477.0 | 495.4 | 493.0 | 497.4 | 503.2 | 511.0 | 520.9 | 528.7 | 2.3 1.6 | 1.9 | 1.5 | 230 231 |
| 232. Durable goods, current doiliars. | do | 90.8 | 90.5 | 103.5 | 101.9 | 106.1 | 106.1 | 111.0 | 113.9 | 118.6 | 4.6 | 2.6 | 4.1 | 232 |
| 233. Durable goods, exc. autos, current dollars. . | do | 59.1 | 62.5 | 68.1 | 67.6 | 69.9 | 70.2 | 74.1 | 75.7 | 77.0 | 5.6 | 2.2 | 1.7 | 233 |
| 234. Automobiles, current dollars. | do | 31.7 | 28.0 | 35.4 | 34.3 | 37.1 | 35.9 | 36.9 | 38.2 | 41.6 | 2.8 | 3.5 | 8.9 | 234 |
| 236. Nondurable goods, current dollars. | do | 245.9 | 264.4 | 278.1 | $277 \cdot 2$ | 278.5 | 283.4 | 288.3 | 297.2 | 302.0 | 1.7 | 3.1 | 1.6 | 236 |
| 237. Services, current dollars. . . . . . . | do | 242.7 | 261.8 | 283.3 | 281.3 | 286.1 | 290.9 | 296.7 | 302.4 | 308.0 | 2.0 | 1.9 | 1.9 | 237 |
| A4. Gross Private Domestic Investment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 240. Gross private domestic investment, total... | Ann.rate, bil.dol - | 139.0 | 137.1 | 152.0 | 153.0 | 152.2 | 158.8 | 168.1 | 177.0 | 183.2 | 5.9 | 5.3 | 3.5 | 240 |
| 241. Fixed investment, total nonresidential .... | ..... do ..... | 98.5 | 100.9 | 105.8 | 105.0 | 106.3 | 109.8 | 116.1 | 119.2 | 120.7 | 5.7 | 2.7 | 1.3 | 241 |
| 242. Fixed investment, nonresidential structures. | $\ldots .$. do..... | 34.2 | 36.0 | 38.4 | 38.3 | 38.7 | 38.8 | 41.3 | 42.0 | 41.8 | $6 \cdot 4$ | 1.7 | -0.5 | 242 |
| 243. Fixed investment, producers' dur. equip... . | do | 64.3 | 64.9 | 67.4 42.6 | 66.7 | 67.6 | 71.0 | 74.8 | 77.2 | 79.0 | $5 \cdot 4$ | 3.2 | 2.3 | 243 |
| 244. Fixed investment, residential structures... | do | 32.6 7.8 | 31.2 4.9 | 42.6 3.6 | 41.4 6.6 | 44.5 1.3 | 47.3 1.7 | 51.6 0.4 | 52.8 5.0 | 54.4 8.0 | 9.1 -1.3 | 2.3 4.6 | 3.0 3.0 | 244 245 |
| 245. Change in business inventories, tota ${ }^{2} \ldots$. | ..... do | 7.8 | 4.9 | 3.6 |  |  | 1.7 | 0.4 | 5.0 | 8.0 | -1.3 | 4.6 | 3.0 | 245 |
| A5. Foreign Trade |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 250. Net exports of goods and services ${ }^{2}$. | Ann.rate, bil.dol . | 1.9 | 3.6 | -7 | 0.1 | 0.4 | -2.1 | -4.6 | -5.2 | -3.4 | -2.5 | -0.6 | 1.8 | 250 |
| 252. Exports. . . . . . . . . . . . . . . . . . | ..... do | 55.5 | 62.9 | 66.1 | 66.7 | 68.5 | 63.0 | 70.7 | 70.0 | 74.4 | 12.2 | -1.0 | 6.3 | 252 |
| 253. Imports. | do | 53.6 | 59.3 | 65.4 | 66.6 | 68.2 | 65.1 | 75.3 | 75.2 | 77.8 | 15.7 | -0.1 | 3.5 | 253 |
| A6. Government Purchases of Goods and Services |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 260. Total . | Ann.rate,bil.dol | 210.0 | 219.0 | 232.8 | 229.5 | 233.6 | 240.9 | 249.4 | 254.1 | 255.6 | 3.5 | 1.9 | 0.6 | 260 |
| 262. Federal | ..... do | 98.8 | 96.5 | 97.8 | 96.3 | 97.9 | 100.7 | 105.7 | 108.1 | 105.4 | 5.0 | 2.3 | -2.5 | 262 |
| 264. National defense | do | 78.4 | 75.1 | 71.4 | 71.2 | 70.1 | 71.9 | 75.7 | 78.6 | 75.1 | 6.7 | 2.5 | -4.5 | 264 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A7. Final Sales and Inventories |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 271 |
| 274. Final sales, nondurable goods ........... | do | 267.4 | 284.0 | 297.3 | 294.8 | 298.5 | 303.0 | 308.4 | 317.5 | 321.7 | 1.8 | 3.0 | 1.3 | 274 |
| 275. Change in business inventories, nondurable goods ${ }^{2}$. | do | 2.8 | 3.0 | 2.5 | 3.1 | 2.3 | 3.5 | 0.0 | 2.1 | 2.6 | -3.5 | 2.1 | 0.5 | 275 |
| A8. National Income Components |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 280. Compensation of employees. | Ann.rate, bil.dol . | 566.0 | 603.8 | 644.1 | 639.6 | 648.0 | 660.4 | 682.7 | 697.8 | 710.2 | 3.4 | 2.2 | 1.8 | 280 |
| 282. Proprietors' income. . . . | ..... do..... | 67.2 | 66.8 | 70.0 | 69.3 | 70.7 | 71.8 | 73.3 | 73.2 | 75.3 | 2.1 | -0.1 | 2.9 | 282 |
| 284. Rental income of persons. . . . . . . . . . . . . . | ..... do. | 22.6 | 23.3 | 24.5 | 24.4 | 24.8 | 25.0 | 25.2 | 24.2 | 26.2 | 0.8 | -4.0 | 8.3 | 284 |
| 286. Corp. profits and inventory valuation adj .. | do | 79.8 | 69.9 34.9 | 78.6 | 80.1 | 78.3 | 79.4 | 81.8 | 86.1 | 89.6 | 3.0 | 5.3 | 4.1 | 286 |
| 288. Net interest . . . . . . . . . . . . . . . . . . | ...... do..... | 30.5 | 34.8 | 38.5 | 38.1 | 39.1 | 39.7 | 40.1 | 40.9 | 41.7 | 1.0 | 2.0 | 2.0 | 288 |
| A9. Soving |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 290. Gross saving, total.................. | Ann.rate, bil.dol . | 143.9 | 142.1 | 153.9 | 154.8 | 154.6 | 157.8 | 163.9 | 168.0 | 173.6 | 3.9 | 2.5 | 3.3 | 290 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 296. Capital consumption allowances | . do.. | 81.6 | 86.3 | 93.8 | 92.4 | 95.0 | 97.4 | 99.7 | 105.3 | 104.1 | 2.4 | 5.6 | -1.1 | 296 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 273. Final sales, 1958 dollars. . . . . . . . . . . . | Ann.rate, bil.dol . | 718.9 | 718.0 | 739.1 | 732.6 | 741.7 | 753.8 | 766.3 | 780.0 | 789.8 | 1.7 | 1.8 | 1.3 | 273 |
| 246. Change in bus. inventories, 1958 dollars ${ }^{2}$. | ..... do..... | 6.7 | 4.1 | 2.6 | 5.3 | 0.7 | 0.7 | 0.3 | 3.9 | 6.2 | -0.4 | 3.6 | 2.3 | 246 |
| 247. Fixed invest., nonresidential, 1958 dollars. | do | 80.1 | 77.6 | 76.8 | 76.4 | 76.4 | 79.2 | 82.2 | 83.6 | 84.2 | 3.8 | 1.7 | 0.7 | 247 |
| 248. Fixed invest., residential struc., 1958 dol. | do | 23.7 | 22.3 | 29.1 | 28.3 | 30.1 | $32 \cdot 1$ | 34.2 | 34.4 | 35.1 | 6.5 | 0.6 | 2.0 | 248 |
| 249. Gross auto product, 1958 dollars . . . . . . . | ..... do .... | 35.0 | 28.4 | 36.4 | 34.8 | 37.8 | 35.8 | 35.6 | 37.0 | 40.6 | -0.6 | 3.9 | 9.7 | 249 |
| 261. Govt. purchases of goods and services, total, 1958 doliars. | ..... do ..... | 145.9 | 139.0 | 137.6 | 135.7 | 137.6 | 141.1 | 142.2 | 143.9 | 142.6 | 0.8 | 1.2 | -0.9 | 261 |
| E1. Actual and Potential GNP |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 207. GNP gap (potential less actual), 1958 dol. ${ }^{\text {2 }}$ | Ann.rate, bil.dol . | 2.3 | 36.2 | 49.2 | 48.8 | 52.6 | 49.0 | 45.5 | 36.7 | 33.2 | -3.5 | -8.8 | -3.5 | 207 |

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

| Series title | $\begin{aligned} & \text { Unit } \\ & \text { of } \\ & \text { measure } \end{aligned}$ | Basic data ${ }^{1}$ |  |  |  |  |  |  |  | Percent change |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Average |  | $\begin{aligned} & \text { 1st } 0 \\ & 1972 \end{aligned}$ | $\begin{gathered} 2 \mathrm{~d} 0 \\ 1972 \end{gathered}$ | $\begin{aligned} & 3 \mathrm{~d} 0 \\ & 1972 \end{aligned}$ | Sept.$1972$ | $\begin{aligned} & \text { Oct. } \\ & 1972 \end{aligned}$ | $\begin{aligned} & \text { Nov. } \\ & 1972 \end{aligned}$ | $\begin{aligned} & \text { Sept. } \\ & \text { to } \\ & \text { Oct. } \\ & 1972 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & \text { to } \\ & \text { Nov. } \\ & 1972 \end{aligned}$ | $\begin{gathered} 1 \text { st } 0 \\ \text { to } \\ 2 \mathrm{~d} Q \\ 1972 \end{gathered}$ | $\begin{gathered} 2 \mathrm{~d} 0 \\ \text { to } \\ 3 \mathrm{~d} 0 \\ 1972 \end{gathered}$ |  |
|  |  | 1970 | 1971 |  |  |  |  |  |  |  |  |  |  |  |
| B. CYCLICAL INDICATORS <br> B7. Composite Indexes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 810. 12 leading indicators, reverse trend adj. ${ }^{3}$. | 1967 $=100 \ldots \ldots$ | 115.0 | 126.2 | 135.9 | 141.3 | 145.5 | 146.9 | 147.6 | 150.4 | 0.5 | 1.9 | 4.0 | 3.0 |  |
| 820. 5 coincident indicators . . . . . . . . . . . | ..... do | 120.3 | 124.0 | 130.8 | 134.5 | 137.8 | 139.3 | 141.8 | 143.9 | 1.8 | 1.5 | 2.8 | 2.5 | 820 |
| 825. 5 coincident indicators, deflated | . do | 113.8 | 114.8 | 120.0 | 123.1 | 125.8 | 126.8 | 129.1 | NA | 1.8 | NA | 2.6 | 2.2 | 825 |
| 830. 6 lagging indicators . . . . . . . . . . . . . . . | .. do | 130.9 | 125.0 | 125.9 | 127.5 | 130.0 | 132.0 | 133.8 | 136.1 | 1.4 | 1.7 | 1.3 | 2.0 | 830 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 813. Marginal employment adjustments | do | 93.2 | 93.9 | 97.8 | 98.5 | 99.6 | 100.1 | 100.8 | NA | 0.7 | NA | 0.7 | 1.1 | 813 |
| 814. Capital investment commitments. | do | 106.5 | 112.3 | 116.1 | 118.4 | 119.6 | 120.6 | 119.9 | 119.9 | -0.6 | 0.0 | 2.0 | 1.0 | 814 |
| 815. Inventory investment and purchasing.... | . do | 103.2 | 102.1 | 104.1 | $107 \cdot 1$ | 108.3 | 110.0 | 110.4 | 111.6 | 0.4 | 2.1 | 2.9 | 1.1 | 815 |
| 816. Profitability.. | . .... do | 94.1 | 100.2 | 203.7 | 105.6 | 107.5 | 107.8 | 107.4 | 109.8 | -0.4 | 2.2 | 1.8 | 1.8 | 816 |
| 817. Sensitive financial flows. ............ | ..... do. ..... | 98.4 | 105.4 | 110.4 | 112.7 | 117.2 | 117.5 | 119.9 | NA | 2.0 | NA | 2.1 | 4.0 | 817 |
| BI. Employment and Unemployment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LEADING INDICATORS <br> Marginal Employment Adjustments: <br> *1. Average workweek, prod. workers, mfg. .. <br> 21. Avg, weekiy overtime hours, production workers, manufacturing ${ }^{2}$. . . . . . . . . . . <br> 2. Accession rate, manufacturing ${ }^{2} \ldots \ldots$..... <br> *5. Avg. weekly initial claims, State unemployment insurance (inverted ${ }^{4}$ ) <br> 3. Layoff rate, manufacturing (inverted ${ }^{4}$ ) ${ }^{2}$.. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Hours.. | 39.8 | 39.9 | 40.3 | 40.7 | 40.7 | 40.8 | 40.7 | 40.9 | -0.2 | 0.5 | 1.0 | 0.0 | 1 |
|  | . do | 3.0 | 2.9 | 3.1 | 3.4 | 3.5 | 3.6 | 3.6 | 3.7 | 0.0 | 0.1 | 0.3 | 0.1 | 21 |
|  | Per 100 employ.. | 4.0 | 3.9 | 4.4 | 4.3 | 4.4 | $4 \cdot 3$ | 4.7 | NA | 0.4 | NA | -0.1 | 0.1 | 2 |
|  | Thousands . . . . | 296 | 292 | 259 | 271 | 249 | 250 | 256 | 250 | -2.4 | $2 \cdot 3$ | -4.6 | 8.1 | 3 |
|  | Per 100 emplay. . | 1.8 | 1.6 | 1.2 | 1.2 | 1.1 | 1.0 | 1.0 | NA | 0.0 | NA | 0.0 | 0.1 | 3 |
| ROUGHLY COINCIDENT INDICATORS Job Vacancies: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50. Number of job vacancies, mfg.. | Thousands | 132 | 89 | 105 87 | 121 94 | 132 103 | 137 99 | 151 104 | NA | 10.2 | NA | 15.2 8.0 | 9.1 9.6 | 50 46 |
| Comprehensive Employment: <br> 48. Man*hours in nonagricultural <br> Ann. rate, billion |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 48. Man*hours in nonagricultural establishments. | Ann. rate, bilion man-hours..... | 138.05 | 137.72 | 140.30 | 142.12 | 142.83 | 143.54 | 144.24 | 144.22 | 0.5 | 0.0 | 1.3 | 0.5 | 48 |
| *41. Employees on nonagri. payroils......... | Thousands...... | 70.5977 | 70,646 | 71.769 | 72,512 | 72,940 | 73.176 | 73.559 | $73 \cdot 765$ | 0.5 | 0.3 | 1.0 | 0.6 | 41 |
| 42. Persons engaged in nonagri. activities. . . | ..... do ..... | 75,180 7 | $75 \cdot 725$ | 77,423 | 78.084 | 78.411 | 78.647 | 78.822 | 79.007 | 0.2 | 0.2 | 0.9 | 0.4 | 42 |
| Comprehensive Unemployment: <br> *43. Unemployment tate, total (inverted $\left.{ }^{4}\right)^{2} \ldots$ | Percent | 5.0 | 6.0 | 5.8 | 5.8 | 5.5 | $5 \cdot 5$ | 5.5 | 5.2 | 0.0 | 0.3 | 0.0 | 0.3 | 43 |
| 45. Avg. weekly insured unemployment rate (inverted ${ }^{4}$ ) ${ }^{2}$ | do | 3.5 | 4.1 | 3.4 | 3.6 | 3.4 | 3.4 | 3.3 | 3.2 | 0.1 | 0.1 | -0.2 | 0.2 | 45 |
| 40. Unemployment rate, married males (inverted $\left.^{4}\right)^{2}$ | do | 2.6 | 3.2 | 2.9 | 2.9 | 2.7 | 2.8 | 2.8 | 2.4 | 0.0 | 0.4 | 0.0 | 0.2 | 40 |
| LAGGING INDICATORS Long Duration Unemployment: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *44. Unemployment rate, 15 weeks and over (inverted $\left.{ }^{4}\right)^{2}, \ldots .$. | do | 0.8 | 1.4 | 1.4 | 1.3 | 1.3 | $1 \cdot 3$ | 1.3 | 1.2 | 0.0 | c. 1 | 0.1 | 0.0 | 44 |
| B2. Production, Income, Consumption, and Trade |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ROUGHLY COINCIDENT INDICATORS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *200 GNP in current dollar | Ann.rate,bil.dol. . | 976.4 | $1050 \cdot 4$ | 1109.1 | 1139.4 | 1164.0 |  |  |  | ... |  | 2.7 | 2.2 | 200 |
| *205. GNP in 1958 dollars. . . . . . . . . . . . . . . | $\ldots$.... do ..... | 722.1 | 741.7 | 766.5 | 783.9 | 796.1 |  | , |  | -•• | . | 2.3 | 1.6 | 205 |
| *47. Industrial production. . . . . . . . . . . . . . . | 1967=100 ...... | 106.7 | 106.8 | 110.0 | 113.1 | 115.0 | 116.1 | 117.2 | 118.5 | 0.9 | $1 \cdot 1$ | 2.8 | 1.7 | 47 |
| Comprehensive Income: <br> *52. Personal income. . . . . . . . . . . . . . . . . . . | Ann.rate, bil,dol. . | 806.3 | 861.4 | 907.0 | 922.1 | 939.9 | 946.8 | 963.8 | 972.5 | 1.8 | 0.9 | 1.7 | 1.9 | 52 |
| 53. Wages, salaries in mining, mig., constr .. | ...... do ..... | 197.5 | 202.5 | 213.9 | 218.9 | 221.6 | 224.2 | 227.4 | 229.7 | 1.4 | 1.0 | 2.3 | 1.2 | 53 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *56. Manufacturing and trade sales . . . . . . . . . | Ann rate, bil.dol. | 971.5 | 1046.7 | 1108.6 | 1134.4 | 1156.0 | 127.08 | 129.01 | NA | 2.2 | ... | 2.3 | 1.9 | 57 |
| *54. Sales of retail stores .................... | Mil. dol. . . . . . | 31,260 | 34,026 | 35,56C | 36.753 | 37,686 | 37.746 | 39.089 | 39.013 | 3.6 | -0.2 | 3.4 | 2.5 | 54 |
| 59. Sales of retail stores, deflated . . . . . . . . | ..... do..... | 27:553 | 28,975 | 29.748 | 30.568 | 31,026 | 30,914 | 31.988 | 31.795 | 3.5 | -0.6 | 2.8 | 1.5 | 59 |
| B3. Fixed Capital Investment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LEADING INDICATORS <br> Formation of Business Enterprises: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Formation of Business Enterprises: <br> *12. Index of net business formation | 1967=100 . . . . . | 108.1 | 111.2 | 115.1 | 118.1 | 117.7 | 117.5 | 115.6 | NA | -1.6 | NA | 2.6 | -0.3 | 12 |
| 13. New business incorporations........... | Number . . . . . . . | 22,009 | 24.001 | 25.609 | 26.348 | 26.767 | 26.795 | 27:165 | NA | 1.4 | NA | 2.9 | 1.6 | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. Construction contracts, total value ..... | 1967=100 ...... | 126 | 146 | 160 | 162 | 174 | 187 | 171 | 177 | -8.6 | 3.5 | 1.2 | 7.4 | 8 |
| * 10. Contracts and orders, plant, equipment... | Bil. dol. . . . . . | 8.33 | 8.90 | 9.56 | 10.57 | 10.87 | 11.44 | 11.93 | 11.66 | 4.3 | -2.3 | 10.6 | 2.8 | 10 |
| 11. New capital appropriations, manufacturing | ..... do ..... | 6.34 | $5 \cdot 76$ | 6.57 | 6.97 | 7.11 | \% | - 0 | 9 | $\cdots$ | ** | $6 \cdot 1$ | 2.0 | 11 |
| 24. New orders, cap. goods indus., nondefense | Mi... do ..... | 6.81 | 7.39 | 8.30 | 9.02 | 9.28 | 9.52 | 9.69 | 9.75 | 1.8 | 0.6 | 8.7 | 2.9 | 24 |
| 9. Construction contracts, commercial and industrial buildings. | Mil. sq, feet floor space. . . | 63.80 | 61.19 | 64.35 | 72.66 | 72.69 | 74.69 | 74.61 | 82.67 | -0.1 | 10.8 | 12.9 | 0.0 | 9 |
| 28. New private housing units started, total. . | Ann. rate, thous. | 1,44.1 | 2.051 | 2,513 | 2.263 | 2,367 | 2,399 | 2,435 | 2,445 | 1.5 | 0.4 | -9.9 | 4.6 | 28 |
| *29. New bldg. permits, private housing. . . . . | 1967=100 . . . . . | 118.1 | 167.9 | 183.1 | 177.2 | 193.1 | 198.5 | 194.2 | 189.6 | -2.2 | -2.4 | -3.2 | 9.0 | 29 |
| ROUGHLY COINCIDENT INDICATORS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Bil. dol., EOP... | 71.36 20.96 | 69.90 19.06 | 71.56 19.66 | $\begin{aligned} & 75.06 \\ & 20.57 \end{aligned}$ | 78.51 21.42 | 78.51 .0 .1 | 79.17 .. | 80.16 | 0.8 | 1.3 $\cdots$ | 4.9 4.6 | 4.6 4.1 | 96 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.


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

${ }^{1}$ For a few series, data shown here have been rounded to fewer digits than those shown in the tables in part If. Where available, annual figures are those published by the source agencies; otherwise, they (and the quarterly figures for monthly series) are averages of the data as shown in part II.
${ }^{2}$ Differences rather than percent changes are showa for this series.
${ }^{3}$ Index for the latest month excludes $12,16,31$, 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.
End-of-period series. The annual figures (and quarterly figures for month series) are the last figures for the period.


Chart AI GROSS NATIONAL PRODUCT


Current data for these series are shown on page 69.

Section A NATIONAL INCOHE ANO PRODUC:
Chart A2 NATIONAL AND PERSONAL INCOME


Current data for these series are shown on page 69

Section A NATIONAL INCOME AND PROOUCT

## Chart A4 GROSS PRIVATE DOMESTIC INVESTMENT

(Aug.)

Current data for these series a-e shown on page 70

## Section A NATIONAL INCOME ANO PRODUCT

```
Chart A5 FOREIGN TRADE
```

(July) (Aug.)
(Juty) (Apr.)
(May) (Feb.)
(Nov.)
p
T
T

## Anmual rate, billion dollars [current)



| 1950 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 1972 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Current data for these series are shown on page 71.

## Section A NATIONAL INCOME AND PRODUCT

## Chart A6 GOVERNMENT PURCHASES OF GOODS AND SERVICES



Current data for these series are shown on page 71.

## Section A NATIONAL MCOME AM,

Chart A7 FINAL SALES AND INVENTORIES






275. Change in business inventories, nondurable goods, 0


Current data for these series are shown on page 71.

Section A NATIONA BGONE GWR PGOUCD

## Chart A8 NATIONAL INCOME COMPONENTS



Current data for these series are shown on pages 71 and 72.

## Section A NATIONAL INCOME AND PRODUCT

## Chart A9 SAVING



Current data for these series are shown on page 72.

Chart A10 REAL GROSS NATIONAL PRODUCT

205. GNP in 1958 dollars, 0



533

Scate A



Current data for these series are shown on pages 69, 70 , and 72.

## Section A NATIONAL INCOME AND PRODUC:

## Chart All <br> SHARES OF GNP AND NATIONAL INCOME

Gross National Product Shares


National Income Shares


Current data for these series are shown on page 73.


## CYCLICAL INDICATORS

Economic Process and Cyclical Timing

## Chart B1 EMPLOYMENT AND UNEMPLOYMENT

## Leading Indicators

Marginal Employment Adjustments

[^1]
## Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing

```
Chart B1 EMPLOYMENT AND UNEMPLOYMENT-Con
```

Roughly Coincident Indicators


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.
(July) (Aug.)
P $\quad$ T
(July) (Apr,
(May) (feb.)
(Nov.) (Nov.)
P
P
PT

Comprehensive Unemployment


## Lagging Indicators



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

Roughly Coincident Indicators


Section B. CYCLICR inOICATORS Economic Process and Cyclical Timing

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

Roughly Coincident Indicators-Con.


## Comprehensive Consumption and Trade



Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing
Chart B3 FIXED CAPITAL INVESTMENT

Leading Indicators
(July) (Aug.)
(July) (Apr)
(May) ; Feb
(Nov.) (Nov.)
P T


Chart B3 FIXED CAPITAL INVESTMENT-Con.

Leading Indicators-_Con.


New Investment Commitments - Con.


Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing
Chart B3 FIXED CAPITAL INVESTMENT-Con.

Roughly Coincident Indicators

| (July) | (Aug.) |
| :---: | :---: |
| P | T |

(July) (Apr.)
P I
(Nov) (Nov.)
P T

Backlog of Investment Commitments


Lagging Indicators


[^2]Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing
Chart B4 INVENTORIES AND INVENTORY INVESTMENT

## Leading Indicators

$\begin{array}{cc}\text { (July) (Aug.) } \\ \mathrm{P} & \mathrm{T}\end{array}$
(July) (Apr.)
P T
Maw (feh)
P $\quad 1$
(Nov) (Nov.

Invertory Investment and Purchasing

37. Purchased materials, percent of companies reporting higher inventories

20. Change in book vatue, manufacturers' inventories of materials and supplies fann. Tate, bit- dal- MCD moving ave-6-term|





Current data for these series are shown on pages 78 and 79.

## Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing

## Chart B4 INVENTORIES AND INVENTORY INVESTMENT-Con.

Leading Indicators-Con.
(July) (Aug)
(july) (Apr.)
(May) (Feb)
(Nov.) (Nov.)
P T

Inventory Investment and Purchasing - Con.


Lagging Indicators


Chart B5 PRICES, COSTS, AND PROFITS

Leading Indicators




Current data for these series are shown on pages 79 and 80.

Section B CYCLICAL WORA Economic Process and Cyclical Timing
Chart B5 PRICES, COSTS, AND PROFITS-Con.

Leading Indicators-Con.


[^3]Roughly Coincident Indicators


Current data for these series are shown on page 80.

Section B CYClicAl MNDGATO Economic Process and Cyclical Timing
Chart B5 PRICES, COSTS, AND PROFITS-Con.

## Lagging Indicators



Current data for these series are shown on page 80.

Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing
Chart B6 MONEY AND CREDIT

Leading Indicators
(July) (Aug)
(July) (Apr)
(May) (fen)
(Nov.) (Nov.)

Flows of Money and Credit


Current data for these series are shown on page 81.

Section B

Economic Process and Cyclical Timing
Chart B6 MONEY AND CREDIT-Con.

Leading Indicators--Con.

| (64) | A0g | \% | Matas | Nav: Nov |
| :---: | :---: | :---: | :---: | :---: |
| P | $T$ | F T | 1 | - |



Section B CYCLICAL INOLCATEG Economic Process and Cyclical Timing
Chart B6 MONEY AND CREDIT-Con.

## Roughly Coincident Indicators



## Section B CYCLICAL INDICATORS Economic Process and Cyclical Timing

## Chart B6 MONEY AND CREDIT-Con.

Lagging Indicators
$\begin{array}{cc}\text { (July) } & \text { (Aug.) } \\ \mathrm{P} & \mathrm{T}\end{array}$
(July) (Apr.)
(May) (feb )
P T

| (Now.) |
| :---: | :---: |
| Pov. |

P T
-

Outstanding Debt


Section B CYCLICAL INDICATORS Selected Indicators by Timing

## Chart B7 COMPOSITE INDEXES



Current data for these series are shown on page 83. Numbers entered on the chart indicate length of leads (-) and lags ( +1 ) in months from reference turning dates.
Reverse trend adjusted index of 12 leaders contains the same trend as the index of 5 coincident indicators.

Index: 1967=100


Current data for these series are shown on page 83.

Chart B8 NBER SHORT LIST

## Leading Indicators



Section B CYCLICAL INDICATORS Selected Indicators by Timing

## Chart B8

NBER SHORT LIST-Con.

Leading Indicators-Con.
(

## Section B CYCLICA MDICATORS Selected Indicators by Timing

## Chart B8 NBER SHORT LIST-Con

Roughly Coincident Indicators


IICND December 1972

Chart B8 NBER SHORT LIST-Con.

## Lagging Indicators





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


ANTICIPATIONS AND INTENTIONS

## Chart Cl AGGREGATE SERIES



## Section C ANTICIPATIONS AND INTENTIONS

## Chart C1 AGGREGATE SERIES-Con.



Current data for these series are shown on page 84.

## Section C

Chart C1 AGGREGATE SERIES－Con．

420．Current income of households compared to income a year ago， $0 \quad$| Actual |
| :--- | :--- |
| Anticipated o．．．．．． |

（a）Percent of households reporting no change in family income（percent）

（b）Percent of households reporting higher family income（percent］

（c）Percent of households reporting lower family income（percent）


425．Mean probability of substantial changes in income of households， $\mathbf{a}$ （a）Mean probability of increase in family income［percent）

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




Current data for these series are shown on page 84.

## Chart C2 DIFFUSION INDEXES

> | $\begin{array}{l}\text { Diffusion indexes: percent rising } \\ \text { (plotted at terminal quarter) }\end{array}$ |
| :--- |

## D61. Business expenditures for new plant and equipment, all industries (1-0 span)

| Actual | $\cdots$ |
| :--- | :--- |
| Anticipated $\cdots \cdots$ |  |



Current data for these series are shown on page 85.
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Chart C2 DIFFUSION INDEXES-Con.



## OTHER KEY INDICATORS

## Chart D1 FOREIGN TRADE



Current data for these series are shown on "nge 86.

## Section D OTHER KEY INDICATORS

## Chart D2 BALANCE OF PAYMENTS AND MAJOR COMPONENTS



Current data for these series are shown on page 87.

## Section D OTHER KEY INDICATOR

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



[^4]Chart D2 BALANCE OF PAYMENTS AND MAJOR COMPONENTS_Con.


Current data for these series are shown on page 87. Annual totals are used prior to 1960.

Section D OTHEQ Acy hurb,
Chart D2 BALANCE OF PAYMENTS AND MAJOR COMPONENTS-Con.

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

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


[^5]
## Section D

Chart D2 BALANCE OF PAYMENTS AND MAJOR COMPONENTS-Con.

Capital Movements Plus Government Nonmilitary Unilateral Transfers

## Annual rate, billion dollars

| Excess of receipts (inflow)$\square$ Excess of payments (outtlow) |  |
| :---: | :---: |
|  |  |

Direct investments


## Securities investments


570. Govemment grants and capital transactions, net


| 1950 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 1972 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Current data for these series are shown on page 88. Annual totals are used prior to 1960.

## Section D OTHER KEY , Whe

Chart D3 FEDERAL GOVERNMENT ACTIVITIES

Receipts and Expenditures


Chart D3 FEDERAL GOVERNMENT ACTIVITIES-Con.


Current data for these series are shown on page 89.

Section D OTHER KEY INDICATORS

## Chart D4 <br> PRICE MOVEMENTS




## Section D OTHER KEY INOICATH

Chart D5 WAGES AND PRODUCTIVITY


[^6]
## Section D

## Chart D5 WAGES AND PRODUCTIVITY-Con.

Change in avg. hourly earnings of production workers, private nonfarm economy, adj. --

## Percent change

740c. Current dollar earrings


741c. Real earnings

Change in avg. hourly compensation, all employees, private nonfarm economy, Q --

745c. Current dollar compensation
Six-menth spans (ann. rate)

11 $\square$



Negotiated wage and benefit decisions, all industries--
748. First year avg. changes, $\mathbf{Q}$ (ann. rate)
749. Average changes over life of contract, $Q$ (ann. rate)


Productivity
770c. Change in output per man-hour, total private economy, Q






## Chart El ACTUAL AND POTENTIAL GROSS NATIONAL PRODUCT



## Section E ANALYTICAL MEASURES

## Chart E2 ANALYTICAL RATIOS



## B51. Ratio, inventories to sales, manufacturing and trade fratio]


853. Ratio, production of business equipment to consumer goods [index: 1967=100)



## Section E

## Chart E3 DIFFUSION INDEXES

## Leading Indicators

## Percent rising



D11. Newly approved capita la appropriations -17 industries (3-0 spano-a, 1-0 span to)


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 ( $9-\mathrm{mo}$. span - , 1-mo. span $\ldots$...)

12


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



## Section E ANALYTICAL MEASURES

## Chart E3 DIFFUSION INDEXES-Con.

## Roughly Coincident Indicators

| (July) (Aug.) | (July) (Apr.) | (May) (Feb.) | (Nov.) (Nov.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| P | T | $\mathrm{P} \quad \mathrm{T}$ | P T | P | T |

## Percent rising

41. Employees on nonagricultural payrolls-30 industries (6-mo. span —, 1-mo. span $\cdots-$ )


D47. Industrial production-24 industries ( 6 -mo. span -, 1-mo. span $\cdots$ - )






## Chart F1 CONSUMER PRICES



Current data for these series are shown on page 103.

## Section F

Chart F2 INDUSTRIAL PRODUCTION


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

## Chart F3 STOCK PRICES



Current data for these series 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 (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 " $\mathrm{NA}^{\prime}$ ", not available.

Graphs of these series are shown on pages 9,10 , and 65.


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 11 and 12.


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 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 (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: ${ }^{\text {" }} \mathrm{e}^{\text {" }}$, 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 (u). Series numbers are for identification only and do not reffect series relationships or order. Complete titles and sources are shown at the back of the book. The "r ${ }^{\text {" }}$ 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 |
| 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 initial claims for unemrployment insurance, State programs ${ }^{1}$ <br> (Thous.) | 3. Layoff rate, manufacturing <br> (Per 100 employees) | 50. Number of job vacancies, mfg. <br> (Thous.) | 46. Index of help-wanted advertising in newspaper $(1967=100)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1970 |  |  |  |  |  |  |  |
| January . | 40.3 | 3.3 | 4.3 | 232 | 1.5 | 204 | 109 |
| February . . | 40.1 | 3.2 | 4.3 | 250 | 1.7 | 185 | 109 |
| March. . . . . . | 40.1 | 3.2 | 4.1 | 263 | 1.8 | 168 | 103 |
| April | 40.0 | 3.0 | 4.0 | 326 | 1.9 | 149 | 99 |
| May ........ | 39.8 | 3.0 | 4.1 | 313 | 1.9 | 140 | 95 |
| June........ | 39.9 | 3.0 | 4.1 | 303 | 1.9 | 126 | 92 |
| July . . . . . . | 40.1 | 3.0 | 4.1 | 265 | 1.6 | 122 | 91 |
| August..... | 39.8 | 2.9 | 4.0 | 288 | 1.8 | 112 | 89 |
| September. . . | 39.4 | 2.8 | 3.8 | 338 | 1.8 | 104 | 85 |
| October | 39.5 | 2.8 | 3.6 | 341 | 2.2 | 94 | 77 |
| November . . | 39.6 | 2.7 | 3.7 | 338 | 2.0 | 88 | 78 |
| December ... | 39.6 | 2.7 | 3.7 | 297 | 1.7 | 91 | 80 |
| 1971 |  |  |  |  |  |  |  |
| Jaṇuary . . . | 39.9 | 2.8 | 3.7 | 289 | 1.7 | 89 | 75 |
| February.... | 39.7 | 2.9 | 3.7 | 283 | 1.6 | 87 | 77 |
| March. . | 39.8 | 2.8 | 3.9 | 293 | 1.6 | 84 | 78 |
| April . | 39.8 | 2.9 | 3.9 | 281 | 1.6 | 88 | 78 |
| May ......... | 40.0 | 2.9 | 3.9 | 292 | 1.5 | 87 | 79 |
| June., ....... | 40.0 | 2.9 | 3.7 | 296 | 1.5 | 91 | 83 |
| July . . . . . . | 40.0 | 3.0 | 3.7 | 280 | 1.5 | 87 | 85 |
| August...... | 39.8 | 2.9 | 4.2 | 312 | 1.9 | 86 | 85 |
| September... | 39.6 | 2.8 | 3.9 | 312 | 1.6 | 92 | 80 |
| October . . . . | 39.9 | 3.0 | 3.8 | 302 | 1.5 | 92 | 80 |
| November ... | 40.1 | 3.0 | 4.1 | 293 | 1.4 | 92 | 81 |
| December ... | 40.2 | 3.1 | 3.9 | 270 | 1.4 | 93 | 85 |
| 1972 |  |  |  |  |  |  |  |
| January . | 40.1 | 2.9 | 4.4 | 261 | 1.3 | 98 | 85 |
| February.. | 40.4 | 3.2 | 4.4 | 257 | 1.2 | 206 | 87 |
| March. . . | 40.4 | 3.3 | 4.4 | 259 | 1.2 | 111 | 90 |
| April ... | 40.8 | 3.5 | 4.3 | 257 | 1.1 | 117 | 93 |
| May . | 40.5 | 3.4 | 4.7 | 263 | 1.0 | 118 | 93 |
| June. ....... | 40.7 | 3.4 | 4.0 | 294 | 1.4 | 127 | 96 |
| July ... | 40.6 | 3.4 | 4.3 | 264 | 1.2 | 130 | 103 |
| August..... | 40.6 | 3.5 | 4.7 | (H) 233 | 1.0 | 130 | (H) 106 |
| September... | r40.8 | 3.6 | 4.3 | - 250 | 1.0 | rl37 | - 99 |
| October..... | 40.7 | r3.6 | (H)p4.7 | 256 | (H)p1.0 | (H)pl51 | 104 |
| November .. December | (H) P 40.9 | (H)p3.7 | (NA) | p250 | (NA) | (NA) | (NA) |

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 $\left(^{*}\right.$ ) 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 20,21 , and 39.
${ }^{1}$ Data exclude Puerto Rico which is included in figures published by source agency.

| MAJOR ECONOMIC PROCESS . | B1 EmPLOYMENT AND UNEMPLOYMENT--Con. |  |  |
| :---: | :---: | :---: | :---: |
| TIMING CLASS .... | ROUGHLY COINCIDENT INDICATORS--Con. |  | LAGGING INDICATORS |
| Minor Economic Process. . | Comprehensive Employment | Comprehensive Unemployment | Long-Duration Unemployment |


| $\begin{aligned} & \text { Year } \\ & \text { and } \\ & \text { month } \end{aligned}$ | 48. Man-hours in nonagricultural establishments <br> (Ann. rate, bil. man-hours) | *41. Number of employees on nonagricultural payrolls, establishment survey <br> (Thous.) | 42. Persons engaged in nonagricultural activilies, labor force survey ${ }^{1}$ <br> (Thous.) | *43. Unemployment rate, total ${ }^{1}$ <br> (Percent) | 45. Average weekly insured unemployment rate, State programs ${ }^{2}$ <br> (Percent) | 40. IJnemployment rate, married males ${ }^{1}$ <br> (Percent) | *44. Unemployment rate, persons unemployed 15 weeks and over ${ }^{1} 3$ <br> (Percent) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1970 |  |  |  |  |  |  |  |
| January . | 139.26 | 70,875 | 75,428 | 3.9 | 2.5 | 1.8 | 0.5 |
| February.. | 139.47 | 71,007 | 75,294 | 4.2 | 2.6 | 2.0 | 0.6 |
| March...... | 139.48 | 71,081 | 75,494 | 4.4 | 2.7 | 2.2 | 0.7 |
| April ... | 139.14 | 71,007 | 75,353 | 4.7 | 3.1 | 2.3 | 0.7 |
| May ........ | 138.31 | 70,730 | 74,969 | 4.8 | 3.5 | 2.5 | 0.7 |
| June......... | 138.04 | 70,574 | 74,865 | 4.8 | 3.7 | 2.6 | 0.8 |
| July . | 138.24 | 70,612 | 75,125 | 5.0 | 3.5 | 2.7 | 0.8 |
| August.... | 137.87 | 70,472 | 75,092 | 5.1 | 3.7 | 2.8 | 0.9 |
| September... | 137.01 | 70,499 | 75,010 | 5.4 | 4.3 | 2.9 | 1.0 |
| October.... | 136.50 | 70,065 | 75,338 | 5.5 | 4.4 | 3.0 | 0.9 |
| November . | 136.28 | 69,968 | 75,262 | 5.8 | 4.4 | 3.2 | 1.1 |
| December . | 137.03 | 70,274 | 75,032 | 6.1 | 4.0 | 3.3 | 1.3 |
| 1971 |  |  |  |  |  |  |  |
| January ..... | 137.23 | 70,331 | 75,312 | 6.0 | 3.7 | 3.3 | 1.3 |
| February.. | 136.39 | 70,266 | 75,190 | 5.9 | 3.7 | 3.2 | 1.3 |
| March.... | 137.03 | 70,299 | 75,059 | 6.0 | 3.8 | 3.2 | 1.3 |
| April ...... | 137.22 | 70,461 | 75,192 | 6.0 | 3.9 | 3.2 | 1.3 |
| May ......... | 137.72 | 70,643 | 75,418 | 6.1 | 4.3 | 3.2 | 1.4 |
| June......... | 137.84 | 70,574 | 75,299 | 5.8 | 4.3 | 3.1 | 1.4 |
| July ...... | 137.58 | 70,532 | 75,640 | 5.9 | 4.0 | 3.1 | 1.5 |
| August. . | 137.53 | 70,548 | 75,792 | 6.1 | 4.1 | 3.2 | 1.5 |
| September.. | 137.58 | 70,843 | 76,088 | 6.0 | 4.6 | 3.3 | 1.5 |
| October..... | 138.18 | 70,861 | 76,416 | 5.8 | 4.4 | 3.0 | 1.5 |
| November . | 139.02 | 71,103 | 76,601 | 6.0 | 4.1 | 3.3 | 1.5 |
| December... | 139.38 | 71,291 | 76,698 | 6.0 | 3.8 | 3.2 | 1.5 |
| 1972 |  |  |  |  |  |  |  |
| January . | 139.73 | 71,552 | 77,243 | 5.9 | 3.4 | 3.0 | 1.4 |
| February... | 140.40 | 71,744 | 77,266 | 5.7 | 3.4 | 2.8 | 1.5 |
| March..... | 140.77 | 72,011 | 77,759 | 5.9 | 3.5 | 2.8 | 1.4 |
| April ..... | 141.72 | 72,246 | 77,881 | 5.9 | 3.5 | 2.9 | 1.3 |
| May ........ | 142.04 | 72,592 | 78,041 | 5.9 | 3.6 | 2.9 | 1.4 |
| June.... | 142.59 | 72,699 | 78,330 | 5.5 | 3.6 | 2.9 | 1.3 |
| July ........ | 142.29 | 72,661 | 78,237 | 5.5 | 3.6 | 2.7 | 1.3 |
| August....... | 142.66 | 72,984 | 78,348 | 5.6 | 3.3 | 2.6 | 1.4 |
| September... | r143.54 | r73,176 | 78,647 | 5.6 5.5 | 3.3 | 2.8 | 1.4 1.3 |
| October..... | H)r144.24 | r73,559 | 78,822 |  |  | 2.8 | 1.3 |
| November ... December | p144.22 | (H) $\mathrm{P} 73,765$ | (H)79,007 | (H)5.2 | (H) 3.2 | (H)2.4 | 1.2 |

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 $\bar{H}$; 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 $\left(^{*}\right)$ are included in the 1966 NBER "short list" of indicators (chart B8). The " $r$ " indicates revised; " $p$ ", preliminary; " $e^{\text {", estimated; " } a \text { ", anticipated; }}$ and "NA", not available.

Graphs of these series are shown on pages $21,22,41$, and 42 . ${ }^{1}$ Beginning with January 1972, the 1970 Census is used as the benchmark 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. "No current high.

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


| Year and month | *200. Gross national product in current dollars <br> (Ann. rate, bil. dol.) | *205. Gross national product in 1958 dollars <br> (Ann. rate, bil. dol.) | *47. Index of industrial production$(1967=100)$ | *52. Personal income <br> (Ann. rate, bil. dol.) | 53. Wages and salaries in mining, manufacturing and construction <br> (Ann. rate, bil. dol.) | *56. Manułacturing and trade sales(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 dollar) sales |
|  |  |  |  |  |  |  |  | (Mil. dol.) | (Mil. dol.) |
| 1970 |  |  |  |  |  |  |  |  |  |
| January. |  |  | 107.8 | 781.2 | 198.1 | 103,841 |  | 30,334 | 27,230 |
| February ... | 958.0 | 720.4 | 108.2 | 784.7 | 197.6 | 104,395 | 956.4 | 30,669 | 27,383 |
| March..... | ... | ... | 108.1 | 791.2 | 199.6 | 103,962 | ... | 30,695 | 27,357 |
| April . |  |  | 107.7 | 810.0 | 198.7 | 103,201 | ... | 31,005 | 27,511 |
| May ....... | 971.7 | 723.2 | 107.7 | 804.4 | 197.3 | 104,73I | 965.5 | 31,198 | 27,584 |
| June... | . . . | ... | 107.9 | 804.0 | 197.6 | 105,073 | ... | 31,293 | 27,620 |
| July... |  |  | 107.6 | 808.0 | 198.7 | 105,470 |  | 31,601 | 27,818 |
| August. . | 986.3 | 726.8 | 107.5 | 812.9 | 199.0 | 105,800 | 980.2 | 31,710 | 27,889 |
| September | . | ... | $\underline{106.3}$ | 819.2 | 198.6 | 105,438 | . . . | 31,951 | 27,978 |
| October.. |  | , | 103.7 | 816.7 | 193.8 | 103,712 | , | 31,621 | 27,568 |
| November | 989.7 | 718.0 | 102.8 | 818.3 | 193.7 | 102,466 | 984.1 | 31,282 | 27,202 |
| December |  |  | 104.9 | 824.4 | 197.8 | 104,998 | ... | 31,761 | 27,499 |
| 1971 |  |  |  |  |  |  |  |  |  |
| January.... |  |  | 105.5 | 833.9 | 198.9 | 106,767 | $\cdots$ | 32,290 | 27,933 |
| February... | 1,023.4 | 731.9 | 106.0 | 837.3 | 199.0 | 108,201 | 1,018.5 | 32,850 | 28,368 |
| March. . | . . . | ... | 106.0 | 842.9 | 199.5 | 109,752 | . . | 33,274 | 28,610 |
| April |  |  | 106.5 | 847.4 | 200.7 | 110,453 |  | 33,578 | 28,798 |
| May .. | 1,043.0 | 737.9 | 107.4 | 853.4 | 202.8 | 111,458 | 1,036.4 | 33,502 | 28,585 |
| June. . | , .. |  | 107.4 | 873.4 | 202.9 | 112,647 | ... | 33,827 | 28,740 |
| July . . |  |  | 106.8 | 862.4 | 202.0 | 111, 791 |  | 33,688 | 28,573 |
| August..... | 1,056.9 | 742.5 | 105.6 | 869.1 | 202.0 | 113,910 | 1,055.6 | 34,655 | 29,344 |
| September. |  |  | 107.1 | 872.2 | 203.5 | 113,450 | ... | 35,219 | 29,796 |
| October... |  |  | 106.8 | 874.8 | 204.4 | 113,191 |  | 34,964 | 29,555 |
| November .. | 1,078.1 | 754.5 | 107.4 | 879.4 | 205.3 | 115,757 | 1,076.4 | 35,574 | 30,020 |
| December .. |  | ... | 108.1 | 890.4 | 209.2 | 115, 630 | ... | 34,896 | 29,374 |
| 1972 |  |  |  |  |  |  |  |  |  |
| January ... |  |  | 108.7 | 898.9 | 211.2 | 118,426 |  | 34,886 | 29,341 |
| February ... | 1,109.1 | 766.5 | 110.0 | 908.5 | 214.1 | 118,077 | 1,108.6 | 35,345 | 29,503 |
| March. ..... |  |  | 111.2 | 913.6 | 216.4 | 120,669 | . . . | 36,450 | 30,400 |
| April |  |  | 112.8 | 919.4 | 218.1 | 121,685 |  | 36,296 | 30,272 |
| May. | 1,139.4 | 783.9 | 113.2 | 924.0 | 218.8 | 122,814 | 1,134.4 | 37,141 | 30,874 |
| June. . | - | ... | 113.4 | 922.9 | 219.9 | 122,283 | ... | 36,822 | 30,558 |
| July... |  |  | 113.9 | 932.9 | 218.8 | 123,371 |  | 37,342 | 30,861 |
| August..... | (H) $1,164.0$ | (H) 796.1 | 115.0 | 940.0 | 221.7 | 126,458 | (H) $1,156.0$ | 37,969 | 31,302 |
| September. . |  |  | ril6.1 | 946.8 | 224.2 | r127,056 |  | r37,746 | r30,914 |
| October... |  |  | rl17.2 | r963.8 | r227.4 | (H)p129,814 |  | (H) r39,089 |  |
| November ... December . . |  |  | (H)pl18.5 | (H) p 972.5 | [H) p229.7 | (NA) |  | p39,013 | (H) $\mathrm{p} 31,795$ |

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 $\overline{\mathbf{H}}$; 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.

Graph of these series are shown on pages 23,24 , and 41.

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


| Year and month | *12. Index of net business formation $(1967=100)$ | 13. Number of new business incorporations <br> (Number) | *6. Value of manufacturers' new orders, durable goods industries <br> (Bil. dol.) | 8. Index of construction contracts, total value ${ }^{1}$ $(1967=100)$ | *10. Contracts and orders for plant and equipmient <br> (Bil, dol.) | 11. Newly approved capital appropriations, 1,000 manufacturing corporations ${ }^{1}$ <br> (Bil. dol.) | 24. Value of manufacturers' new orders, capital goods industries, nondefense <br> (Bil. dol.) | 9. Construction contracts, commercial and industrial buildings ${ }^{1}$ <br> (Mil. sq. ft. floor space) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1970 |  |  |  |  |  |  |  |  |
| January . | 114.5 | 22,196 | 26.48 | 131 | 8.98 |  | 6.76 | 88.86 |
| February | 114.2 | 22,968 | 27.33 | 137 | 8.89 | 6.68 | 7.13 | 80.95 |
| March... | 110.7 | 21,181 | 26.80 | 132 | 8.04 | ... | 6.52 | 67.11 |
| April . | 109.7 | 21,745 | 26.98 | 130 | 8.83 | ... | 6.68 | 64.00 |
| May | 107.8 | 22,046 | 27.88 | 110 | 8.32 | 6.48 | 7.09 | 58.19 |
| June........ | 107.0 | 21,984 | 27.91 | 120 | 8.04 | ... | 6.66 | 54.47 |
| July. | 106.1 | 21,896 | 28.03 | 116 | 8.40 | ... | 6.95 | 70.45 |
| August.... | 105.2 | 21,841 | 27.84 | 135 | 8.08 | 6.32 | 6.67 | 61.04 |
| September.. | 105.4 | 22,194 | 27.23 | 118 | 7.91 | ... | 6.66 | 60.16 |
| October. | 106.0 | 21,604 | 25.74 | 115 | 7.79 | ... | 6.64 | 51.71 |
| November | 105.7 | 22,381 | 25.75 | 130 | 7.91 | 5.86 | 6.48 | 54.00 |
| December | 104.8 | 22,071 | 28.26 | 132 | 8.82 | ... | 7.43 | 54.69 |
| 1971 |  |  |  |  |  |  |  |  |
| January . . | 105.8 | 22,338 | 29.08 | 124 | 8.18 | -.. | 6.88 | 54.37 |
| February | 105.4 | 20,923 | 29.25 | 126 | 8.23 | 5.74 | 6.81 | 50.04 |
| March.... | 108.7 | 23,220 | 29.57 | 142 | 8.61 | ... | 7.12 | 65.44 |
| April | 108.8 | 22,770 | 28.75 | 161 | 9.07 |  | 7.01 | 54.82 |
| May . | 109.9 | 24,168 | 28.97 | 141 | 8.72 | 5.49 | 7.26 | 63.40 |
| June. | 111.9 | 24,691 | 28.97 | 147 | 8.98 | ... | 7.52 | 62.83 |
| July . | 112.3 | 25,073 | 29.49 | 151 | 8.55 | $\cdots$ | 7.21 | 60.67 |
| August. | 112.8 | 25,142 | 31.34 | 153 | 9.15 | 5.89 | 7.49 | 54.82 |
| September. | 111.8 | 23,278 | 29.65 | 154 | 8.95 | ... | 7.47 | 70.72 |
| October | 114.7 | 25,050 | 30.32 | 137 | 9.36 | ... | 7.86 | 61.75 |
| November | 116.7 | 25,828 | 31.29 | 155 | 9.52 | 5.93 | 7.93 | 68.70 |
| December | 115.6 | 25,529 | 31.00 | 160 | 9.48 | ... | 8.13 | 66.69 |
| 1972 |  |  |  |  |  |  |  |  |
| January..... | 114.7 | 24,685 | 32.55 | 165 | 9.50 |  | 8.17 | 59.65 |
| February.... | 113.9 | 24,743 | 32.47 | 155 | 9.22 | 6.57 | 8.20 | 66.72 |
| March. . . . | 116.7 | (H) 27,399 | 33.33 | 159 | 9.96 | ... | 8.53 | 66.68 |
| April ...... | 117.6 | 26,372 | 34.00 | 167 | 10.68 | $\cdots$ | 8.78 | 65.53 |
| May . | (H) 118.8 | 26,396 | 34.30 | 165 | 10.44 | 6.97 | 9.04 | 81.95 |
| June. | 117.8 | 26,277 | 35.61 | 154 | 10.60 | ... | 9.23 | 70.51 |
| July . | pll8.1 | 26,893 | 34.43 | 155 | 10.65 | . $\cdot$ | 9.10 | 67.74 |
| August. ..... | p177.5 | 26,612 | 35.73 | 180 | 10.53 | (H) p 7.11 | 9.21 | 75.65 |
| September... | pl17.5 | 26,795 | 36.85 | (T)187 | 11.44 |  | 9.52 | 74.69 |
| October..... | 2115.6 | 27,165 | r36.76 | 171 | (H)r11.93 |  | r9.69 | 74.61 |
| November ... December . . | (NA) | (NA) | (H)p37.81 | 177 | pll. 66 |  | (H) 99.75 | (H) 82.67 |

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 $\bar{H}$; 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 25,26 , and 39 .
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| MAJOR ECONOMIC PROCESS | B3 FIXED CAPITAL INVESTMENT .-Con. | FIXED CAPITAL INVESTMENT -.Con. |  | 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 $(\mathbb{H}$; 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
 and "NA", not available.

Graphs of these series are shown on pages $26,27,28,39,40$, and 42.
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| MAJOR ECONOMIC PROCESS | B4 INVENTORIES AND INVENTORV INVESTMENT--Con. |  | B5 | PRICES, COS | S, AND PROFITS |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TIMING CLASS . . | LEADING INDICATORS--Con. | LAGGING INDICATORS | LEADING INOICATORS |  |  |
| Minor Economic Process. . . . . . . . | Inventory Investment and Purchasing-Con. | Inventories | Sensitive Commodity Prices | Stock Prices | Profits and Profit Margins |


| Year and month | 20. Change in book value, mers.' inventories of mtls. and supplies <br> (Ann, rate, bil. dol.) | 26. Prod. materials, companies reporting commitments 60 days or longer(1) <br> (Percent reporting) | 32. Vendor performance, companies reporting slower deliveries (l) <br> (Percent reporting) | 25. Change in unfilled orders, durable goods industries <br> (Bil. dol.) | *71. Manufacturing and trade inventories, book value <br> (Bil. dol.) | 65. Mfrs. inventories of finished goods, book value <br> (Bil. dol.) | *23. Index of industrial materials prices(1)$(1967=100)$ | *19. Index of stock prices, 500 common stocks(1)$(1941-43=10)$ | Corporate profits after taxes |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | 16. Current dollars <br> (Ann. rate, bil. dol.) | I8. Constant (1958) dollars <br> (Ann. rate, bil. dol.) |
| 1971 |  |  |  |  |  |  |  |  |  |  |
| January........... | +0.3 | 52 | 38 | +0.58 | 175.74 | 34.18 | 105.9 | 93.49 |  |  |
| February .......... . | 0.0 | 59 | 44 | +0.28 | 176.47 | 34.22 | 107.2 | 97.11 | 43.2 | 32.3 |
| March.............. | -1.6 | 56 | 46 | -0.06 | 177.39 | 34.41 | 107.8 | 99.60 | ... | ... |
| April | +4.2 | 57 | 52 | -0.77 | 178.04 | 34.14 | 110.2 | 103.04 | $\cdots$ |  |
| May .............. | +2.7 | 55 | 53 | -1.02 | 178.83 | 34.13 | 108.6 | 101.64 | 45.8 | 33.8 |
| June............... | +2.3 | 58 | 50 | -1.40 | 179.16 | 34.02 | 106.1 | 99.72 | ... | ... |
| July . . . . . . . . . . . | +2.1 | 57 | 48 | -0.31 | 179.61 | 33.76 | 104.7 | 99.00 | $\cdots$ |  |
| August. . . . . . . . . . . . | -1.7 | 55 | 49 | +0.50 | 180.30 | 33.80 | 106.1 | 97.24 | 46.6 | 34.1 |
| September . . . . . . . . | -3.7 | 52 | 48 | -0.15 | 181.33 | 33.98 | 107.5 | 99.40 | ... | ... |
| October. | 0.0 | 51 | 50 | +0.29 | 181.75 | 34.26 | 107.4 | 97.29 | $\cdots$ | $\cdots$ |
| November . . . . . . . . | -0.3 | 50 | 48 | +0.50 | 181.85 | 34.15 | 106.9 | 92.78 | 48.0 | 35.1 |
| December ......... | +1.1 | 45 | 51 | +0.09 | 182.84 | 34.01 | 106.8 | 99.17 | ... | ... |
| 1972 |  |  |  |  |  |  |  |  |  |  |
| January . . . . . . . . . . | -0.1 | 53 | 52 | +0.59 | 183.30 | 33.92 | 110.7 | 103.30 | $\cdots$ |  |
| February.......... | +1.1 | 55 | 52 | +0.42 | 183.83 | 33.98 | 113.0 | 105.24 | 49.5 | 35.7 |
| March. . . . . . . . . . . | -3.7 | 56 | 58 | +0.64 | 184.26 | 34.22 | 117.2 | 107.69 | ... | ... |
| April ............... | -0.1 | 51 | 58 | +0.42 | 184.82 | 34.29 | 119.5 | 108.81 |  |  |
| May .............. | +0.3 | 56 | 60 | +0.60 | 185.95 | 34.42 | 124.3 | 107.65 | 51.5 | 36.9 |
| June.............. | -0.2 | 56 | 60 | [ H$)+2.48$ | 186.44 | 34.67 | 123.8 | 108.01 | ... | ... |
| July ............... | [ ${ }^{\text {] }}+5.0$ | 54 | 63 | +0.60 | 186.88 | 34.82 | 123.7 | 107.21 |  |  |
| August. . . . . . . . . . | $r+4.1$ | 57 | 63 | +1.02 | 188.41 | (H) 35.30 | 124.6 | 111.01 | (H) 53.7 | (H) r38.3 |
| September . . . . . . . . | $\mathrm{r}-0.1$ | 56 | 65 | $+1.82$ | r189.76 | 35.18 | 124.8 | 109.39 |  |  |
| October . . . . . . . . . | $\mathrm{p}+2.4$ | (H) 64 | (H) 73 | r+0.67 | H190.92 | p34.95 |  | (109.56 |  |  |
| November ......... December . . . . . . | (NA) | 63 | 70 | p+0.99 | (NA) | (NA) | (H) 131.6 | (H) 115.05 |  |  |
| 1973 |  |  |  |  |  |  |  |  |  |  |
| January . . . . . . . . . . |  |  |  |  |  |  |  |  |  |  |
| February.......... |  |  |  |  |  |  |  |  |  |  |
| March. ............ |  |  |  |  |  |  |  |  |  |  |
| April .............. |  |  |  |  |  |  |  |  |  |  |
| May . . . . . . . . . . . . |  |  |  |  |  |  |  |  |  |  |
| 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 $\widehat{\mathbf{H}}$; 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 [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: " $\mathrm{e}^{\mathrm{n}}$, estimated: "a", anticipated: and "NA", not available.

Graphs of these series are shown on pages $28,29,30,40$, and 42.
${ }^{1}$ Average for December 5, 12, and 19. בAverage for December 6, 13, and 20.

B CYCLICAL INDICATORS-Economic Process and Cyclical Timing

| MAJOR ECONOMIC PROCESS | 85 PRICES, COSTS, AND PROFITS-Con. |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| TIMING CLASS . . . | LEADING INDICA |  | ROUGHLY COINCIDENT INDICATORS | LAGGING INDICATORS |
| Minor Economic Process. | Profits and Profit Margins--Con. | Cash Flow | Comprehensive Wholesale Prices | Unit Labor Costs |


| Year and 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, industrial commod. (a)$(1967=100)$ | 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. <br> (Dollars) | *62. Index of labor cost per unit of output, mfg.$(1967=100)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 34. Current dollars (Ann. rate, bil. dol.) | 35. Constant (1958) dol. <br> (Ann. rate, bil. dol.) |  |  | 63. Index $(1967=100)$ | 63c. Change over 1-Q spans (Ann. rate, percent) |  |  |
| 1970 |  |  |  |  |  |  |  |  |  |  |  |
| January . . |  |  | 96.7 |  |  | 108.3 | 108.8 | ... | 8.3 |  | 112.5 |
| February... | 8.4 | 4.1 | 97.3 | 71.0 | 55.8 | 108.7 | 109.1 | 118.2 |  | 0.800 | 111.8 |
| March...... |  |  | 97.2 | ... | ... | 108.9 | 109.3 | ... | ... | ... | 112.2 |
| April . |  | $\cdots$ | 96.7 | $\ldots$ | $\ldots$ | 109.3 | 109.6 | $\cdots$ | 1.6 | . | 113.2 |
| May ... | 8.3 | 4.2 | 97.0 | 70.6 | 54.8 | 109.7 | 109.7 | 118.7 | ... | 0.804 | 113.2 |
| June.. | ... | ... | 97.3 |  | ... | 109.8 | 11.0 .0 | . . . | $\ldots$ | ... | 113.0 |
| July .... | $\ldots$ | $\cdots$ | 96.6 |  | $\cdots$ | 110.0 | 110.6 | . $\cdot \cdot$ | 2.4 | . $\cdot$. | 114.2 |
| August..... | 8.3 | 4.0 | 97.1 | 71.6 | 54.9 | 110.2 | 110.6 | 119.4 | ... | 0.812 | 114.0 |
| September . | ... | ... | 96.0 | ... | ... | 110.4 | 110.8 | ... | ... | ... | 115.5 |
| October.. | $\cdots$ | $\cdots$ | 96.3 | $\cdots$ |  | 111.3 | 111.2 |  | 7.4 | ... | 115.5 |
| November | 7.5 | 3.6 | 96.1 | 68.8 | 51.4 | 111.3 | 111.2 | 121.5 | ... | 0.831 | 115.9 |
| December | ... | ... | 96.7 | ... | ... | 111.7 | 111.2 | ... | $\ldots$ | ... | 115.2 |
| 1971 |  |  |  |  |  |  |  |  |  |  |  |
| January.. | ... | $\cdots$ | 96.5 | $\ldots$ | $\ldots$ | 112.2 | 111.8 | $\cdots$ | 1.7 |  | 116.0 |
| February | 8.5 | 4.0 | 96.7 | 75.2 | 55.5 | 112.5 | 112.4 | 122.0 | ... | 0.826 | 116.1 |
| March. . |  |  | 96.9 |  | ... | 112.8 | 112.7 | ... | $\cdots$ | ... | 116.2 |
| April .. | $\cdots$ | ... | 97.2 | ... | . | 113.3 | 113.0 |  | 3.9 |  | 116.1 |
| May . | 8.5 | 4.3 | 97.4 | 79.8 | 58.0 | 113.7 | 113.5 | 123.2 | ... | 0.831 | 116.6 |
| June. | ... | ... | 97.6 | . . | ... | 113.9 | 113.8 | . $\cdot$ | $\ldots$ | ... | 116.5 |
| July ...... | $\cdots$ | $\cdots$ | 97.7 | $\cdots$ |  | 114.5 | 114.5 |  | 2.6 |  | 117.0 |
| August. ... | 8.9 | 4.2 | 97.7 | 82.3 | 59.1 | 115.1 | 114.9 | 123.9 | ... | 0.834 | 118.0 |
| September | ... |  | 98.4 | ... | ... | 115.0 | 114.7 | ... | $\cdots$ | ... | 116.6 |
| October ... | $\cdots$ | $\cdots$ | 98.2 |  |  | 115.0 | 114.5 |  | 1.0 |  | 116.7 |
| November . | 8.7 | 4.0 | 98.2 | 85.7 | 61.8 | 114.9 | 114.5 | 124.2 | ... | 0.836 | 116.9 |
| December | ... |  | 97.8 | ... | ... | 115.3 | 115.1 | ... | $\cdots$ | ... | 117.9 |
| 1972 |  |  |  |  |  |  |  |  |  |  |  |
| January .. . | $\cdots$ | $\cdots$ | 97.8 | $\cdots$ |  | 115.9 | 115.7 |  | (H)4.6 |  | 118.4 |
| February.. | 9.0 | 4.1 | 97.4 | 88.2 | 62.4 | 116.5 | 116.5 | (H)125.7 |  | 0.842 | 119.5 |
| March. . | ... | ... | 98.1 | $\cdots$ | ... | 116.8 | 116.7 | ... | $\ldots$ | ... | 118.8 |
| April ..... | ... | . $\cdot$ | 98.2 | $\cdots$ |  | 117.3 | 116.9 |  | -0.6 | ... | 118.9 |
| May | 9.1 | 4.3 | 98.4 | 93.3 | 65.4 | 117.6 | 117.4 | 125.5 | $\ldots$ | 0.841 | 119.3 |
| June. | ... |  | 98.1 | ... |  | 117.9 | 117.8 | ... | $\ldots$ | ... | (H) 120.0 |
| July ........ |  | . $\cdot \cdot$ | 98.6 |  |  | 118.1 | 118.3 |  | 0.3 |  | 119.6 |
| August.... | (H) 9.3 | (H)4.3 | 99.5 | (H)r95.7 | (H) r 66.7 | 118.5 | 118.5 | 125.5 |  | (H)r0. 842 | r119.5 |
| September. |  |  | r99.6 |  |  | 118.7 | 118.8 |  |  |  | r119.6 |
| October... |  |  | 99.2 |  |  | 118.8 | 118.8 |  |  |  | 119.9 |
| November December |  |  | (H) $p 99.9$ |  |  | (H)119.1 | (H) 119.2 |  |  |  | p119.6 |

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 $\mathbf{H}$; 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 (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 $30,31,32,40$, 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 (MI) <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 debtheld by fin. inst. and life insurance ${ }^{1}$ <br> (Ann. rate, bil. dol.) | *113. Net change in con. sumer instal!ment 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 ( (1) <br> (Mil. dol.) | 39. Delinquency rate, 30 days and over, total installment loans <br> (Percent) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1971 |  |  |  |  |  |  |  |  |  |
| January . | +2.79 | +14.06 | +15.52 | +23.92 | +2.72 | -3.97 | ... | 168.80 |  |
| February. . . . . . . . . | +13.38 | H +20.70 | (H) +20.93 | +23.38 | +6.24 | +5.69 | 111,952 | 150.90 | 1.81 |
| March............. | +11.02 | +18.68 | +19.28 | +29.89 | +7.56 | +1.70 | ... | 224.65 | ... |
| April .............. | +8.19 | +12.08 | +15.54 | +30.90 | $+9.73$ | -8.26 | . $\cdot$. | 153.80 | 1.72 |
| May .............. | +14.10 | +13.86 | +15.17 | +34.64 | +6.80 | +6.64 | 129,328 | 249.49 | ... |
| June.............. | +9.12 | +10.75 | +11.98 | +39.96 | +6.95 | -0.18 | ... | 165.84 | 1.81 |
| July ............... | +10.11 | +7.46 | +10.47 | $+44.58$ | +8.30 | -7.20 | . | 147.03 | ... |
| August. . . . . . . . . . | +3.17 | +2.91 | +6.57 | $+44.27$ | +10.81 | +16.03 | 147,856 | 155.56 | 1.75 |
| September......... | -2.11 | +2.90 | $+6.19$ | $+40.45$ | +13.22 | (H) +20.42 | . . | 115.85 | . $\cdot$ |
| October . . . . . . . . . | +0.53 | $+7.11$ | $+9.07$ | +36.94 | +10.50 | -5.54 | -•• | 144.70 | 1.94 |
| November ......... | 0.00 | $+6.55$ | $+8.66$ | +40.08 | $+14.30$ | -0.95 | 132,676 | 129.00 |  |
| December ......... | +2.63 | +10.16 | +10.96 | +45.90 | +10.68 | -4.58 | ... | 111.32 | (H) 1.68 |
| 1972 |  |  |  |  |  |  |  |  |  |
| January . . . . . . . | +3.16 | +13.43 | +15.37 | +34.14 | +13.21 | -8. 51 | $\cdots$ | (H) 101.62 |  |
| February.......... | +12.59 | +14.30 | $+16.66$ | +35.18 | +10.60 | $+7.66$ | 139,948 | 191.33 | 1.73 |
| March. . . . . . . . . . . | +11.94 | +11.61 | +13.83 | +44.89 | +15.77 | +5.03 | ... | 220.66 | . . |
| April .............. | +7.71 | $+7.25$ | +10.94 | +45.38 | +11.88 | +12.74 | 150, $\quad$. | 148.47 | 1.75 |
| May . . . . . . . . . . . . . | +2.55 | +7.70 +10.62 | +9.73 | +49.81 | $+15.98$ | $+3.05$ | 150,476 | 190.14 |  |
| June............... | +5.61 | +10.62 | +11. 54 | +53.48 | +16.63 | -10.74 | . | 127.90 | 1.88 |
| July . . . . . . . . . . . | (H) +14.20 | +11.26 | +13.47 | +50.04 | +13.13 | -1.09 | $\cdots$ | 204.62 | $\cdots$ |
| August............ | +5.51 | +8.00 | +10.69 | $\underline{(H)}+58.09$ | (H) +19.72 | +13.88 | (H)p152,432 | 253.62 | 1.92 |
| September......... | +5.49 | $+8.43$ | +10.44 | r+50.95 | +15.43 | +15.37 |  | 113.54 |  |
| October . . . . . . . . . | $r+3.48$ | $r+7.65$ | r+10.35 | (NA) | +17.95 |  |  | 152.97 | 2.05 |
| November $\ldots \ldots \ldots$. . December $\ldots . . .$. | $p+6.44$ $2+17.33$ | $\mathrm{p}+7.60$ $\mathrm{c}+15.42$ | p+9.05 |  | (NA) | $\mathrm{p}+17.33$ $3-0.42$ |  | 208.58 |  |
| 1973 |  |  |  |  |  |  |  |  |  |
| January . . . . . . . . . . |  |  |  |  |  |  |  |  |  |
| February .......... |  |  |  |  |  |  |  |  |  |
| March. . ............ |  |  |  |  |  |  |  |  |  |
| April . . . . . . . . . . . |  |  |  |  |  |  |  |  |  |
| May . . . . . . . . . . . |  |  |  |  |  |  |  |  |  |
| June.............. |  |  |  |  |  |  |  |  |  |
| July . . . . . . . . . . . . . |  |  |  |  |  |  |  |  |  |
| August............ |  |  |  |  |  |  |  |  |  |
| September . . . . . . . . |  |  |  |  |  |  |  |  |  |
| October . . . . . . . . . . |  |  |  |  |  |  |  |  |  |
| November $\qquad$ 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 $\boldsymbol{H}$; 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 33,34 , and 40 .
${ }^{1}$ Data include conventional mortgages held by the Government National Mortgage Association.
${ }^{2}$ Average for weeks ended December 6 and 13.

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



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 $[\boldsymbol{H}$; for series that move counter to movements in genera! 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 retationships 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 35,36 , and 42.
${ }^{1}$ No current high. ${ }^{2}$ Average for weeks ended December 6, 13, and 20. ${ }^{3}$ Average for weeks ended December 7, 14, and 21. ${ }^{4}$ Average for weeks ended December 1, 8, 15, and 22. ${ }^{5}$ Average for weeks ended December 6 and 13.

| Year and month | B7 COMPOSITEINDEXES |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 810. Twelve leaders, reverse trend adjusted ${ }^{1}$ (series $1,5,6,10,12$, 16, 17, 19, 23 , 29, 31, 113)$(1967=100)$ | 811. Twelve leaders, prior to trend adjustment (same components as in series 810)$(1967=100)$ | 820. Five coinciders, estimated aggregate economic activity (series 41,43, 47, 52, 56)$(1967=100)$ | 825. Five coinciders,estimated aggegate economic activity, deflated (series 41, 43, 47, 52D, 56D) (1967=100) | 830. Six <br> laggers (series 44, 61, 62, 67, $71,72)^{2}$ | Leading Indicator Subgroups |  |  |  |  |
|  |  |  |  |  |  | 813. Marginal employment adjustments (series 1, 2, $3,5)$ $(1967=100)$ | 814. Capital investment commitments (series 6, 10, 12, 29) $(1967=100)$ | 815. Inventory investment and purchasing (series 23, $25,31,37$ ) $(1967=100)$ | 816. Profit- ability (series 16, $17,19)$ $(1967=100)$ | 817. Sensitive financial flows (series 33, 85, 112,113 ) $(1967=100)$ |
| 1970 |  |  |  |  |  |  |  |  |  |  |
| January . | 116.2 | 103.7 | 121.0 | 115.5 | 131.9 | 98.3 | 108.0 | 103.9 | 96.5 | 99.2 |
| February | 116.5 | 103.7 | 121.2 | 115.4 | 131.4 | 96.6 | 108.4 | 105.4 | 95.8 | 100.0 |
| March. . | 115.0 | 101.9 | 121.2 | 115.4 | 131.2 | 94.1 | 105.6 | 104.8 | 95.9 | 98.8 |
| April | 114.9 | 101.5 | 121.6 | 115.6 | 131.3 | 93.2 | 106.1 | 104.2 | 95.5 | 100.6 |
| May | 113.8 | 100.1 | 121.0 | 114.7 | 131.0 | 92.9 | 106.3 | 102.4 | 92.8 | 100.5 |
| June. | 114.4 | 100.3 | 121.0 | 114.5 | 131.0 | 93.3 | 106.0 | 103.6 | 92.9 | 100.6 |
| July . | 116.2 | 101.5 | 120.9 | 114.2 | 131.7 | 94.4 | 106.5 | 104.2 | 93.5 | 101.4 |
| August. | 115.2 | 100.2 | 120.8 | 114.1 | 132.3 | 92.9 | 106.3 | 102.5 | 93.6 | 100.1 |
| September | 114.5 | 99.3 | 120.4 | 113.7 | 131.9 | 90.9 | 105.6 | 102.1 | 93.6 | 98.3 |
| October. | 113.6 | 98.1 | 118.4 | 111.3 | 130.7 | 89.4 | 105.6 | 101.3 | 93.3 | 93.7 |
| November | 113.7 | 97.8 | 117.4 | 110.1 | 129.3 | 90.4 | 106.2 | 102.6 | 92.0 | 91.4 |
| December | 116.0 | 99.5 | 118.9 | 111.3 | 127.5 | 91.9 | 107.9 | 101.8 | 93.3 | 96.5 |
| 1971 |  |  |  |  |  |  |  |  |  |  |
| January . . | 118.7 | 101.4 | 120.6 | 112.9 | 125.9 | 93.1 | 108.9 | 102.9 | 95.6 | 98.6 |
| February.. | 120.1 | 102.2 | 121.3 | 113.4 | 124.2 | 93.7 | 108.6 | 102.3 | 98.1 | 100.4 |
| March. . . | 122.6 | 103.9 | 121.9 | 113.8 | 124.2 | 94.1 | 110.0 | 102.7 | 99.0 | 104.5 |
| April . | 124.3 | 105.0 | 122.6 | 114.3 | 123.7 | 94.2 | 109.7 | 103.3 | 100.5 | 106.1 |
| May . | 125.5 | 105.6 | 123.6 | 114.8 | 123.4 | 94.1 | 111.5 | 102.6 | 101.1 | 105.4 |
| June. | 125.5 | 105.2 | 125.2 | 116.5 | 124.2 | 94.2 | 112.1 | 101.4 | 100.6 | 107.4 |
| July . | 127.0 | 106.1 | 124.0 | 113.7 | 124.5 | 93.7 | 113.0 | 102.0 | 100.7 | 109.1 |
| August. . | 127.9 | 106.4 | 124.1 | 113.7 | 125.9 | 93.2 | 114.2 | 102.6 | 100.5 | 110.0 |
| September... | 128.5 | 106.6 | 125.2 | 115.9 | 125.9 | 92.6 | 112.8 | 101.3 | 101.7 | 108.6 |
| October.. | 129.7 | 107.1 | 125.5 | 115.3 | 125.8 | 93.3 | 114.7 | 100.7 | 101.3 | 104.6 |
| November | 131.4 | 108.2 | 126.6 | 116.5 | 125.8 | 95.1 | 116.2 | 100.8 | 100.6 | 105.0 |
| December | 132.7 | 108.8 | 127.6 | 117.3 | 125.9 | 75.2 | 116.0 | 102.3 | 101.9 | 204.8 |
| 1972 |  |  |  |  |  |  |  |  |  |  |
| January . | 134.6 | 109.9 | 129.4 | 118.9 | 125.8 | 97.1 | 116.3 | 103.1 | 103.0 | 106.3 |
| February. | 134.8 | 109.7 | 130.8 | 119.9 | 125.7 | 57.8 | 115.2 | 104.0 | 103.3 | 108.1 |
| March. . | 138.3 | 112.1 | 132.2 | 121.1 | 126.1 | 98.5 | 116.9 | 105.1 | 104.7 | 116.8 |
| April ........ | 139.7 | 112.8 | 133.5 | 122.3 | 127.0 | 98.9 | 118.0 | 105.8 | 105.3 | 112.5 |
| May | 141.8 | 114.1 | 134.7 | 123.2 | 127.4 | 99.6 | 118.2 | 107.8 | 105.6 | 112.5 |
| June. | 142.3 | 114.1 | 135.3 | 123.7 | r128.2 | 96.9 | 119.1 | 107.8 | 105.8 | 113.2 |
| July. | 142.6 | 113.9 | 136.2 | 124.4 | r128.6 | 98.4 | 118.8 | 105.8 | 106.4 | 112.5 |
| August....... | $1 / 77.0$ | 117.0 | 133.0 | 126.3 | r129.4 | 100.3 | 119.4 | 109.1 | 108.2 | (H) 121.6 |
| September... | r146.9 | r116.5 | r139.3 | r126.8 | r132.0 | 100.1 | (H) 120.6 | r110.0 | rl07.8 | 117.5 |
| October..... | 147.6 | (1) 176.6 |  | $[H\rangle \text { rl29.1 }$ | r133.8 |  | r119.9 | r110.4 |  | p119.9 |
| Novenber December | (H) ${ }^{3} 150.4$ | (H) ${ }^{3} 118.4$ | $(\mathrm{H})^{4} 143.9$ | (NA) | (H)pl36.1 | (NA) | p119.9 | ( $\mathbb{H} \mathrm{plll} .6$ | ([7) pl09.8 | (NA) |

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 $[\mathbf{H}$. 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 " $N A^{\text {" }}$, 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).

Bxcludes series $12,16,31$, and 113 for which aata 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.

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

ANTICIPATIONS AND INTENTIONS


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 46 and 47.
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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 " $N A$ ", 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 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; " $\mathrm{e}^{\text {" }}$, estimates; " a ", anticipated; and "NA", not available; SDR indicates Special Drawing Rights. Graphs of these series are shown on poges 49, 50 , and 51 .
$i_{\text {Amount outstanding at end of quarter. }}{ }^{2}$ Reserve position at end of quarter. ${ }^{3}$ Balance of payments basis: Excludes tr
fers 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 88.


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 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 as "official institutions." The figure for the 4th quarter 1971, on the old basis, is $\$ 51,806$.

| Year and month | D3 FEDERAL GOVERNMENT ACTIVITIES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Receipts and Expenditures |  |  | Defense Indicators |  |  |  |  |  |
|  | 600. Federal surplus (+) or deficit ( - ), national income and product accounts (Ann, rate, bil. dol.) | 601. Federal receipts, national income and product accounts <br> (Ann. rate, bil. dol.) | 602. Federal expenditures, national income and product accounts <br> (Ann. rate, bil. dol.) | 264. National defense purchases <br> (Ann. rate, bil. dol.) | 616. Defense Department obligations, total, excluding military assistance <br> (Mil. dol.) | 621. Defense Department obligations, procurement (Mil. dol.) | 647. New orders, defense products industries (Bil. dol.) | 648. New orders, defense products (Bil. dol.) | 625. Military prime contract awards to U.S. business firms and institutions <br> (Mil. dol.) |
| 1970 |  |  |  |  |  |  |  |  |  |
| January <br> February <br> March. | --3.8$\ldots$ | 192.2$\ldots .$. | 195.9 | 78.9 | $\begin{aligned} & 7,045 \\ & 6,516 \\ & 6,519 \end{aligned}$ | 1,807 | 3.45 | 1.38 | 2,8552,6232,904 |
|  |  |  |  |  |  | 1,523 | 3.593.53 | 1.91 |  |
|  |  |  |  |  |  |  |  |  |  |
| April .............. | 19-13.4$\ldots$ | 194.2$\ldots$ | 207.5$\ldots$ | 74.7 |  | 1,559 | 3.37 | 1.80 | 2,591 |
| May . . . . . . . . |  |  |  |  | 6,118 | 1,486 | 3.60 3.42 | 1.78 | 2,5452,896 |
| June.............. |  |  |  | -•• | 6,505 | 1,771 | 3.42 | 1.75 |  |
| July ... | -14.7 | 190.9 | 205.6$\ldots$ | 73.8$\ldots$ | 7,111 | 1,825 | 4.18 | 2.05 | 2,717 |
|  |  |  |  |  | 6,0356,407 | 1,3321,542 | 3.67 | 1.78 | 2,782 |
| September . . . . . . . . |  |  |  |  |  |  | 3.19 | 1.92 | 2,113 |
| October .November | -19.7 | 189.1$\ldots .$. | 208.8 | 72.9$\ldots$ | $\begin{aligned} & 6,251 \\ & 7,166 \\ & 7,195 \end{aligned}$ | $\begin{aligned} & 1,459 \\ & 1,902 \\ & 1,912 \end{aligned}$ | $\begin{aligned} & 3.12 \\ & 3.81 \\ & 3.97 \end{aligned}$ | $\begin{aligned} & 1.81 \\ & 1.67 \\ & 1.79 \end{aligned}$ | $\begin{aligned} & 3,464 \\ & 2,746 \\ & 3,181 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |
| December .. |  |  |  |  |  |  |  |  |  |
| 1971 |  |  |  |  |  |  |  |  |  |
| January...... | $-16.0$ | 196.4 | 212.4 | 72.5 | 7,0556,9286,793 | $\begin{aligned} & 2,038 \\ & 2,010 \end{aligned}$ | 3.853.25 | 2.162.27 | 2,5082,6193,398 |
| February..... |  |  |  |  |  |  |  |  |  |
| March. . . . . . . . . . . |  | . . | -•• | -•• |  | 1,528 | 3.28 | 1.68 |  |
| April .............. | -23.0$\cdots$ | 198.2 | 221.2.. | 71.2 | $\begin{aligned} & 6,991 \\ & 6,257 \\ & 5,830 \end{aligned}$ | $\begin{aligned} & 1,686 \\ & 1,457 \\ & 1,340 \end{aligned}$ | 3.50 | 1.72 | $\begin{aligned} & 2,751 \\ & 2,112 \\ & 2,367 \end{aligned}$ |
| May .......... |  |  |  |  |  |  | 3.23 | 1.55 |  |
| June... |  |  |  |  |  |  | 3.63 | 1.66 |  |
| July $\qquad$ <br> August <br> September | -23.1 | 199.1 | $22 \ddot{2} \cdot \dot{2}$ | 70.1 | $\begin{aligned} & 7,960 \\ & 6,696 \\ & 5,470 \end{aligned}$ | $\begin{aligned} & 2,577 \\ & 1,672 \\ & 1,127 \end{aligned}$ | $\begin{aligned} & 4.25 \\ & 3.63 \\ & 3.02 \end{aligned}$ | $\begin{aligned} & 2.04 \\ & 2.02 \\ & 1.63 \end{aligned}$ | $\begin{aligned} & 3,082 \\ & 3,078 \\ & 2,769 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| October <br> November $\qquad$ <br> December $\qquad$ | $-2 \dot{4} \cdot 7$$\cdots$ | 202.8 | 227.5$\cdots$ | $7 \ddot{1} .9$. .9 | $\begin{aligned} & 7,156 \\ & 6,753 \\ & 7,656 \end{aligned}$ | $\begin{aligned} & 2,001 \\ & 1,700 \\ & 2,096 \end{aligned}$ | $\begin{aligned} & 3.25 \\ & 3.95 \\ & 3.69 \end{aligned}$ | $\begin{aligned} & 1.84 \\ & 2.00 \\ & 1.72 \end{aligned}$ | $\begin{aligned} & 2,392 \\ & 3,209 \\ & 3,016 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 1972 |  |  |  |  |  |  |  |  |  |
| January ...... | $-1 \ddot{4.8}$ | 221.4$\ldots$ | 236.3 | 76.7 | $\begin{aligned} & 7,738 \\ & 7,872 \\ & 7,220 \end{aligned}$ | $\begin{aligned} & 2,634 \\ & 1,994 \\ & 1,817 \end{aligned}$ | $\begin{aligned} & 3.79 \\ & 3.45 \\ & 3.48 \end{aligned}$ | $\begin{aligned} & 2.58 \\ & 1.77 \\ & 1.82 \end{aligned}$ | $\begin{aligned} & 3,690 \\ & 2,937 \\ & 3,382 \end{aligned}$ |
| February ..... |  |  |  |  |  |  |  |  |  |
| March. ...... |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { April } \\ & \text { May } \\ & \text { June. } \end{aligned}$ | - 21.6$\cdots$ | 224.9$\cdots$ | 246.5$\cdots$ | 78.6$\cdots$ | $\begin{aligned} & 7,034 \\ & 6,619 \\ & 6,653 \end{aligned}$ | $\begin{aligned} & 1,518 \\ & 1,247 \\ & 1,585 \end{aligned}$ | $\begin{aligned} & 3.50 \\ & (\mathrm{NA}) \end{aligned}$ | 1.961.532.94 | $\begin{aligned} & 2,771 \\ & 2,650 \\ & 3,360 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| July <br> August. $\qquad$ <br> September $\qquad$ | r-11.8 | r229.8 | 247.6 | 75.1 | $\begin{array}{r} 7,534 \\ 7,917 \\ 6,200 \\ \text { (NA) } \end{array}$ | $\begin{array}{r} 2,213 \\ 2,184 \\ 1,068 \\ (\mathrm{NA}) \end{array}$ |  | 1.52 | 3,183 |
|  |  |  |  |  |  |  |  | 1.51 | 2,641 |
|  |  |  |  |  |  |  |  | 2.24 | 2,498 |
| October. November December |  |  |  |  |  |  |  | rl. 66 | (NA) |
|  |  |  |  |  |  |  |  | p1.98 |  |

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

| Year and month | D4 PRICE MOVEMENTS |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fixed weighted price index, gross private product |  | Consumer price indexes |  |  |  |  |  |
|  | 211. Index$(1958=100)$ | 211c. Change over l-quarter spans ${ }^{1}$ <br> (Ann. rate, percent) | All items |  |  | 782. Food$(1967=100)$ | 783. Commodities less food$(1967=100)$ | 784. Services(1)$(1967=100)$ |
|  |  |  | 781. Index (1) $(1967=100)$ | 781c. Change over 1 -month span ${ }^{1}$ <br> (Percent) | 781c. Change over 6 -month span ${ }^{1}$ <br> (Ann. rate, percent) |  |  |  |
| 1970 |  |  |  |  |  |  |  |  |
| January..... | -•• | 4.7 | 113.3 | 0.5 | 6.7 | 113.6 | 110.2 | 117.1 |
| February ...... | 128.6 | ... | 113.9 | 0.6 | 6.4 | 114.4 | 110.6 | 118.0 |
| March......... | . | . . . | 114.5 | 0.4 | 5.9 | 114.4 | 110.8 | 119.3 |
| April . ....... | $\cdots$ | 4.6 | 115.2 | 0.5 | 5.5 | 114.7 | 111.5 | 120.1 |
| May ........... | 130.0 | ... | 115.7 | 0.4 | 4.8 | 115.0 | 112.0 | 120.7 |
| June........... | . . | . $\cdot$ | 116.3 | 0.4 | 5.1 | 114.9 | 112.4 | 121.4 |
| July . . . . . . . . | 13i | 3.3 | 116.7 | 0.3 | 5.0 | 115.0 | 112.6 | 122.0 |
| August. . . . . . . | 131.1 | ... | 116.9 | 0.3 | 4.9 | 115.1 | 112.9 | 122.7 |
| September.... | ... | ... | 117.5 | 0.6 | 5.0 | 115.6 | 113.5 | 123.5 |
| October. . . . . . | $\ldots$ | 5.5 | 118.1 | 0.5 | 5.0 | 115.6 | 114.0 | 124.1 |
| November . . . . | 132.9 | ... | 118.5 | 0.4 | 4.9 | 115.7 | 114.5 | 124.9 |
| December ..... | ... | . . | 119.1 | 0.4 | 4.1 | 115.5 | 115.3 | 125.6 |
| 1971 |  |  |  |  |  |  |  |  |
| January...... | $\cdots$ | 5.5 | 119.2 | 0.3 | 3.6 | 115.6 | 115.4 | 126.3 |
| February...... | 134.7 | ... | 119.4 | 0.2 | 3.9 | 116.2 | 115.5 | 126.6 |
| March........ | -•• | . . | 119.8 | 0.2 | 3.8 | 117.2 | 115.7 | 126.6 |
| April |  | 4.6 | 120.2 | 0.3 | 3.8 | 117.9 | 115.9 | 126.9 |
| May .......... | 136.2 | . | 120.8 | 0.5 | 4.0 | 118.3 | 116.6 | 127.5 |
| june......... | ... | -•• | 121.5 | 0.4 | 3.9 | 118.8 | 116.9 | 128.2 |
| July........ | … | 3.5 | 121.8 | 0.3 | 3.7 | 119.0 | 117.1 | 128.8 |
| August...... | 137.4 | ... | 122.1 | 0.3 | 3.0 | 119.3 | 117.5 | 129.3 |
| September... | ... | . . . | 122.2 | 0.1 | 2.8 | 119.0 | 117.5 | 129.8 |
| October... | … | 1.7 | 122.4 | 0.2 | 2.9 | 118.9 | 117.5 | 129.9 |
| November . . . | 137.9 | ... | 122.6 | 0.2 | 3.4 | 119.8 | 117.5 | 130.3 |
| December... | ... | -•• | 123.1 | 0.3 | 3.1 | 120.5 | 117.7 | 130.7 |
| 1972 |  |  |  |  |  |  |  |  |
| January ...... |  | 4.5 | 123.2 | 0.3 | 3.2 | 120.4 | 117.9 | 131.5 |
| February.... | 139.5 | - | 123.8 | 0.6 | 3.5 | 122.6 | 118.2 | 131.8 |
| March........ | ... |  | 124.0 | 0.0 | 2.9 | 122.6 | 118.4 | 132.1 |
| April ...... |  | 2.4 | 124.3 | 0.2 | 3.2 | 122.5 | 118.6 | 132.4 |
| May . . . . . . . . | 140.3 | ... | 124.7 | 0.3 | 2.5 | 122.4 | 119.2 | 132.7 |
| June.......... | ... | ... | 125.0 | 0.1 | 3.4 | 122.6 | 119.2 | 133.1 |
| Juiy.......... |  | 2.9 | 125.5 | 0.4 | 3.7 | 123.3 | 119.5 | 133.5 |
| August....... | 141.3 |  | 125.7 | 0.2 | 3.6 | 123.9 | 119.9 | 133.8 |
| September..... |  |  | 126.2 | 0.5 |  | 124.7 | 120.4 | 134.1 |
| October...... |  |  | 126.6 | 0.3 |  | 124.9 | 120.3 | 134.6 |
| November December |  |  | 126.9 | 0.3 |  | 126.3 | 120.4 | 134.9 |

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## Graphs of these series are shown on page 56.

${ }^{1}$ 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-mnnth changes are placed on the 4th month.

| Year and month | D4 PRICE MOVEMENTS--Con. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wholesale price indexes |  |  |  |  |  |  |
|  | 750. All commodities$(1967=100)$ | 58. Manufac tured goods (1)$(1967=100)$ | 751. Processed foods and feeds$(1967=100)$ | 752. Farm products$(1967=100)$ | Industrial commodities |  |  |
|  |  |  |  |  | 55. Index (1) $(1967=100)$ | 55c. Change over 1 -month spans ${ }^{2}$ <br> (Percent) | 55c. Change over 6 -month spans ${ }^{1}$ <br> (Ann. rate, percent) |
| 1970 |  |  |  |  |  |  |  |
| January . . | 109.3 | 108.8 | 111.9 | 113.1 | 108.3 | 0.3 | 3.7 |
| February.. | 109.7 | 109.1 | 112.0 | 113.2 | 108.7 | 0.2 | 3.8 |
| March..... | 109.9 | 109.3 | 112.1 | 113.5 | 108.9 | 0.2 | 3.7 |
| April . | 109.9 | 109.6 | 112.4 | 111.6 | 109.3 | 0.4 | 3.6 |
| May ..... | 110.1 | 109.7 | 111.2 | 109.8 | 109.7 | 0.4 | 3.6 |
| June........ | 110.3 | 110.0 | 111.0 | 109.5 | 109.8 | 0.2 | 3.6 |
| July.... | 110.9 | 110.6 | 111.7 | 111.2 | 110.0 | 0.3 | 4.2 |
| August. | 110.5 | 110.6 | 112.3 | 109.4 | 110.2 | 0.2 | 3.5 |
| September..... | 111.0 | 110.8 | 112.7 | 113.6 | 110.4 | 0.2 | 3.5 |
| October.. | 111.0 | 111.2 | 112.5 | 110.3 | 111.3 | 0.6 | 3.6 |
| November ..... | 110.9 | 111.2 | 112.6 | 108.9 | 111.3 | 0.2 | 3.5 |
| December .... 1971 | 111.0 | 111.2 | 111.4 | 107.7 | 111.7 | 0.3 | 3.6 |
| January . . | 111.8 | 111.8 | 111.8 | 109.4 | 112.2 | 0.3 | 3.2 |
| February.... | 112.8 | 112.4 | 113.2 | 113.0 | 112.5 | 0.1 | 3.8 |
| March. . . . . . . | 113.0 | 112.7 | 113.9 | 111.5 | 112.8 | 0.3 | 4.0 |
| April | 113.3 | 113.0 | 114.0 | 112.8 | 113.3 | 0.4 | 4.6 |
| May ........... | 113.8 | 113.5 | 114.5 | 112.4 | 113.7 | 0.5 | 5.4 |
| June........... | 114.3 | 113.8 | 114.3 | 113.8 | 113.9 | 0.3 | 4.7 |
| fuly........ | 714.6 | 114.5 | 114.4 | 111.4 | 114.5 | 0.6 | 3.4 |
| August. . . . . | 114.9 | 114.9 | 114.7 | 114.2 | 115.1 | 0.5 | 2.7 |
| September.... | 114.5 | 114.7 | 114.4 | 112.2 | 115.0 | -0.1 | 2.5 |
| October. . . | 114.4 | 114.5 | 114.9 | 114.0 | 115.0 | $-0.2$ | 2.0 |
| November .... | 114.5 | 114.5 | 115.4 | 114.0 | 114.9 | 0.1 | 1.7 |
| December .... | 115.4 | 115.1 | 116.6 | 116.5 | 115.3 | 0.2 | 2.4 |
| 1972 |  |  |  |  |  |  |  |
| January ...... | 116.3 | 115.7 | 117.2 | 118.4 | 115.9 | 0.4 | 3.6 |
| February..... | 117.3 | 116.5 | 118.7 | 119.7 | 116.5 | 0.4 | 4.1 |
| March. ....... | 117.4 | 116.7 | 118.8 | 118.2 | 116.8 | 0.3 | 4.5 |
| April ....... | 117.5 | 116.9 | 118.2 | 118.9 | 117.3 | 0.4 | 4.3 |
| May .......... | 118.2 | 117.4 | 118.6 | 120.5 | 117.6 | 0.4 | 4.2 |
| June.......... | 118.8 | 117.8 | 119.0 | 121.7 | 117.9 | 0.4 | 4.1 |
| July ......... | 119.7 | 118.3 | 119.8 | 125.7 | 118.1 | 0.2 | 3.0 |
| August........ September . . . | 119.9 120.2 | 118.5 118.8 | 120.3 | 129.4 | 118.5 | 0.4 | 3.2 |
| September...... | 120.2 | 118.8 | 121.6 | 130.6 | 118.7 | 0.2 |  |
| October...... | 120.0 | 118.8 | 122.7 | 128.6 | 118.8 | -0.1 |  |
| November .... December | 120.7 | 119.2 | 124.2 | 130.9 | 119.1 | 0.4 |  |

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Graphs of these series are shown on page 57.
${ }^{1}$ Percent changes are centered within the spans: l-month percent changes are placed on the 2nd month and 6 -month percent changes are placed on the 4 th month.

| Year and month | D5 WAGES AND PRODUCTIVITY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Average hourly earnings, production workers, private nonfarm economy, adj. ${ }^{\text { }}$ |  |  |  |  |  | 859. Realspendableavg. wkly.earningsnonagri. prod.or nonsupv.workers(1967 dol.) | Average hourly compensation, all employees, private nonfarm economy |  |  |
|  | Current dollar earnings |  |  | Real earnings |  |  |  | Current dollar compensation |  |  |
|  | 740. Index $(1967=100)$ | 740c. Change over 1 -month spans ${ }^{2}$ <br> (Percent) | 740c. Change over 6-month spans <br> (Ann.rate, percent) | 741. Index $(1967=100)$ | 741c. Change over 1-month spans ${ }^{2}$ <br> (Percent) | 741c. Change over 6-month spans ${ }^{2}$ <br> (Ann.rate, percent) |  | $\begin{aligned} & 745 . \text { Index } \\ & (1967=100) \end{aligned}$ | 745c. Change over 1-quarter spans (Ann, rate, percent) | 745c. Change over 4-quarter spans ${ }^{2}$ <br> (Ann. rate, percent) |
| 1970 |  |  |  |  |  |  |  |  |  |  |
| January ..... | 117.4 | 0.3 | 5.9 | 103.5 | -0.2 | -0.8 | 90.55 | ... | 6.2 | .. |
| February..... | 118.0 | 0.5 | 5.6 | 103.4 | -0.1 | -0.7 | 90.33 | 119.7 | ... | 7.8 |
| March........ | 118.9 | 0.8 | 6.2 | 103.7 | 0.3 | 0.3 | 90.44 | . | ... | ... |
| April . . | 119.3 | 0.3 | 7.0 | 103.5 | -0.2 | 1.4 | 89.99 | -•• | 7.2 |  |
| May . | 119.9 | 0.5 | 7.5 | 103.6 | 0.1 | 2.6 | 89.64 | 121.8 | ... | 6.9 |
| June.. | 120.6 | 0.6 | 7.3 | 103.8 | 0.2 | 2.0 | 89.81 | , | ... | 6.9 |
| July . . . | 121.4 | 0.7 | 7.1 | 104.2 | 0.4 | 2.0 | 90.26 | ... | 9.2 | $\cdots$ |
| August. . . | 122.4 | 0.8 | 7.3 | 104.7 | 0.5 | 2.3 | 90.56 | 124.5 | . | 7.6 |
| September. | 123.1 | 0.6 | 7.3 | 104.8 | 0.1 | 2.2 | 89.60 | . | ... | ... |
| October... | 123.5 | 0.3 | 7.6 | 104.6 | -0.2 | 2.5 | 89.40 | . $\cdot$ | 5.1 |  |
| November | 124.2 | 0.6 | 7.2 | 104.8 | 0.2 | 2.2 | 89.56 | 126.0 | ... | 7.6 |
| December ... | 124.9 | 0.6 | 6.6 | 105.0 | 0.2 | 2.4 | 89.67 | ... | -•• | -•• |
| 1971 |  |  |  |  |  |  |  |  |  |  |
| January . . . . | 126.0 | 0.9 | 7.6 | 105.5 | 0.5 | 3.8 | 91.27 | $\cdots$ | 9.0 |  |
| February .... | 126.7 | 0.6 | 7.8 | 105.9 | 0.4 | 3.7 | 91.53 | 128.8 | ... | 6.6 |
| March. ....... | 127.1 | 0.3 | 7.2 | 106.0 | 0.1 | 3.3 | 92.05 |  | ... | . |
| April ........ | 128.1 | 0.8 | 6.6 | 106.6 | 0.6 | 2.7 | 92.30 | $\cdots$ | 7.2 | ... |
| May . . . . . . | 128.9 | 0.6 | 6.6 | 106.7 | 0.1 | 2.5 | 92.34 | 131.1 | 7.2 | 6.6 |
| June. | 129.4 | 0.4 | 6.9 | 106.7 | 0.0 | 2.9 | 92.44 | 131.1 | ... | 6.6 |
| July. | 130.1 | 0.5 | 5.9 | 106.9 | 0.2 | 2.1 | 92.21 | . | 5.1 | ... |
| August.... | 130.8 | 0.5 | 4.5 | 107.2 | 0.3 | 1.5 | 92.36 | 132.7 | ... | 6.6 |
| September. | 131.4 | 0.5 | 6.7 | 107.5 | 0.3 | 3.7 | 92.72 | ... | ... | ... |
| October.. | 131.8 | 0.3 | 7.2 | 107.7 | 0.2 | 4.2 | 93.03 | ... | 5.1 | $\ldots$ |
| November . | 131.8 | 0.0 | 6.2 | 107.5 | -0.2 | 2.8 | 93.08 | 134.4 | ... | 5.9 |
| December .. | 133.6 | 1.4 | 6.3 | 108.6 | 1.0 | 3.1 | 93.75 | .. | $\cdots$ | ... |
| 1972 |  |  |  |  |  |  |  |  |  |  |
| January . . . . | 134.6 | 0.7 | 7.6 | 109.1 | 0.5 | 4.3 | 95.09 | $\ldots$ | 9.0 | $\ldots$ |
| February .. | 134.8 | 0.1 | 7.6 | 108.7 | -0.4 | 4.0 | 95.24 | 137.3 | . | 6.1 |
| March.... | 135.5 | 0.5 | 5.2 | 109.2 | 0.5 | 2.2 | 95.69 | . | ... |  |
| April ........ | 136.7 | 0.9 | 4.8 | 110.0 | 0.7 | 1.6 | 96.69 |  | 4.7 |  |
| May . ......... | 136.7 | 0.0 | 5.3 | 109.6 | -0.4 | 2.7 | 95.69 | 138.9 | . |  |
| June. . . . . . . . | 137.1 | 0.3 | r 5.8 | 109.8 | 0.2 | r2. 3 | 96.10 | . | ... |  |
| July......... | 137.8 | 0.5 | r5.3 | 110.0 | 0.2 | rl. 6 | 96.16 |  | 5.9 |  |
| August....... | 138.3 | 0.4 | p5.5 | 110.1 | 0.1 | p1.9 | 96.39 | 140.6 |  |  |
| September.... | r139.3 | 0.7 |  | r110.4 | r0. 3 |  | 96.88 |  |  |  |
| October . . . . . | r140.3 | 0.7 |  | 110.8 | r0.4 |  | p97.27 |  |  |  |
| November .... December . | p140.4 | p0. 1 |  | p110.6 | $\mathrm{p}-0.2$ |  |  |  |  |  |

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Graphs of these series are shown on page 58.
${ }^{1}$ Adjusted for overtime (in manufacturing only) and interindustry employment shifts.
${ }^{2}$ Percent changes are centered within the spans: l-month changes are placed on the latest month, l-quarter changes are placed on the lst month of the 2 nd quarter, 6 -month changes are placed on the 4 th month, and 4 -quarter changes are placed on the middle month of the 3 rd quarter.

D OTHER KEY INDICATORS

| $\begin{aligned} & \text { Year } \\ & \text { and } \\ & \text { month } \end{aligned}$ | D5 WAGES AND PRODUCTIVITY--Con. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Average hourly compensation, all employees, private nonfarm economy--Con. |  |  | Negotiated wage and benefit decisions, all industries (1) |  | Output per man-hour, total private economy |  |  | 858. Output per man-hour, total private nonfarm |
|  | Real compensation |  |  | 748. First year average changes <br> (Ann. rate, percent) | 749. Average changes over life of contract <br> (Ann. rate, percent) | 770. Index$(1967=100)$ | 770c. Change over 1 -quarter spans ${ }^{1}$ <br> (Ann. rate, percent) | 770c. Change over 4-quarter spans ${ }^{2}$ <br> (Ann. rate, percent) |  |
|  | 746. Index $(1967=100)$ | 746c. Change over 1-quarter spans ${ }^{1}$ (Ann. rate, percent) | 746c. Change over 4-quarter spans ${ }^{1}$ (Ann. rate, percent) |  |  |  |  |  |  |
| 1970 |  |  |  |  |  |  |  |  |  |
| January..... | ... | -0.1 | ... | 11.3 | 8.0 |  | -1.3 | ... | ... |
| February..... | 105.1 |  | 1.9 | 11. | ... | 102.8 | . | 2.2 | 101.8 |
| March....... | ... | -•• | - | ... | $\cdots$ | $\cdots$ | $\cdots$ | -•• | -•• |
| April ......... | ... | 0.7 | ... | 16.3 | 10.9 | ... | 4.3 | ... | ... |
| May .......... | 105.2 | ... | 1.2 | ... | ... | 103.9 | ... | 1.9 | 103.0 |
| June........... | - | -•• | -•• | . $\cdot$ | $\cdots$ | . $\cdot$ | . $\cdot$ | $\cdots$ | ... |
| July ........ |  | 4.5 |  | 16.0 | 11.6 |  | 6.9 | $\cdots$ | $\ldots$ |
| August....... | 106.4 | $\ldots$ | 2.6 | ... | ... | 105.6 | ... | 4.1 | 104.7 |
| September.... | .. | . . | ... | . . | ... | ... | ... | $\ldots$ | ... |
| October...... | . $\cdot$ | -0.3 | $\cdots$ | 10.6 | 7.5 | ... | -1.9 | ... | ... |
| November ... | 106.3 | . | 3.1 | $\cdots$ | ... | 105.1 | $\cdots$ | 3.6 | 103.9 |
| $1971$ | ... | . | . | . | - | ... | -•• | ... | $\ldots$ |
| January ...... | ... | 5.6 | $\cdots$ | 10.6 | 8.5 | $\cdots$ | 7.5 | -•• | $\cdots$ |
| February..... | 107.8 | ... | 2.2 | ... | ... | 107.0 | ... | 2.7 | 105.8 |
| March........ | - | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ |
| April . . . . . . . | . $\cdot$ | 2.7 | $\cdots$ | 11.5 | 8.2 | $\cdots$ | 2.2 | $\cdots$ | $\cdots$ |
| May . . . . . . . . | 108.5 | ... | 3.0 | . | ... | 107.6 | ... | 4.1 | 106.6 |
| June.......... | . | . | . . | .... | $\ldots$ | . | -•• | ... | ... |
| July . . . . . . . | $\cdots$ | 1.0 | $\cdots$ | 15.0 | 8.7 | $\cdots$ | 3.2 | $\cdots$ | $\cdots$ |
| August....... | 108.8 | ... | 3.0 | ... | ... | 108.5 | ... | 3.2 | 107.3 |
| September . . . . | . $\cdot$ | ... | . . | ... | -.. | $\cdots$ | - | $\cdots$ | ... |
| October...... | 109 | 2.7 | $\ddot{7}$ | 12.7 | 10.6 | 109 | 3.7 | $\cdots$ | … |
| November .... | 109.5 | ... | 2.7 | . . | ... | 109.4 | ... | 4.2 | 108.5 |
| December .... | -• | -•• | . | $\cdots$ | . . | $\cdots$ | $\cdots$ | . . | ... |
| 1972 |  |  |  |  |  |  |  |  |  |
| January...... | $\ldots$ | 5.4 | $\cdots$ | p9.3 | p8.1 | ... | 3.9 |  | ... |
| February..... | 110.9 | ... | 2.9 | - | . | 110.5 | ... | 4.5 | 109.9 |
| March. ........ | -•• | $\cdots$ |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  | $\cdots$ |
| April ......... | $\cdots$ | 1.6 |  | p7.3 | p7.0 | $\ldots$ | 6.2 |  | ... |
| May . . . . . . . | 111.4 | $\cdots$ |  | P7 | ... | 112.2 | ... |  | 111.3 |
| June.......... | - | - |  | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ |  | . $\cdot$ |
| July......... |  | 2.1 |  | p8.6 | p7.6 |  | 4.1 |  |  |
| August. ...... <br> September | 112.0 |  |  |  |  | 113.3 |  |  | 113.1 |
| October ...... |  |  |  |  |  |  |  |  |  |
| November . . . December.. |  |  |  |  |  |  |  |  |  |

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

D OTHER KEY INDICATORS

| Year and month | D6 CIVILIAN LABOR FORCE AND MAJOR COMPONENTS |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Civilian labor force |  |  | Unemployment rates |  |  |  |  |
|  | 841. Total <br> (Thous.) | 842. Employed <br> (Thous.) | 843. Unemployed <br> (Thous.) | 844. Males 20 years and over <br> (Percent) | 845. Females 20 years and over <br> (Percent) | 846. Both sexes 16-19 years of age <br> (Percent) | 847. White <br> (Percent) | 848. Negro and other races <br> (Percent) |
| 1970 |  |  |  |  |  |  |  |  |
| January..... | 82,061 | 78,853 | 3,208 | 2.5 | 3.7 | 13.6 | 3.6 | 6.5 |
| February .... | 82,187 | 78,752 | 3,435 | 2.8 | 4.1 | 13.5 | 3.8 | 7.1 |
| March... | 82,652 | 79,018 | 3,634 | 2.9 | 4.5 | 13.6 | 4.0 | 7.2 |
| April . . | 82,769 | 78,908 | 3,861 | 3.2 | 4.4 | 15.2 | 4.2 | 8.2 |
| May ... | 82,504 | 78,514 | 3,990 | 3.4 | 4.9 | 14.3 | 4.5 | 8.0 |
| June. | 82,388 | 78,412 | 3,976 | 3.4 | 4.6 | 15.1 | 4.4 | 8.5 |
| July........ | 82,804 | 78,631 | 4,173 | 3.7 | 4.9 | 14.4 | 4.7 | 8.2 |
| August. | 82,769 | 78,514 | 4,255 | 3.7 | 4.8 | 15.8 | 4.7 | 8.5 |
| September... | 82,945 | 78,448 | 4,497 | 3.9 | 5.1 | 16.5 | 5.0 | 8.7 |
| October.. | 83,266 | 78,678 | 4,588 | 4.0 | 5.1 | 16.7 | 5.1 | 9.0 |
| November . | 83,418 | 78,548 | 4,870 | 4.2 | 5.6 | 17.2 | 5.4 | 9.0 |
| December . | 83,485 | 78,427 | 5,058 | 4.5 | 5.7 | 17.6 | 5.6 | 9.6 |
| 1971 |  |  |  |  |  |  |  |  |
| January..... | 83,730 | 78,718 | 5,012 | 4.3 | 5.7 | 17.5 | 5.5 | 9.5 |
| February. | 83,361 | 78,475 | 4,886 | 4.3 | 5.6 | 16.9 | 5.4 | 9.6 |
| March. . | 83,455 | 78,446 | 5,009 | 4.3 | 5.8 | 17.5 | 5.5 | 9.5 |
| April ..... | 83,788 | 78,732 | 5,056 | 4.4 | 5.9 | 17.0 | 5.6 | 9.8 |
| May . . . . . . June.... | 83,986 83,401 | 78,830 78,600 | 5,156 4,801 | 4.5 4.3 | 5.9 5.6 | 17.4 16.2 | 5.6 5.3 | 10.5 |
| June......... | 83,401 | 78,600 | 4,801 | 4.3 | 5.6 | 16.2 | 5.3 | 9.4 |
| July | 83,930 | 79,014 | 4,916 | 4.3 | 5.7 5.8 | 16.5 | 5.4 | 10.0 |
| August. .... | 84,313 | 79,199 | 5,114 | 4.5 | 5.8 5.7 | 17.1 | 5.6 | 9.9 |
| September... | 84,491 | 79,451 | 5,040 | 4.5 | 5.7 | 16.9 | 5.4 | 10.4 |
| October... | 84,750 | 79,832 | 4,918 | 4.3 | 5.5 | 16.7 | 5.3 | 10.4 |
| November | 85,116 | 80,020 | 5,096 | 4.4 | 5.8 | 16.7 | 5.6 | 9.4 |
| December | 85,225 | 80,098 | 5,127 | 4.3 | 5.8 | 17.3 | 5.4 | 10.4 |
| 1972 |  |  |  |  |  |  |  |  |
| January..... | 85,707 | 80,636 | 5,071 | 4.2 | 5.5 | 17.8 | 5.3 | 10.6 |
| February.... | 85,535 | 80,623 | 4,912 | 4.0 | 5.0 | 18.8 | 5.1 | 10.5 |
| March. ...... | 86,313 | 81,241 | 5,072 | 4.1 | 5.4 | 17.9 | 5.3 | 10.5 |
| April . | 86,284 | 81,205 | 5,079 | 4.3 | 5.4 | 17.3 | 5.4 | 9.6 |
| May ........ | 86,486 | 81,394 | 5,092 | 4.3 | 5.9 | 15.7 | 5.3 | 10.7 |
| June.......... | 86,395 | 81,667 | 4,728 | 4.0 | 5.5 | 14.5 | 5.0 | 9.4 |
| July......... | 86,467 | 81,682 | 4,785 | 3.9 | 5.7 | 14.8 | 5.0 | 9.9 |
| August....... | 86,860 | 81,973 | 4,887 | 3.9 | 5.5 | 16.9 | 5.1 | 9.7 |
| September.... | 87,049 | 82,222 | 4,827 | 3.8 | 5.4 | 16.5 | 5.0 | 10.2 |
| October . . . . . | 87,276 | 82,482 | 4,794 | 3.9 | 5.5 | 15.3 | 5.0 | 10.1 |
| November . . . December . . . | 87,037 | 82,531 | 4,506 | 3.6 | 5.0 | 15.4 | 4.6 | 9.8 |

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Graphs of these series are shown on page 60.

| $\begin{aligned} & \text { Year } \\ & \text { and } \\ & \text { quarter } \end{aligned}$ | E1 ACTUAL AND POTENTIAL GNP |  |  |
| :---: | :---: | :---: | :---: |
|  | Gross national product in constant (1958) dollars |  | 207. Gap (potential less actual) |
|  | 205. Actual value (Ann. rate, bil. dol.) | 206. Potential level ${ }^{1}$ <br> (Ann. rate, bil. dol.) | (Ann. rate, bil. dol.) |
| 1969 |  |  |  |
| First quarter. | 722.4 | 717.2 | -5.2 |
| Second quarter. | 725.8 | 724.3 | -1.5 |
| Third quarter.. | 729.2 | 731.4 | +2.2 |
| Fourth quarter. 1970 | 725.1 | 738.6 | +13.5 |
| First quarter.. | 720.4 | 746.4 | +26.0 |
| Second quarter. | 723.2 | 754.3 | +31.1 |
| Third quarter. . | 726.8 | 762.3 | +35.5 |
| Fourth quarter. | 718.0 | 770.4 | +52.4 |
| 1971 |  |  |  |
| First quarter.. | 731.9 | 778.5 | $+46.6$ |
| Second quarter. | 737.9 | 786.7 | $+48.8$ |
| Third quarter. | 742.5 | 795.1 | +52.6 |
| Fourth quarter. 1972 | 754.5 | 803.5 | +49.0 |
| First quarter. . | 766.5 | 812.0 |  |
| Second quarter | 783.9 | 820.6 | +36.7 +33.2 |
| Fourth quarter. | 796.1 | 829.3 | +33.2 |

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Graphs of these series ore 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 4 th quarter 1962 to the 4 th quarter 1965, 4 percent from 4 th quarter 1965 to 4 th quarter 1969 and 4.3 percent from 4th quarter 1969 to 3rd quarter 1972.

| Year and month | E2 ANALYTICAL RATIOS |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 850. Ratio, output to capacity, manu* facturing <br> (Percent) | 851. Ratio, inventories to sales, manufacturing and trade | 852. Ratio, unfilled orders to shipments, manufacturers' durable goods industries <br> (Ratio) | 853. Ratio, production of business equipment to consumer goods $(1967=100)$ | 854. Ratio, personal saving to disposable personal income <br> (Ratio) | 860. Ratio, help-wanted advertising to persons unemployed ${ }^{1}$ <br> (Ratio) | 857. Vacancy rate in total rental housing (1) <br> (Percent) |
| 1970 |  |  |  |  |  |  |  |
| January . . . . |  | 1.61 | 3.12 | 95.2 | ... | 1.011 |  |
| February...... | 80.8 | 1.61 | 3.08 | 94.5 | 0.069 | 0.945 | 5.4 |
| March......... | ... | 1.62 | 3.10 | 94.8 | ... | 0.844 | ... |
| Aprif .......... |  | 1.64 | 3.09 | 93.7 | $\cdots$ | 0.763 | $\ldots$ |
| May . . . . . . . . | 79.8 | 1.62 | 3.00 | 92.7 | 0.081 | 0.709 | 5.4 |
| June.......... | ... | 1.62 | 3.00 | 92.0 | ... | 0.689 | ... |
| July.......... |  | 1.63 | 2.93 | 91.4 | $\cdots$ | 0.649 |  |
| August. ...... | 78.3 | 1.63 | 2.92 | 91.4 | 0.083 | 0.623 | 5.3 |
| September..... | ... | 1.64 | 2.86 | 91.1 | -• | 0.563 | ... |
| October . . . . . . |  | 1.67 | 2.89 | 88.9 | $\cdots$ | 0.500 | $\ldots$ |
| November .... | 74.2 | 1.70 | 2.92 | 88.9 | 0.084 | 0.477 | 5.2 |
| December $\qquad$ 1971 | ... | 1.67 | 2.88 | 87.0 | ... | 0.471 | ... |
| January ...... |  | 1.65 | 2.90 | 84.2 | $\cdots$ | 0.445 | $\cdots$ |
| February.. | 75.0 | 1.63 | 2.88 | 85.3 | 0.082 | 0.469 | 5.3 |
| March. ... | ... | 1.62 | 2.80 | 84.1 | ... | 0.463 | ... |
| April .......... |  | 1.61 | 2.76 | 83.3 | $\cdots$ | 0.459 | $\ldots$ |
| May . . . . . . . . | 75.6 | 1.60 | 2.67 | 82.4 | 0.086 | 0.456 | 5.3 |
| June........... | ... | 1.59 | 2.58 | 82.3 | ... | 0.515 | ... |
| July . . . . . . |  | 1.67 | 2.62 | 83.5 | $\ldots$ | 0.515 | $\ldots$ |
| August...... | 74.7 | 1.58 | 2.71 | 84.1 | 0.081 | 0.495 | 5.6 |
| September.... | -•• | 1.60 | 2.68 | 84.1 | ... | 0.473 | ... |
| October....... | $\cdots$ | 1.61 | 2.65 | 84.2 | $\cdots$ | 0.484 | $\cdots$ |
| November .... | 74.6 | 1.57 | 2.60 | 83.0 | 0.078 | 0.473 | 5.6 |
| December $\qquad$ <br> 1972 | ... | 1.58 | 2.57 | 83.1 | ... | 0.494 | -•• |
| January ...... | ... | 1.55 | 2.55 | 83.0 | $\cdots$ | 0.499 |  |
| February..... | 75.3 | 1.56 | 2.54 2.51 | 83.5 | 0.072 | 0.527 | 5.3 |
| March......... | . $\cdot$ | 1.53 | 2.51 | 84.7 | ... | 0.528 | ... |
| April ......... | $\cdots$ | 1.52 | 2.46 | 83.0 | 006 | 0.545 | $\cdots$ |
| May .......... | 77.4 $\ldots$ | 1.51 1.52 | 2.47 2.58 | 83.9 83.9 | 0.064 ... | 0.544 0.605 | 5.5 |
| June........... |  | 1.52 |  |  |  |  | . |
| Juiy.......... | … | 1.51 | 2.58 | 83.7 | $\ldots$ | 0.641 |  |
| August....... September... | r78.1 | 1.49 $r 1.49$ | 2.54 2.57 | r85.3 r85.3 | 0.064 | 0.646 | 5.8 |
|  |  | r1.49 |  | r85.3 |  | 0.611 |  |
| October....... |  | p1. 47 | p2. 52 | r86.2 |  | 0.646 |  |
| November .... December |  |  | (NA) | p86.2 |  | (NA) |  |

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Graphs of these series are shown on page 62.
${ }^{1}$ 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.


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Graphs of these series are shown on page 63.
${ }^{1}$ This is a copyrighted series used by permission; it may not be reproduced without written permission from The Conference Board.
${ }^{2}$ Based on 72 components through August 1972 , and on 71 components thereafter. Component data are not shown in table E 4 but are available from the source agency.
${ }^{3}$ Average for December 5, 12, and 19.


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, 6 -month indexes are placed in the 4th month, and 9 -month indexes are placed on the 6th 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; " p ", preliminary; and "NA", not avairable. 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 entered for 1972 are not strictly comparable with earlier data. See "New Features and Changes for This Issue," page iii of the October 1972 issue.
${ }^{3}$ 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

| Diffusion index components | 1972 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | April | May | June | July | August | September | October ${ }^{\text {r }}$ | November ${ }^{\text {p }}$ |
| D1. AVERAGE WORKWEEK OF PRODUCTION WORKERS, MANUFACTURING ${ }^{1}$ (Average weekly hours) |  |  |  |  |  |  |  |  |
| All manufacturing industries. . . . . . . . . . . . . . | + 40.8 | - 40.5 | $+\quad 40.7$ | - 40.6 | 040.6 | $+\mathrm{r} 40.8$ | - 40.7 | + 40.9 |
| Percent rising of 21 components | (88) | (0) | (88) | (26) | (71) | (60) | (45) | (62) |
| Durable goods industries: |  |  |  |  |  |  |  |  |
| Ordnance and accessories. | $+42.2$ | 42.0 | - 42.0 | + 42.4 | + 42.7 | - r42.2 | + 42.4 | - 42.4 |
| Lumber and wood products. | + 41.1 | 42.0 | + 41.2 | 41.1 | + 41.2 | + r41.3 | 41.2 | - 41.0 |
| Furniture and fixtures. | $+40.7$ | - 40.5 | $+40.8$ | - 40.4 | $+40.5$ | $\bigcirc \quad 40.5$ | - 40.2 | + 40.4 |
| Stone, clay, and glass products | - 42.0 | 41.8 | $+\quad 42.0$ | 41.9 | $\bigcirc \quad 41.9$ | $\bigcirc \quad 24.9$ | + 42.2 | - 41.9 |
| Primary metal industries . | $+41.4$ | 41.3 | $+41.4$ | 041.4 | $+41.5$ | + 42.0 | $+42.3$ | $+\quad 42.7$ |
| Fabricated metal products | + 41.4 | 41.1 | $+41.2$ | $+41.3$ | - 41.2 | - r41.1 | $+41.3$ | + 41.5 |
| Machinery, except electrical | + 41.9 | - 41.8 | $+42.1$ | - 42.0 | + 42.3 | + 42.4 | - 42.2 | + 42.6 |
| Electrical equipment and supplies | $+40.8$ | 40.4 | + 40.5 | 40.3 | $+\quad 40.5$ | $+\mathrm{r} 40.6$ | - 40.6 | 40.5 |
| Transportation equipment. | $+43.0$ | - 41.9 | - 41.6 | - 41.3 | - 41.2 | + r41.9 | - 41.7 | $+42.3$ |
| Instruments and related products | + 40.7 | 40.6 | - 40.6 | 40.4 | + 40.6 | $+\quad \mathrm{r} 40.7$ | 40.5 | - 40.5 |
| Misceilaneous manufacturing industries . . . . . . . . | + 39.6 | - 39.4 | + 39.5 | 39.3 | + 39.5 | - 39.5 | 39.2 | - 39.1 |
| Nondurable goods industries: |  |  |  |  |  |  |  |  |
| Food and kindred products. | $+\quad 40.7$ | 40.4 | + 40.5 | 40.4 | - 40.3 | - r40.2 | 40.3 | + 40.4 |
| Tobacco manufactures. | 34.1 | - $\quad 33.7$ | + 34.2 | + 34.3 | + 35.4 | - 34.1 | + 36.7 | 36.6 |
| Textile mill products . . . . . . . . . . . . . . . . . . . | $+\quad 41.7$ $+\quad 36$ | - 41.2 | + <br> + | - 41.2 | $+41.3$ | + 41.4 | - 41.2 | + 41.4 |
| Apparel and other textile products. . . . . . . . . . . . | $+36.2$ | - 35.6 | + 35.9 | + 36.0 | - 36.0 | $+\mathrm{r} 36.3$ | - 36.3 | + 36.4 |
| Paper and allied products | + 42.9 | - 42.5 | + 43.0 | - 42.8 | + 43.0 | - 42.9 | 42.8 | + 42.9 |
| Printing and publishing. | + 38.0 | - 37.7 | + 37.9 | + 38.0 | - $\quad 37.9$ | + 38.2 | - 38.1 | + 38.3 |
| Chemicals and allied products . . . . . . . . . . . . . . . | - 41.7 | - 41.6 | + 42.0 | 41.8 | - 41.7 | $+\quad \mathrm{r} 41.8$ | + 41.9 | - 41.8 |
| Petroleum and coal products. . | $+42.4$ | - 42.0 | $+42.2$ | - 41.6 | $+41.8$ | $+\quad r 42.3$ | - 42.3 | - 42.0 |
| Rubber and plastic products, n.e.c. | + 41.3 | - 41.0 | $+47.3$ | - 40.9 | + 41.4 | - 47.1 | + 41.4 | + 41.7 |
| Leather and leather products . . . . . . . . . . . . . . . . | + 39.1 | + 38.6 | - 38.6 | 38.4 | + 39.0 | - r38.7 | - 37.8 | + 37.9 |
| D6. VALUE OF MANUFACTURERS' NEW ORDERS, DURABLE GOODS INDUSTRIES ${ }^{12}{ }^{2}$ (Millions of dollars) |  |  |  |  |  |  |  |  |
| All durable goods industries | + 34,005 | + 34,302 | + 35,612 | - 34,430 | + 35,727 | $+36,851$ | - 36,759 | + 37,807 |
| Percent rising of 35 components. | (63) | (43) | (49) | (43) | (69) | (57) | (53) | (61) |
| Primary metals | - 4,999 | + 5,339 | + 5,442 | - 5,426 | + 5,967 | - 6,859 | - 5,727 | + 5,940 |
| Fabricated metal products | - 3,401 | - 3,373 | + 3,505 | - 3,501 | + 3,556 | + 3,691 | - 3,554 | - 3,520 |
| Machinery, except electrical | + 5,654 | + 5,668 | + 5,923 | - 5,728 | $+5,823$ | + 6,006 | + 6,074 | + 6,301 |
| Electrical machinery. | + 4,833 | $+4,841$ | - 4,775 | - 4,621 | $+4,778$ | + 5,025 | + 5,174 | + 5,274 |
| Transportation equipment | + 8,111 | - 7,867 | + 8,781 | - 8,181 | + 8,302 | + 8,758 | + 8,990 | - 8,971 |
| Other durable goods industries. | + 7,007 | $+7,214$ | - 7,187 | - 6,973 | + 7,271 | + 7,512 | - 7,240 | + 7,801 |

NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: $(+)=$ rising, $(0)=$ unchanged, and $(\cdot)=$ falling. $N A=$ not available. $p=$ preliminary. $r=$ revised.
${ }^{1}$ 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.



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 December 5, 12, and 19.
${ }^{2}$ Serjes 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 the latest month shown are preliminary.

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



NOTE: To facilitate interpretation, the monthtomonth 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 | 1972 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | April | May | June | July | August | September | October | November |
| D54. SALES OF RETAIL STORES ${ }^{1}$ <br> (Millions of dollars) |  |  |  |  |  |  |  |  |
| All retail sales. | - 36,296 | + 37,141 | - 36,822 | $+37,342$ | $+37,969$ | - r37,746 | + 39,089 | - 39,013 |
| Percent rising of 23 components ${ }^{2}$. | (48) | (70) | (37) | (70) | (76) | (30) | (96) | (NA) |
| Grocery stores | + 7,265 | + 7,449 | - 7,279 | + 7,374 | + 7,457 | - r7,438 | + 7,655 | (NA) |
| Eating and drinking places | - 2,763 | + 2,785 | + 2,801 | + 2,818 | - 2,797 | + r2,830 | + 2,872 | (NA) |
| Department stores. | - 3,643 | + 3,838 | - 3,792 | + 3,899 | - 3,845 | + r4,007 | + 4,085 | (NA) |
| Mail-order houses (department store merchandise). | - 396 | $+\quad 423$ | - 393 | $+\quad 422$ | + 439 | - r425 | $+\quad 456$ | (NA) |
| Variety stores | + 671 | 649 | 638 | + 643 | + 654 | - r634 | + 666 | (NA) |
| Men's and boys' wear stores | + 445 | 438 | 429 | $+\quad 433$ | + 438 | - r433 | + 485 | (NA) |
| Women's apparel, accessory stores | + 673 | 706 | 683 | + 695 | + 699 | $+\quad$ r701 | 707 $+\quad 351$ | (NA) |
| Shoe stores | + 310 | $+\quad 317$ | - 294 | + 299 | + 300 | $+\quad r 318$ | + 351 | (NA) |
| Furniture, home furnishings stores. | - 1,044 | 1,016 | + 1,051 | - 1,026 | + 1,040 | - rl,034 | + 1,061 | (NA) |
| Household appliance, TV, radio stores. | + 583 | 576 | - 527 | + 607 | + 613 | - r580 | + 608 | (NA) |
| Lumber yards, building materials dealers . . . . . . . . . | 1,246 | $+\quad 1,250$ | + 1,263 | + 1,338 | + 1,362 | + 1,406 | + 1,450 | (NA) |
| Hardware stores . . . . . | 316 | $+342$ | - 342 | 341 | + 352 | - r340 | - 339 | (NA) |
| Passenger car and other automotive dealers | + 6,490 | + 6,719 | - 6,704 | + 6,821 | + 7,104 | - r6,888 | + 7,191 | (NA) |
| Tire, battery, accessory dealers. . | 577 | + 583 | - $\quad 562$ | + 578 | + 619 | - r615 | + 650 | (NA) |
| Gasoline service stations | - 2,489 | + 2,534 | - 2,500 | + 2,577 | + 2,622 | - r2,611 | + 2,668 | (NA) |
| Drug and proprietary stores | + 1,205 | + 1,208 | + 1,218 | - 1,204 | + 1,246 | - r1,204 | + 1,232 | (NA) |
| Liquor stores.. | - 769 | 766 | + 776 | + 785 | - 775 | - $\quad$ r767 | + 801 | (NA) |

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

| All manufacturing industries . <br> Percent rising of 22 components | + | $\begin{array}{r} 116.9 \\ (77) \end{array}$ | + | $\begin{array}{r} 117.4 \\ (91) \end{array}$ | + | $\begin{array}{r} 117.8 \\ (80) \end{array}$ | $+$ | $\begin{array}{r} 118.3 \\ (80) \end{array}$ | $+$ | $\begin{array}{r} 118.5 \\ (75) \end{array}$ | + | $\begin{gathered} 118.8 \\ (82) \end{gathered}$ | 0 | $\begin{gathered} 118.8 \\ (68) \end{gathered}$ | $+$ | $\begin{gathered} 119.2 \\ (84) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Durable goods: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lumber and wood products. | + | 141.1 | + | 142.7 | + | 144.2 | $+$ | 146.1 | $+$ | 148.1 | $+$ | 148.5 | + | 149.2 | + | 149.4 |
| Furniture and household durab | + | 111.0 | + | 111.1 | + | 111.2 | $+$ | 111.4 | + | 111.7 | + | 112.0 | 0 | 112.0 | + | 112.3 |
| Nonmetallic mineral products | + | 125.6 | + | 125.9 | - | 125.8 | $+$ | 126.2 | $+$ | 126.7 | + | 126.9 | $+$ | 127.3 | - | 127.3 |
| Iron and steel | - | 128.3 | - | 128.3 | - | 128.1 | $+$ | 128.3 | + | 128.6 | + | 128.8 | + | 128.9 | + | 129.0 |
| Nonferrous metals | + | 117.6 | + | 117.8 | - | 117.6 | - | 116.8 | 0 | 116.8 | + | 117.4 | - | 117.3 | - | 117.2 |
| Fabricated structural metal product | - | 122.1 | - | 122.0 | + | 122.2 | - | 122.2 | + | 122.5 | $+$ | 122.7 | + | 123.0 | + | 123.1 |
| Miscellaneous metal products . . . | + | 124.3 | + | 124.4 | - | 124.4 | - | 124.2 | + | 124.7 | - | 124.7 | + | 124.8 | + | 124.9 |
| General purpose machinery and equipme | + | 121.9 | + | 122.2 | + | 122.7 | + | 122.9 | + | 123.0 | - | 123.0 | + | 123.2 | + | 123.3 |
| Miscellaneous machinery. | + | 119.6 | + | 120.3 | + | 120.7 | + | 120.8 | - | 120.8 | + | 120.9 | $\bigcirc$ | 120.9 | - | 120.8 |
| Electrical machinery and equipmen | + | 110.2 | + | 110.5 | + | 110.6 | + | 110.7 | - | 110.6 | - | 110.6 | - | 110.5 | + | 110.6 |
| Motor vehicles and equipment | - | 118.0 | $+$ | 118.1 | $+$ | 118.5 | - | 118.4 | + | 118.5 | - | 118.5 | - | 116.9 | + | 117.0 |
| Miscellaneous products. | - | 114.1 | - | 114.1 | + | 114.2 | + | 114.9 | + | 115.1 | + | 115.2 | - | 115.0 | - | 115.0 |
| Nondurable goods: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processed foods and feeds | - | 117.7 | + | 118.6 | $+$ | 119.6 | + | 121.5 | - | 121.0 | + | 121.8 | 0 | 121.8 | $+$ | 123.1 |
| Cotton products | + | 120.5 | + | 121.5 | + | 122.6 | + | 123.0 | - | 122.8 | + | 123.6 | + | 124.0 | $+$ | 124.2 |
| Wool products. | + | 93.0 | $+$ | 98.3 | + | 99.2 | + | 100.0 | $+$ | 101.1 | + | 102.5 | + | 106.6 | $+$ | 107.1 |
| Manmade fiber textile products | + | 107.2 | $+$ | 108.0 | + | 108.6 | + | 108.9 | - | 108.7 | - | 108.6 | $\bigcirc$ | 108.6 | $+$ | 109.5 |
| Apparel. | $+$ | 114.2 | + | 114.3 | + | 114.4 | + | 115.1 | $\bigcirc$ | 115.1 | + | 115.3 | + | 115.6 | $+$ | 115.9 |
| Pulp, paper, and allied products | $+$ | 112.8 | + | 113.2 | + | 113.5 | + | 113.7 | + | 114.1 | + | 114.3 | $+$ | 114.7 | + | 115.0 |
| Chemicals and allied products. | $+$ | 104.1 | + | 104.4 | - | 104.3 | - | 104.2 | + | 104.4 | - | 104.4 | - | 104.4 | + | 104.7 |
| Petroleum products, refined. | + | 106.6 | + | 107.3 | + | 108.5 | + | 109.1 | + | 110.7 | + | 111.3 | + | 111.5 | $\bigcirc$ | 111.5 |
| Rubber and plastic products | - | 108.7 | + | 108.8 | + | 108.9 | + | 109.2 | + | 109.5 | - | 109.5 | - | 109.5 | + | 109.8 |
| Hides, skins, leather, and related product | $+$ | 127.2 |  | 129.5 | + | 130.9 | $+$ | 131.6 | + | 134.6 | + | 135.7 | $+$ | 139.8 | + | 144.0 |

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.
${ }^{1}$ 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.

| Year and month | F1 CONSUMER PRICES |  |  |  |  |  |  | F2 INDUSTRIAL PRODUCTION |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 781. United States, index of consumer prices (a) $(1967=100)$ | 133. Canada, index of consumer prices (4) $(1967=100)$ | 132. United Kingdom, index of consumer prices (1) $(1967=100)$ | 135, West Germany, index of consumer prices (©) $(1967=100)$ | 136. France, index of consumer prices (1) $(1967=100)$ | 138. Japan, index of consumer prices (a) $(1967=100)$ | 137. Italy, index of consumer prices ( (l) $(1967=100)$ | 47. United States, index of industrial production $(1967=100)$ | 123. Canada, index of industrial production (1967=100) | 122. United Kingdom, index of industrial production $(1967=100)$ | 126. France, index of industrial production $(1967=100)$ |
| 1970 |  |  |  |  |  |  |  |  |  |  |  |
| January. | 113 | 111 | 114 | 107 | 114 | 116 | 107 | 107 | 115 | 109 | 125 |
| February. | 114 | 112 | 114 | 108 | 115 | 117 | 107 | 108 | 116 | 110 | 125 |
| March.... | 114 | 112 | 115 | 108 | 115 | 118 | 108 | 108 | 114 | 112 | 124 |
| April . | 115 | 112 | 117 | 108 | 216 | 119 | 108 | 108 | 115 | 111 | 126 |
| May | 116 | 112 | 117 | 109 | 117 | 118 | 109 | 108 | 114 | 109 | 124 |
| June. . | 116 | 113 | 117 | 109 | 117 | 117 | 109 | 108 | 115 | 110 | 122 |
| July . | 117 | 113 | 118 | 109 | 118 | 118 | 109 | 108 | 114 | 109 | 124 |
| August. | 117 | 113 | 118 | 109 | 118 | 118 | 109 | 108 | 114 | 111 | 124 |
| September.. | 118 | 113 | 119 | 109 | 118 | 122 | 110 | 107 | 113 | 112 | 125 |
| October .. | 118 | 113 | 120 | 109 | 119 | 124 | 111 | 104 | 113 | 112 | 124 |
| November | 218 | 113 | 121 | 110 | 119 | 123 | 111 | 103 | 114 | 110 | 125 |
| December | 119 | 113 | 121 | 110 | 120 | 124 | 112 | 105 | 114 | 112 | 126 |
| 1971 |  |  |  |  |  |  |  |  |  |  |  |
| January . . . . | 119 | 113 | 123 | 111 | 120 | 125 | 112 | 105 | 115 | 113 | 127 |
| February .... | 119 | 113 | 124 | 112 | 121 | 125 | 113 | 106 | 115 | 110 | 129 |
| March.... | 120 | 114 | 125 | 113 | 121 | 125 | 113 | 106 | 116 | 109 | 131 |
| April .......... | 120 | 115 | 128 | 114 | 122 | 127 | 113 | 106 | 115 | 111 | 128 |
| May . . . . . . . | 121 | 115 | 128 | 11.4 | 123 | 127 | 114 | 107 | 116 | 111 | 127 |
| June........... | 122 | 115 | 129 | 115 | 123 | 127 | 114 | 107 | 116 | 112 | 130 |
| July. | 122 | 116 | 130 | 115 | 124 | 127 | 114 | 107 | 117 | 211 | 132 |
| August. ..... | 122 | 117 | 130 | 115 | 124 | 126 | 115 | 106 | 123 | 111. | 132 |
| September.. | 122 | 117 | 130 | 116 | 125 | 131 | 115 | 107 | 225 | 212 | 136 |
| October. | 122 | 117 | 131 | 116 | 126 | 131 | 116 | 107 | 125 | 111 | 135 |
| November | 123 | 117 | 132 | 117 | 126 | 129 | 117 | 107 | 124 | 111 | 136 |
| December | 123 | 118 | 132 | 117 | 127 | 129 | 117 | 108 | 124 | 110 | 135 |
| 1972 |  |  |  |  |  |  |  |  |  |  |  |
| January....... | 123 | 118 | 133 | 118 | 127 | 130 | 117 | 109 | 125 | 110 | 138 |
| February..... | 124 | 119 | 134 | 119 | 128 | 130 | 118 | 110 | 126 | 99 | 1.37 |
| March.... | 124 | 119 | 134 | 119 | 128 | 131 | 118 | 111 | 127 | 112 | 139 |
| April ......... | 124 | 120 | 136 | 120 | 129 | 132 | 119 | 113 | 129 | 113 | 137 |
| May . . . . . . . . | 125 | 120 | 136 | 120 | 130 | 133 | 120 | 113 | 128 | 117 | 140 |
| June........ | 125 | 120 | 137 | 121 | 130 | 133 | 120 | 113 | 129 | 116 | 139 |
| Juiy.......... | 126 | 122 | 138 | 122 | 131 | 133 | 121 |  |  |  |  |
| August........ | 126 | 122 | 139 | 122 | 132 | 134 | 122 | 115 | (NA) | p117 | p141 |
| September..... | 126 | 123 | 139 | 123 | 133 | 135 | (NA) | 116 |  | (NA) | (NA) |
| October....... | 127 | (NA) | (NA) | 124 | (NA) | 136 |  | 117 |  |  |  |
| November $\qquad$ December | 127 |  |  | (NA) |  | (NA) |  |  |  |  |  |

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 65 and 67 .

F INTERNATIONAL COMPARISONS

| Year and month | F2 INDUSTRIAL. PRODUCTION-Con. |  |  |  | F3 STOCK PRICES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 125. West Germany, index of industrial production $(1967=100)$ | 128. Japan, index of industrial production $(1967=100)$ | 121. 0ECD, ${ }^{1}$ <br> European countries. index of industrial production $(1967=100)$ | 127. Jtaly, index of industrial production $(1967=100)$ | 19. United States, index of stock prices, 500 common stocks (1) $(1967=100)$ | 143. Canada, index of stock prices (a) $(1967=100)$ | 142. United Kingdom, index of stock prices(1) $(1967=100)$ | 146. France, index of stock prices(1) $(1967 \approx 100)$ | 145. West Germany, index of stock prices (4) $(1967=100)$ | 148. Japan, index of stock prices() $(1967=100)$ | 147. Italy, index of stock prices(비 $(1967=100)$ |
| 1971 |  |  |  |  |  |  |  |  |  |  |  |
| January. | 138 | 164 | 126 | 117 | 102 | 108 | 123 | 136 | 125 | 145 | 91 |
| February.. | 139 | 164 | 126 | 117 | 106 | 108 | 122 | 139 | 134 | 151 | 94 |
| March..... | 138 | 168 | 126 | 116 | 108 | 109 | 120 | 137 | 137 | 161 | 93 |
| Aprit . | 140 | 165 | 127 | 113 | 112 | 112 | 131 | 137 | 135 | 171 | 89 |
| May | 138 | 158 | 126 | 113 | 111 | 108 | 146 | 147 | 138 | 172 | 85 |
| June..... | 138 | 168 | 127 | 114 | 108 | 109 | 147 | 140 | 137 | 182 | 83 |
| July . | 139 | 169 | 128 | 112 | 108 | 109 | 157 | 141 | 135 | 190 | 83 |
| August. | 134 | 168 | 125 | 104 | 106 | 107 | 158 | 135 | 136 | 179 | 82 |
| September. | 138 | 171 | 129 | 117 | 108 | 108 | 164 | 128 | 129 | 170 | 78 |
| October. | 138 | 167 | 129 | 116 | 106 | 110 | 160 | 118 | 124 | 166 | 78 |
| November | 137 | 170 | 129 | 117 | 101 | 98 | 156 | 124 | 124 | 168 | 75 |
| December | 129 | 170 | 127 | 119 | 108 | 107 | 165 | 124 | 133 | 178 | 77 |
| 1972 |  |  |  |  |  |  |  |  |  |  |  |
| january ..... | 140 | 173 | 131 | 119 | 112 | 117 | 175 | 128 | 137 | 195 | 78 |
| February .... | 137 | 175 | 128 | 117 | 114 | 119 | 180 | 130 | 146 | 204 | 76 |
| March. . . | 140 | 179 | 131 | 116 | 117 | 121 | 186 | 140 | 152 | 215 | 74 |
| April ......... | 142 | 178 | 132 | 115 | 118 | 121 | 191 | 147 | 157 | 230 | 79 |
| May .......... | 142 139 | 179 182 | 133 133 | 117 | 117 | 123 | 194 | 155 147 | 161 159 | 261 | 80 |
| June. | 139 | 182 | 133 | 117 | 118 | 127 | 184 | 147 | 159 | 257 | 78 |
| July. | 147 | 182 | 133 | 114 | 117 | 126 | 187 | 156 | 159 | 273 | 80 |
| August... | pl38 | 185 | pl32 | pil3 | 121 | 134 | 195 | 162 | 165 | 290 | 80 |
| September.... | (NA) | p188 | (NA) | (NA) | 119 | 133 | 185 | 163 | 160 | 300 | p80 |
| October...... |  | (NA) |  |  | 119 | pl31 | 180 | p164 | pl54 | 309 | p81 |
| November .... |  |  |  |  | 125 p 128 | pl32 | rpl85 p191 | rpl56 p145 | p157 | rp321 $p 341$ | rp86 |
| 1973 |  |  |  |  |  |  |  |  |  |  |  |
| January ...... |  |  |  |  |  |  |  |  |  |  |  |
| February March. |  |  |  |  |  |  |  |  |  |  |  |
| April ........ |  |  |  |  |  |  |  |  |  |  |  |
| May ......... |  |  |  |  |  |  |  |  |  |  |  |
| 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). 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 .
Organization for Economic Cooperation and Development.

## APPENDIXES

## A. MCD and Related Measures of Variability

Part 1. Monthly Series: Average Percentage Changes

| thly | ${ }_{\substack{\text { Period } \\ \text { covered }}}$ | व̄ | T | $\bar{\square}$ | \%/̄ | mco | $\begin{gathered} \overline{1 / c} \\ \substack{10 \\ \text { nco } \\ \text { span }} \end{gathered}$ | Average duation of un |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | cl |  |  | мco |
| CrClical noicators |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | $\begin{aligned} & 2.25 \\ & 1.25 \\ & 1.787 \\ & 1.56 \\ & 1.56 \\ & 1.56 \\ & 2.67 \\ & 1.82 \\ & 1.51 \end{aligned}$ | $\begin{aligned} & 1.50 \\ & 1.45 \\ & 1.55 \\ & 1.45 \\ & 1.56 \\ & 1.56 \\ & 1.56 \\ & 1.46 \end{aligned}$ |  |  |
| Avg initia |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. Cocostuctio contarasts total viue |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| , mexex |  |  |  |  |  |  |  |  |  |  |  |  |
| dideme |  |  |  |  |  |  |  |  |  |  |  |  |
| 77. Ratio. priceet ounit baber cis |  |  |  |  |  |  | . 62 | 1.94 2.46 | ${ }_{1.56}^{1.56}$ | ${ }_{\text {7.96 }}^{\substack{\text { 9.09 }}}$ |  |
|  |  |  |  |  |  |  | . 68 | 2.65 |  |  | 寺.78 |
| Neen |  |  |  |  |  |  |  |  |  |  |  |  |
| Newbut |  |  |  | li.52 | (1.941 |  | (.98 |  | li.53 |  |  |
| Emen |  |  | +.25 |  |  |  |  |  | ci.58 | ${ }_{\text {d }}^{14.15}$ |  |
| Hepwenee daverit |  |  |  |  |  |  |  | ate |  |  | cose |
|  |  |  |  |  | . 98 |  | . 98 | 2.86 | 1.51 | 10.81 | 3.602.86 |
|  | Jan. '53-Oct' 72.Jan. '53-Oct' 72.Jan. '53-Aug. '71.Jan. '53-Sep. 70.Jan. '53-Oct. '70Jan. '53-Oct' 72Jan. '53-Oct. '70.Jan. '53-Apr. '72. |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {t54.5. Siles of texaid stores }}$ |  |  |  | . 45 | 1.72 |  |  | 20 | ${ }^{1} 5$ |  |  |
|  |  |  |  | ${ }^{161}$ | . 1.18 |  |  | 4.73 <br> 2.4 |  | 211.22 |  |
|  |  |  |  |  |  |  | . 89 |  |  |  |  |
| Patais |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | . 48 | . 28 | 1.733 |  | -974 |  | ci. | (10.62 |  |
|  |  |  |  |  |  |  |  | 3.99, |  |  | ${ }_{13.94}$ |
|  |  | 1.78.82.861.33 | $\begin{array}{r} 1.40 \\ .17 \\ .89 \\ .51 \end{array}$ | $\begin{array}{r} 1.02 \\ .50 \\ .87 \\ 1 \\ 187 \end{array}$ | $\begin{aligned} & 1.37 \\ & .36 \\ & : 36 \end{aligned}$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | $\begin{aligned} & 8.9 .8 \\ & 8.815 \\ & 8.15 \end{aligned}$ | $\begin{aligned} & 1.4 .45 \\ & \hline 1.56 \\ & 1.64 \end{aligned}$ |  |  |
|  |  |  |  |  |  |  |  |  |  | 23.17 |  |
| 12 leadi |  | $\begin{aligned} & .95 \\ & .86 \\ & .85 \\ & .85 \\ & .95 \end{aligned}$ | $\left.\begin{gathered} .54 \\ .50 \\ .56 \\ .60 \\ .63 \\ .53 \end{gathered} \right\rvert\,$ | $\begin{aligned} & .76 \\ & .66 \\ & .64 \\ & .46 \\ & 48 \end{aligned}$ |  |  |  | 3.87 | (1.546 | cin | . 78 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 815 |  |  |  |  | ${ }^{1 .} 17$ |  | : 97 | ${ }_{3.12}$ | 1. 1.58 |  |  |
| 5 cainiciont |  | $\begin{gathered} .88 \\ .96 \\ .96 \\ .86 \end{gathered}$ | $\begin{array}{r} .45 \\ .85 \\ .35 \\ .30 \end{array}$ | $\begin{aligned} & .73 \\ & .734 \\ & 780 \end{aligned}$ | $\begin{array}{r} .50 \\ 2.51 \\ .65 \\ .37 \end{array}$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  | . 65 | $\begin{aligned} & 2.01 \\ & 5.10 \\ & 7.16 \end{aligned}$ | $\begin{aligned} & 1.68 \\ & 1.56 \\ & 1.53 \end{aligned}$ |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 0. Othen key Moicators |  |  |  |  |  |  |  |  |  |  |  |
|  |  <br> jan 6 b3van. 7 <br> Jan. '57-Dec. '70 Jan. '59-May' <br> Jan. '56-Dec. 70 | $\begin{array}{r} 6.21 \\ \hline 2.12 \\ 12.12 \\ 6.52 \\ 14.52 \\ 12.36 \\ 23.30 \end{array}$ |  |  |  |  | ( 8 (1) | 3.801.611 | ${ }_{1}^{1.64}$ | c. ${ }_{\text {8.52 }}$ | 3.80 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Defene Peperarmen |  |  |  |  |  |  | (1) |  |  |  |  |
| militer |  | $\begin{array}{\|c\|} \hline 9.35 \\ 18.22 \\ .44 \\ .33 \\ .30 \\ 1.59 \\ 1.15 \end{array}$ | $\begin{array}{r} 19.26 \\ 18.10 \\ .11 \\ .124 \\ .48 \\ 1.42 \end{array}$ | $\begin{aligned} & 2.37 \\ & \hline 1.46 \\ & .45 \\ & .45 \\ & .32 \\ & .48 \\ & \hline 28 \end{aligned}$ |  |  |  |  |  | (96.00 | 96.004.524.143.653.965 |
| 740. Averaje out |  |  |  |  |  |  |  |  |  |  |  |
| Real |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 781. Cons | Jan. '53-0ct. '70 . .Jan. '53-May '71 . .Jan. '56-May '71 .Jan. '56-0ct. '70 . .Jan. '53-Dec. '71 . .Jan. '53-Dec. '71 . .Jan. '53-Dec.' $71 .$. |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{784} 78$. |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Numb |  |  |  |  |  |  |  |  |  |  |  |  |  |

See footnotes and definitions of measures at end of part 1.

## Part 1. Monthly Series: Average Percentage Changes--Continued

| Monthly series | Period covered | $\overline{\mathrm{Cl}}$ | $\bar{\top}$ | $\bar{C}$ | $\overline{1} / \bar{C}$ | MCO | $\begin{aligned} & T / \vec{C} \\ & \text { for } \\ & M C D \\ & \text { span } \end{aligned}$ | Average duration of run (ADR) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | Cl | 1 | C | MCD |
| E. ANALYTICAL MEASURES |  |  |  |  |  |  |  |  |  |  |  |
| 851. Ratio, inventories to sales, mfg. and trade | Jan. '53-0ct'72. | 0.92 | 0.80 | 0.42 | 1.90 | 3 | 0.68 | 2.60 | 1.55 | 10.77 | 5.00 |
| 852. Ratio, unfilled orders to shipments, durable goods | Jan. '53- Octi2.. | 1.86 | 1.60 | . 85 | 1.89 | 3 | . 76 | 2.17 | 1.63 | 12.47 | 3.98 |
| 853. Ratio, production of bus. equip. to consumer goods | Jan. '53-Jul. '71 | 1.07 | .80 | .72 | 1.10 | 2 | .57 | 2.88 | 1.52 | 9.65 | 4.70 |
| 859. Real spendable average weekly earnings, nonagri. production or nonsupv. workers | Jan. '60-Aug. '71. | .34 | .30 | . 14 | 2.11 | 3 | .74 | 2.11 | 1.70 | 9.93 | 3.61 |
| F. INTERNATIONAL COMPARISONS |  |  |  |  |  |  |  |  |  |  |  |
| 121. OECD European countries, industrial production | Jan. '53-May '71 | . 90 | .90 | . 55 | 1.64 | 2 | .87 | 4.58 | 1.63 | 24.44 | 7.30 |
| 122. United Kingdom, industrial production . . . . . | Jan. '53-May '71 | 1.08 | 1.04 | .37 | 2.81 | 3 | . 98 | 2.62 | 1.51 | 9.57 | 4.84 |
| 123. Canada, industrial production . . . . . | Jan. '53-May '71 | 1.00 | .97 | . 51 | 1.91 | 2 | . 91 | 3.28 | 1.55 | 14.67 | 5.92 |
| 125. West Germany, industrial production | Jan. '53-June '71 | 1.30 | 1.21 | . 65 | 1.87 | 2 | . 94 | 2.95 | 1. 55 | 22.10 | 5.50 |
| 126. France, industrial production | Jan. '53-May '71 | 1.67 | 1.68 | .62 | 2.71 | 4 | .78 | 3.39 | 1. 58 | 13.56 | 7.30 |
| 127. Italy, industrial production | Jan. '53-May '71 | 1.60 | 1.47 | . 73 | 2.01 | 3 | .75 | 2.86 | 1.69 | 22.00 | 7.79 |
| 128. Japan, industrial production | Jan. '53-June '71. | 1.71 | 1.49 | 1.20 | 1.24 | 2 | . 59 | 4.70 | 1.52 | 14.73 | 9.57 |
| 132. United Kingdom, consumer prices (u). | Jan. '53-April '70 | .47 | .48 | .30 | 1.61 | 2 | .96 | 6.68 | 1.72 | 15.92 | 7.10 |
| 133. Canada, consumer prices (u). | Jan. '53-June '70. | .27 | .32 | . 21 | 1.52 | 2 | . 80 | 9.95 | 1.90 | 13.06 | 14.86 |
| 135. West Germany, consumer prices (u) | Jan. '53-June '70 . | .32 | .36 | . 23 | 1.60 | 3 | .69 | 8.36 | 1.94 | 13.06 | 11.50 |
| 136. France, consumer prices (1) | Jan. '53-May '70 | . 51 | .43 | . 40 | 1.07 | 2 | . 55 | 8.32 | 1.56 | 10.40 | 9.00 |
| 137. Italy, consumer prices (u) | Jan. '53-Apr. '70 | . 32 | . 34 | .30 | 1.13 | 2 | . 61 | 18.82 | 1.77 | 8.28 | 22.89 |
| 138. Japan, consumer prices (4) .... | Jan. '53-June '70 | . 81 | . 73 | . 41 | 1.81 | 3 | . 68 | 3.17 | 1.61 | 12.29 | 6.47 |
| 142. United Kingdom, stock prices (1) | Jan. '53-June '70. | 3.18 | 2.41 | 1.81 | 1.33 | 2 | . 84 | 2.75 | 1.79 | 8.36 | 3.71 |
| 143. Canada, stock prices (1)..... | Jan. '53-June '70 . | 2.78 | 2.79 | 1.53 | 1.43 | 2 | .94 | 3.03 | 1.77 | 9.95 | 3.92 |
| 145. West Germany, stock prices (u). | Jan. '53-June '70... | 3.23 | 2.03 | 2.27 | .90 | 1 | .90 | 3.54 | 1.80 | 7.74 | 3.54 |
| 146. France, stock prices (u). | Jan. '53-June '70. | 3.97 | 3.30 | 1.88 | 1.75 | 3 | . 68 | 2.43 | 1.70 | 7.21 | 4.22 |
| 147. Italy, stock prices (l). | Jan. '53-June '70 | 3.63 | 2.95 | 1.73 | 1.71 | 3 | . 78 | 2.40 | 1.87 | 8.36 | 4.81 |
| 148. Japan, stock prices (1). . | Jan. '53-June '70 | 3.57 | 2.45 | 2.24 | 1.09 | 2 | . 67 | 3.12 | 1.67 | 7.21 | 4.62 |

*Series included in the 1966 NBER "short list" of 26 indicators. when MCD is "6."

## BRIEF DEFINITIONS OF ME ASURES 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).
" $\overline{\mathrm{Cl}}$ " is the average month-to-month percentage change, without regard to sign, in the seasonally adjusted series (i.e., the series after adjustment for measurable seasonal, trading-day, and holiday variations).
" $\overline{\mathrm{C}}$ " is the same for the cyclical component, a smooth," flexible moving average of the seasonally adjusted series.
" $\overline{\mathrm{Y}}$ " is the same for the irregular component, obtained by dividing the cyclical component into the seasonally adjusted series.
"MCD" (months for cyclical dominance) provides an estimate of the appropriate time span over which to observe cyclical movements in a monthly series. It is small for smooth series and large for irregular series. In deriving MCD, percentage changes are computed separately for the irregular component and the cyclical component over 1 -month spans (Jan.-Feb., Feb.-Mar., etc.), 2-month spans (Jan.-Mar., Feb.-Apr., etc.), up to 12 -month spans. Averages, without regard to sign, are then computed for the changes over each span. MCD is the shortest span in months 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 an MCD greater than " 5 " are shown as " 6 ".
" $\bar{I} / \overline{\mathrm{C}}$ " is a measure of the relative smoothness (small values) or irregularity (large values) of the seasonally adjusted series. It is shown for 1 -month spans and for spans of the period of MCD. When MCD is " 6 ", no $\overline{\mathrm{I}} / \overline{\mathrm{C}}$ ratio is shown for the MCD period.
"Average Duration of Run" (ADR) is another measure of smoothness and is equal to the average number of consecutive monthly changes in the same direction in any series of observations. When there is no change between 2 months, a change in the same direction as the preceding change is assumed. The ADR is shown for the seasonally adjusted series Cl , irregular component I , cyclical component C , and the MCD curve. The MCD curve is an unweighted moving average (with the number of terms equal to MCD) of the seasonally adjusted series.

A comparison of these measures of ADR with the expected ADR of a random series gives an indication of whether the changes approximate those of a random series. Over 1month 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 -month intervals in a moving average (MCD) of a random series, the expected value of $A D R$ is 2.0 . For example, the ADR of CI is 1.75 for the series on average weekly initial claims, State unemployment insurance (series 5). This indicates that 1 -month 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, 1.47 for I and 12.00 for C , suggest that the seasonally adjusted series has been successfully separated into an essentially random component and a cyclical (nonrandom) component. Finally, $A D R$ is 4.13 for the MCD moving average. This indicates that a 3 -month moving average of
the seasonally adjusted series ( 3 months being the MCD span) reverses direction, on the average, about every 4 months. The increase in the ADR from 1.75 for CI to 4.13 for the MCD moving average indicates that, for this series,
month-to-month changes in the MCD moving average usually reflect the underlying cyclical trend movements of the series, whereas the month-to-month changes in the seasonally adjusted series usually do not.
A. MCD and Related Measures of Variability--Continued

Part 2. Monthly Series: Average Actual Changes

| Monthly series | Period covered | Unit of measure | $\overline{\mathrm{Cl}}$ | $T$ | $\bar{C}$ | $\overline{1} / \bar{C}$ | MCD | $\bar{T} / \bar{C}$ <br> for <br> MCD <br> span | Average duration of run (ADR) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | Cl | 1 | C | MCD |
| B. CYCLICAL INDICATORS |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. Accession rate, manufacturing | Jan. '53-Oct'72 | Per 100 employees | 0.18 | 0.17 | 0.05 | 3.22 | 4 | . 84 | 2.06 | 1.53 | 10.77 | 3.34 |
| 3. Layoff rate, manufacturing | Jan. '53-0ct'72 | ... do .... | . 15 | .14 | . 06 | 2.47 | 3 | . 88 | 2.37 | 1.53 | 9.12 | 4.90 |
| 20. Change in book value, manufacturers' inventories of materials, supplies. | Jan. '53-Oct'72 | Ann. rate, bil. dol. | 1.46 | 1.40 | - 30 | 4.75 | 6 | ( ${ }^{1}$ ) | 1.63 | 1.45 | 6.41 | 2.86 |
| 21. Avg. wkly. overtime hrs., prod. workers, mfg. | Jan. '56-Aug. '71. | Hours | . 09 | . 08 | . 04 | 1.97 | 3 | . 65 | 3.53 | 1.52 | 11.69 | 6.85 |
| 25. Change in unfilled orders, durable goods indus. | Jan. '53-Oct' 72. | Bil. dol. | . 51 | .48 | .13 | 3.67 | 5 | .83 | 1.68 | 1.55 | 8.46 | 3.24 |
| 26. Buying policy, production materials, commitments 60 days or longer (1) . . . . . . . . . . . . . . . . . . . . . | Jan. '53-0ct. '70. | Pct. reporting. | 5.71 | 5.57 | 1.06 | 5.23 | 6 | (1) | 1.81 | 1.65 | 11.21 | 4.62 |
| *31. Change in book value, manufacturing and trade inventories. | Jan. '530ct.'72 | Ann. rate, bil. dol. | 4.06 | 4.02 | . 55 | 7.33 | 6 | (1) | 1.42 | 1.42 | 9.88 | 2.58 |
| 32. Vendor performance, percent reporting slower deliveries (u) | Jan. '53-Feb. '71. | Pct. reporting . | 3.58 | 2.94 | 1.83 | 1.60 | 3 | .73 | 2.82 | 1.79 | 8.35 | 4.57 |
| 33. Change in mortgage debt . . . . . . . . . . . . . | Jan. '55-Mar. '72. | Ann. rate, bil. dol. .... | 1.40 | 1.25 | .47 | 2.65 | 3 | .86 | 1.81 | 1.47 | 10.30 | 3.14 |
| 37. Purchased materials, percent reporting higher inventaries | Jan. '53-0ct. '70 | Pct. reporting . | 5.12 | 4.84 | 1.54 | 3.15 | 4 | . 98 | 2.17 | 1.69 | 7.61 | 4.57 |
| 39. Delinquency rate, installment loans ${ }^{2}$ | Jan. '53-Dec. '70 . | Percent . . . . | . 08 | . 07 | . 02 | 3.79 | 5 | . 92 | 2.17 | 1.87 | 7.41 | 4.59 |
| 40. Unemployment rate, married males | Jan. '55-Mar. '71. | . . do | .25 | .12 | . 08 | 1.56 | 2 | . 84 | 3.53 | 1.47 | 10.78 | 4.49 |
| *43. Unemployment rate, total ...... | Jan. '53-Mar. '71. | . . . do | .17 | . 14 | .10 | 1.43 | 2 | . 76 | 2.60 | 1.47 | 9.91 | 3.95 |
| *44. Unemployment rate, 15 weeks and over | Jan. '53-Dec. '70. | . . . do | . 07 | . 06 | . 05 | 1.22 | 2 | . 62 | 4.67 | 1.60 | 6.72 | 6.29 |
| 45. Average weekly insured unemployment rate | Jan. '53-0ct. '70. | . . do | .16 | . 09 | .12 | . 74 | 1 | . 74 | 4.63 | 1.75 | 8.19 | 4.63 |
| 85. Change in money supply | Jan. '53-Nov. '70. | Ann. rate, percent | 2.89 | 2.89 | . 48 | 6.06 | 6 | (1) | 1.61 | 1.48 | 6.69 | 2.82 |
| 93. Free reserves (1) . | Jan. '53-June '70. | Mil. dol. . | 94.10 | 74.67 | 48.15 | 1.55 | 2 | . 93 | 2.05 | 1.58 | 9.95 | 3.20 |
| 102. Change in money supply plus time deposits at comm. banks (M2) | Jan. '53-May '71. | Ann. rate, percent | 2.46 | 2.45 | . 53 | 4.63 | 5 | .97 | 1.54 | 1.50 | 6.47 | 2.16 |
| 103. Change in money sup. plus time dep. at banks and nonbank inst. (M3) | Feb. '64-Mar '71. | . . . do | 1.76 | 1.68 | .66 | 2.56 | 3 | .92 | 1.73 | 1.60 | 9.44 | 3.61 |
| 112. Change in business loans | Aug. '59-Jun. '71. | Ann. rate, bil. dol. | 2.57 | 2.52 | . 50 | 5.09 | 6 | ( ${ }^{1}$ ) | 1.69 | 1.50 | 6.50 | 3.18 |
| * 113. Change in consumer installment debt | Jan. '53-Sep. '70 | . . do | .95 | . 87 | . 33 | 2.66 | 3 | . 93 | 1.71 | 1.56 | 11.78 | 3.13 |
| 114. Treasury bill rate (1) | Jan. '53-0ct. '70 | Percent | . 16 | . 11 | . 11 | 1.02 | 2 | . 66 | 2.63 | 1.82 | 6.66 | 3.79 |
| 115. Treasury bond yields (u). | Jan. '53-0ct. '70. | . . do | . 08 | .06 | . 04 | 1.59 | 3 | .74 | 2.66 | 1.90 | 8.19 | 4.69 |
| 116. Corporate bond yields (u) | Jan. '53-Oct. '70. | . . do | .12 | . 11 | . 06 | 1.65 | 3 | . 71 | 2.39 | 1.69 | 10.65 | 3.98 |
| 117. Municipal bond yields (u) | Jan. '53-0ct. '70. | . . do | .10 | . 08 | . 04 | 1.88 | 3 | . 83 | 2.57 | 1.85 | 8.88 | 4.22 |
| 118. Mortgage yields, residential (u) | Jan. '53-0ct. '70 | $\ldots$. . do | . 68 | .73 | .11 | 6.61 | 6 | ( ${ }^{1}$ ) | 4.63 | 2.37 | 6.09 | 6.12 |
| D. OTHER KEY INDICATORS |  |  |  |  |  |  |  |  |  |  |  |  |
| 500. Merchandise trade balance | Jan. '58-May '71. | Mil. dol. | 104.3 | 101.3 | 19.3 | 5.25 | 6 | ( ${ }^{1}$ ) | 1.54 | 1.43 | 6.96 | 2.63 |
| 844. Unemployment rate, males 20 years and over. | Jan. '53-Dec. '71. | Percent. | . 17 | .13 | .10 | 1.29 | 2 | . 65 | 2.87 | 1.52 | 7.32 | 4.71 |
| 845. Unemployment rate, females 20 years and over | Jan. '53-Dec. '71. | . . do | .21 | .19 | .09 | 2.28 | 3 | . 80 | 2.92 | 1.57 | 10.32 | 3.57 |
| 846. Unemployment rate, both sexes $16-19$ years of age | Jan. '53-Dec. '71. | . . . do | .78 | .75 | . 21 | 3.48 | 4 | . 84 | 1.62 | 1.44 | 7.09 | 3.20 |
| 847. Unemployment rate, white . . | Jan. '54-Dec. '71. | . . do | .16 | .14 | . 03 | 1.70 | 2 | . 84 | 2.62 | 1.51 | 8.60 | 4.20 |
| 848. Unemployment rate, Negro and other races | Jan. '54-Dec. '71. | . . . do | .49 | . 46 | . 15 | 3.17 | 4 | . 78 | 1.62 | 1.42 | 7.96 | 3.37 |

*Series included in the 1966 NBER "short list" of 26 indicators. (@) Measures are based on unadjusted data. when MCD is " $6 .{ }^{2}$ Bimonthly series; average changes, MCD, and average durations of run are for bimonthly spans.

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 month-to-month 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 I.
A. QCD and Related Measures of Variability

Part 1. Quarterly Series: Average Percentage Changes

| Quarterly series | Period covered | $\overline{C 1}$ | T | $\overline{\mathrm{C}}$ | $\bar{T} / \bar{C}$ | OCD | $\begin{aligned} & \overline{T / C} \\ & \text { for } \\ & \text { QCD } \\ & \text { span } \end{aligned}$ | Average duration of run (ADR) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | Cl | 1 | C | QCD |
| A. NATIONAL INCOME AND PRODUCT |  |  |  |  |  |  |  |  |  |  |  |
| 200. GNP in current dollars | 10 '53-110'72 | 1.64 | 0.32 | 1.58 | 0.21 | 1 | 0.21 | 8.56 | 1.35 | 11.00 | 8.56 |
| 205. GNP in 1958 dollars | 10 $53-110{ }^{\prime} 72$ | 1.20 | . 34 | 1.05 | . 32 | 1 | . 32 | 3.67 | 1.31 | 7.00 | 3.67 |
| 210. Implicit price deflator | 10 '53-110 72 | . 65 | . 11 | . 65 | . 17 | 1 | . 17 | 19.25 | 1.43 | 38.50 | 19.25 |
| 215. Per capita GNP in current dollars | 10 '53-110 72 | 1.39 | . 32 | 1.31 | . 25 | 1 | . 25 | 7.00 | 1.35 | 11.00 | 7.00 |
| 217. Per capita GNP in 1958 dollars . | 10 '53-110 72 | 1.03 | . 34 | . 87 | . 39 | 1 | . 39 | 4.53 | 1.31 | 7.00 | 4.53 |
| 220. National income, current dollars | 10'53-10 72 | 1.69 | . 36 | 1.59 | . 22 | 1 | . 22 | 7.00 | 1.45 | 12.83 | 7.00 |
| 222. Personal income, current dollars | 10 '53-110 72 | 1.56 | . 22 | 1.54 | . 14 | 1 | . 14 | 15.40 | 1.26 | 15.40 | 15.40 |
| 224. Disposable personal income, current dollars | 10 '53-110 72 | 1.51 | . 26 | 1.48 | . 18 | 1 | . 18 | 15.40 | 1.40 | 77.00 | 15.40 |
| 225. Disposable personal income, constant dollars | 10 '53-110 72 | 1.07 | .30 | 1.00 | . 30 | 1 | .30 | 5.92 | 1.35 | 11.00 | 5.92 |
| 226. Per capita disposable personal income, current dollars | 10 '53-110 72 | 1.22 | . 28 | 1.17 | . 24 | 1 | . 24 | 7.00 | 1.40 | 11.00 | 7.00 |
| 227. Per capita disposable personal income, constant dollars | 10'53-110'72 | . 83 | . 29 | . 73 | . 40 | 1 | . 40 | 5.13 | 1.45 | 8.56 | 5.13 |
| 230. Total personal consumption expenditures, current dollars . | 10 '53-110 72 | 1.51 | . 34 | 1.47 | . 23 | 1 | . 23 | 11.00 | 1.26 | 77.00 | 11.00 |
| 231. Total personal consumption expenditures, constant dollars | 10 '53-110'72 | 1.05 | . 37 | . 98 | . 38 | 1 | . 38 | 5.13 | 1.26 | 8.56 | 5.13 |
| 232. Personal consumption expenditures, durable goods | 10 '53-110'72 | 3.14 | 1.62 | 2.36 | . 68 | I | . 68 | 2.85 | 1.20 | 5.13 | 2.85 |
| 233. Personal consumption expenditures, durable goods, except automobiles | 10 '53-110 '72 | 2.13 | . 83 | 1.92 | . 43 | 1 | . 43 | 4.81 | 1.26 | 7.70 | 4.81 |
| 234. Personal consumption expend., automobiles | 10'53-110'72 | 6.44 | 4.21 | 4.02 | 1.05 | 2 | . 44 | 2.20 | 1.26 | 3.67 | 2.81 |
| 236. Personal consumption expend., nondurable goods | 10 '53-110 ${ }^{\prime} 72$ | 2.27 | . 44 | 1.21 | .37 | 1 | .37 | 7.00 | 1.26 | 38.50 | 7.00 |
| 237. Personal consumption expenditures, services .... | 10'53-110'72 | 1.78 | . 20 | 1.75 | . 12 | 1 | . 12 | 77.00 | 1.31 | 77.00 | 77.00 |
| 240. Gross private domestic investment, total | 10 '53-110 '72 | 4.51 | 1.99 | 3.33 | . 60 | 1 | . 60 | 2.48 | 1.40 | 4.81 | 2.48 |
| 241. Total nonresidential fixed investment . | 10'53-110'72 | 2.63 | . 89 | 2.35 | . 38 | 1 | . 38 | 4.05 | 1.37 | 5.13 | 4.05 |
| 242. Fixed investment, nonresidential structures | 10 '53-110 72 | 2.64 | 1.40 | 2.13 | . 66 | 1 | . 66 | 2.85 | 1.28 | 5.13 | 2.85 |
| 243. Fixed investment, producers' durable equipment | 10 '53-110'72 | 3.18 | 1.28 | 2.62 | . 49 | 1 | . 49 | 2.96 | 1.24 | 4.05 | 2.96 |
| 244. Fixed investment, residential structures | 10 '53-110'72 | 3.81 | 1.08 | 3.51 | . 31 | 1 | . 31 | 3.35 | 1.33 | 6.42 | 3.35 |
| 247. Fixed investment, nonresidential, 1958 dollars | 10 '53-110 72 | 2.26 | . 95 | 1.92 | . 49 | 1 | . 49 | 2.85 | 1.37 | 4.53 | 2.85 |
| 248. Fixed investment in residential structures, 1958 dollars | 10'53-110'72 | 3.70 | 1.05 | 3.36 | . 31 | 1 | . 31 | 3.08 | 1.33 | 4.81 | 3.08 |
| 249. Gross auto product, 1958 dollars .... | 10 53-110'72 | 10.61 | 7.70 | 5.58 | 1.38 | 2 | . 61 | 1.71 | 1.24 | 2.85 | 2.62 |
| 252. Exports of goods and services... | 10'53-110'72 | 3.80 | 2.53 | 2.52 | 1.00 | 2 | . 43 | 2.57 | 1.28 | 5.92 | 4.00 |
| 253. Imports of goods and services. | 10'53-110'72 | 3.30 | 1.98 | 2.46 | . 80 | 1 | . 80 | 2.75 | 1.28 | 7.00 | 2.75 |
| 260. Govt. purchases of goods and services, total | $10 \times 33110{ }^{\prime} 72$ | 1.94 | . 53 | 1. 82 | .29 | 1 | . 29 | 5.92 | 1.31 | 15.40 | 5.92 3.95 |
| 261. Total Govt. purchases of goods and services, 1958 dollars | $10^{\prime} 53-110{ }^{\prime} 72$ | 1.48 | . 61 | 1.27 | .48 | 1 | .48 | 3.35 | 1.31 | 5.13 | 3.35 |
| 262. Federal Govt. purchases of goods and services ......... | 10'53-110'72 | 2.17 | . 89 | 1.90 | . 47 | 1 | . 47 | 3.35 | 1.22 | 4.53 | 3.35 |
| 264. Federal Government purchases of goods and services for national defense | $10^{\prime} 53-110{ }^{\prime} 72$ | 2.23 | . 80 | 1.95 | .41 | 1 | . 41 | 3.08 | 1.24 | 4.81 | 3.08 |
| 266. State and local govt. purchases, goods and services... | 10'53-110'72 | 2.38 | . 40 | 2.37 | .17 | 1 | . 17 | 25.67 | 1.24 | 25.67 | 25.67 |
| 270. Final sales, durable goods | 10'53-110'72 | 2.31 | 1.07 | 1.89 | . 56 | 1 | . 56 | 3.08 | 1.31 | 7.00 | 3.08 |
| 273. Final sales, 1958 dollars | 10'53-110'72 | 1.02 | . 37 | . 93 | . 39 | 1 | . 39 | 3.08 | 1.26 | 11.00 | 3.08 |
| 274. Final sales, nondurable goods | $10^{\prime} 53-110{ }^{\prime} 72$ | 1.31 | .49 | 1.24 | . 39 |  | . 39 | 7.00 | 1.22 | 19.25 | 7.00 |
| 280. Compensation of employees | $10^{\prime} 53-1100^{\prime} 72$ | 1.71 | . 26 | 1.67 | . 16 | 1 | . 16 | 11.00 | 1.35 | 11.00 | 11.00 |
| 282. Proprietors' income ...... | 10 '53-110'72 | 1.26 | . 62 | 1.03 | . 61 | 1 | . 61 | 2.48 | 1.35 | 4.81 | 2.48 |
| 284. Rental income of persons | 10 '53-110'72 | 1.11 | . 42 | . 98 | . 42 | 1 | .42 | 7.70 | 1.33 | 6.42 | 7.70 |
| 286. Corp, profits and inventory valuation adjustment | 10 '53-110 72 | 4.28 | 2.22 | 3.18 | . 70 | 1 | . 70 | 2.96 | 1.22 | 4.28 | 2.96 |
| 288. Net interest . . . . . . . . . . . . . . . . . | 10'53-110'72 | 3.73 | . 83 | 3.69 | . 23 | 1 | . 23 | 25.67 | 1.28 | 25.67 | 25.67 |
| 290. Gross saving, private and government | 10'53-110'72 | 4.49 | 2.17 | 3.41 | . 64 | 1 | . 64 | 2.66 | 1.26 | 6.42 | 2.66 |
| 292. Personal saving . . . . . . . . . . . . . . | $10 \times 53-110{ }^{\prime} 72$ | 8.43 | 6.28 | 5.05 | 1.24 | 2 | . 45 | 1.75 | 1.28 | 4.28 | 2.53 |
| 294. Undistributed corporate profits plus inventory valuation adjustment | $10 \times 53-110{ }^{\prime} 72$ | 9.98 | 6.08 | 7.06 | . 86 | 1 | . 86 | 2.14 | 1.33 | 2.75 | 2.14 |
| 296. Capital consumption allowances . | $10^{\prime} 53-110^{\prime} 72$ | 1.93 | . 36 | 1.87 | . 19 | 1 | . 19 | 25.67 | 1.31 | 25.67 | 25.67 |
| B. CYCLICAL INDICATORS |  |  |  |  |  |  |  |  |  |  |  |
| 11. New capital appropriations, manufacturing | $10 \times 53-110{ }^{\prime} 71$ | 8.21 | 4.23 | 6.24 | . 68 | 1 | . 68 | 2.85 | 1.24 | 3.35 | 2.85 |
| *16. Corporate profits, after taxes ............ | $10 \times 53-110{ }^{\prime} 72$ | 4.97 | 2.83 | 3.74 | . 76 | 1 | .76 | 2.85 | 1.22 | 4.28 | 2.85 |
| 18. Corporate profits, after taxes, 1958 dollars | $10 \times 53-110{ }^{\prime} 72$ | 4.94 | 2.91 | 3.74 | . 78 | 1 | . 78 | 2.75 | 1.22 | 4.81 | 2.75 |
| 34. Net cash flow, corporate . ............ | $10 \times 53-100^{\prime} 72$ | 3.88 | 2.09 | 2.99 | . 70 | 1 | . 70 | 2.57 | 1.26 | 5.50 | 2.57 |
| 35. Net cash flow, corporate, 1958 dollars | 10 '53-110'72 | 3.70 | 2.11 | 2.85 | . 74 | 1 | .74 | 2.57 | 1.26 | 4.81 | 2.57 |
| 57. Final sales . . . . . . . . . . . . . . . . . . . | $10^{\prime} 53-110{ }^{\prime} 72$ | 1.54 | . 33 | 1.50 | . 22 | 1 | . 22 | 15.40 | 1.22 | 15.40 | 15.40 |
| *61. Business expend., new plant and equipment | $10 \times 53-110$ '72 . | 2.80 | 1.00 | 2.51 | . 40 | 1 | . 40 | 3.67 | 1.20 | 5.92 | 3.67 |
| 63. Unit labor cost, total private economy ... | 10 53 -110'72. | . 82 | . 29 | . 73 | . 40 | 1 | . 40 | 3.67 | 1.35 | 7.00 | 3.67 |
| 68. Labor cost per unit of gross prod., nonfin. corp. | 10 '53-110 72. | . 89 | . 37 | . 77 | . 48 | 1 | . 48 | 3.85 | 1.28 | 5.92 | 3.85 |
| 97. Backlog of capital appropriations, manufacturing | 10'53-110'72. | 4.83 | . 87 | 4.65 | . 19 | 1 | . 19 | 3.85 | 1.28 | 6.42 | 3.85 |
| 110. Total private borrowing ................... | 10 '53-110 72 | 9.55 | 5.63 | 6.84 | . 82 | 1 | . 82 | 2.26 | 1.24 | 3.50 | 2.26 |
| 200. GNP in current dollars. | 10 '53-110 72 | 1.64 | . 32 | 1.58 | . 21 | 1 | . 21 | 8.56 | 1.35 | 11.00 | 8.56 |
| *205. GNP in 1958 dollars . | 10'53-10'72. | 1.20 | . 34 | 1.05 | . 32 | 1 | . 32 | 3.67 | 1.31 | 7.00 | 3.67 |
| C. ANTICIPATIONS AND INTENTIONS |  |  |  |  |  |  |  |  |  |  |  |
| 61a. Business expend., new plant and equipment | 10'57-110 72. | 2.76 | 1.13 | 2.39 | . 47 | 1 | .47 | 3.21 | 1.22 | 5.55 | 3.21 |
| 410. Manufacturers' sales, total value .......... | 10'57-110 72. | 2.22 | . 79 | 1.80 | . 44 | 1 | . 44 | 4.36 | 1.45 | 7.62 | 4.36 |
| 412. Manufacturers' inventories, total book value | 10'57-110 72. | 1.44 | . 24 | 1.40 | . 178 | 1 | . 17 | 6.78 | 1.30 | 8.71 | 6.78 |
| 430a. New car purchases by households | $10 \times 59-110{ }^{\prime} 72$. | 7.93 | 5.54 | 4.33 | 1.28 | 2 | .55 | 1.83 | $\cdot 1.29$ | 3.79 | 2.48 |
| 435. Index of consumer sentiment .... | 110 '57-110 72 | 2.88 | 1.51 | 2.00 | . 75 | 1 | . 75 | 2.18 | 1.20 | 4.36 | 2.18 |

See definitions of measures at end of part 1.

Part 1. Quarterly Series: Average Percentage Changes-Continued

| Quarterly series | Period covered | $\bar{C}$ | T | $\stackrel{\rightharpoonup}{\mathrm{C}}$ | $\overline{\mathrm{T}} / \overline{\mathrm{C}}$ | OCD | $\overline{1} / \bar{C}$ <br> for <br> OCD <br> span | Average duration of run (ADR) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | Cl | 1 | C | OCD |
| D. OTHER KEY INDICATORS |  |  |  |  |  |  |  |  |  |  |  |
| 211. Fixed weighted price index, gross private product | $10^{\prime} 65-110{ }^{\prime} 72$ | 0.91 | 0.10 | 0.89 | 0.12 | 1 | 0.12 | 29.00 | 1.38 | 29.00 | 29.00 |
| 252. Exports of goods and services . . . . . . . . . . . . . . . | 10 '60-110 72 | 3.68 | 2.67 | 2.20 | 1.21 | 2 | . 51 | 2.45 | 1.22 | 7.00 | 3.69 |
| 253. Imports of goods and services | 10 '60-110 '72 | 3.51 | 2.18 | 2.72 | . 80 | 1 | . 80 | 2.72 | 1.29 | 12.25 | 2.72 |
| 264. National defense purchases. | 10 '53-110 72 | 2.23 | . 80 | 1.95 | . 41 | 1 | . 41 | 3.08 | 1.24 | 4.81 | 3.08 |
| 530. Liquid liabilities to all foreigners ..................... | 10 '60-1vo 71 | 3.31 | 1.12 | 2.74 | . 41 | 1 | . 41 | 2.88 | 1.32 | 4.45 | 2.88 |
| 532. Liquid and certain nonliquid liabilities to foreign official agencies | 10 '60-IVQ 71 | 5.98 | 2.66 | 4.83 | . 55 | 1 | . 55 | 2.47 | 1.15 | 3.62 | 2.47 |
| 534. U.S. official reserve assets | 10 '60-Ivo 71 | 2.61 | 1.31 | 2.21 | . 59 | 1 | . 59 | 2.94 | 1.27 | 5.22 | 2.94 |
| 536. Merchandise exports, adjusted | $10^{\prime} 60-110{ }^{\prime} 72$ | 5.06 | 3.93 | 2.40 | 1.63 | 2 | . 68 | 1.75 | 1.29 | 3.77 | 3.20 |
| 537. Merchandise imports, adjusted . . . . . . . . . . . . . . . . . . . . . | 10 '60-110'72 | 4.62 | 2.78 | 3.31 | . 84 | 1 | . 84 | 3.06 | 1.29 | 6.12 | 3.06 |
| 540. Investment income, military sales, and other services, exports | $10^{\prime} 60-110 ' 72$ | 3.50 | 2.21 | 2.51 | . 88 | 1 | . 88 | 2.04 | 1.26 | 8.17 | 2.04 |
| 541. Foreign investment income, military expenditures, and other services, imports | 10 '60-110 72 | 2.58 | 1.22 | 2.16 | . 56 | 1 | . 56 | 2.72 | 1.20 | 6.12 | 2.72 |
| 542. Income on U.S. investments abroad | 10 '60-110'72 | 5.26 | 3.60 | 3.28 | 1.10 | 2 | . 43 | 1.69 | 1.17 | 3.50 | 3.43 |
| 543. Income on foreign investments in U.S. | 10'60-110'72 | 5.05 | 2.21 | 4.63 | . 48 | 1 | . 48 | 4.08 | 1.22 | 6.12 | 4.08 |
| 544. Receipts from foreign travelers in U.S. | 10 '60-110'72 | 3.28 | 1.57 | 2.64 | . 59 | 1 | . 59 | 3.50 | 1.53 | 4.90 | 3.50 |
| 545. Payments by U.S. travelers abroad | 10 '60-110 72 | 3.93 | 2.35 | 2.85 | . 82 | 1 | . 82 | 2.33 | 1.20 | 4.45 | 2.33 |
| 546. Military sales to foreigners | 10 $60-110{ }^{\prime} 72$ | 18.56 | 13.97 | 9.13 | 1.53 | 2 | . 63 | 1.53 | 1.26 | 2.23 | 2.18 |
| 547. U.S. military expenditures abroad | 10 '60-110'72 | 3.44 | 2.33 | 2.18 | 1.07 | 2 | . 43 | 1.88 | 1.22 | 3.77 | 2.82 |
| 548. Receipts from transportation and other services | $10^{\prime} 60-110{ }^{\prime} 72$ | 3.06 | 2.34 | 2.12 | 1.10 | 2 | . 45 | 2.23 | 1.26 | 5.44 | 4.36 |
| 549. Payments for transportation and other services | $10^{\prime} 60-110{ }^{\prime} 72$ | 3.51 | 2.65 | 2.16 | 1.23 | 2 | . 51 | 2.13 | 1.32 | 3.77 | 2.82 |
| 601. Fed. receipts, natl. income and product accts. | 10'53110'72. | 2.53 | . 94 | 2.32 | . 41 | 1 | . 41 | 3.67 | 1.28 | 5.50 | 3.67 |
| 602. Fed. expend., natl. income and product accts. | 10 '53-110 72. | 2.17 | .90 | 1.93 | .47 | 1 | . 47 | 4.05 | 1.18 | 7.00 | 4.05 |
| 745. Avg. hourly compensation, private nonfarm economy | 10 '53-110 '72. | 1.24 | . 20 | 1.22 | . 16 | 1 | . 16 | 77.00 | 1.40 | 77.00 | 77.00 |
| 746. Real avg. hourly comp., private nonfarm economy ........ | 10 '53-110 72. | . 67 | . 23 | .65 | . 36 | 1 | . 36 | 8.56 | 1.38 | 15.40 | 8.56 |
| 770. Output per man-hour, total private economy . . . . . . . . . . . | 10 '53-110'72. | . 86 | . 38 | . 76 | . 50 | 1 | . 50 | 3.67 | 1.26 | 8.56 | 3.67 |
| E. ANALYTICAL MEASURES |  |  |  |  |  |  |  |  |  |  |  |
| 854. Ratio, personal saving to disposable personal income | $10 \times 53-110 \times 72$ | 8.02 | 6.23 | 4.80 | 1.30 | 2 | . 48 | 1.60 | 1.28 | 3.50 | 3.17 |
| 858. Output per man-hour, total private nonfarm | $10 \times 53-110$ '72 | . 87 | . 38 | .71 | . 54 | 1 | . 54 | 3.35 | 1.26 | 7.00 | 3.35 |

*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.
" $\bar{C}$ " is the same for the cyclical component, a smooth, flexible moving average of the seasonally adjusted series.
" 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 (lst 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 ".
" $\bar{l} / \overline{\mathrm{C}}$ " 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 $\bar{I} / \bar{C}$ 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 $A D R$ 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 $A D R$ is 1.5 . The actual value of $A D R$ 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 $A D R$ is 2.0 . For example, the $A D R$ of $C I$ is 1.47 for the series on the ratio of personal saving to disposable personal income (series 854). This indicates that 1-quarter
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

| Ouarterly series | Period covered | Unit of measure | $\overline{\mathrm{Cl}}$ | $T$ | $\overline{\mathrm{C}}$ | $\overline{1 / 2}$ | OCD | $\begin{aligned} & \bar{T} / \bar{C} \\ & \text { for } \\ & \text { OCD } \\ & \text { span } \end{aligned}$ | Average duration of run (ADR) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | Cl | 1 | C | QCD |
| A. NATIONAL INCOME AND PRODUCT |  |  |  |  |  |  |  |  |  |  |  |  |
| 245. Change in business inventories, total | 10'53-10'72 | Ann. rate, bil. dol. | 2.65 | 1.85 | 1.54 | 1.20 | 2 | 0.54 | 1.64 | 1.31 | 3.21 | 2.53 |
| 246. Change in business inventories, 1958 dollars | 10'53-110'72 | ...do ... | 2.57 | 1.77 | 1.55 | 1.14 | 2 | . 51 | 1.71 | 1.31 | 2.96 | 2.53 |
| 250. Net exports of goods and services ...... | 10'53-110'72 | . . . do | . 92 | . 56 | . 67 | . 84 | 1 | . 84 | 2.33 | 1.28 | 4.05 | 2.33 |
| 271. Change in business inventories, durable goods | 10'53-110'72 | $\ldots$. do | 2.41 | 1.59 | 1.32 | 1.20 | 2 | . 60 | 1.60 | 1.37 | 2.75 | 2.53 |
| 275. Change in bus. inventories, nondurable goods | 10 $53-110{ }^{\prime} 72$ | . do | 1.64 | 1.44 | . 62 | 2.30 | 4 | . 82 | 1.40 | 1.26 | 2.41 | 2.85 |
| 298. Government surplus or deficit, total . ..... | 10'53-110'72 | . do | 3.01 | 1.81 | 2.54 | . 71 | 1 | . 71 | 2.75 | 1.33 | 3.85 | 2.75 |
| B. CYCLICAL INDICATORS |  |  |  |  |  |  |  |  |  |  |  |  |
| 15. Profits (after taxes) per dollar of sales, mfg. | $10^{\prime} 53-110{ }^{\prime} 72$ | Cents | .22 | .13 | .15 | . 83 | 1 | . 83 | 2.57 | 1.33 | 3.21 | 2.57 |
| 22. Ratio of profits to income orginating, corporate, all industries | 10'53-110'72 | Percent | . 45 | . 32 | . 32 | 1.00 | 2 | . 37 | 2.75 | 1.24 | 6.42 | 4.75 |
| *67. Bank rates on short-term bus. loans (1). . . . . . . | 10'53-110'72 | . . do | . 18 | . 09 | .16 | . 58 | 1 | . 58 | 2.48 | 1.40 | 3.85 | 2.48 |
| 245. Change in business inventories, total . . . . . . . . . . . . . | 10 '53-110 72 | Ann. rate, bil. dol. | 2.65 | 1.85 | 1.54 | 1.20 | 2 | . 54 | 1.64 | 1.31 | 3.21 | 2.53 |
| D. OTHER KEY INDICATORS |  |  |  |  |  |  |  |  |  |  |  |  |
| U.S. Balance of Payments: |  |  |  |  |  |  |  |  |  |  |  |  |
| 250. Balance on goods and services | 10'60-110 72 | Mil. dol. | 259.04 | 169.62 | 174.84 | . 97 | 1 | . 97 | 2.04 | 1.22 | 3.50 | 2.04 |
| 515. Balance on goods, services, and remittances | 10'60-110 72 | . . do do | 253.80 | 172.57 | 168.31 | 1.03 | 2 | . 43 | 1.88 | 1.22 | 4.08 | 2.67 |
| 517. Balance on current account | $10 \times 60-110{ }^{\prime} 72$ | $\ldots$. do | 263.92 | 183.28 | 167.97 | 1.09 | 2 | . 45 | 2.04 | 1.44 | 4.08 | 2.67 |
| 519. Blance on curr. acct. and long term capital | 10 60-110 72 | . . do | 642.75 | 462.57 | 311.70 | 1.48 | 2 | . 77 | 1.75 | 1.36 | 2.58 | 2.18 |
| 521. Net liquidity balance | $10 \times 60-110{ }^{\prime} 72$ | . . do | 749.49 | 408.84 | 491.05 | . 83 | 1 | . 83 | 2.04 | 1.40 | 2.88 | 2.04 |
| 522. Official reserve transactions balance | 10'60-110 72 | . . . do | 1,071.73 | 660.39 | 613.98 | 1.08 | 2 | . 57 | 1.88 | 1.36 | 2.45 | 2.18 |
| 560. Foreign direct investments in the U.S. | 10 '60-110 72 | $\ldots$. do | 118.04 | 102.80 | 44.66 | 2.30 | 4 | . 98 | 1.48 | 1.20 | 1.96 | 2.09 |
| 561. U.S. direct investments abroad | 10 '60-110'72 | $\ldots$. do | 227.24 | 176.99 | 101.60 | 1.74 | 2 | . 82 | 1.48 | 1.40 | 2.45 | 2.18 |
| 564. Foreign purchases of U.S. securities. | 10 '60-110 72 | $\ldots$. do | 193.63 | 128.88 | 114.02 | 1.13 | 2 | . 61 | 1.81 | 1.29 | 2.58 | 2.18 |
| 565. U.S. purchases of foreign securities . | 10 60-110 72 | . . do | 159.06 | 142.41 | 88.90 | 1.60 | 2 | . 56 | 1.48 | 1.09 | 2.72 | 2.18 |
| 570. Govt. grants and capital transactions, net | 10 '60-110 '72 | $\ldots$. do | 281.67 | 220.78 | 130.55 | 1.69 | , | . 65 | 1.53 | 1.22 | 2.45 | 2.67 |
| 575. Banking and other capital transactions, net | 10'60-110 72 | . . do | 387.41 | 338.00 | 202.27 | 1.67 | 2 | . 56 | 1.53 | 1.22 | 2.72 | 2.00 |
| 600. Fed. balance, natl. income and product accts. . . . . . | 10 '53-110 72 | Ann. rate, bil. dol. | 3.07 | 1.89 | 2.38 | . 79 | 1 | . 79 | 2.33 | 1.26 | 4.28 | 2.33 |
| 748. Negotiated wage and benefit decisions, first year .... | 10'68-110'72 | Ann. rate, pct. | 1.94 | 1.34 | 1.41 | .95 | 1 | .95 | 1.55 | 1.13 | 2.43 | 1.55 |
| 749. Negotiated wage and benefit decisions, life of contract . | 10'68-110'72 | ... do ...... | 1.45 | 1.22 | . 79 | 1.54 | 2 | . 71 | 1.42 | 1.13 | 2.12 | 2.00 |
| E. ANALYTICAL MEASURES |  |  |  |  |  |  |  |  |  |  |  |  |
| 207. GNP gap (potential less actual) | 10'53-110 72 | . do | 4.57 | 1.87 | 3.77 | . 50 | 1 | . 50 | 3.08 | 1.31 | 5.50 | 3.08 |
| 850. Ratio, output to capacity, manufacturing | 10 '53-110 72 | Percent | 1.58 | .67 | 1.27 | . 53 | 1 | . 53 | 3.35 | 1.31 | 3.85 | 3.35 |
| 857. Vacancy rate in total rental housing@ . . . . . . . . . . . | 10'56-110'72 | . . do | .24 | .15 | .16 | . 97 | 1 | . 97 | 2.03 | 1.30 | 2.83 | 2.03 |

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

## 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, " $\overline{\mathrm{Cl}}$ " 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.
" $\overline{\mathrm{l}}$ " 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 .

| Series | 1972 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| 5. Average weekly initial claims, State unemployment insurance | 145.9 | 112.5 | 92.4 | 90.2 | 80.5 | 83.4 | 119.4 | 88.7 | 74.5 | 81.9 | 99.9 | 130.6 |
| 13. New business incorporations ${ }^{1}$ | 104.2 | 98.4 | 109.5 | 100.2 | 106.2 | 107.8 | 97.1 | 98.1 | 92.4 | 98.4 | 88.3 | 102.0 |
| 15. Profits (after taxes) per dollar of sales, $\mathrm{mfg} .{ }^{2}$ | . $\cdot$ | 96.5 | ... | ... | 105.0 | ... | $\ldots$ | 96.9 | ... | $\ldots$ | 101.6 | $\ldots$ |
| 33. Net change in mortgage debt held by financial institutions and life insurance companies ${ }^{13}$. | -567 | -435 | -155 | -223 | +18 | +495 | -47 | +336 | +126 | +105 | -93 | +368 |
| 37. Purchased materiats, percent of companies reporting higher inventories | 97.7 | 100.2 | 109.3 | 107.6 | 105.8 | 110.0 | 108.2 | 100.3 | 91.5 | 86.3 | 94.7 | 87.8 |
| 39. Delinquency rate, 30 days and over, total installment loans ${ }^{4}$ | ... | 105.5 | . $\cdot$ | 90.6 | -.. | 91.0 | ... | 99.6 | ... | 98.1 | ... | 114.9 |
| 72. Commercial and industrial loans outstanding | 100.1 | 99.1 | 99.7 | 99.9 | 100.3 | 101.0 | 101.3 | 99.9 | 99.5 | 99.7 | 99.2 | 100.0 |
| 508. Index of export orders, nonelectrical machinery | 100.8 | 101.4 | 103.3 | 99.5 | 98.4 | 106.6 | 102.1 | 94.6 | 100.9 | 97.2 | 94.5 | 100.3 |
| 616. Defense Department obligations, total | 100.4 | 84.1 | 89.1 | 95.1 | 88.0 | 141.8 | 103.6 | 98.7 | 112.0 | 104.5 | 88.7 | 93.2 |
| 621. Defense Department obligations, procurement | 96.2 | 83.6 | 80.9 | 84.2 | 74.8 | 186.3 | 59.2 | 80.9 | 148.1 | 109.1 | 90.8 | 105.4 |
| 625. Military contract awards in U.S. . . . . . . . . . | 87.0 | 85.1 | 84.9 | 78.2 | 82.9 | 165.9 | 107.3 | 98.2 | 112.7 | 114.0 | 79.0 | 104.5 |
| D34. Profits, manufacturing (FNCB) ${ }^{5}$ | -13 | $\ldots$ |  | $+13$ |  | ... | -10 |  |  | $+1 \mathrm{C}$ | ... | $\ldots$ |

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 Adjustment 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 census 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 Ist 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.

## C．Historical Data for Selected Series

This appendix contains historical data（back to 1945 if available）for selected BCD series． Dota are published here for（a）series which have been added to the report，（b）series which hove 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 histarical data were published
for each series．Data are seasonally adiusted unless the symbol（1）（indicating unadiusted
dota）follows the series title．Official source agency onnual figures are shown if available． Such figures are often based on data with more digits or on dato which have not been sea－ sonally adiusted；therefore，they may differ slightly from annual figures based on the monthly or quarterly dato shown here．Current figures ore shown in the bosic dota tables of the report and may be used to update the tables below．

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Year} \& \multicolumn{4}{|c|}{Querterly} \& \multirow[b]{2}{*}{Annual} \& \multirow[b]{2}{*}{Year} \& \multicolumn{4}{|c|}{Quarterly} \& \multirow[b]{2}{*}{Annual} \\
\hline \& 10 \& 110 \& 1110 \& iv a \& \& \& 10 \& 110 \& III Q \& IV Q \& \\
\hline \multicolumn{5}{|r|}{548．RECEIPTS FOR TRANSPORTATION AND OTHER SERVICES \({ }^{1}\) （MILEIONS OF DOLLARS）} \& total \& \multicolumn{5}{|r|}{5ॅ49．PAYMENTS FOR TRANSPORTATION AND OTHER SERVICES \({ }^{\text { }}\) （MILLIONS OF DOLLARS）} \& total \\
\hline  \& \(\cdots\) \& \(\cdots\) \& \(\cdots\) \& ：\(\because: \%\) \&  \& 1945
1945
1947
1947
1940
1949 \& \(\because:\)
\(\because:\)
\(\because:\) \& \(\because\)
\(\because:\)
\(\therefore\) \& \(\because\)
\(\cdots\)
\(\because:\)
\(\because\) \& \(\because\)
\(\because\)
\(\because\)
\(\because\) \& \begin{tabular}{l}
731 \\
\hline 951 \\
9.076 \\
1088 \\
1088
\end{tabular} \\
\hline  \& ：\(\because\) \& ：\(\because\) \& ：\(\because: \because\) \& ：\(\because: \because\) \&  \&  \& ：\(\because: \square\) \& \(\because\)
\(\because:\)
\(\therefore\) \& \(\because:\). \& \(\because\)
\(\because\)
\(\because\)
\(\because\) \&  \\
\hline 1954．．．．．． \& \(\cdots\) \& \& \& \& \begin{tabular}{l}
1956 \\
\hline 2226
\end{tabular} \& \({ }^{1954}\)［．．．． \& \& \(\cdots\) \& \& ．．． \& 1506 \\
\hline  \& ：\(\because:\) \& ：\(\because:\) \& ：\(:\) ： \& ：\(:\) \&  \& \begin{tabular}{l}
1955 \\
1955 \\
1959 \\
1957 \\
1958 \\
\\
\hline
\end{tabular} \& ：\(\because:\) \& ：\(\because:\) \& \(\cdots\) \& \(\cdots\) \&  \\
\hline \(1959 . . . .:\) \& \& \& \& \& 2883
2947 \& \({ }_{1959}^{1958}\) ．．．．．． \& \& ：\(:\) \& ：．： \& ：\(\because\) \& 2345
2487 \\
\hline  \& \begin{tabular}{l}
663 \\
\(\begin{array}{l}665 \\
774 \\
742 \\
856\end{array}\) \\
\hline 80
\end{tabular} \& \begin{tabular}{l}
656 \\
\(\begin{array}{l}676 \\
776 \\
794 \\
894\end{array}\) \\
\hline
\end{tabular} \&  \& 557
770
743
803
879 \&  \&  \& \begin{tabular}{l}
667 \\
677 \\
\hline 71 \\
771 \\
855
\end{tabular} \& 665
689
775
789
847 \& 689
781
7819
819
875 \& （ 68 \&  \\
\hline  \& （ \(\begin{array}{r}861 \\ 972 \\ 1080 \\ 1080 \\ 1147 \\ 1 \\ 103 \\ 1\end{array}\) \& 984
985
1985
1
1
1551
1991 \&  \& \(\begin{array}{r}961 \\ 1909 \\ 1 \\ 1 \\ 1 \\ 1 \\ 184 \\ 1695 \\ \hline\end{array}\) \&  \&  \&  \&  \& \(\begin{array}{rl}867 \\ 1 \\ 1 \\ 1 \& 027 \\ 1 \& 167 \\ 1 \& 265 \\ 105\end{array}\) \&  \&  \\
\hline \[
\begin{aligned}
\& 1990 . . . .: \\
\& 19771 .: \\
\& 1972 .:
\end{aligned}
\] \& 1379 \& 14.3 \& 1．445 \& 1458 \& 5685 \& \[
\begin{aligned}
\& 1970 \\
\& 1971 \\
\& 1972 \\
\& 1972
\end{aligned}:,::
\] \& 1286 \& 1385 \& 1454 \& 1392 \& 5518 \\
\hline \multicolumn{5}{|c|}{560．FOREIGN DIRECT INVESTMENTS TN THE U．S．\({ }^{2}\) （MILLIONS OF DOLLARS）} \& total \& \multicolumn{5}{|c|}{561．U．S．OIRECT INVESTMENTS ABROAD \({ }^{3}\) （MILLIONS OF DOLLARS）} \& total \\
\hline \(\square\) \& ：\(\because:\) \& \(\cdots\) \& ：\(\because:\) \& ：\(\because:\) \& \begin{tabular}{l}
\(\dddot{-4}\) \\
\hline 10 \\
10 \\
56 \\
56
\end{tabular} \&  \& \(\because:\)
\(\because:\)
\(\because:\) \& \(\because:\)
\(\because:\)
\(\because:\) \& \(\because\)
\(\because:\)
\(\because\) \& \(\because:\)
\(\because:\) \& \begin{tabular}{l}
230 \\
730 \\
774 \\
6800 \\
\\
\hline 60
\end{tabular} \\
\hline  \& ：．．： \& ：\(\because: 口\) \& ：\(\quad\) ： \& ：．．： \& 80
90
132
158
158 \&  \& \(\cdots\) \& ：\(\because: \%\) \& \(\because:\)
\(\because:\) \& ：\(\because: 口\) \& \begin{tabular}{l}
621 \\
\(\begin{array}{l}\text { 508 } \\
\text { 852 } \\
735 \\
737\end{array}\) \\
\hline 67
\end{tabular} \\
\hline \(1954 . . .\). \& \& \& \& \& 124 \& 1954 ．．．．． \& ．．． \& ．．． \& \& ．． \& 667 \\
\hline  \& ：\(:\) ： \& ：：\％ \& ：\(::\) \& ：：\(:\) \& 197
\begin{tabular}{l}
232 \\
155 \\
158 \\
\hline 98
\end{tabular}\({ }^{\text {a }}\)（ \&  \& ：\(\because:\) \& \(\cdots\) \& \(\cdots\) \& ：\(\because: \square\) \&  \\
\hline \(1959 .: 3:\) \& \(\cdots\) \& \(\cdots\) \& \(\cdots\) \& ：．．： \& 238 \& \({ }_{1959}^{1959}\) ：．．．： \& ：\(:\) \& ：\(:\) \& \(\cdots\) \& ．．． \& \({ }_{1}^{1} 372\) \\
\hline  \& \begin{tabular}{l}
40 \\
20 \\
41 \\
\hline 5 \\
17
\end{tabular} \& 59
32
77
47
29 \& \begin{tabular}{r}
53 \\
-5 \\
\hline \\
40 \\
-27 \\
-4
\end{tabular} \& \begin{tabular}{r}
-11 \\
\hline 26 \\
8 \\
-87 \\
-24 \\
-24
\end{tabular} \& 141
73
132
13
-5
-5 \&  \& 343
4478
272
680
462
462 \& 262
284
489
492
693
613 \& 434
483
498
398
664
684 \& 635
\(\begin{aligned} \& 336 \\ \& 455 \\ \& 350 \\ \& 588\end{aligned}\)
58 \&  \\
\hline  \& 85
52
54
54，
245
246 \& \(\begin{array}{r}-95 \\ -38 \\ 70 \\ 7 \\ 5 \\ 164 \\ \hline 1\end{array}\) \&  \& 22
110
112
14
270 \& 57
868
258
519
832 \&  \&  \& 879
9794
S78
884
999 \& 635
917
947
.033
898
898 \&  \& 3
3
3
3
3
3
3
3
308
308
3
3 \\
\hline \[
\begin{aligned}
\& 1970 \ldots, \ldots \\
\& 1971, \ldots: \\
\& 1972 \ldots:
\end{aligned}
\] \& 491 \& 14 \& 245 \& 190 \& 1030 \& \[
\begin{aligned}
\& 1970, \ldots,: \\
\& 1971 \\
\& 1972
\end{aligned}:
\] \& 1279 \& 1229 \& 882 \& 1010 \& 4400 \\
\hline \multicolumn{5}{|c|}{564．FOREIGN PURCHAGES OF U．S．SECURITIES \({ }^{2}\) （MILLIONS OF DOLLARS）} \& total \& \multicolumn{5}{|c|}{565．U．S．PURCHASES OF FOREIGN SECURITIES （MILITONS OF DOLLARS）} \& total \\
\hline  \& ：\(\because:\) \& ：\(:\) \& ：\(:\) \& ．．． \& \begin{tabular}{l}
-338 \\
-1300 \\
-192 \\
\hline 74
\end{tabular} \&  \& \(\because: 口\) \& \(\cdots\) \& \(\cdots\) \& \(\because\)
\(\because\)
\(\because\) \& -98
-93
-36
-27 \\
\hline  \& ：\(\because:\) \& ： \& ：\(\because \because\) \& ：\(\because: 口\) \& \begin{tabular}{r}
-7 \\
\hline 126 \\
37 \\
70 \\
140
\end{tabular} \& 1950
1951
1951
1953
1953
195 \& \(\cdots\) \& \(\ldots\) \& \(\cdots\) \& ：\(\because: \because\) \&  \\
\hline \({ }^{1954}\) ． .1. \& ．．． \& ．．． \& ．．． \& ．．． \& 141 \& 1954 ．．．．． \& ．．． \& ．．． \& ．．． \& ．．． \& 206 \\
\hline  \& ：\(\because:\) \& ：\(\because: \square\) \& ：．： \& ：\(\because:\) \& 181
383
237
0
4 \& 1955
1956
1959
1959
1958
1959 \& \(\cdots\) \& \(\because:\)
\(\because:\)
\(\because\) \& \(\because \because: 口\) \& ＂：： \& － \(\begin{array}{r}-20 \\ 421 \\ 470 \\ 1250 \\ 668 \\ 668\end{array}\) \\
\hline \({ }^{1959}\) ， \(19 .\). \& \(\cdots\) \& \(\cdots\) \& ． \& －．． \& 449 \& \& \& ．．． \& \(\cdots\) \& \(\cdots\) \& \({ }^{668}\) \\
\hline  \& 170
104
144
-4.
-42 \& 118
152
158
114
14
14 \& \(\begin{array}{r}5 \\ \begin{array}{r}3 \\ -23 \\ -23 \\ -30\end{array} \\ \hline\end{array}\) \& -11
-66
68
103
-26 \& 282

3824
138
288
-84 \&  \& 266
135
195
592
-20 \&  \& 111
124
187
100

-2 \&  \& | 663 |
| ---: |
| 762 |
| 796 |
| 965 |
| 677 | <br>

\hline  \& $\begin{array}{r}\text { 57 } \\ 173 \\ 173 \\ 839 \\ 1388 \\ \hline 388\end{array}$ \& -242
520
530
1220
122
365 \& $\begin{array}{r}-227 \\ 107 \\ 5120 \\ \text { 515 } \\ \hline 196\end{array}$ \& 55
109
104
312

963

963 \&  \&  \&  \& | 147 |
| :--- |
| 20 |
| 237 |
| 495 |
| 499 | \& 200

11
409
209
506 \&  \& 759
489
1266
1268
1226
1494 <br>

\hline $$
\begin{aligned}
& 1970, \ldots,: \\
& 19711 .: \because: \\
& 1972 .:
\end{aligned}
$$ \& 304 \& 374 \& 720 \& 792 \& 2190 \&  \& 210 \& －93 \& 488 \& 337 \& 942 <br>

\hline
\end{tabular}

${ }_{2}^{1}$ This series contains revisions beginning with 1960.
This series contains no revisions but is reprinted for the convenience of the user．
E. Business Cycle Expansions and Contractions in the United States: 1854 to 1970

| Business cycle reference dates | Duration in months |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Contraction (trough from previous peak) | Expansion (trough to peak) | Cycle |  |
|  |  |  | Trough from previous trough | Peak from previous peak |
| Trough Peak |  |  |  |  |
| December 1854 . . . . . . . . . . . June 1857 | (X) | 30 | (X) | (X) |
| December $1858 . . . . . . . .$. . . Octaber 1860 | 18 | 22 | 48 | 40 |
| June 1861 . . . . . . . . . . . . . . April 1865 | 8 | 46 | 30 | 54 |
| December $1867 . . . . . . . . . . .$. . June 1869 | 32 | 18 | $\frac{78}{36}$ | 50 |
| December $1870 . . . . . . . . .$. . October 1873 | 18 | 34 | 36 | 52 |
| March $1879 . \ldots . . . . . . . . . . .$. March 1882 | 65 | 36 | 99 | 101 |
| May 1885 ............... March 1887 | 38 | 22 | 74 | 60 |
| April $1888 . . . . . . . . . . . . . . .$. . July 1890 | 13 | 27 | 35 | 40 |
| May 1891 . . . . . . . . . . . . . . January 1893 | 10 | 20 | 37 | 30 |
| June 1894 . . . . . . . . . . . . . . December 1895 | 17 | 18 | 37 | 35 |
| June 1897 . . . . . . . . . . . . . . June 1899. | 18 | 24 | 36 | 42 |
| December 1900 . . . . . . . . . . . September 1902 | 18 | 21 | 42 | 39 |
| August 1904 . . . . . . . . . . . . May 1907 | 23 | 33 | 44 | 56 |
| June 1908 . . . . . . . . . . . . . . January 1910 | 13 | 19 | 46 | 32 |
| January 1912 ............ January 1913 | 24 | 12 | 43 | 36 |
| December $1914 . . . . . . . . . .$. August 1918. | 23 | 44 | 35 | 67 |
| March 1919 ............... . January 1920 | 7 | 10 | 51 | 17 |
| July 1921 ............... May $1923 . \ldots$ | 18 | 22 | 28 | 40 |
| July 1924 . .............. . October 1926 | 14 | 27 | 36 | 41 |
| November $1927 . . . .$. . . . . . August 1929 | 13 | 21 | 40 | 34 |
| March 1933 . . . . . . . . . . . . . May 1937 | 43 | 50 | 64 | 93 |
| June 1938 . . . . . . . . . . . . . February 1945 | 13 | 80 | 63 | 93 |
| October 1945 ............. November 1948 | 8 | 37 | 88 | 45 |
| October 1949 ............. July 1953 | 11 | 45 | 48 | $\underline{56}$ |
| August 1954 . . . . . . . . . . . . July 1957. | 13 | 35 | 58 | 48 |
| April 1958 . . . . . . . . . . . . . May 1960. | 9 | 25 | 44 | 34 |
| February 1961 ........... ${ }^{*}$ November 1969 | 9 | 105 | 34 | 114 |
| *November 1970 | 12 | (X) | 117 | (X) |
| Average, all cycles: |  |  |  |  |
| 27 cycles, 1854-1970 | 19 | 33 | 52 | 152 |
| 11 cycles, 1919-1970 | 15 | 42 | 56 | ${ }^{2} 60$ |
| 5 cycles, 1945-1970 | 11 | 49 | 60 | 359 |
| Average, peacetime cycles: |  |  |  |  |
| 22 cycles, 1854-1961 | 20 | 26 | 45 | 446 |
| 8 cycles, 1919-1961 | 16 | 28 | 45 | 548 |
| 3 cycles, 1945-1961 | 10 | 32 | 42 | ${ }^{6} 42$ |

NOTE: Underscored figures are the wartime expansions (Civil War, World Wars I and II, Korean War, and Vietnam War), the postwar contractions, and the full cycles that include the wartime expansions.
*Tentative and subject to revision as more information becomes available.

| ${ }^{1} 26$ cycles, $1857-1969$. | ${ }^{3} 5$ cycles, 1945-1969. | ${ }^{5} 7$ cycles, $1920-1960$. |
| :--- | :--- | :--- |
| ${ }^{2} 10$ cycles, $1920-1969$. | ${ }^{2} 21$ cycles, 1857-1960. | ${ }^{6} 3$ cycles, 1945-1960. |

Source: National Bureau of Economic Research, Inc.

## 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.


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 five 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.
NSC = No specific cycle. This indicates that no specific turning point corresponding to the indicated reference date is discernible.
Q = Quarterly series. Leads and lags are measured from middle of quarter to reference date.
*Not necessarily the peak (trough), but the high (low) for the available data.

## 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 cecovery 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 char tesign.
. The objective of the chart is to compare the pattern of the current recovery with historical recovery patterns to facilitate critical assessment of the amplitude, duration, and vigor of the indicators' current movements.
2. The vertical line represents reference trough dates. The current recovery phase, beginning with the business cycle trough in November 1970, and the selected historical ecovery 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 cycle 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 each cycle (consisting of the contraction and portions of the subsequent recovery and expansion). These deviations from the peak levels may le 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 series 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 excessive irregular fluctuations in series with MCD of 3 or mor is modified by using the average for the 3 months centered on the peak as the reference peak level
. For series that move counter to movements in general business activity (e.g., the unemployment rate), an inverted scale is used; i.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 are shown. One curve describes the current recovery (heavy solid line:m). 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
1961) is shown as another curve (heavy broken line:-ー). The curve representing the historical median pattern passes through the median points of the four individual recovery paths. (Median is defined here as the average of the two middle points). The two most recent individual recoveries (those beginning in 1958 and 1961 are also shown as plotted lines (solid line: $\quad$, and knotted line: $\leftrightarrow, \rightarrow$ respectively). The two sets of points display the relative levels for the remaining two recoveries (those beginning in 1949 ( $\boldsymbol{\star}$ ) and 1954 (O) at four points in time (trough date, 12 and 24 months after trough date, and at the same time point as the latest month plotted).
8. The business cycle peaks and troughs used throughout the recovery comparison charts are those designated by the National Bureau of Economic Research and are shown below. The Roman numerals in parentheses indicate the peak and trough quarters used for timing quarterly data:

| Peak | Trough |
| :---: | :---: |
| Nov. '48 (IVQ'48) | Oct. '49 (IVQ'49) |
| July '53 (IIQ '53) | Aug. '54 (IIIQ'54) |
| July '57 (IIIQ'57) | Apr. '58 (IIQ'58) |
| May ' 60 (IIQ'60) | Feb. '61 (IQ'61) |
| Nov. '69 (IVQ' 69) | Nov. '70 (IVQ'70) |

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


NOTE: The lines for the current period can be updated by computing and plotting the percentage changes from the Nov. I969 (or IVQ 1969) peak values to the current data. For series 1,6 , and 28 , the average for Oct. to Dec. 1969 is used as the peak value.

* Reference peak levels are averages of the three months centered on reference peak dates for series with MCD of 3 or more.
G. Recovery Comparisons: Current and Selected Historical Patterns-Continued


NOTE: The lines for the current period can be updated by computing and plotting the percentage changes from the Nov. 1969 (or $1 V Q$ 1969) peak values to the current data.
${ }^{1}$ Based on 8 components. 2Anticipated; anticipated IQ ${ }^{173}$ not shown (96.66). 3 Estimate for weeks ended December 6, 13 , and 20.
${ }^{4}$ Estimate for weeks ended December 5, 12 and 19.


## ALPHABETICAL INDEX

Series Finding Guide


[^7]Series Finding Guide--Continued

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

Series Finding Guide-Continued

*Denotes series on the 1966 NBER "short list" of indicators. \# The "number" for this series 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 for 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 (Q).Department of Commerce, Bureau of Economic Analysis
( $\mathrm{A} 1, \mathrm{~B} 2, \mathrm{~B}, \mathrm{E} 5$ )
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 (0).-Department of Commerce, Bureau of Economic Analysis
(A1)
203. Per capita gross national product in current dollars (0).-Department of Commerce, Bureau of Economic Analysis and Bureau of the Census
(A1)
204. Per capita gross national product in 1958 dollars (0).-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 (A2)
206. Personal income in current dollars ( 0 ).-Department of Commerce, Bureau of Economic Analysis (A2)
207. Disposable personal income in current dollars (0)--Department of Commerce, Bureau of Economic Analysis
(A2)
208. Disposable personal income in 1958 dollars (D).--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 ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(A2)
211. Personal consumption expenditures, total, in current dollars (0).-Department of Commerce, Bureau of Economic Analysis
(A3)
230A. Personal consumption expenditures as a percent of gross national product ( Q ).-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 dollars ( O ).-Department of Commerce, Bureau of Economic Analysis
(A3)
214. Personal consumption expenditures, durable goods except automobiles, in current dollars (0).Department of Commerce, Bureau of Economic Analysis
(A3)
215. Personal consumption expenditures, automobiles, in current dollars ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(A3)
216. Personal consumption expenditures, nondurable goods, in current dollars (0).-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 (0).Department of Commerce, Bureau of Economic Analysis
(A4)
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 (a).-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 ( 0 ).-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 ( O ).-Department of Commerce, Bureau of Economic Analysis
(A4, B4)
245A. Change in business inventories as a percent of gross national product ( Q ).-Department of Commerce, Bureau of Economic Analysis
(A11)
224. Gross private domestic investment, change in business inventories, all industries, 1958 dollars (0).-Department of Commerce, Bureau of Economic Analysis
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. Balance on goods and services, excluding transfers under military grants ( 0 ).-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
( $\mathrm{A}, \mathrm{D}, \mathrm{D}$ )
260. Government purchases of goods and services, total (0).-Department of Commerce, Bureau of Economic Analysis
(A6)
261. Government purchases of goods and services total, 1958 dollars (0)-Department of Commerce, Bureau of Economic Analysis
(A10)
262. Federal Government purchases of goods and services, total (0).-Department of Commerce, Bureau of Economic Analysis
(A6)
262A. Federal Government purchases of goods and services as a percent of gross national product (O).-Department of Commerce, Bureau of Economic Analysis
(A11)
264. Federal Government purchases of goods and services, national defense ( 0 ).-Department of Commerce, Bureau of Economic Analysis (A6, D3)
266. State and local government purchases of goods and services, total (0).-Department of Commerce. Bureau of Economic Analysis
(A6)

266A. State and local government purchases of goods and services as a percent of gross national product (0).-Department of Commerce, Bureau of Economic Analysis
(A11)
270. Final sales, durable goods ( 0 ).--Department of Commerce, Bureau of Economic Analysis
(A7)
271. Change in business inventories, durable goods (0).-Department of Commerce, Bureau of Economic Analysis
(A7)
273. Final sales (series 205 minus series 246), 1958 dollars ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(A10)
274. Final sales, nondurable goods, ( O ).-Department of Commerce, Bureau of Economic Analysis
(A7)
275. Change in business inventories, nondurable goods (0).-Department of Commerce, Bureau of Economic Analysis
(A7)
280. Compensation of employees ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(A8)
280A. Compensation of employees as a percent of gross national product (0).-Department of Commerce, Bureau of Economic Analysis
(A11)
282. Proprietors' income ( 0 ).-Department of Commerce, Bureau of Economic Analysis
282A. Proprietors' income as a percent of gross national product ( Q ).-Department of Commerce, Bureau of Economic Analysis
(A11)
284. Rental income of persons (0).-Department of Commerce, Bureau of Economic Analysis (A8)

284A. Rental income of persons as a percent of gross national product ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(A11)
286. Corporate profits and inventory valuation adjustment ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(A8)
286A. Corporate profits and inventory valuation adjustment as a percent of gross national product (0).-Department of Commerce, Bureau of Economic Analysis
(A11)

## 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 (0). - Department of Commerce, Bureau of Economic Analysis
(A11)
290. Gross saving-private saving plus government surplus or deficit ( O ).-Department of Commerce, Bureau of Economic Analysis (A9)
292. Personal saving (Q).-Department of Commerce, Bureau of Economic Analysis
294. Undistributed corporate profits plus inventory valuation adjustment ( 0 ). -Department of Commerce, Bureau of Economic Analysis
(A9)
296. Capital consumption allowances, corporate and noncorporate (0).-Department of Commerce, Bureau of Economic Analysis
(A9)
298. Government surplus or deficit, total ( Q ).-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
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.) (83)
*10. Contracts and orders for plant and equipment (M).-Department of Commerce, Bursau of the Census, and McGraw-Hill Information Systems Company; seasonal adjustment by Bureau of Economic Analysis May 1970 and by source agency thereafter.
( 83,88 )
11. Newly approved capital appropriations, 1,000 manufacturing corporations (0).-The Conference Board
(B3, E3)
*12. Index of net business formation (M).-Department of Commerce, Bureau of Economic Analysis; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Research, Inc. (B3, B8)
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 fiabilities of business failures (M).-Dun and Bradstreet, Inc.
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 ( 0 ).-Department of Commerce, Bureau of Economic Analysis ( $\mathrm{B} 5,88$ )
*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 taxes, 1958 dollars ( 0 )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
(B1)
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, capital goods industries, nondefense ( 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
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
( $\mathrm{B} 3, \mathrm{~B} 8$ )
*31. Change in book value of manufacturing and trade inventories, total ( $M$ ).-Department of Commerce, Bureau of Economic Analysis and Bureau of the Census
( 84,88 )
32. Vendor performance, percent of companies reporting slower deliveries (M).-Purchasing Management Association of Chicago
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
35. Net cash flow, corporate, 1958 dollars ( Q ).-Department of Commerce, Bureau of Economic Analysis
37. Percent of companies reporting higher inventories of purchased materials (M).-National Association of Purchasing Management; seasonal adjustment by Bureau of Economic Analysis
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 Research, Inc. (Bimonthly since December 1964)
(B6)
40. Unemployment rate, married males, spouse present (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce. Bureau of the Census
(B1)
*41. Number of employees on nonagricultural payrolls, establishment 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. Sales 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
(B5, E5)
*56. Manufacturing and trade sales ( $M$ ).-Department of Commerce, Bureau of Economic Analysis and Bureau of the Census
( $\mathrm{B} 2, \mathrm{~B} 8$ )
57. Final sales (series 200 minus series 245) ( Q ).-Department of Commerce, Bureau of Economic Analysis
(B2)
58. Index of wholesale prices, manufactured goods (M).-Department of Labor, Bureau of Labor Statistics
(B5, 04, E3, E4)
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 Economic Analysis
( $\mathrm{B} 3, \mathrm{~B}, \mathrm{C} 1, \mathrm{C} 2$ )
*62. Index of labor cost per unit of output, total manufacturing-ratio, 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
( $\mathrm{B} 5, \mathrm{~B} 8$ )

## Titles and Sources of Series

## (Continued)

63. Index of unit labor cost, total private economy (Q).--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 seasonally adjusted figure for previous month to obtain current figure
(B6)
*67. Bank rates on short-term business loans, 35 cities (a).-Board of Governors of the Federal Reserve System
(B6, B8)
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 ( 0 ).-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' unfilled orders, durable goods industries (EOM).-Department of Commerce, Bureau of the Census
(B3)
71. Backlog of capital appropriations, manufacturing (E00). - 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
(B6)
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
(B6)
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 installment debt (M).-Board of Governors of the Federal Reserve System (B6, B8)
76. Discount rate on new issues of 91 -day Treasury bills (M).-Board of Gavernors of the Federal Reserve System
(B6)
77. Yield on long-term Treasury bonds (M).-Treasury Department
(B6)
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 Band 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 ( 0 ). See in section $A$.
*205. Gross national product in 1958 doliars ( 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).--Department 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
(B7)
89. Five coincident indicators-composite index (includes series 41, 43, 47, 52, and 56) (M).-Department of Commerce, Bureau of Economic Analysis (B7, E5)
90. Five coincident indicators-deflated composite index (includes series $41,43,47,52 \mathrm{D}$ and 56 D ) (M).Department of Commerce, Bureau of Economic Analysis
(B7)
91. Six lagging indicators-composite index (includes series 44, 61, 62, 67, 71, 72) (M).-Department of Commerce, Bureau of Economic Analysis

## C Anticipations and Intentions

61. Business expenditures for new plant and equipment, all industries (0). See in section B.
62. Manufacturers' sales, total value (Q).-Department of Commerce, Bureau of the Census
63. Manufacturers' inventories, total book value (EOO).-Department of Commerce, Bureau of the Census
(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 the Census
(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 ( $E 00$ ).-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
(C1)
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 ( O ).-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.)
(C2)

D442. Net profits, manufacturing and trade (Q).-Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)
(C2)
D444. Net sales, manufacturing and trade ( Q ). - Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)
(C2)
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)
D450. Level of inventories, manufacturing and trade (O).-Dun and Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)
(C2)
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.)
(C2)
D464. Sellina prices, wholesale trade ( 0 ).-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 goods (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 ( 0 ). See in section $A$.
59. Exports of goods and services, excluding transfers under military grants; U.S. balance of payments ( O ). 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) (M).-Department of Commerce, Bureau of the Census
(D1)
63. Exports, excluding military aid shipments, total (M).-Department of Commerce, Bureau of the Census
(D1)

## Titles and Sources of Series

(Continued)
506. Manufacturers' new orders for export, durable goods except motor vehicles and parts (M).-Department of Commerce, Bureau of the Census
508. Index of export orders for nonelectrical machinery (M).-McGraw-Hill, Department of Economics; seasonal adjustment by Bureau of Economic Analysis
(D1)
512. General imports, total (M).-Department of Commerce, Bureau of the Census
(D1)
515. Balance on goods, services and remittances; U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
517. Balance on current account; U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
519. Balance on current account and long term capital; U.S. balance of payments (0).-Department of Commerce, Bureau of Economic Analysis
(D2)
521. Net liquidity balance; U.S. balance of payments (Q).-Department of Commerce, Bureau of Economic Analysis
522. Official reserve transactions balance; U.S. balance of payments (0).-Department of Commerce, Bureau of Economic Analysis
(D2)
530. Liquid liabilities (excluding military grants) to all foreigners, total outstanding: U.S. balance of payments (EOO).-Department of Commerce, Bureau of Economic Analysis
(D2)
532. Liquid and certain nonliquid liabilities (excluding military grants) to foreign official agencies, total outstanding: U.S. balance of payments (EOQ).Department of Commerce, Bureau of Economic Analysis
(D2)
534. U.S. official reserve (assets) position, excluding military grants: U.S. balance of payments (EOO).Department of Commerce, Bureau of Economic Analysis
535. Allocations to the U.S. of Special Drawing Rights: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
536. Merchandise exports, adjusted, excluding military grants: U.S. balance of payments (0).-Department of Commerce, Bureau of Economic Analysis
(D2)
537. Merchandise imports, adjusted, excluding military: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
540. 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)
541. Foreigners' investment income, military expenditures and other services imports: U.S. balance of payments (0).-Department of Commerce, Bureau of Economic Analysis
(D2)
542. Income on U.S. investments abroad: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
543. Income on foreign investments in the U.S.: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
544. Receipts from foreign travelers in the U.S.: U.S. balance of payments ( O ).-Department of Commerce Bureau of Economic Analysis
545. Payments by U.S. travelers abroad: U.S. balance of payments ( O ).-Department of Commerce, Bureau of Economic Analysis
546. Military sales to foreigners: U.S. balance of payments (0).-Department of Commerce, Bureau of Economic Analysis
(D2)
547. U.S. military expenditures abroad: U.S. balance of payments (0).-Department of Commerce, Bureau of Economic Analysis
548. Receipts for transportation and other services: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
549. Payments for transportation and other services: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
560. Foreign direct investments in the U.S.: U.S. balance of payments ( O ).-Department of Commerce, Bureau of Economic Analysis
(D2)
561. U.S. direct investments abroad: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
564. Foreign purchases of U.S. securities: U.S. balance of payments ( Q ).-Department of Commerce, Bureau of Economic Analysis
(D2)
565. U.S. purchases of foreign securities: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
570. Government grants and capital transactions, net: U.S. balance of payments ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D2)
575. Banking and other capital transactions, net: U.S. balance of payments ( Q ). -Department of Commerce, Bureau of Economic Analysis
(D2)
600. Federal Government surplus or deficit, national income and product accounts ( 0 ).-Department of Commerce, Bureau of Economic Analysis
(D3)
601. Federal Government receipts, national income and product accounts ( O ).-Department of Commerce, Bureau of Economic Analysis
(D3)
602. Federal expenditures, national income and product accounts ( Q ).-Department of Commerce, Bureau of Economic Analysis
(D3)
616. Defense Department obligations incurred, total, excluding military assistance (M).-Department of Defense, Fiscal Analysis Division: seasonal adjustment by Bureau of Economic Analysis
(D3)
621. Defense Department obligations incurred, procurement (M).-Department of Defense, Fiscal Analysis Division; seasonal adjustment by Bureau of Economic Analysis
(D3)
625. Military prime contract awards to U.S. business firms and institutions (M).--Department of Defense, Direc torate for Statistical Services; seasonal adjustment by Bureau of Economic Analysis
647. New orders, defense products industries (M).Department of Commerce, Bureau of the Census (D3)
648. New orders, defense products (M).-Department of Commerce, Bureau of the Census
(D3)
740. 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)
741. 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)
745. Index of average hourly compensation, all employees, private nonfarm economy ( Q ).-Department of Labor, Bureau of Labor Statistics
746. Index of real average hourly compensation, all employees, private nonfarm economy (0). $\rightarrow$ Department of Labor, Bureau of Labor Statistics
(D5)
748. Negotiated wage and benefit decisions, all indus-tries-first year average (mean) changes ( 0 ).Department of Labor, Bureau of Labor Statistics(D5)
749. Negotiated wage and benefit decisions, all indus-tries-average (mean) changes over life of contract (O).-Department of Labor, Bureau of Labor Statistics
(D5)
750. Index of wholesale prices, all commodities (M).Department of Labor, Bureau of Labor Statistics(D4)
751. Index of wholesale prices, processed foods and feeds (M).-Department of Labor, Bureau of Labor Statistics
(D4)
752. Index of wholesale prices, farm products (M).Department of Labor, Bureau of Labor Statistics(D4)
770. Index of output per man-hour, total private economy (0).-Department of Labor, Bureau of Labor Statistics
(D5)
781. Index of consumer prices (M).-Department of Labor, Bureau of Labor Statistics (D4, E5, F1)
782. Index of consumer prices, food (M).-Department of Labor, Bureau of Labor Statistics
(D4)
783. Index of consumer prices, commodities less food (M).-Department of Labor, Bureau of Labor Statistics
784. Index of consumer prices, services (M).--Department of Labor, Bureau of Labor Statistics
(D4)
841. Total civilian labor force, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
842. Total civilian employment, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
843. Number of persons unemployed, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
844. 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
(06)
845. 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
(D6)
846. 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)
847. Unemployment rate, white, labor force survey (M).-Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Bureau of the Census
(D6)
848. 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)
858. Index of output per man-hour, total private nonfarm (0).--Department of Labor, Bureau of Labor Statistics
(D5)
859. Real spendable average weekly earnings of production or nonsupervisory workers (with 3 dependents) on private nonagricultural payrolls, 1967 dollars (M).-Department of Labor, Bureau of Labor Statistics
(D5)

## 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. GNP in current dollars (0). See in section A.
50. Gross national product in 1958 dollars ( 0 ). See in section A.
51. Potential level of gross national product in 1958 dollars (0).-Council of Economic Advisers
(E1)
52. Gap-the potential GNP (series 206) less the actual GNP (series 205) (0).-Council of Economic Advisers
(E1)
53. Five coincident indicators-composite index (includes series $41,43,47,52$, and 56) (M). See in section B.
54. Ratio, output to capacity, manufacturing (0).-Board of Governors of the Federal Reserve System, Department of Commerce, and McGraw-Hill Economics Department
(E2)
55. Ratio, inventories (series 71) to sales (series 56), manufacturing and trade total (EOM).-Department of Commerce, Bureau of Economic Analysis
(E2)
56. Ratio, unfilled orders (series 96) to shipments, manufacturers' durable goods (EOM).-Department of Commerce, Bureau of the Census
(E2)
57. Ratio, production of business equipment to production of consumer goods (M).-Board of Governors of the Federal Reserve System. (Based upon components of the Federal Reserve index of industrial production.)
(E2)
58. Ratio, personal saving to disposable personal income (series 292 divided by series 224) (0). -Department of Commerce, Bureau of Economic Analysis (E2)
59. Vacancy rate in rental housing-unoccupied rental housing units as a percent of total rental housing (a).-Department of Commerce, Bureau of the Census
(E2)
60. 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
(E2)

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 B for titles and sources of D1, D5, D6, D11, D19, D23, D41, 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.
(E3)

## F International Comparisons

19. United States, index of stock prices, $\mathbf{5 0 0}$ 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 Danlopment (Paris)
(F2)
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
25. France, index of industrial production (M).--Institut National de la Statistique et des Etudes Economiques (Paris)
26. Italy, index of industrial production (M).-Instituto Centrale di Statistica (Rome)
27. Japan, index of industrial production (M).-Ministry of International Trade and Industry (Tokyo)
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)
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)
35. Canada, index of stock prices (M).-Dominion Bureau of Statistics (Ottawa)
36. West Germany, index of stock prices (M).Statistisches Bundesamt (Wiestraden)
37. France, index of stock prices (M).-Institut National de la Statistique et des Etudes Economiques (Pa:as)
(F3)
38. Italy, index of stock prices (M).-Instituto Centrale di Statistica (Rome)
39. Japan, index of stock prices (M).-Tokyo Stock Exchange (Tokyo)
(F3)
40. United States, index of consumer prices (M). See in section $D$.

[^0]:    The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 1, 1975.

[^1]:    Current data for these series are shown on page 74.

[^2]:    '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 page 78.

[^3]:     | 70 |
    | :---: |
    | 50 |
    | $50-2$ |
    | 40 |
    | 30 |

[^4]:    Current data for these series are shown on page 87. End of year figures are used prior to 1960.

[^5]:    Current data for these series are shown on page 88. Annual totals are used prior to 1960.

[^6]:    Current data for these series are shown on pages 92 and 93.

[^7]:    *Denotes series on the i966 NBER "short list" of indicators. \# The "number" for this series title was changed since the publication date shown. NIA means National Income and Product Accounts.

