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ABOUT THIS REPORT

BUSINESS CONDITIONS DIGEST (BCD) provides a monthly look at many of the economic time series found most useful by business analysts and forecasters.

The original **BCD**, which began publication in 1961 under the title **Business Cycle Developments**, emphasized the cyclical indicators approach to the analysis of business conditions and prospects. The report's contents were based largely on the list of leading, roughly coincident, and lagging indicators maintained by the National Bureau of Economic Research, Inc.

In 1968, **BCD** was expanded to increase its usefulness to analysts using other approaches to business conditions analysis. Principal additions to the report were series from the national income and product accounts and series based on surveys of businessmen's and consumers' anticipations and intentions. The composite indexes were added at that time, and the report's present title was adopted.

The dominant feature of the current **BCD** is the cyclical indicators section, in which each business cycle indicator is assigned a three-way timing classification according to its behavior at peaks, at troughs, and at all turns. This section is supplemented by a section containing other important economic measures. The method of presentation is explained in the introductory text which begins on page 1.

Most of the data contained in this report also are published by their source agencies. A series finding guide and a complete list of series titles and sources can be found at the back of the report.

Cyclical Indicators are economic time series which have been singled out as leaders, coinciders, or lagers based on their general conformity to cyclical movements in aggregate economic activity. In this report, cyclical indicators are classified both by economic process and by their average timing at business cycle peaks, at business cycle troughs, and at peaks and troughs combined. These indicators have been selected primarily on the basis of their cyclical behavior, but they also have proven useful in forecasting, measuring, and interpreting short-term fluctuations in aggregate economic activity.

Other Economic Measures provide additional information for the evaluation of current business conditions and prospects. They include selected components of the national income and product accounts; measures of prices, wages, and productivity; measures of the labor force, employment, and unemployment; economic data on Federal, State, and local government activities; measures of U.S. international transactions; and selected economic comparisons with major foreign countries.

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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

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Readers are invited to submit comments and suggestions concerning this publication. Address them to Feliks Tamm, Chief, Statistical Indicators Division, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. 20230

NEW FEATURES AND CHANGES FOR THIS ISSUE

Changes in this issue are as follows:

1. The composite indexes of leading, coincident, and lagging indicators were revised in the February 1983 *BCD*. In this issue, on pages 107-109, the changes in these indexes are summarized.

2. Series 54 (sales of retail stores in current dollars) has been revised by the source agency for the period 1978 to date. This revision adjusts the level of these data to the level derived from the 1981 Annual Retail Trade Survey.

Further information concerning this revision may be obtained from the U.S. Department of Commerce, Bureau of the Census, Business Division.

3. Series 59 (sales of retail stores in constant dollars) has been revised for the period 1978 to date to reflect the revision of the current-dollar data. (See item 2 above.)

Further information concerning this revision may be obtained from the U.S. Department of Commerce, Bureau of Economic Analysis, Statistical Indicators Division.

4. Revised data on U.S. money supply (series 85, 102, and 104-108) are shown in this issue for the period 1959 through September 1981. Revised data for the period since September 1981 were shown in the February 1983 *BCD*. (See "New Features and Changes for This Issue" on page iv of that issue.)

Further information concerning these revisions may be obtained from the Board of Governors of the Federal Reserve System, Division of Research and Statistics, Banking Section.

(Continued on page iv.)

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.

The April issue of *BUSINESS CONDITIONS DIGEST* is scheduled for release on May 4.

5. The series on consumer installment credit (series 66 and 113) have been revised historically by the source agency to reflect new benchmark data and related changes in seasonal and trading-day factors.

Beginning with this issue, the source agency's seasonally adjusted historical data on consumer installment credit outstanding are shown in *BCD*. Previously, consumer installment credit outstanding was seasonally adjusted by the Bureau of Economic Analysis through December 1944 and carried forward each month by adding the source agency's seasonally adjusted net change in consumer installment credit to the previous month's seasonally adjusted total. The seasonally adjusted net change in consumer installment credit previously published by the source agency was computed as the difference between seasonally adjusted extensions and liquidations of consumer installment credit. These gross flow series are no longer available and the net change is computed as the month-to-month difference in seasonally adjusted consumer installment credit outstanding.

Further information concerning these revisions may be obtained from the Board of Governors of the Federal Reserve System, Division of Research and Statistics, Mortgage and Consumer Finance Section.

NOTE. Series 95 and 111, which include data on consumer installment credit, are revised historically to reflect the above revision.

6. Series 112, change in business loans, has been recalculated as month-to-month differences (at annual rate) in series 72, commercial and industrial loans outstanding, which was recomputed last month to include commercial paper issued by nonfinancial companies. (See "New Features and Changes For This Issue" on page iv of the February *BCD*.)

Further information concerning this revision may be obtained from the U.S. Department of Commerce, Bureau of Economic Analysis, Statistical Indicators Division.

7. The series on real average hourly earnings of production workers in the private nonfarm economy (series 341) has been revised for the period 1967 through 1981 to reflect the recent revision in the seasonally adjusted consumer price index used as the deflator. Revised data for the period since 1981 were shown in the February issue.

Further information concerning this revision may be obtained from the U.S. Department of Labor, Bureau of Labor Statistics, Office of Productivity and Technology, Division of Productivity Research.

8. The series on exports, excluding military aid shipments, (series 602) and general imports (series 612) have been revised by the source agency for the year 1982 to reflect the updating of basic statistics and seasonal adjustment factors.

Further information concerning these revisions may be obtained from the U.S. Department of Commerce, Bureau of the Census, Foreign Trade Division.

9. The inventory/sales ratios shown in appendix G for manufacturers, retailers, and merchant wholesalers have been revised for the period 1967 to date. These revisions reflect the incorporation of new sources of information for more recent years and (for manufacturers and merchant wholesalers) improvements in deflation procedures.

Further information concerning these revisions may be obtained from the U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Wealth Division.

10. Appendix C contains historical data for series 37, 42-45, 60, 90, 91, 320, 322, 441, 442, 444-448, and 451-453.

METHOD OF PRESENTATION

This report is organized into two major parts. Part I, Cyclical Indicators, includes about 150 time series which have been found to conform well to broad fluctuations in comprehensive measures of economic activity. Nearly three-fourths of these are individual indicators, the rest are related analytical measures: Composite indexes, diffusion indexes, and rates of change. Part II, Other Important Economic Measures, covers over 140 series which are valuable to business analysts and forecasters but which do not conform well enough to business cycles to qualify as cyclical indicators. (There are a few exceptions: Four series which are included in part I are also shown in part II to complete the systematic presentation of certain sets of data, such as real GNP and unemployment.) The largest section of part II consists of quarterly series from the national income and product accounts; other sections relate to prices, labor force, government and defense-related activities, and international transactions and comparisons.

The two parts are further divided into sections (see table of contents), and each of these sections is described briefly in this introduction. Data are shown both in charts and in tables. Most charts begin with 1956, but those for the composite indexes and their components (part I, section A) begin with 1948, and a few charts use a two-panel format which covers only the period since 1971. Except for section F in part II, charts contain shading which indicates periods of recession in general business activity. The tables contain data for only the last few years. The historical data for the various time series are contained in the 1977 *Handbook of Cyclical Indicators*.

In addition to the charts and tables described above, each issue contains a summary table which shows the current behavior of many of the series. Appendixes present seasonal adjustment factors, measures of variability, specific cycle turning dates, cyclical comparison charts, and other information of analytical interest. 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 precise relationships or order. However, all series considered as cyclical indicators are numbered in the range 1 to 199.

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 irregular factor. The more erratic a series is, the larger the MCD will be; thus, MCD is 1 for the smoothest series and 6 for the most erratic. MCD moving averages (that is, moving averages of the period equal to MCD) tend to have about the same degree of smoothness for all series. Thus, a 5-term moving average of a series with an MCD of 5 will show its cyclical movements about as clearly as the seasonally adjusted data for a series with an MCD of 1.

The charts in this report generally include centered MCD moving averages for those 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 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.

The historical reference turning dates are subject to periodic review by NBER and on occasion are changed as a result of revisions in important economic time series. The dates shown in this publication for the 1948-1970 time period are those determined by a 1974 review. Since then, NBER has designated turning points for the 1973-1975 recession and the 1980 recession.

Part I. CYCLICAL INDICATORS

Business cycles have been defined as sequences of expansion and contraction in various economic processes that show up as major fluctuations in aggregate economic activity—that is, in comprehensive measures of production, employment, income, and trade. While recurrent and pervasive, business cycles of historical experience have been definitely nonperiodic and have varied greatly in duration and intensity, reflecting changes in economic systems, conditions, policies, and outside disturbances.

One of the techniques developed in business cycle research and widely used as a tool for analyzing current economic conditions and prospects is the cyclical indicators approach. This approach identifies certain economic time series as tending to lead, coincide with or lag behind the broad movements in aggregate economic activity. Such indicators have been selected and analyzed by NBER in a series of studies published between 1938 and 1967. During the 1972-75 period, a new comprehensive review of cyclical indicators was carried out by the Bureau of Economic Analysis (BEA) with the cooperation of the NBER research staff. The present format and content of part I of *BCD* are based on the results of that study.

Section A. Composite Indexes and Their Components

All cyclical indicators have been evaluated according to six major characteristics: Economic significance, statistical adequacy, consistency of timing at business cycle peaks and troughs, conformity to business expansions and contractions, smoothness, and prompt availability (currency). A formal, detailed weighting scheme was developed and used to assess each series by all of the above criteria. (See articles in the May and November 1975 issues of *BCD*.) The resulting scores relate to cyclical behavior of the series during the period 1947-70. This analysis produced a new list of indicators classified by economic process and typical timing at business cycle peaks and troughs. (See tables on page 2 and text below relating to section B.)

This information, particularly the scores relating to consistency of timing, served as a basis for the selection of series to be included in the composite indexes. The indexes incorporate the best-scoring series from many different economic-process groups and combine those with similar timing behavior, using their overall performance scores as weights. Because they use series of historically tested usefulness and given timing characteristics (for example, leading at both peaks and troughs), with diversified economic coverage and a minimum of duplication, composite indexes give more reliable signals over time than do any of the individual indicators. Furthermore, much of the

Cross-Classification of Cyclical Indicators by Economic Process and Cyclical Timing

A. Timing at Business Cycle Peaks

Economic Process Cyclical Timing	I. EMPLOYMENT AND UNEMPLOYMENT (18 series)	II. PRODUCTION AND INCOME (10 series)	III. CONSUMPTION, TRADE, ORDERS, AND DELIVERIES (13 series)	IV. FIXED CAPITAL INVESTMENT (18 series)	V. INVENTORIES AND INVENTORY INVESTMENT (9 series)	VI. PRICES, COSTS, AND PROFITS (17 series)	VII. MONEY AND CREDIT (26 series)
LEADING (L) INDICATORS (62 series)	Marginal employment adjustments (6 series) Job vacancies (2 series) Comprehensive employment (1 series) Comprehensive unemployment (3 series)	Capacity utilization (2 series)	New and unfilled orders and deliveries (6 series) Consumption (2 series)	Formation of business enterprises (2 series) Business investment commitments (5 series) Residential construction (3 series)	Inventory investment (4 series) Inventories on hand and on order (1 series)	Stock prices (1 series) Commodity prices (1 series) Profits and profit margins (7 series) Cash flows (2 series)	Money flows (3 series) Real money supply (2 series) Credit flows (4 series) Credit difficulties (2 series) Bank reserves (2 series) Interest rates (1 series)
ROUGHLY COINCIDENT (C) INDICATORS (23 series)	Comprehensive employment (1 series)	Comprehensive output and real income (4 series) Industrial production (4 series)	Consumption and trade (4 series)	Backlog of investment commitments (1 series) Business investment expenditures (5 series)			Velocity of money (2 series) Interest rates (2 series)
LAGGING (Lg) INDICATORS (18 series)	Duration of unemployment (2 series)			Business investment expenditures (1 series)	Inventories on hand and on order (4 series)	Unit labor costs and labor share (4 series)	Interest rates (4 series) Outstanding debt (3 series)
TIMING UNCLASSIFIED (U) (8 series)	Comprehensive employment (3 series)		Trade (1 series)	Business investment commitments (1 series)		Commodity prices (1 series) Profit share (1 series)	Interest rates (1 series)

B. Timing at Business Cycle Troughs

Economic Process Cyclical Timing	I. EMPLOYMENT AND UNEMPLOYMENT (18 series)	II. PRODUCTION AND INCOME (10 series)	III. CONSUMPTION, TRADE, ORDERS, AND DELIVERIES (13 series)	IV. FIXED CAPITAL INVESTMENT (18 series)	V. INVENTORIES AND INVENTORY INVESTMENT (9 series)	VI. PRICES, COSTS, AND PROFITS (17 series)	VII. MONEY AND CREDIT (26 series)
LEADING (L) INDICATORS (47 series)	Marginal employment adjustments (3 series)	Industrial production (1 series)	New and unfilled orders and deliveries (5 series) Consumption and trade (4 series)	Formation of business enterprises (2 series) Business investment commitments (4 series) Residential construction (3 series)	Inventory investment (4 series)	Stock prices (1 series) Commodity prices (2 series) Profits and profit margins (6 series) Cash flows (2 series)	Money flows (2 series) Real money supply (2 series) Credit flows (4 series) Credit difficulties (2 series)
ROUGHLY COINCIDENT (C) INDICATORS (23 series)	Marginal employment adjustments (2 series) Comprehensive employment (4 series)	Comprehensive output and real income (4 series) Industrial production (3 series) Capacity utilization (2 series)	Consumption and trade (3 series)	Business investment commitments (1 series)		Profits (2 series)	Money flow (1 series) Velocity of money (1 series)
LAGGING (Lg) INDICATORS (40 series)	Marginal employment adjustments (1 series) Job vacancies (2 series) Comprehensive employment (1 series) Comprehensive and duration of unemployment (5 series)		Unfilled orders (1 series)	Business investment commitments (2 series) Business investment expenditures (6 series)	Inventories on hand and on order (5 series)	Unit labor costs and labor share (4 series)	Velocity of money (1 series) Bank reserves (1 series) Interest rates (8 series) Outstanding debt (3 series)
TIMING UNCLASSIFIED (U) (1 series)							Bank reserves (1 series)

independent measurement error and other "noise" in the included series are smoothed out in the index as a whole. The indexes include only monthly series that are acceptable in terms of relatively prompt availability and reasonable accuracy.

The main composite indexes are distinguished by their cyclical timing. Thus, there is an index of leading indicators, series which historically reached their cyclical peaks and troughs earlier than the corresponding business cycle turns. There is an index of roughly coincident indicators, consisting of series which historically reached their turning points at about the same time as the general economy, and an index of lagging indicators, which includes series that typically reached their peaks and troughs later than the corresponding business cycle turns.

The leading index contains series with long as well as short leads, but each series leads on the average over time and shows a frequency of leads at the individual turns exceeding that attributable to chance, given the historical distribution of cyclical timing. (An analogous statement applies to the components of the lagging index.) Since 1948, leads were generally more frequent and longer at peaks than at troughs of business cycles, while lags were generally more frequent and longer at troughs than at peaks. The adopted system of scoring and classifying the indicators takes into account these well-established differences in timing. Consequently, rough coincidences include short leads (-) and lags (+) as well as exact coincidences (0). (For monthly series, the range is from -3 through +1 at peaks and from -1 through +3 at troughs, where minus denotes leads and plus denotes lags in months.)

For purposes of constructing a composite index, each component series is standardized: The month-to-month percent changes in a given series are divided by the long-run average (without regard to sign) of those changes. Thus, the more volatile series are prevented from dominating the index. The coincident index is calculated so that its long-term trend (since 1948) equals the average of the trends of its four components. This trend, which is similar to that of GNP in constant dollars, can be viewed as a linear approximation to the secular movement (at an average growth rate) in aggregate economic activity. The indexes of leading and lagging indicators have been adjusted so that both their trends and their average month-to-month percent changes (without regard to sign) are approximately equal to those of the coincident index. (For a more detailed description of the method of constructing the composite indexes, see the 1977 *Handbook of Cyclical Indicators*.)

In addition to these principal composite indexes, differentiated according to cyclical timing, there are five indexes based on leading indicators which have been grouped by economic process. Taken together, these additional indexes include all 12 component series of the overall leading index, plus a few related series. Also shown in this section is the ratio of the index of roughly coincident

indicators to the index of lagging indicators, a series known to have a useful pattern of early cyclical timing. Numbers entered on the charts of the composite indexes show the length, in months, of leads (-) and lags (+) at each of the reference turning dates covered.

The next set of data consists of series included in the principal composite indexes. These are the 12 components of the leading index, the 4 components of the coincident index, and the 6 components of the lagging index. Following the title of each series, its typical timing is identified by three letter symbols in a small box. The first of these letters refers to the timing of the given indicator at business cycle peaks, the second to its timing at business cycle troughs, and the third to its timing at all turns, i.e., at peaks and troughs combined. "L" denotes a tendency to lead, "C" a tendency to roughly coincide with the business cycle turns (as represented by the NBER-designated reference dates), and "Lg" a tendency to lag. Since these series have been selected for the consistency of their timing at both peaks and troughs, all components of the leading index are denoted "L,L,L," all components of the coincident index "C,C,C," and all components of the lagging index "Lg,Lg,Lg." It should be remembered that these classifications are based on limited evidence, namely the performance of the indicators during the business cycles of the 1948-70 period, which included five peaks and five troughs. While the timing classifications are expected to agree with the patterns prevailing in the near future, they will not necessarily hold invariably in every instance. The timing of the series in the post-1970 period can be determined by inspection of the charts, where the 1973-1975 recession and the 1980 recession are shaded according to the dates of the NBER reference cycle chronology.

Section B. Cyclical Indicators by Economic Process

This section covers 111 individual time series, including the 22 indicators used in the construction of the composite indexes. The peak and trough timing classifications are shown on the charts in the same manner as described above, but this section includes series with different timing at peaks and at troughs, as well as series where the timing is not sufficiently consistent to be classified as either L,C, or Lg according to the probabilistic measures and scoring criteria adopted. Such series are labeled U, i.e., unclassified as to timing at turning points of the given type. Eight series are unclassified at peaks, one series at troughs, and 19 series at all turns (of the 19, 15 have definite but different timing at peaks and at troughs). No series that is classified as U both at peaks and at troughs is included in the list of cyclical indicators.

The classification scheme which groups the indicators of this section by economic process and cyclical timing is summarized in the two tabulations on page 2. Cross-classification A is based on the observed behavior of the series at five business cycle peaks (November '48, July '53,

August '57, April '60, and December '69); cross-classification B, on their behavior at five business cycle troughs (October '49, May '54, April '58, February '61, and November '70). Each tabulation distinguishes seven major economic processes and four types of cyclical timing. The titles in the cells identify subgroups of the given economic process with the given timing characteristic. The number of series in each such group is given in parentheses following the title. Complete information on how individual indicators are classified by timing at peaks, troughs, and all turns, along with selected measures and scores, is provided in the 1977 *Handbook of Cyclical Indicators*.

Section C. Diffusion Indexes and Rates of Change

Many series in this report are aggregates compiled from numerous components. How the individual components of an aggregate move over a given timespan is summarized by a diffusion index which indicates the percentage of components that are rising (with half of the unchanged components considered rising). Cyclical changes in these diffusion indexes tend to lead those of the corresponding aggregates. Since diffusion indexes are highly erratic, they are computed from changes measured over 6- or 9-month (or 3- or 4-quarter) spans, as well as 1-month (or 1-quarter) spans. Longer spans help to highlight the trends underlying the shorter-term fluctuations. Diffusion indexes are shown for the component series included in each of the three composite indexes and for the components of some of the aggregate series shown in section B.

Diffusion measures can be derived not only from actual data but also from surveys of anticipations or intentions. Indexes based on responses of business executives about their plans and expectations for several operating variables are presented, along with the corresponding indexes based on actual data, as the last set of diffusion series.

This section also records rates of change for the three composite indexes (leading, coincident, and lagging) and for four indicators of aggregate economic activity: GNP in constant dollars (quarterly), industrial production, employee hours in nonagricultural establishments, and personal income less transfers in constant dollars. Rates of change are shown for 1- and 3-month spans or for 1-quarter spans.

Although movements in diffusion indexes and in rates of change for the same aggregates are generally positively correlated, these two measures present information about two related but distinct aspects of economic change. Diffusion indexes measure the prevailing direction or scope of change, while rates of change measure the degree as well as the overall direction. As is the case for diffusion indexes, cyclical movements in the rates of change tend to lead those of the corresponding indexes or aggregates, and thus, they tend to lead at the business cycle turns as well.

Part II. OTHER IMPORTANT ECONOMIC MEASURES

This part is divided into six sections which cover a wide range of quarterly and monthly time series measuring various aspects of economic activity. Some of these series are very comprehensive, pertaining to the U.S. economy as a whole, others have to do with particular sectors or markets, and still others relate to U.S. international transactions or to selected foreign countries. The represented variables include incomes, outputs, and expenditures; prices, earnings, and productivity; labor resources; government receipts, expenditures, and defense-related activities; exports and imports; and selected indicators for a few key foreign countries.

Section A. National Income and Product

The national income and product accounts, compiled by BEA, summarize both receipts and final expenditures for the personal, business, foreign, and government sectors of the economy.

Section A1 shows the gross national product, final sales, and personal and disposable personal income. The four major components of the gross national product—personal consumption expenditures, gross private domestic investment, government purchases of goods and services, and net exports of goods and services—are presented in sections A2 through A5. Most of the series in section A are presented in current as well as constant dollars. There are also a few per capita series. The national income and product accounts, briefly defined below, are described more fully in the *Survey of Current Business*, Part I, January 1976.

Gross national product (GNP) is the market value of final goods and services produced by the labor and property supplied by residents of the United States, before deduction of allowances for the consumption of fixed capital goods. It is the most comprehensive measure of aggregate economic output. Final sales is GNP less change in business inventories.

Personal income is the income received by persons (individuals, owners of unincorporated businesses, nonprofit institutions, private trust funds, and private noninsured welfare funds) from all sources. It is the sum of wage and salary disbursements, other labor income, proprietors' income, rental income of persons, dividends, personal interest income, and transfer payments, 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 nontax payments to government.

Personal consumption expenditures (A2) is goods and services purchased by individuals, operating expenses of nonprofit institutions, and the value of food, fuel, clothing, rent of dwellings, and financial services received in kind by individuals. Net purchases of used goods are also included.

Gross private domestic investment (A3) is fixed capital goods purchased by private business and nonprofit institutions and the value of the change in the physical volume of inventories held by private business. The former include all private purchases of dwellings, whether purchased for tenant or owner occupancy. Net purchases of used goods are also included.

Government purchases of goods and services (A4) is the compensation of government employees and purchases from business and from abroad. It excludes transfer payments, interest paid by government, and subsidies. It includes gross investment by government enterprises but excludes their current outlays. It includes net purchases of used goods and excludes sales and purchases of land and financial assets.

Net exports of goods and services (A5) is exports less imports of goods and services. Exports are part of the national production; imports are not, but are included in the components of GNP and are therefore deducted. More detail on U.S. international transactions is provided in section E.

National income (A6) is the incomes that originate in the production of goods and services attributable to labor and property supplied by residents of the United States. Thus, it measures the factor costs of the goods and services produced. It consists of the compensation of employees, proprietors' income, rental income of persons, corporate profits, and net interest.

Saving (A7) is the difference between income and expenditures during an accounting period. Total gross saving includes personal saving, business saving (mainly undistributed corporate profits and capital consumption allowances), and government surplus or deficit.

Shares of GNP and national income (A8).—The major expenditure components of GNP (consumption, investment, etc.) are expressed as percentages of GNP, and the major income components of national income (compensation of employees, corporate profits, etc.) are expressed as percentages of national income.

Section C. Labor Force, Employment, and Unemployment

This section contains measures of the civilian labor force and its major components: Total numbers of employed and unemployed persons. The number of unemployed is subdivided into selected categories defined by sex, age, and class of worker. Also included are data on participation rates for a few principal segments of the labor force.

Section D. Government Activities

Receipts, expenditures, and their balance (surplus or deficit) are shown quarterly on two levels: (1) Federal Government and (2) State and local government. Also shown is a selection of series from the discontinued *Defense Indicators*. These series measure defense activities which influence short-term changes in the national economy. Included are series relating to obligations, contracts, orders, production, shipments, inventories, outlays, and employment. These series are grouped according to the time at which the activities they measure occur in the defense order-production-delivery process. Series measuring activities which usually precede production, such as contract awards and new orders, are classified as "advance measures of defense activity." Series measuring activities which tend to coincide with production, such as employment, and activities which usually follow production, such as shipments, are classified as "intermediate and final measures of defense activity."

Section E. U.S. International Transactions

This group includes monthly series on exports (excluding military aid) and general imports, plus a few selected components of these aggregates. Also shown are the balances between receipts and expenditures for goods and services, merchandise, and investment income.

Section F. International Comparisons

This section is designed to facilitate a quick review of basic economic conditions in six of the nations with which we have important trade relationships. The U.S. business cycle shading has been omitted from these charts. Data on industrial production, consumer prices, and stock prices for Canada, the United Kingdom, France, West Germany, Japan, and Italy 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 (OECD). The industrial production series provide cyclically sensitive output measures for large parts of the economies covered. Changes in consumer price indexes (plotted for the period since 1971) provide important measures of the rates of inflation in the major industrialized countries. Stock prices (also shown beginning in 1971) tend to be significant as leading indicators.

HOW TO READ CHARTS

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

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

Broken line indicates actual monthly data for series where a moving average is plotted.

Solid line with plotting points indicates quarterly data.

Parallel lines indicates a break in continuity (data not available, extreme value, etc.).

Solid line indicates monthly data over 6- or 9-month spans.

Broken line indicates monthly data over 1-month spans.

Broken line with plotting points indicates quarterly data over 1-quarter spans.

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

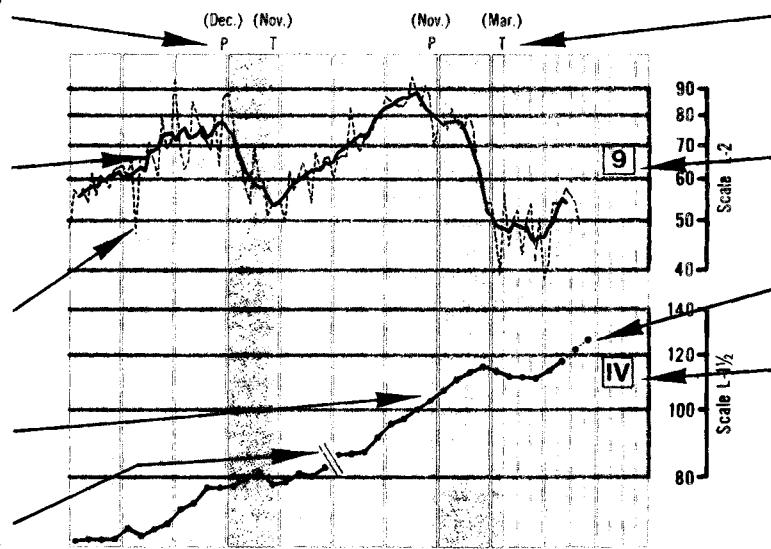
Diffusion indexes and rates of change are centered within the spans they cover.

Solid line indicates percent changes over 3- or 6-month spans.

Broken line indicates percent changes over 1-month spans.

Solid line with plotting points indicates percent changes over 3- or 4-quarter spans.

Basic Data



Trough (T) of cycle indicates end of recession and beginning of expansion as designated by NBER.

Arabic number indicates latest month for which data are plotted. ("9" = September)

Dotted line indicates anticipated data.

Roman number indicates latest quarter for which data are plotted. ("IV" = fourth quarter)

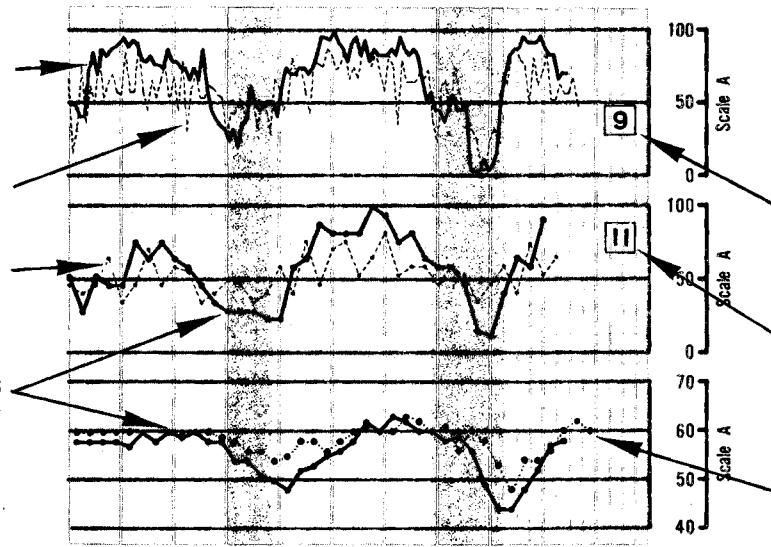
Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "scale L-1" is a logarithmic scale with 1 cycle in a given distance, "scale L-2" is a logarithmic scale with two cycles in that distance, etc.

Arabic number indicates latest month for which data are used in computing the indexes.

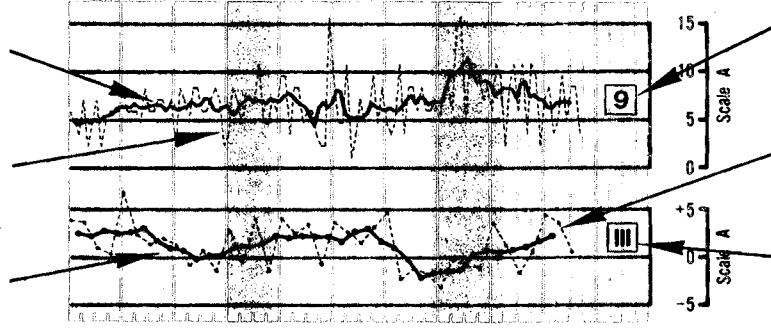
Roman number indicates latest quarter for which data are used in computing the indexes.

Dotted line indicates anticipated quarterly data over various spans.

Diffusion Indexes



Rates of Change



Arabic number indicates latest month used in computing the changes.

Broken line with plotting points indicates percent changes over 1-quarter spans.

Roman number indicates latest quarter used in computing the changes.

HOW TO LOCATE A SERIES

1. See ALPHABETICAL INDEX—SERIES FINDING GUIDE at 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 at the back of the report where series are listed numerically according to series numbers within each of the report's sections.

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

Series title	Timing classification ³	Unit of measure	Basic data ¹							Percent change						Series number	
			Average		2d Q 1982	3d Q 1982	4th Q 1982	Dec. 1982	Jan. 1983	Feb. 1983	Dec. to Jan. 1983	Jan. 1983	2d Q 1982	3d Q 1982	4th Q 1982		
			1981	1982													
I. CYCLICAL INDICATORS																	
A. Composite Indexes																	
910. Twelve leading indicators	L,L,L	1967=100	140.9	137.1	136.1	137.1	140.0	141.2	146.3	148.3	3.5	1.4	0.7	2.1	910		
920. Four coincident indicators	C,C,C	.....do.....	146.0	136.2	138.0	135.3	132.2	132.1	133.5	133.2	1.1	-0.2	-2.0	-2.3	920	
930. Six lagging indicators	Lg,Lg,Lg	.....do.....	122.4	122.9	125.3	122.5	118.4	116.5	115.3	114.6	-1.0	-0.6	-2.2	-3.3	930	
Leading Indicator Subgroups																	
913. Marginal employment adjustments	L,L,L	.....do.....	93.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	913	
914. Capital investment commitments	L,L,L	.....do.....	107.7	104.6	104.4	103.7	106.0	107.3	108.2	109.1	3.8	0.8	-0.7	2.2	914	
915. Inventory investment and purchasing	L,L,L	.....do.....	100.9	97.4	97.0	98.4	97.5	96.5	97.5	98.5	1.0	1.0	1.4	-0.6	915	
916. Profitability	L,L,L	.....do.....	97.9	NA	92.8	93.5	NA	NA	NA	NA	NA	NA	NA	NA	916	
917. Money and financial flows	L,L,L	.....do.....	122.7	123.1	122.5	123.7	123.5	124.5	131.2	NA	5.4	NA	1.0	-0.2	917	
B. Cyclical Indicators by Economic Process																	
B1. Employment and Unemployment																	
Marginal Employment Adjustments:																	
*1. Average workweek, prod. workers, mfg. ²	L,L,L	Hours.....	39.8	38.9	39.1	39.0	38.9	38.9	39.8	38.9	2.3	-2.3	-0.3	-0.3	1		
21. Avg. weekly overtime, prod. workers, mfg. ²	L,C,L	.....do.....	2.8	2.3	2.4	2.4	2.3	2.3	2.3	2.4	0.1	0.1	0.	-0.1	21	
2. Accession rate, per 100 employees, mfg. ²	L,L,L	Percent.....	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2		
*5. Avg. weekly initial claims (inverted ⁴)	L,C,L	Thousands.....	446	573	567	597	599	531	507	478	4.5	5.7	-5.3	-0.3	5		
3. Layoff rate, per 100 employ., mfg. (inv. ⁴) ²	L,L,L	Percent.....	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3		
4. Quit rate, per 100 employees, mfg. ²	L,Lg,U	.....do.....	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4	
Job Vacancies:																	
60. Ratio, help-wanted advertising to persons unemployed ²	L,Lg,U	Ratio.....	0.429	0.243	0.249	0.211	0.198	0.205	0.216	0.215	0.011	-0.001	-0.038	-0.013	60		
46. Help-wanted advertising	L,Lg,U	1967=100	119	86	87	78	79	83	83	83	0.	0.	-10.3	1.3	46		
Comprehensive Employment:																	
48. Employee hours in nonagr. establishments	U,C,C	A.r., bil. hrs.....	169,999	166,141	167,251	165,791	164,021	164,241	165,851	163,761	1.0	-1.3	-0.9	-1.1	48		
42. Persons engaged in nonagr. activities	U,C,C	Thousands.....	97,030	96,125	96,329	96,192	95,705	95,682	95,691	95,670	0.	0.	-0.1	-0.5	42		
*41. Employees on nonagr. payrolls	C,C,C	.....do.....	91,105	89,619	90,029	89,371	88,731	88,565	88,895	88,715	0.4	-0.2	-0.7	-0.7	41	
40. Employees in mfg., mining, construction	L,C,U	.....do.....	25,481	23,882	24,179	23,676	23,102	22,986	23,141	23,018	0.7	-0.5	-2.1	-2.4	40	
90. Ratio, civilian employment to total population of working age ²	U,Lg,U	Percent.....	58.28	57.06	57.25	57.01	56.57	56.50	56.46	56.38	-0.04	-0.08	-0.24	-0.44	90		
Comprehensive Unemployment:																	
37. Total unemployed (inverted ⁴)	L,Lg,U	Thousands.....	8,273	10,678	10,369	11,025	11,839	12,036	11,446	11,490	4.9	-0.4	-6.3	-7.4	37		
43. Unemployment rate, total (inverted ⁴) ²	L,Lg,U	Percent.....	7.6	9.7	9.4	10.0	10.7	10.8	10.4	10.4	0.4	0.	-0.6	-0.7	43		
45. Avg. weekly insured unemployed rate (inv. ⁴) ²	L,Lg,U	.....do.....	3.4	4.6	4.5	4.7	5.1	5.0	4.5	4.5	0.5	0.	-0.2	-0.4	45	
*91. Avg. duration of unemployment (inverted ⁴)	L,Lg,Lg	Weeks.....	13.7	15.6	15.2	16.1	17.5	18.0	19.4	19.0	-2.8	2.1	-5.9	-0.3	91		
44. Unemploy. rate, 15 weeks and over (inv. ⁴) ²	L,Lg,Lg	Percent.....	2.1	3.2	3.0	3.3	4.1	4.3	4.2	4.2	0.1	0.	-0.3	-0.8	44		
B2. Production and Income																	
Comprehensive Output and Income:																	
50. GNP in 1972 dollars	C,C,C	A.r., bil. dol.....	1502.6	1476.9	1478.4	1481.1	1477.2	...	...	...	...	...	0.2	-0.3	50	
52. Personal income in 1972 dollars	C,C,C	.....do.....	1242.0	1247.7	1251.7	1248.2	1249.4	1254.2	1252.5	1253.2	-0.1	0.1	-0.3	0.1	52	
*51. Pers. income less transfer pay., 1972 dollars	C,C,C	.....do.....	1069.1	1065.9	1072.7	1064.7	1059.9	1063.2	1065.0	1065.6	0.2	0.1	-0.7	-0.5	51	
53. Wages and salaries in mining, mfg., and construction, 1972 dollars	C,C,C	.....do.....	230.2	216.2	219.4	213.7	208.9	208.9	212.1	212.2	1.5	0.	-2.6	-2.2	53	
Industrial Production:																	
*47. Industrial production, total	C,C,C	1967=100	151.0	138.6	139.4	138.2	135.3	135.2	136.9	137.3	1.3	0.3	-0.9	-2.1	47		
73. Industrial production, durable mfrs.	C,C,C	.....do.....	140.5	124.7	126.1	124.8	119.8	119.8	122.1	123.4	1.9	1.1	-1.0	-4.0	73	
74. Industrial production, nondurable mfrs.	C,L,L	.....do.....	164.8	156.2	159.5	156.4	155.8	155.8	156.9	156.8	-0.7	-0.1	0.6	-0.4	74	
49. Value of goods output, 1972 dollars	C,C,C	A.r., bil. dol.....	689.5	661.3	663.2	665.1	655.3	...	...	...	...	...	0.3	-1.6	49	
Capacity Utilization:																	
82. Capacity utilization rate, mfg., FRB ²	L,C,U	Percent.....	78.4	69.8	70.3	69.7	67.6	-0.6	-2.1	82	
83. Capacity utilization rate, mfg., BEA ²	L,C,Udo.....	76	70	71	69	68	-2	-1	83	
84. Capacity utilization rate, materials, FRB ²	L,C,Udo.....	79.9	68.9	69.6	68.1	65.8	-1.5	-2.3	84	
B3. Consumption, Trade, Orders, and Deliveries																	
Orders and Deliveries:																	
6. New orders, durable goods	L,L,L	Bil. dol.....	83.24	74.60	75.48	74.23	72.27	76.59	80.92	77.70	5.7	-4.1	-1.7	-2.6	6		
7. New orders, durable goods, 1972 dollars	L,L,L	.....do.....	37.41	32.29	32.77	32.02	30.98	32.75	34.66	32.99	5.3	-4.8	-2.3	-3.2	7	
*8. New orders, cons. goods and mfrs., 1972 dol.	L,L,L	.....do.....	33.12	29.34	29.90	30.03	28.01	28.21	31.22	31.19	10.7	-0.1	0.4	-6.7	8	
25. Ctrg. in unfilled orders, durable goods ²	L,L,L	.....do.....	-0.14	-1.94	-3.03	-3.38	-0.54	3.22	3.67	0.42	0.43	-3.25	-0.35	2.84	25	
98. Mfrs.' unfilled orders, durable goods ²	L,Lg,U	Bil. dol., EOP.....	308.37	285.08	296.87	286.71	285.08	288.75	289.16	1.3	0.1	-3.4	-0.6	98			
*32. Vendor performance ¹²	L,L,L	Percent.....	45	37	33	39	41	38	41	42	3	1	6	2	32		
Consumption and Trade:																	
56. Manufacturing and trade sales	C,C,C	Bil. dol.....	350.52	339.86	345.02	341.18	334.14	334.29	340.45	NA	1.8	NA	-1.1	-2.3	56		
*57. Manufacturing and trade sales, 1972 dollars	C,C,C	.....do.....	159.08	152.13	154.03	152.30	149.74	150.56	153.86	NA	2.2	NA	-1.1	-1.7	57	
75. Industrial production, consumer goods	C,L,C	1967=100	147.9	142.6	143.5	144.4	141.9	142.1	143.7	144.4	1.1	0.5	0.6	-1.7	75		
54. Sales of retail stores	C,L,U	Mfr. dol.....	86,566	89,114	89,295	89,478	91,952	92,459	92,117	91,745	-0.4	-0.4	0.2	2.8	54		
55. Sales of retail stores, 1972 dollars	U,L,U	.....do.....	45,299	44,743	44,904	44,428	45,476	45,817	45,602	45,599	-0.5	0.	-1.1	2.4	55	
55. Personal consumption expend., autos	L,C,C	A.r., bil. dol.....	67.2	70.9	67.8	69.5	78.3	...	...	...	...	...	2.5	12.7	65	
58. Index of consumer sentiment ¹³	L,L,L	1Q 1966=100	70.7	68.0	66.2	66.7	72.5	71.9	70.4	74.6	-2.1	6.0	0.8	8.7	68		
B4. Fixed Capital Investment																	
Formation of Business Enterprises:																	
*12. Net business formation	L,L,L	1967=100	118.6	113.2	114.3	111.6	112.8	114.3	115.9	118.7	1.4	2.4	-2.4	1.3	12		
13. New business incorporations	L,L,L	Number	48,435	47,153	46,602	45,686	50,504	57,507	NA	NA	-2.0	10.5	10.5	13			

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

Series title	Timing classification ³	Unit of measure	Basic data ¹								Percent change				Series number	
			Average		2d Q 1982	3d Q 1982	4th Q 1982	Dec. 1982	Jan. 1983	Feb. 1983	Dec. to Jan. 1983	Jan. to Feb. 1983	2d Q to 3d Q 1982	3d Q to 4th Q 1982		
			1981	1982												
I. CYCLICAL INDICATORS—Con.																
B4. Fixed Capital Investment—Con.																
Business Investment Commitments:																
10. Contracts and orders, plant and equipment ...	L,L,L	Bil. dol.	28.01	24.68	24.04	23.63	24.06	24.84	23.31	24.01	-6.2	3.0	-1.7	1.8	10	
*20. Contr. and orders, plant and equip., 1972 dol.	L,L,L	....do....	14.10	12.27	12.13	11.50	12.13	12.99	11.78	11.55	-9.3	-2.0	-5.2	5.5	20
24. New orders, cap. goods (indus., nondefense) ...	L,L,L	....do....	24.04	20.64	20.74	19.83	20.17	20.15	20.47	18.97	1.6	-7.3	-4.4	1.7	24
27. New orders, capital goods industries, nondefense, 1972 dollars	L,L,L	....do....	12.39	10.56	10.72	9.88	10.50	11.06	10.63	9.50	-3.9	-10.6	-7.8	6.3	27
9. Construction contracts, commercial and industrial buildings, floor space	L,C,U	Mil. sq. ft.	77.72	57.38	59.17	57.84	51.63	49.55	66.89	57.77	35.0	-13.6	-2.2	-10.7	9	
11. New capital appropriations, mfg.	U,Lg,U	Bil. dol.	26.42	21.28	19.33	18.48	21.52	...	...	...	...	...	-4.4	16.5	11
97. Backlog of capital appropriations, mfg. ⁵	C,Lg,Lg	Bil. dol., EOP	92.74	71.15	82.82	74.29	71.15	...	...	...	...	...	-10.3	-4.2	97
Business Investment Expenditures:																
61. Business expend., new plant and equipment ...	C,Lg,Lg	A.r. bil. dol.	321.49	316.43	323.22	315.79	302.77	...	...	...	...	...	-2.3	-4.1	61
69. Machinery and equipment sales and business construction expenditures	C,Lg,Lg	....do....	348.59	325.32	330.81	319.59	312.11	316.21	311.85	NA	-1.4	NA	-3.4	-2.3	69
76. Industrial production, business equip.	C,Lg,U	1967=100....	181.1	157.9	160.5	153.1	147.3	148.3	146.7	145.0	-1.1	-1.2	-4.6	-3.8	76	
86. Nonresid. fixed investment, total, 1972 dol.	C,Lg,C	A.r. bil. dol.	172.0	165.7	166.7	163.4	160.9	...	...	...	...	...	-2.0	-1.5	86
Residential Construction Commitments and Investment:																
28. New private housing units started, total	L,L,L	A.r. thous.	1,087	1,061	950	1,122	1,261	1,280	1,707	1,756	33.4	2.9	18.1	12.4	28	
*29. New building permits, private housing	L,L,L	1967=100....	80.0	79.6	74.1	79.5	98.8	105.4	119.4	120.6	13.3	1.0	7.3	24.3	29	
89. Fixed investment, residential, 1972 dol.	L,L,L	A.r. bil. dol.	44.9	40.3	40.1	39.5	42.9	...	...	...	...	...	-1.5	8.6	89
B5. Inventories and Inventory Investment																
Inventory Investment:																
30. Chg. in business inventories, 1972 dol. ²	L,L,L	....do....	9.0	-9.2	-4.4	3.4	-20.3	...	...	...	...	...	7.8	-23.7	30
*36. Change in inventories on hand and on order, 1972 dollars (smoothed ⁶) ²	L,L,L	....do....	3.44	-14.68	-15.75	-8.64	-13.81	-22.02	-25.91	NA	-3.89	NA	7.11	-5.17	36
31. Chg. in book value, mfg. and trade invent. ²	L,L,L	....do....	36.8	-15.1	-0.3	9.7	-44.5	-52.2	-39.1	NA	13.1	NA	10.0	-54.2	31
38. Chg. in mtl. stocks on hand and on order ²	L,L,L	Bil. dol.	0.10	-2.12	-2.68	-1.68	-1.55	-1.19	-0.43	NA	0.76	NA	1.00	0.13	38	
Inventories on Hand and on Order:																
71. Mfg. and trade inventories, total ⁵	Lg,Lg,Lg	Bil. dol., EOP	519.39	504.28	512.98	515.40	504.28	504.28	501.02	NA	-0.6	NA	0.5	-2.2	71	
70. Mfg. and trade invent., total, 1972 dol. ⁵	Lg,Lg,Lg	....do....	269.85	261.00	265.18	266.03	261.00	261.00	259.09	NA	-0.7	NA	0.3	-1.9	70
65. Mfrs.' inventories of finished goods ⁵	Lg,Lg,Lg	....do....	87.66	83.52	85.90	86.40	83.52	83.52	81.99	NA	-1.8	NA	0.6	-3.3	65
*77. Ratio, inventories to sales, mfg. and trade, constant dollars ²	Lg,Lg,Lg	Ratio.	1.68	1.74	1.72	1.74	1.76	1.73	1.68	NA	-0.05	NA	0.02	0.02	77	
78. Materials and supplies, stocks on hand and on order ⁵	L,Lg,Lg	Bil. dol., EOP	223.13	197.72	207.39	202.36	197.72	197.72	197.29	NA	-0.2	NA	-2.4	-2.3	78	
B6. Prices, Costs, and Profits																
Sensitive Commodity Prices:																
*99. Change in sensitive prices (smoothed ⁶) ²	L,L,L	Percent....	-0.58	-0.67	-0.83	-0.61	-0.47	-0.50	-0.15	0.92	0.35	1.07	0.22	0.14	99	
23. Spot market prices, raw industrials ⑩	U,L,L	1967=100....	283.4	242.5	241.7	237.4	231.1	227.4	232.1	241.3	2.1	4.0	-1.8	-2.7	23	
Stock Prices:																
*19. Stock prices, 500 common stocks ⑩	L,L,L	1941-43=10....	128.04	119.71	114.12	113.82	136.71	139.37	144.27	146.80	3.5	1.8	-0.3	20.1	19	
Profits and Profit Margins:																
16. Corporate profits after taxes	L,L,L	A.r. bil. dol.	150.9	117.5	116.3	119.4	119.4	...	...	...	...	...	2.7	0.	16
18. Corp. profits after taxes, 1972 dollars	L,L,L	....do....	76.2	56.6	56.2	57.1	56.8	...	...	...	...	...	1.6	-0.5	18
79. Corp. profits after taxes with (VA and CCAdj)	L,C,L	....do....	109.5	103.5	100.0	105.3	108.1	...	...	...	...	...	5.3	2.7	79
80. ....do...., in 1972 dol.	L,C,L	....do....	55.5	49.9	48.5	50.4	51.5	...	...	...	...	...	3.9	2.2	80
15. Profits (after taxes) per dol. of sales, mfg. ²	L,L,L	Cents....	4.8	NA	3.7	3.5	NA	...	...	...	...	...	-0.2	NA	15
26. Ratio, price to unit labor cost, nonfarm bus.	L,L,L	1977=100....	98.0	96.8	96.5	96.8	97.0	...	...	...	...	...	0.3	0.2	26
Cash Flows:																
34. Net cash flow, corporate	L,L,L	A.r. bil. dol.	275.2	267.5	263.5	272.6	278.9	...	...	...	...	...	3.5	2.3	34
35. Net cash flow, corporate, 1972 dollars	L,L,L	....do....	134.7	125.5	123.3	128.6	131.4	...	...	...	...	...	4.3	2.2	35
Unit Labor Costs and Labor Share:																
63. Unit labor cost, private business sector	Lg,Lg,Lg	1977=100....	143.1	2.9	152.9	153.8	154.4	...	...	...	...	...	0.6	0.4	63
68. Labor cost (cur. dol.) per unit of gross domestic product (1972), nonfin. corp.	Lg,Lg,Lg	Dollars....	1.305	1.390	1.388	1.392	1.406	...	...	...	...	...	0.3	1.0	68
62. Labor cost per unit of output, mfg.	Lg,Lg,Lg	1967=100....	210.3	229.4	230.0	229.8	231.0	230.3	230.5	230.3	0.1	-0.1	-0.1	0.5	62	
64. Compensation of employees as percent of national income ²	Lg,Lg,Lg	Percent....	75.1	76.2	76.3	76.1	75.9	...	...	...	...	...	-0.2	-0.2	64
B7. Money and Credit																
Money:																
85. Change in money supply (M1) ²	L,L,L	Percent....	0.52	0.69	0.36	0.72	1.07	0.89	0.82	1.85	-0.07	1.03	0.36	0.35	85	
102. Change in money supply (M2) ²	L,C,U	....do....	0.81	0.73	0.64	0.93	0.73	0.74	2.48	2.02	1.74	-0.46	0.29	-0.20	102
104. Chg. in total liquid assets (smoothed ⁶) ²	L,L,L	....do....	0.95	NA	0.86	1.00	NA	NA	NA	NA	NA	NA	0.14	NA	104
105. Money supply (M1), 1972 dollars	L,L,L	Bil. dol.	197.9	198.5	197.2	196.6	202.0	204.3	205.6	209.8	0.6	2.0	-0.3	2.7	105	
*106. Money supply (M2), 1972 dollars	L,L,L	....do....	789.8	813.9	807.8	814.4	829.3	837.1	856.4	875.5	2.3	2.2	0.8	1.8	106
Velocity of Money:																
107. Ratio, GNP to money supply (M1) ²	C,C,C	Ratio.	6.832	6.681	6.742	6.734	6.563	...	...	...	...	...	0.008	-0.171	107
108. Ratio, pers. income to money supply (M2) ²	C,Lg,C	....do....	1.407	1.368	1.380	1.364	1.349	1.345	1.315	1.290	-0.030	-0.025	-0.016	-0.015	108
Credit Flows:																
33. Change in mortgage debt ²	L,L,L	A.r. bil. dol.	39.91	-6.71	0.73	-5.52	-36.08	-43.81	14.08	NA	57.89	NA	-6.25	-30.56	33	
112. Change in business loans ²	L,L,L	....do....	36.18	17.26	47.43	12.00	-41.11	-54.77	34.64	-10.63	89.41	-45.27	-35.43	-53.11	112
113. Change in consumer installment credit ²	L,L,L	....do....	18.14	13.04	19.54	5.18	16.55	29.03	35.15	NA	6.12	NA	-14.36	11.37	113
*111. Change in credit outstanding ²	L,L,L	A.r. Percent.	7.1	1.4	4.8	0.3	-5.9	-7.3	6.1	NA	13.4	NA	-4.5	-6.2	111	

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

Series title	Timing classification ³	Unit of measure	Basic data ¹								Percent change					Series number
			Average		2d Q 1982	3d Q 1982	4th Q 1982	Dec. 1982	Jan. 1983	Feb. 1983	Dec. to Jan. 1983	Jan. to Feb. 1983	2d Q to 3d Q 1982	3d Q to 4th Q 1982		
			1981	1982	1982	1982	1982	1982	1983	1983	1983	1983	1983	1982	1982	
I. CYCLICAL INDICATORS—Con. B7. Money and Credit—Con.																
Credit Difficulties:																
14. Liabilities of business failures (inv. ⁴) ⁵ @.....	L,L,L	Mil. dol.	579.60	NA	2.18	2.16	NA	2.18	NA	NA	NA	NA	NA	NA	NA	14
39. Delinquency rate, instal. loans (inv. ⁴) ⁵ @.....	L,L,L	Percent, EOP	2.37	2.18												39
Bank Reserves:																
93. Free reserves (inverted ⁴) ⁵ @.....	L,U,U	Mil. dol.	-1,051	-692	-982	-390	-142	-197	46	-232	-243	278	-592	-248	93	
94. Borrowing from the Federal Reserve ² @.....	L,Lg,U	....do....	1,359	1,052	1,297	718	577	697	500	561	-197	61	-579	-141	94
Interest Rates:																
119. Federal funds rate ² @.....	L,Lg,Lg	Percent....	16.38	12.26	14.51	11.01	9.29	8.95	8.68	8.51	-0.27	-0.17	-3.50	-1.72	119	
114. Treasury bill rate ² @.....	C,Lg,Lg	....do....	14.08	10.72	12.36	9.71	7.93	8.01	7.81	8.13	-0.20	0.32	-2.65	-1.78	114
115. Treasury bond yields ² @.....	C,Lg,Lg	....do....	12.87	12.23	12.94	12.20	10.34	10.33	10.37	10.60	0.04	0.23	-0.74	-1.86	115
116. Corporate bond yields ² @.....	L,Lg,Lg	....do....	15.48	14.68	15.65	14.72	12.22	12.15	12.04	12.11	-0.11	0.07	-0.93	-2.50	116
117. Municipal bond yields ² @.....	L,Lg,Lg	....do....	11.33	11.66	12.33	11.39	9.90	9.96	9.50	9.58	-0.46	0.08	-0.94	-1.49	117
118. Mortgage yields, residential ² @.....	L,Lg,Lg	....do....	16.31	15.30	16.41	14.98	12.87	12.80	12.87	12.65	0.07	-0.22	-1.43	-2.11	118
67. Bank rates on short-term bus. loans ² @.....	L,Lg,Lg	....do....	19.56	14.69	17.11	13.27	11.26	...	...	...	...	...	-3.84	-2.01	67
*139. Average prime rate charged by banks ² @.....	L,Lg,Lg	....do....	18.87	14.86	16.50	14.72	11.96	11.50	11.16	10.98	-0.34	-0.18	-1.78	-2.76	109
Outstanding Debt:																
88. Consumer installment credit ⁵	Lg,Lg,Lg	Bil. dol., EOP	326.27	339.32	333.88	335.18	339.32	339.32	342.24	NA	0.9	NA	0.4	1.2	66	
72. Commercial and industrial loans	Lg,Lg,Lg	Bil. dol.	227.09	266.52	268.29	272.64	268.96	263.81	266.69	265.81	1.1	-0.3	1.6	-1.3	72	
*101. Commercial and industrial loans, 1972 dollars	Lg,Lg,Lg	....do....	13.26	12.97	13.01	12.91	12.85	12.88	12.96	NA	0.08	NA	-0.10	-0.06	95
II. OTHER IMPORTANT ECONOMIC MEASURES																
B. Prices, Wages, and Productivity																
B1. Price Movements																
310. Implicit price deflator, GNP		1972=100...	195.5	207.2	206.0	208.5	210.4	...	...	...	...	...	1.2	0.9	310
320. Consumer prices (CPI), all items @.....		1967=100...	272.4	289.1	287.3	292.8	293.4	292.4	293.1	293.2	0.2	0.	1.9	0.2	320	
320c. Change in CPI, all items, S/A ²		Percent....	0.7	0.3	0.8	0.3	0.	-0.3	0.2	-0.2	0.5	-0.4	-0.5	-0.3	320	
322. CPI, food		1967=100...	274.6	285.7	285.3	287.3	288.1	288.1	288.3	288.3	0.1	0.	0.7	0.5	322	
330. Producer prices (PPI), all commodities @.....		....do....	293.4	299.3	298.6	300.0	300.3	300.6	300.0	301.2	-0.2	0.4	0.5	0.1	330
331. PPI, crude materials .....		....do....	329.0	319.5	324.3	318.9	316.1	316.5	315.6	317.6	-0.3	0.6	-1.7	-0.9	331
332. PPI, intermediate materials .....		....do....	306.0	310.4	308.9	310.5	311.5	311.8	310.8	310.5	-0.3	-0.1	0.5	0.3	332
333. PPI, capital equipment .....		....do....	264.3	279.6	277.9	281.6	283.3	284.6	284.3	285.6	-0.1	0.5	1.3	0.6	333
334. PPI, finished consumer goods .....		....do....	271.3	280.9	278.1	282.4	285.6	286.5	282.6	282.8	-1.4	0.1	1.5	1.1	334
B2. Wages and Productivity																
340. Average hourly earnings, production workers, private nonfarm economy		1977=100...	138.9	148.4	147.4	149.6	151.4	152.1	152.7	152.9	0.4	0.1	1.5	1.2	340	
341. Real average hourly earnings, production workers, private nonfarm economy .....		....do....	92.6	93.3	93.4	93.0	93.7	94.3	94.7	95.0	0.4	0.3	-0.4	0.8	361
345. Average hourly compensation, nonfarm bus. ....		....do....	143.2	153.6	152.3	154.7	156.9	...	...	...	...	...	1.6	1.4	345
346. Real avg. hourly comp., nonfarm business .....		....do....	95.4	96.4	96.4	96.1	96.9	...	...	...	...	...	-0.3	0.8	346
370. Output per hour, private business sector .....		....do....	100.7	101.0	100.3	101.2	102.2	...	...	...	...	...	0.9	1.0	370
C. Labor Force, Employment, and Unemployment																
441. Total civilian labor force		Millions....	108.67	110.20	110.09	110.63	110.97	111.13	110.55	110.35	-0.5	0.	0.5	0.3	441	
442. Total civilian employment .....		....do....	100.40	99.53	99.72	99.60	99.14	99.09	99.10	99.06	0.	0.	-0.1	-0.5	442
37. Number of persons unemployed		Thousands....	8,273	10,678	10,369	11,025	11,839	12,036	11,446	11,490	-4.9	0.4	6.3	7.4	37	
444. Unemployed males, 20 years and over .....		....do....	3,615	5,089	4,868	5,320	5,829	5,909	5,597	5,749	-5.3	2.7	9.3	9.6	444
445. Unemployed females, 20 years and over .....		....do....	2,895	3,613	3,554	3,684	3,961	4,071	3,963	3,925	-2.7	-1.0	3.7	7.5	445
446. Unemployed persons, 16-19 years of age .....		....do....	1,763	1,977	1,947	2,020	2,049	2,056	1,886	1,815	-8.3	-3.8	3.7	1.4	446
Labor Force Participation Rates:																
451. Males, 20 years and over ²		Percent....	79.0	78.7	78.8	78.8	78.8	78.7	78.1	78.2	-0.6	0.1	0.	0.	451	
452. Females, 20 years and over ² .....		....do....	52.1	52.7	52.7	53.0	52.9	53.1	52.9	52.9	-0.2	0.	0.3	-0.1	452
453. Both sexes, 16-19 years of age ² .....		....do....	55.4	54.1	54.1	53.9	54.1	53.9	53.5	52.7	-0.4	-0.8	-0.2	0.2	453
D. Government Activities																
D1. Receipts and Expenditures																
501. Federal Government receipts		A.r., bil. dol.	628.2	614.2	617.0	613.7	616.1	...	...	...	...	...	-0.5	0.4	501
502. Federal Government expenditures .....		....do....	688.2	763.4	736.6	769.7	819.2	...	...	...	...	...	4.5	6.4	502
503. Federal Government surplus or deficit ² .....		....do....	-60.0	-149.3	-119.6	-156.0	-203.1	...	...	...	...	...	-36.4	-47.1	500
511. State and local government receipts .....		....do....	416.8	437.3	434.3	440.5	450.2	...	...	...	...	...	1.4	2.2	511
512. State and local government expenditures .....		....do....	385.0	405.1	402.2	408.2	413.5	...	...	...	...	...	1.5	1.3	512
510. State and local govt. surplus or deficit ² .....		....do....	31.7	32.2	32.1	32.3	36.6	...	...	...	...	...	0.2	4.3	510
D2. Defense Indicators																
517. Defense Department obligations		Mil. dol....	15,945	18,908	18,694	17,501	19,824	24,396	21,340	NA	-12.5	NA	-6.4	13.3	517	
525. Military prime contract awards .....		....do....	8,065	10,718	11,490	9,278	10,977	17,298	NA	NA	-19.3	18.3	525		
548. New orders, defense products .....		....do....	4,855	6,066	5,462	4,778	7,074	11,309	8,882	5,951	-21.5	-33.8	-12.5	48.1	548
564. National defense purchases		A.r., bil. dol.	153.7	178.6	176.2	182.7	189.3	...	...	...	...	...	3.7	3.6	564
E. U.S. International Transactions																
E1. Merchandise Trade																
602. Exports, total except military aid		Mil. dol....	19,456	17,694	18,317	17,614	16,290	16,347	17,393	NA	6.4	NA	-3.8	-7.5	602	
604. Exports of agricultural products .....		....do....	3,608	3,053	3,420	2,733	2,700	2,637	3,128	NA	18.6	NA	-20.1	-1.2	604
606. Exports of nonelectrical machinery .....		....do....	4,456	4,007	4,033	4,119	3,745	3,719	3,644	NA	-2.0	NA	2.1	-9.1	606
612. General imports, total .....		....do....	21,751	20,320	19,995	21,211	19,667	18,717	19,429	NA	3.8	NA	6.1	-7.3	612
614. Imports of petroleum and products .....		....do....	6,319	4,964	4,310	5,419	4,961	4,694	4,166	NA	-11.2	NA	25.7	-8.5	614
616. Imports of automobiles and parts .....		....do....	2,190	2,442	2,600	2,540	2,254	2,189	2,329	NA	6.4	NA	-2.3	-11.3	616

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

Series title	Unit of measure	Basic data ¹								Percent change			Series number	
		Average			3d Q 1981	4th Q 1981	1st Q 1982	2d Q 1982	3d Q 1982	4th Q 1982	1st Q to 2d Q 1982	2d Q to 3d Q 1982	3d Q to 4th Q 1982	
		1980	1981	1982										
II. OTHER IMPORTANT ECONOMIC MEASURES—Con.														
E2. Goods and Services Movements Except Transfers Under Military Grants														
618. Merchandise exports	Mil. dol.	56,059	59,064	52,753	57,694	57,593	55,607	55,001	52,334	48,071	-1.1	-4.8	-8.1	618
620. Merchandise imports	do.	62,394	66,036	61,836	65,539	66,778	61,545	60,763	64,829	60,207	-1.3	6.7	-7.1	620
622. Merchandise trade balance ²	do.	-6,334	-6,972	-9,083	-7,845	-9,185	-5,938	-5,762	-12,495	-12,136	176	-6,733	359	622
651. Income on U.S. investments abroad	do.	18,171	21,486	21,475	22,048	21,727	20,896	22,568	21,626	20,811	8.0	-4.2	-3.8	651
652. Income on foreign investment in the U.S.	do.	10,694	13,227	14,296	13,865	13,198	14,029	14,874	14,544	13,735	6.0	-2.2	-5.6	652
668. Exports of goods and services	do.	85,526	93,223	87,522	92,965	92,259	90,014	91,088	87,132	81,855	1.2	-4.3	-6.1	668
669. Imports of goods and services	do.	83,451	90,454	87,579	90,406	91,316	86,932	87,160	90,697	85,527	0.3	4.1	-5.7	669
667. Balance on goods and services ²	do.	2,074	2,770	-57	2,559	943	3,082	3,928	-3,565	-3,672	846	-7,493	-107	667
A. National Income and Product														
A1. GNP and Personal Income														
50. GNP in 1972 dollars	A.r., bil. dol.	1474.0	1502.6	1476.9	1510.4	1490.1	1470.7	1478.4	1481.1	1477.2	0.5	0.2	-0.3	50
200. GNP in current dollars	do.	2633.3	2937.9	3059.3	2980.9	3003.2	2995.5	3045.2	3088.2	3108.2	1.7	1.4	0.6	200
213. Final sales, 1972 dollars	do.	1479.0	1493.7	1486.0	1493.9	1485.3	1486.1	1482.7	1477.8	1497.5	-0.2	-0.3	1.3	213
224. Disposable personal income, current dollars	do.	1824.1	2029.1	2172.7	2060.0	2101.4	2117.1	2151.5	2198.1	2224.3	1.6	2.2	1.2	224
225. Disposable personal income, 1972 dollars	do.	1018.0	1043.1	1054.8	1048.8	1051.9	1046.9	1054.8	1058.3	1059.1	0.8	0.3	0.1	225
217. Per capita GNP in 1972 dollars	A.r., dollars	6,475	6,537	6,364	6,563	6,458	6,360	6,380	6,375	6,342	0.3	-0.1	-0.5	217
227. Per capita disposable pers. income, 1972 dol.	do.	4,472	4,538	4,545	4,557	4,559	4,527	4,552	4,555	4,547	0.6	0.1	-0.2	227
A2. Personal Consumption Expenditures														
231. Total, 1972 dollars	A.r., bil. dol.	930.5	947.6	956.9	951.4	943.4	949.1	955.0	956.3	967.0	0.6	0.1	1.1	231
233. Durable goods, 1972 dollars	do.	137.1	140.0	138.8	142.2	134.1	137.5	138.3	136.4	142.8	0.6	-1.4	4.7	233
238. Nondurable goods, 1972 dollars	do.	355.8	362.4	365.0	363.0	363.1	362.2	364.5	365.9	367.6	0.6	0.4	0.5	238
239. Services, 1972 dollars	do.	437.6	445.2	453.1	446.2	446.2	449.5	452.2	454.0	456.6	0.6	0.4	0.6	239
230. Total, current dollars	do.	1667.2	1843.2	1971.1	1868.8	1884.5	1919.4	1947.8	1986.3	2030.8	1.5	2.0	2.2	230
232. Durable goods, current dollars	do.	214.3	234.6	242.7	241.2	229.6	237.9	240.7	240.3	251.8	1.2	-0.2	4.8	232
236. Nondurable goods, current dollars	do.	670.4	734.5	762.1	741.3	746.5	749.1	755.0	768.4	775.7	0.8	1.8	1.0	236
237. Services, current dollars	do.	782.5	874.1	966.3	886.3	908.3	932.4	952.1	977.6	1003.3	2.1	2.7	2.6	237
A3. Gross Private Domestic Investment														
241. Total, 1972 dollars	do.	208.4	225.8	196.9	233.4	218.9	195.4	202.3	206.3	183.5	3.5	2.0	-11.1	241
243. Total fixed investment, 1972 dollars	do.	213.3	216.9	206.1	216.9	214.1	210.8	206.7	202.9	203.8	-1.9	-1.8	0.4	243
30. Change in business inventories, 1972 dol. ²	do.	-5.0	9.0	-9.2	16.5	4.8	-15.4	-4.4	3.4	-20.3	11.0	7.8	-23.7	30
240. Total, current dollars	do.	402.3	471.5	420.3	486.0	468.9	414.8	431.5	443.3	391.5	4.0	2.7	-11.7	240
242. Total fixed investment, current dollars	do.	412.4	451.1	444.1	454.2	455.7	450.4	447.7	438.6	439.9	-0.6	-2.0	0.3	242
245. Chg. in bus. inventories, current dol. ²	do.	-10.0	20.5	-23.8	31.8	13.2	-35.6	-16.2	4.7	-48.3	19.4	20.9	-53.0	245
A4. Government Purchases of Goods and Services														
261. Total, 1972 dollars	do.	284.6	287.1	291.3	286.4	291.3	289.2	285.3	291.1	299.5	-1.3	2.0	2.9	261
263. Federal Government, 1972 dollars	do.	106.5	110.4	116.4	110.7	116.0	114.4	110.3	116.2	124.7	-3.6	5.3	7.3	263
267. State and local governments, 1972 dollars	do.	178.1	176.7	174.9	175.7	175.3	174.9	175.0	174.9	174.8	0.1	-0.1	-0.1	267
260. Total, current dollars	do.	538.4	596.9	647.4	600.2	626.3	630.1	630.9	651.7	676.8	0.1	3.3	3.9	260
262. Federal Government, current dollars	do.	197.2	228.9	257.9	230.0	250.5	249.7	244.3	259.0	278.7	-2.2	6.0	7.6	262
266. State and local governments, current dollars	do.	341.2	368.0	389.4	370.1	375.7	380.4	386.6	392.7	398.0	1.6	1.6	1.3	266
A5. Foreign Trade														
256. Exports of goods and services, 1972 dollars	do.	159.2	158.5	148.1	157.8	156.9	151.7	154.4	147.5	138.8	1.8	-4.5	-5.9	256
257. Imports of goods and services, 1972 dollars	do.	108.6	116.4	116.3	118.7	120.4	114.7	118.7	120.0	111.6	3.5	1.1	-7.0	257
255. Net exports of goods and serv., 1972 dol. ²	do.	50.6	42.0	31.8	39.2	36.5	36.9	35.7	27.5	27.2	-1.2	-8.2	-0.3	255
252. Exports of goods and services, current dol.	do.	339.2	367.3	350.8	367.2	367.9	359.9	365.8	349.5	328.1	1.6	-4.5	-6.1	252
253. Imports of goods and services, current dol.	do.	314.0	341.3	330.3	341.3	344.4	328.6	330.9	342.5	319.1	0.7	3.5	-6.8	253
250. Net exports of goods and serv., current dol. ²	do.	25.2	26.1	20.5	25.9	23.5	31.3	34.9	6.9	9.1	3.6	-28.0	2.2	250
A6. National Income and Its Components														
220. National income	do.	2117.1	2352.5	2437.3	2387.3	2404.5	2396.9	2425.2	2455.6	2471.7	1.2	1.3	0.7	220
280. Compensation of employees	do.	1598.6	1767.6	1856.5	1789.1	1813.4	1830.8	1850.7	1868.3	1876.1	1.1	1.0	0.4	280
282. Proprietors' income with IVA and CCA ^{adj}	do.	116.3	124.7	120.3	127.5	124.1	116.4	117.3	118.4	128.9	0.8	0.9	8.9	282
286. Corporate profits with IVA and CCA ^{adj}	do.	181.6	190.6	161.5	193.1	183.9	157.1	155.4	166.2	167.5	-1.1	6.9	0.8	286
284. Rental income of persons with CCA ^{adj}	do.	32.9	33.9	34.1	33.6	33.6	33.9	34.2	34.6	33.9	0.9	1.2	-2.0	284
288. Net interest	do.	187.7	235.7	264.9	244.0	249.5	258.7	267.5	268.7	265.3	3.4	0.2	-1.0	288
A7. Saving														
290. Gross saving (private and govt.)	do.	406.2	477.5	414.7	490.0	476.3	428.8	441.5	422.4	366.2	3.0	-4.3	-13.3	290
295. Business saving	do.	332.1	374.5	389.6	379.1	389.1	380.3	384.6	394.2	399.3	1.1	2.5	1.3	295
292. Personal saving	do.	106.2	130.2	142.2	134.4	158.6	139.1	144.3	152.0	133.4	3.7	5.3	-12.2	292
298. Government surplus or deficit ²	do.	-33.2	-28.2	-117.1	-24.5	-72.5	-90.7	-87.5	-123.7	-166.4	3.2	-36.2	-42.7	298
293. Personal saving rate ³	Percent	5.8	6.4	6.5	6.5	7.5	6.6	6.7	6.9	6.0	0.1	0.2	-0.9	293

NOTE: Series are seasonally adjusted except for those indicated by (S), which appear to contain no seasonal movement. Series indicated by an asterisk (*) are included in the major composite indexes. Dollar values are in current dollars unless otherwise specified. For complete series titles (including composition of the composite indexes) and sources, see "Titles and Sources of Series" at the back of BCD. NA = not available; a = anticipated; EOP = end of period; A.r. = annual rate; S/A = seasonally adjusted (used for special emphasis); IVA = inventory valuation adjustment; CCA = capital consumption adjustment; NIA = national income accounts.

¹For a few series, data shown here have been rounded to fewer digits than those shown elsewhere in BCD. Annual figures published by the source agencies are used if available.

²Differences rather than percent changes are shown for this series.

³The three-part timing code indicates the timing classification of the series at peaks, at troughs, and at all turns: L = leading; C = roughly coincident; Lg = lagging; U = unclassified.

⁴Inverted series. Since this series tends to move counter to movements in general business activity, signs of the changes are reversed.

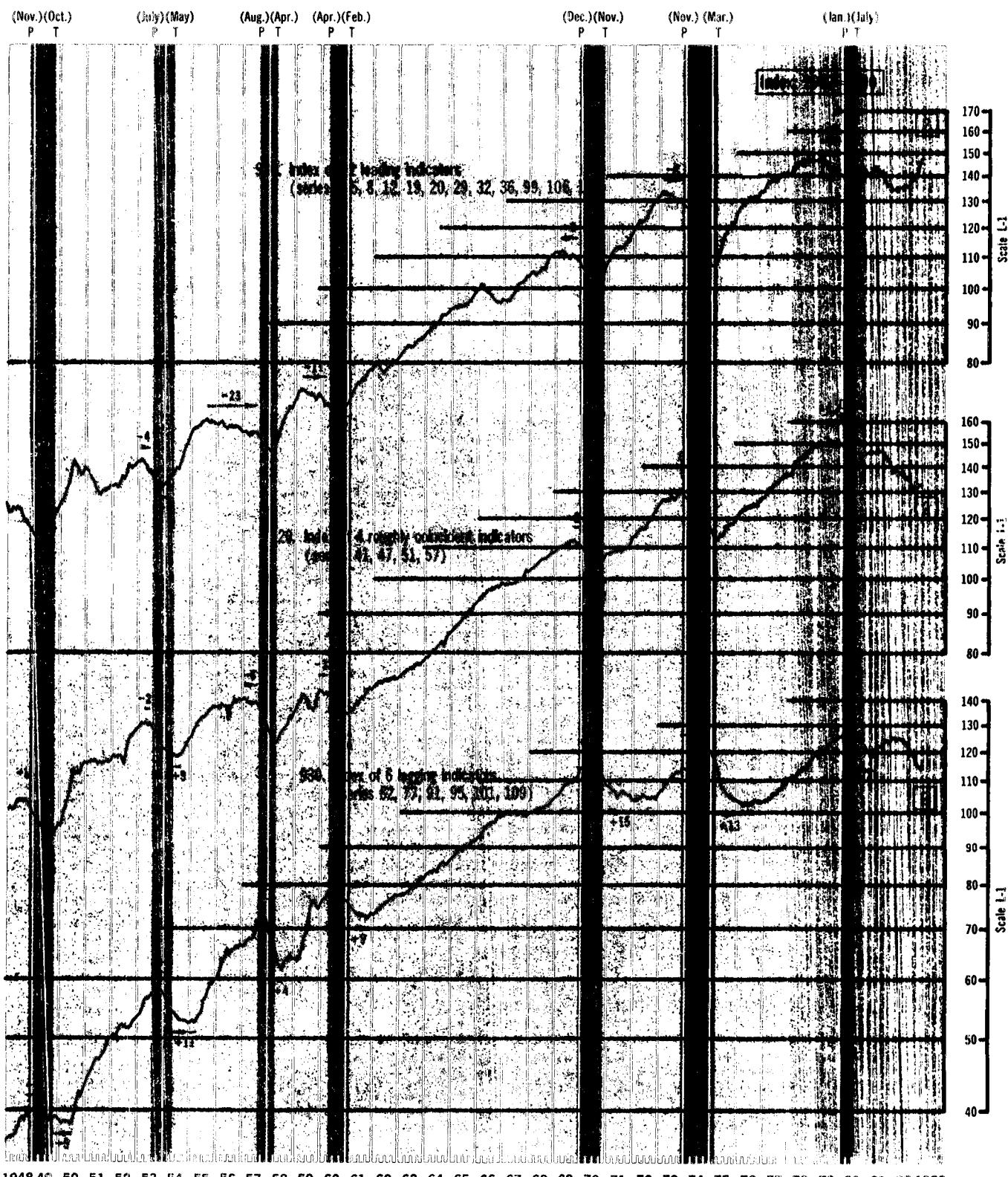
⁵End-of-period series. The annual figures (and quarterly figures for monthly series) are the last figures for the period.

⁶This series is a weighted 4-term moving average (with weights 1, 2, 2, 1) placed at the terminal month of the span.

CYCICAL INDICATORS

COMPOSITE INDEXES AND THEIR COMPONENTS

Chart A1. Composite Indexes



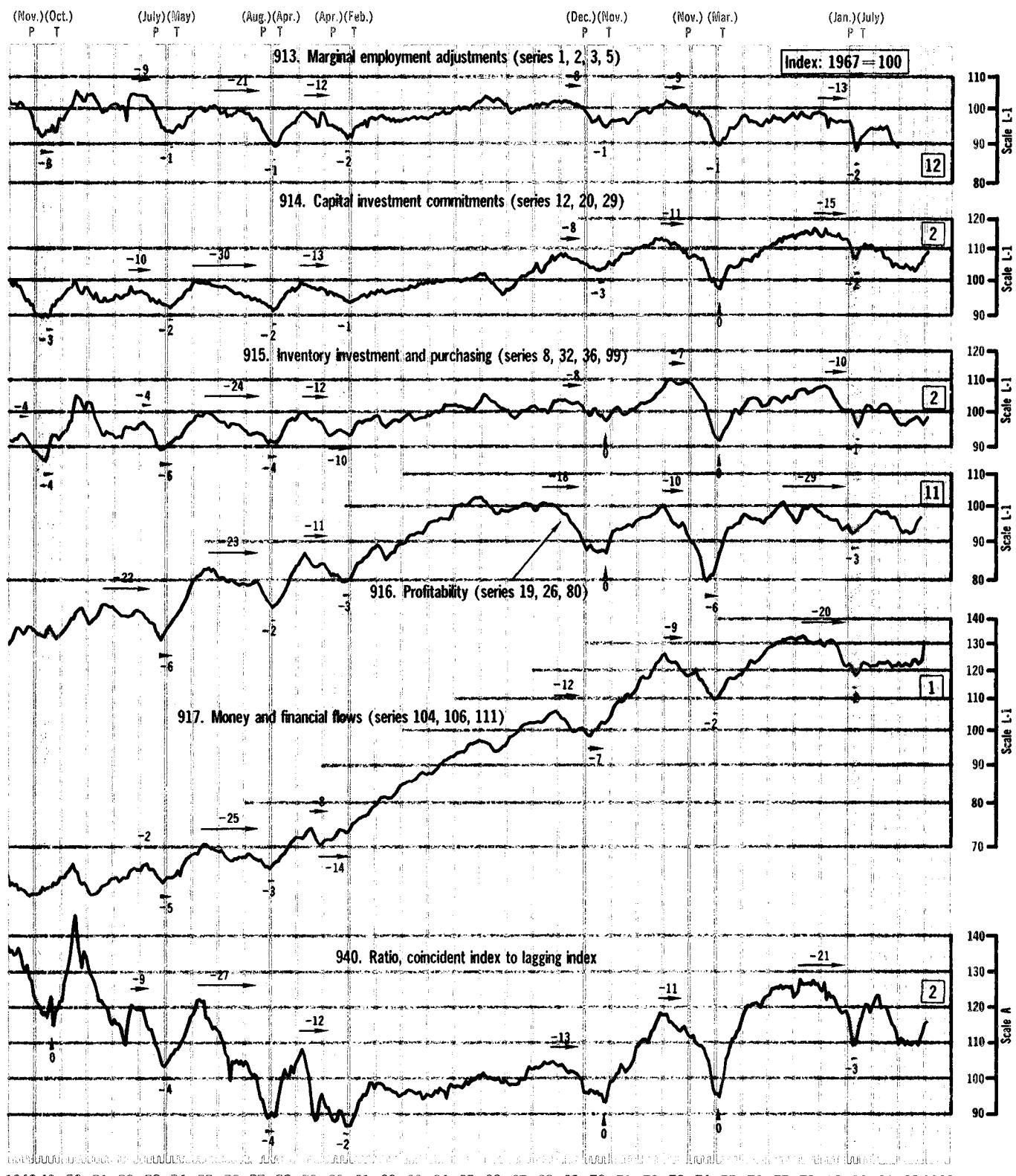
1948 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1983

NOTE: Numbers entered on the chart indicate length of leads (–) and lags (+) in months from reference turning dates. Current data for these series are shown on page 60.

CYCLICAL INDICATORS

COMPOSITE INDEXES AND THEIR COMPONENTS—Continued

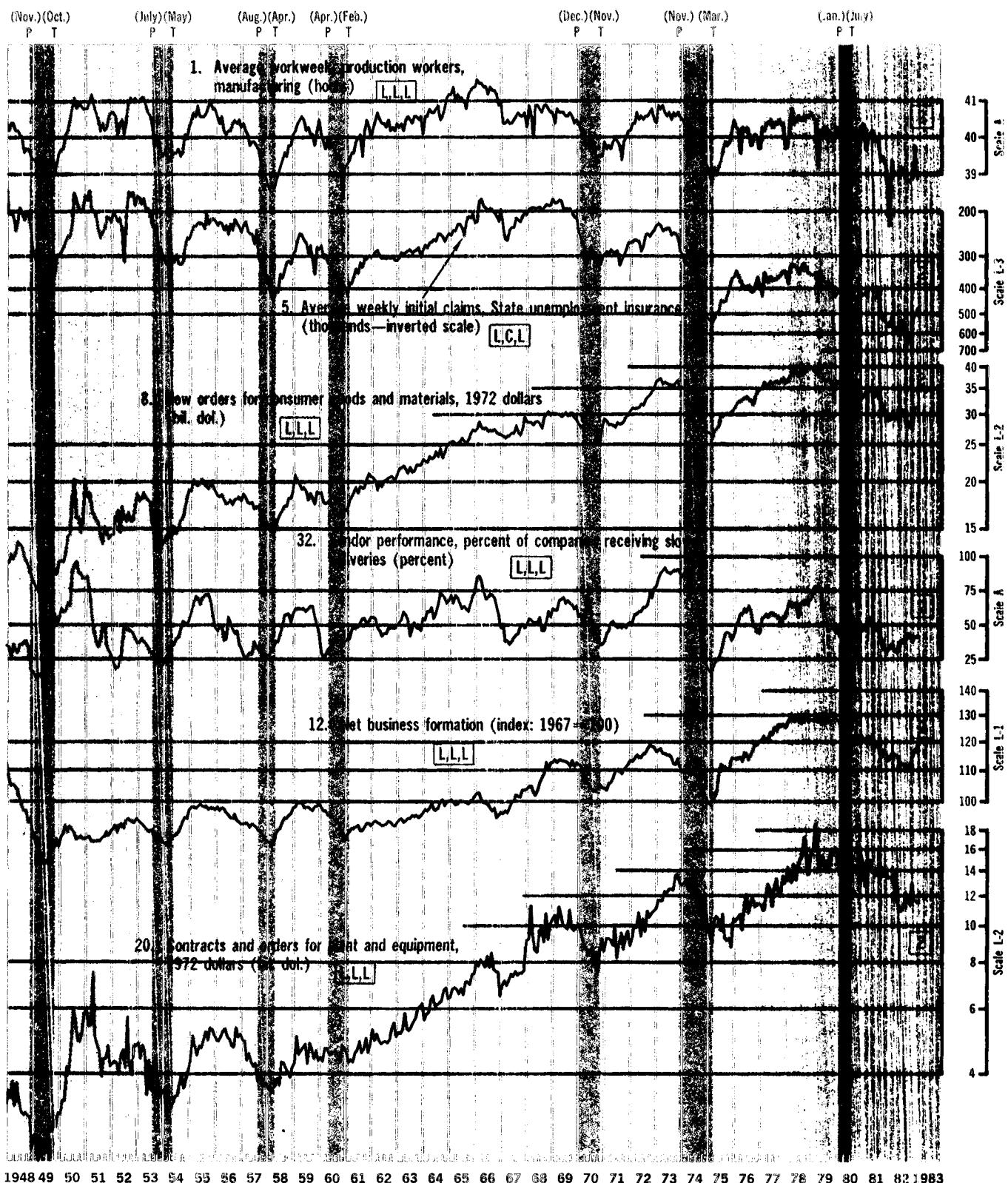
Chart A1. Composite Indexes—Continued



1948 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1983

NOTE: Numbers entered on the chart indicate length of leads (—) and lags (+) in months from reference turning dates.
Current data for these series are shown on page 60.

Chart A2. Leading Index Components



1948 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1983

Current data for these series are shown on pages 61, 64, 65, and 66.

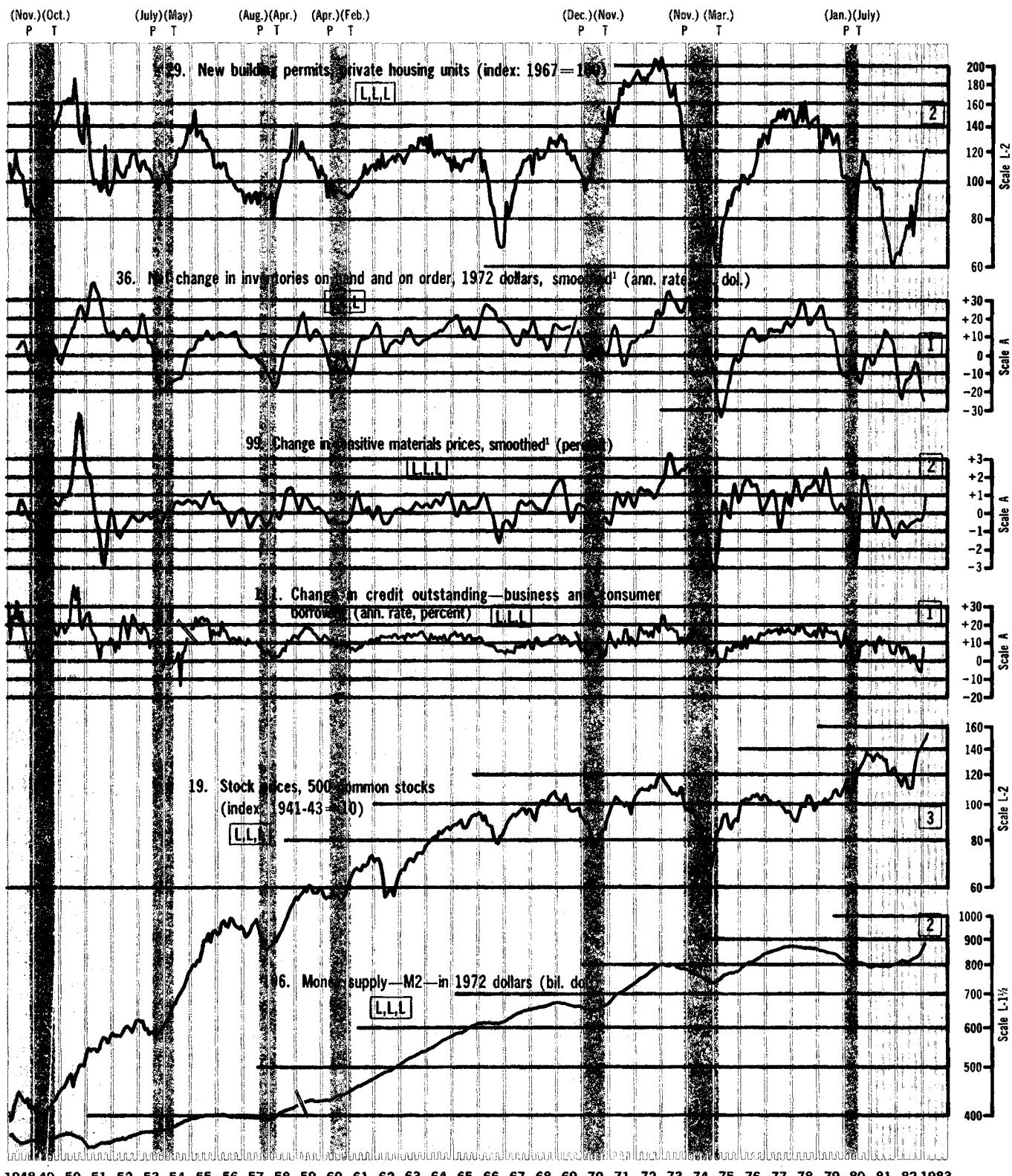
I

CYCLICAL INDICATORS

A

COMPOSITE INDEXES AND THEIR COMPONENTS—Continued

Chart A2. Leading Index Components—Continued

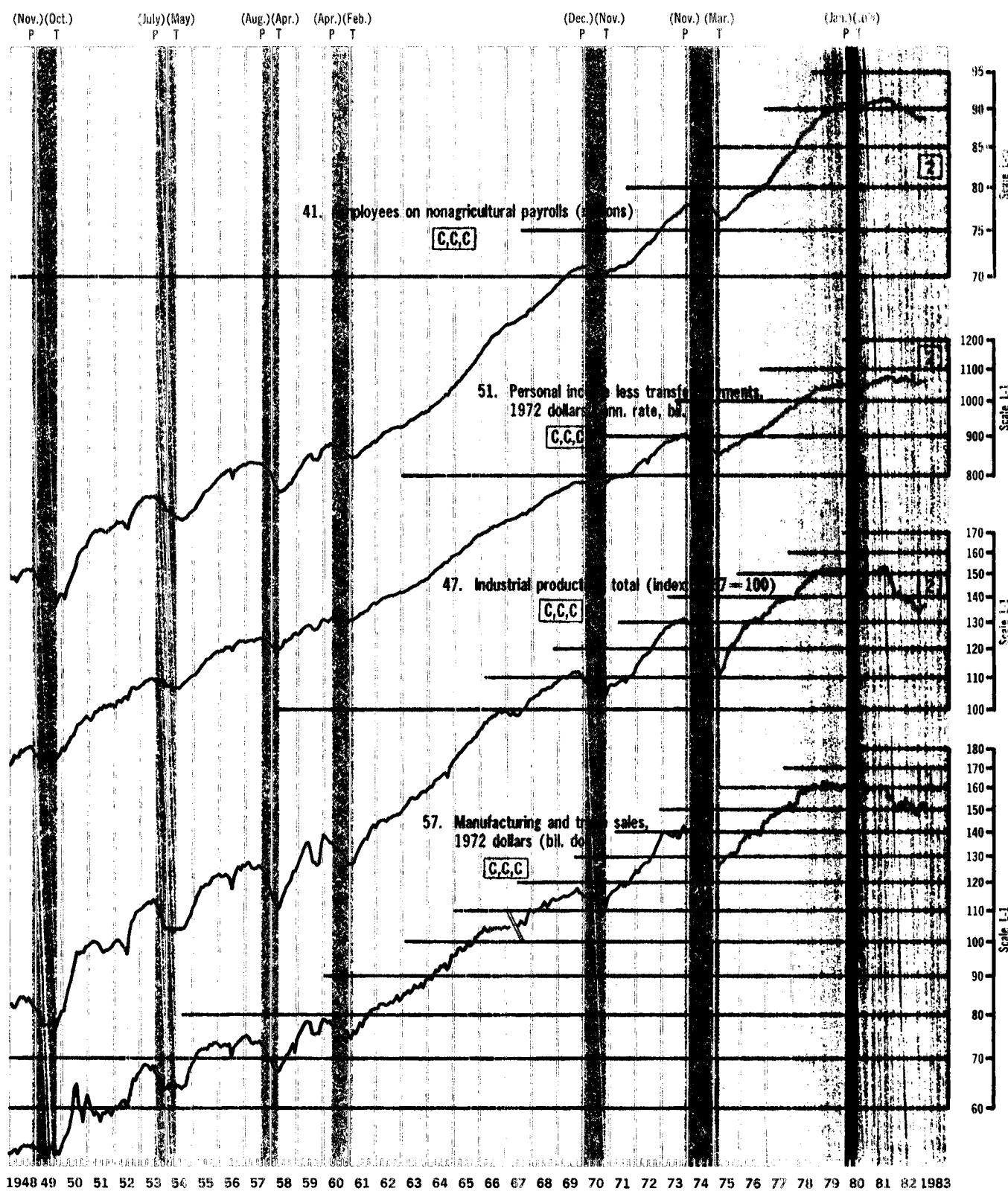


¹This is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span.
Current data for these series are shown on pages 67, 68, 69, 71, and 72.

CYCLICAL INDICATORS

COMPOSITE INDEXES AND THEIR COMPONENTS—Continued

Chart A3. Coincident Index Components

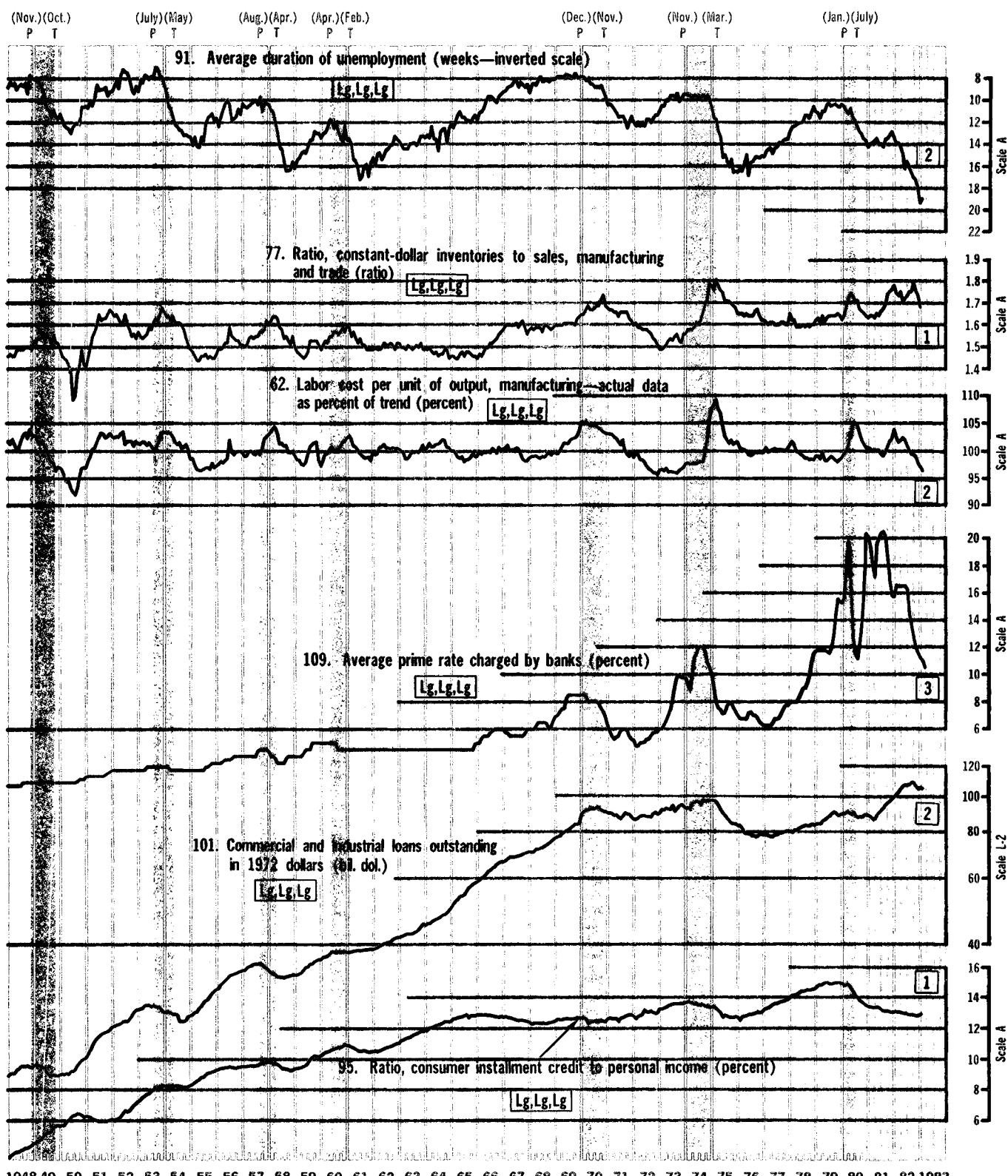


Current data for these series are shown on pages 62, 63, and 65.

CYCLICAL INDICATORS

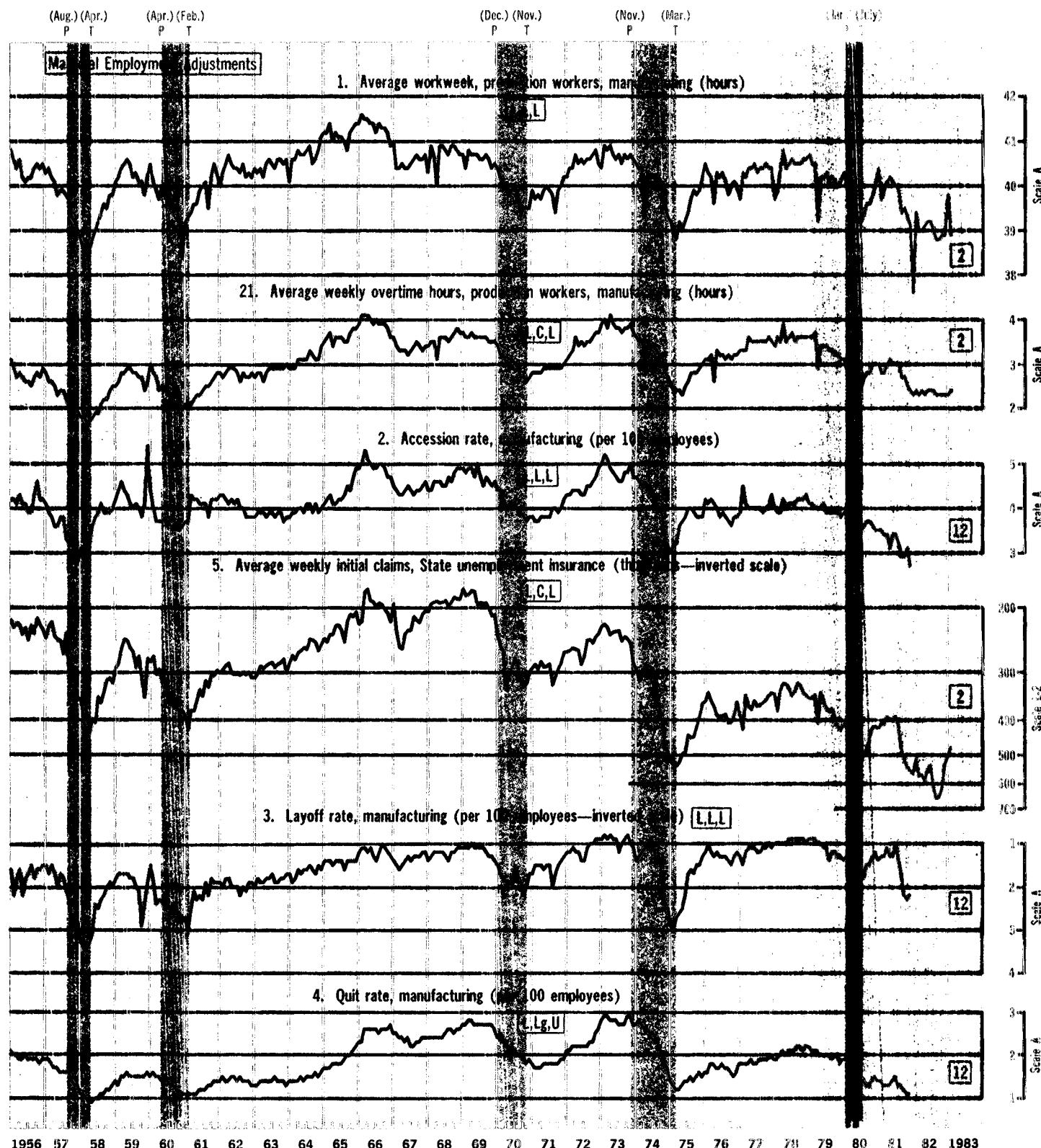
COMPOSITE INDEXES AND THEIR COMPONENTS—Continued

Chart A4. Lagging Index Components



Current data for these series are shown on pages 62, 68, 70, and 73.

Chart B1. Employment and Unemployment

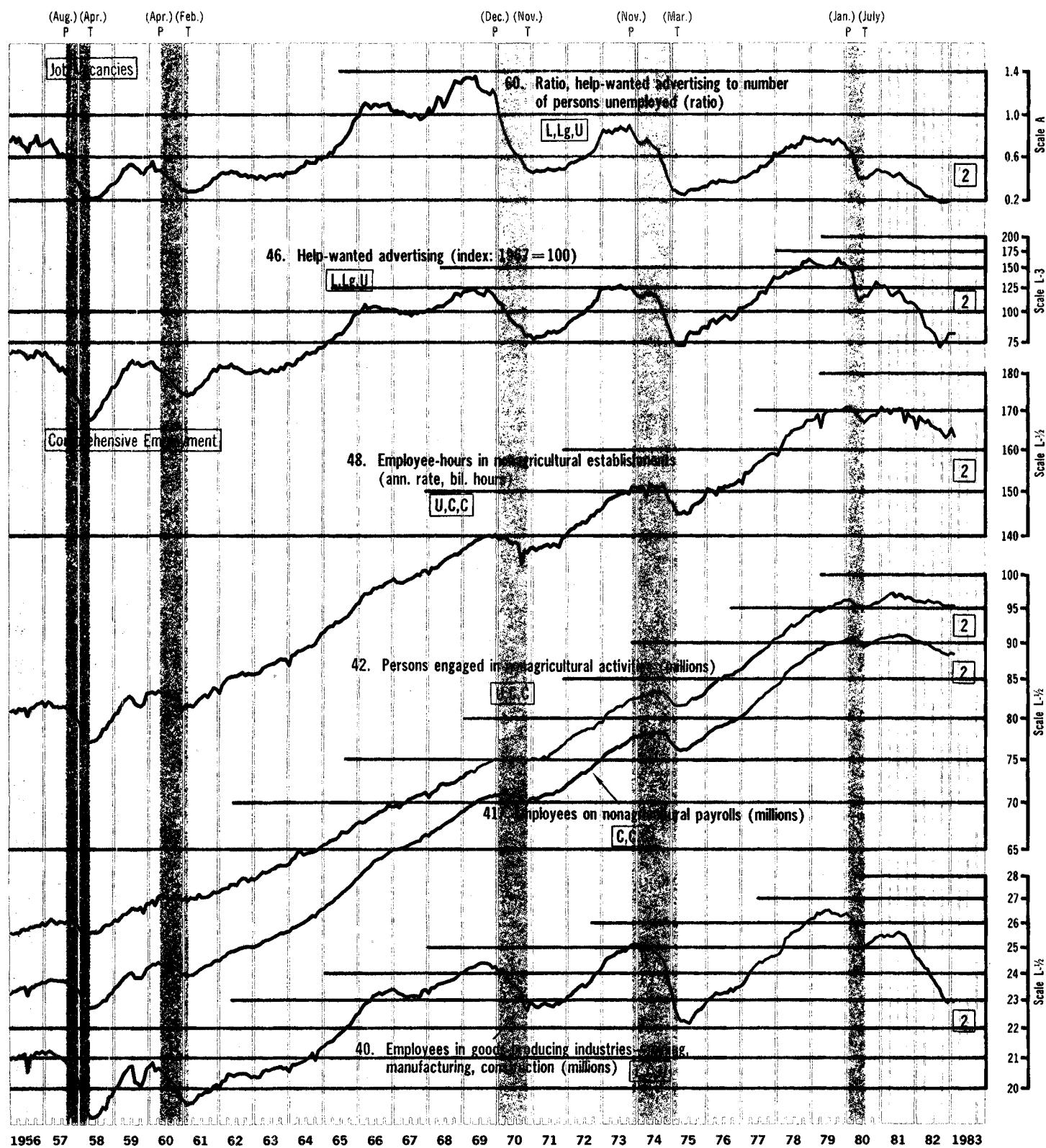


Current data for these series are shown on page 61.

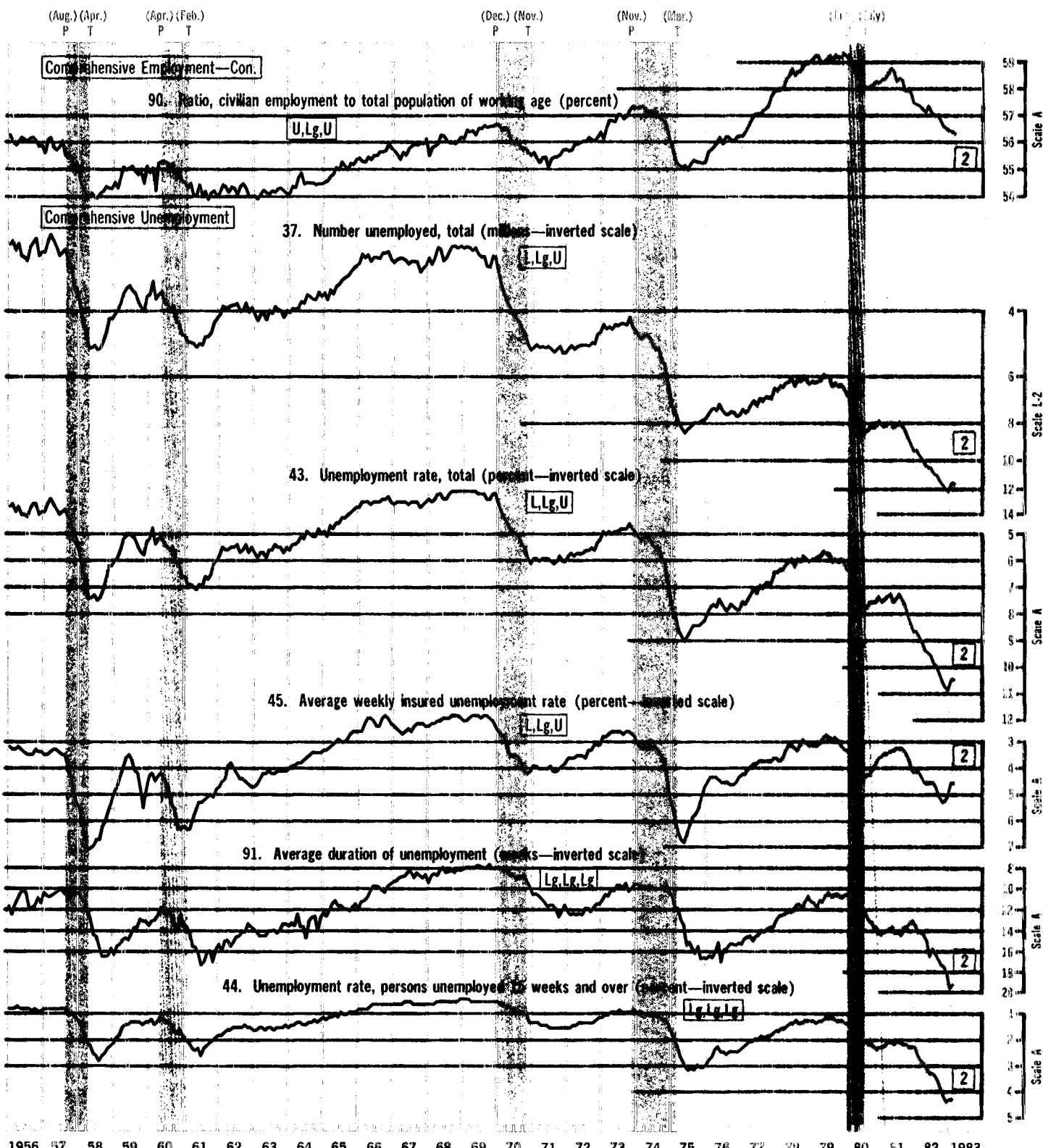
CYCICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B1. Employment and Unemployment—Continued

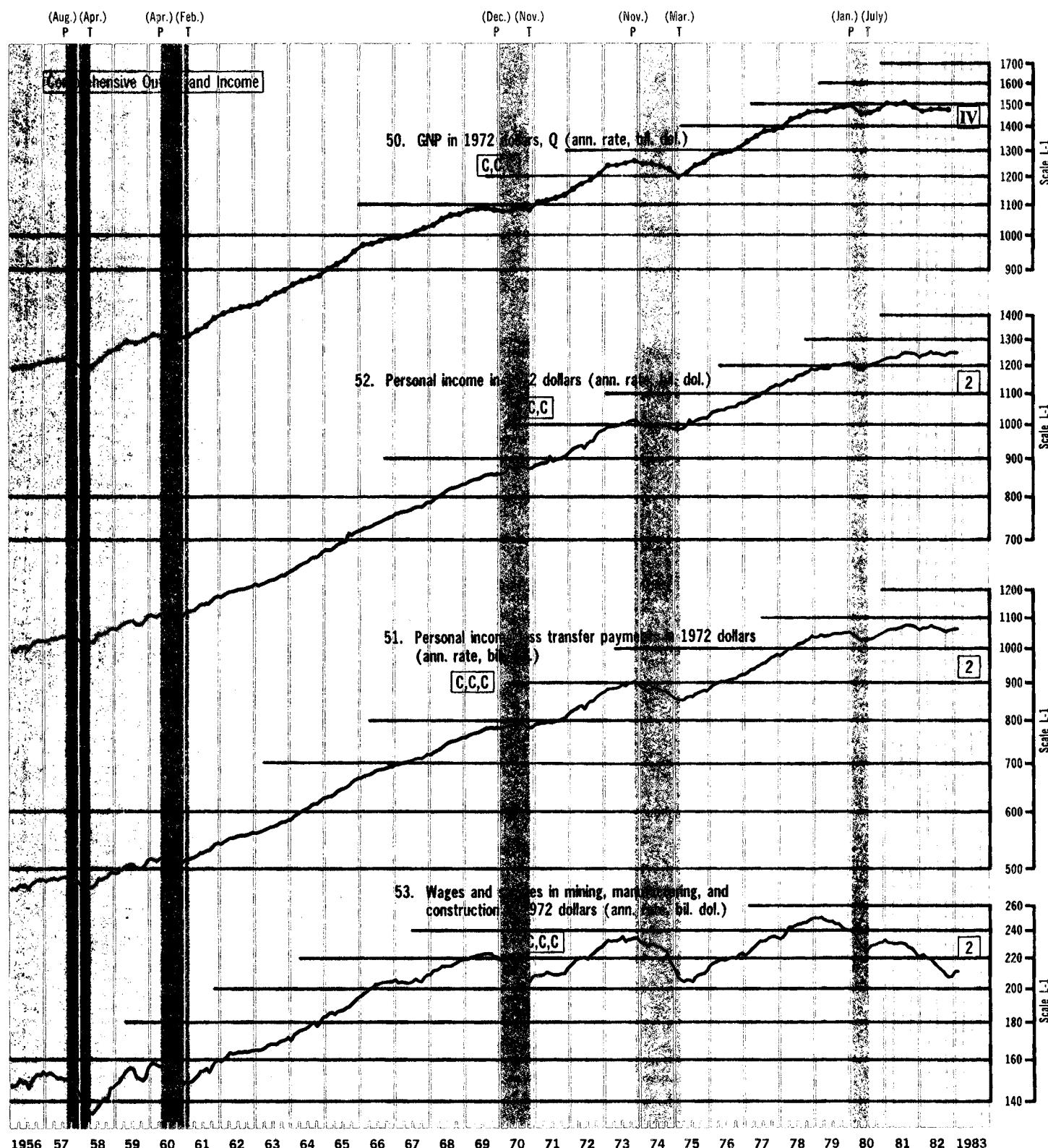


Current data for these series are shown on pages 61 and 62.

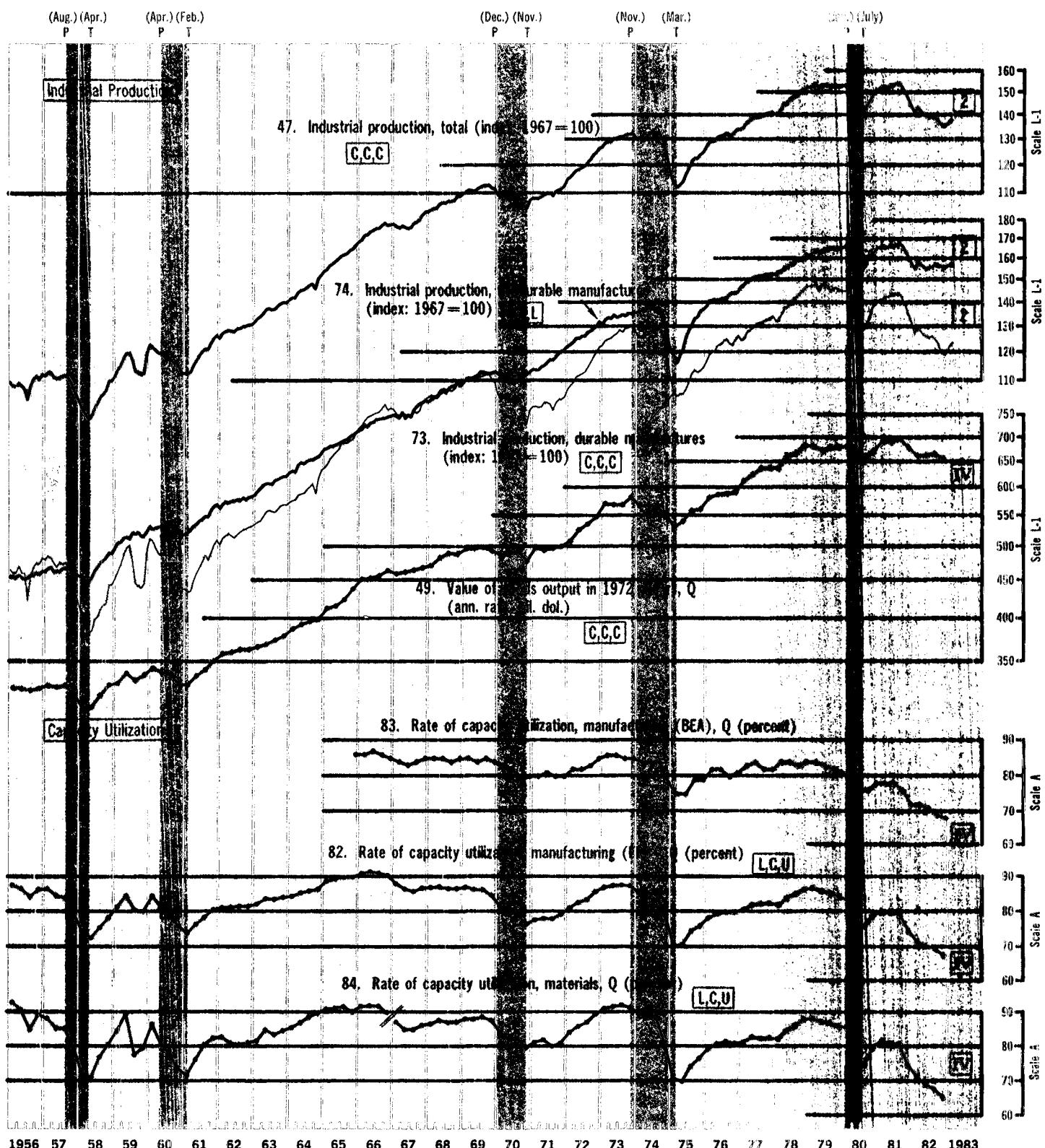
I**CYCCLICAL INDICATORS****B****CYCCLICAL INDICATORS BY ECONOMIC PROCESS—Continued****Chart B1. Employment and Unemployment—Continued**

Current data for these series are shown on page 62.

Chart B2. Production and Income



Current data for these series are shown on page 63.

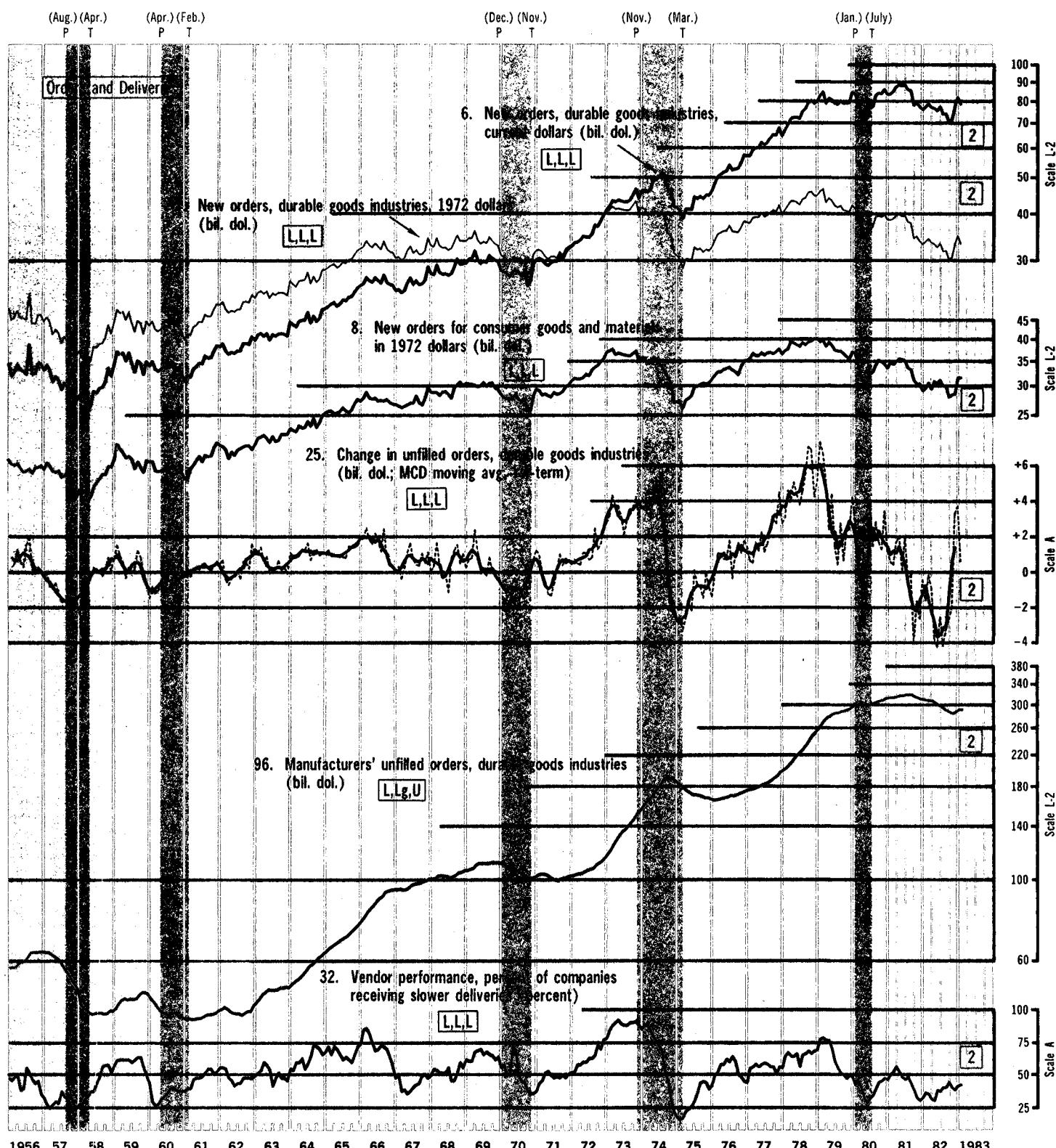
I**CYCLICAL INDICATORS****B****CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued****Chart B2. Production and Income—Continued**

Current data for these series are shown on pages 63 and 64.

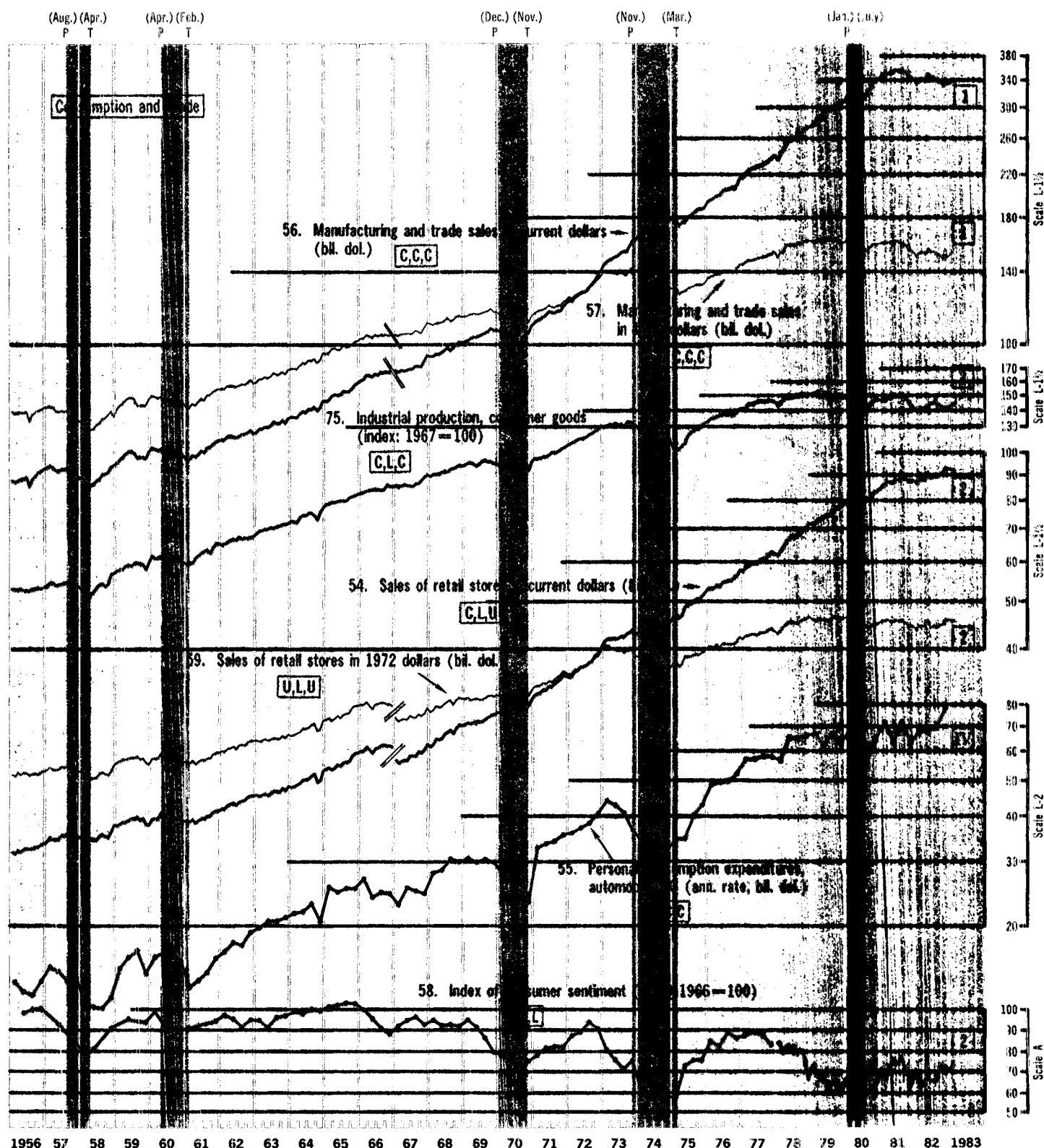
CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B3. Consumption, Trade, Orders, and Deliveries



Current data for these series are shown on page 64.

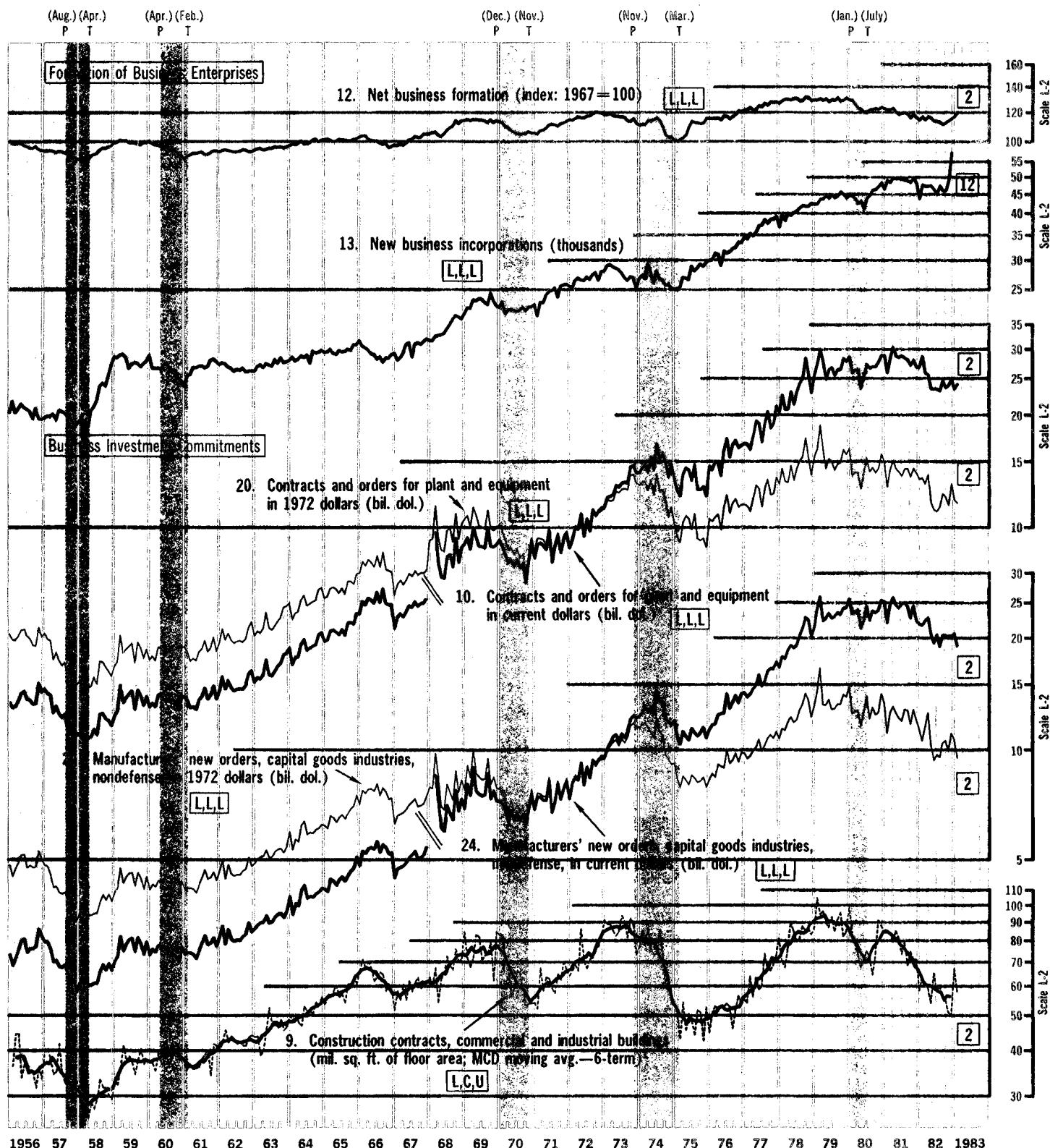
I**CYCCLICAL INDICATORS****B****CYCCLICAL INDICATORS BY ECONOMIC PROCESS—Continued****Chart B3. Consumption, Trade, Orders, and Deliveries—Continued**

Current data for these series are shown on page 65.

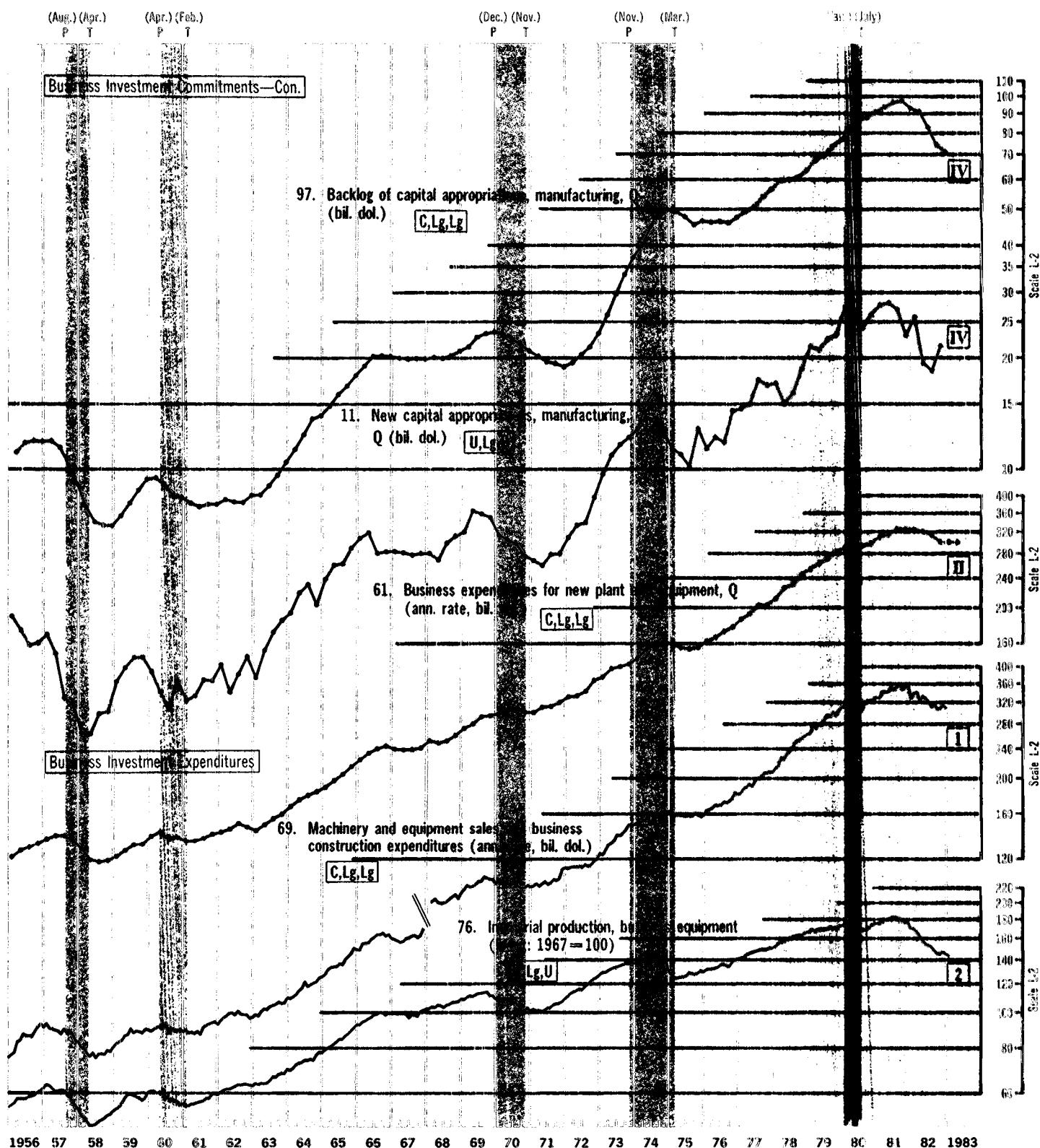
CYCCLICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B4. Fixed Capital Investment



¹This is a copyrighted series used by permission; it may not be reproduced without written permission from McGraw-Hill Information Systems Company, F.W. Dodge Division. Current data for these series are shown on pages 65 and 66.

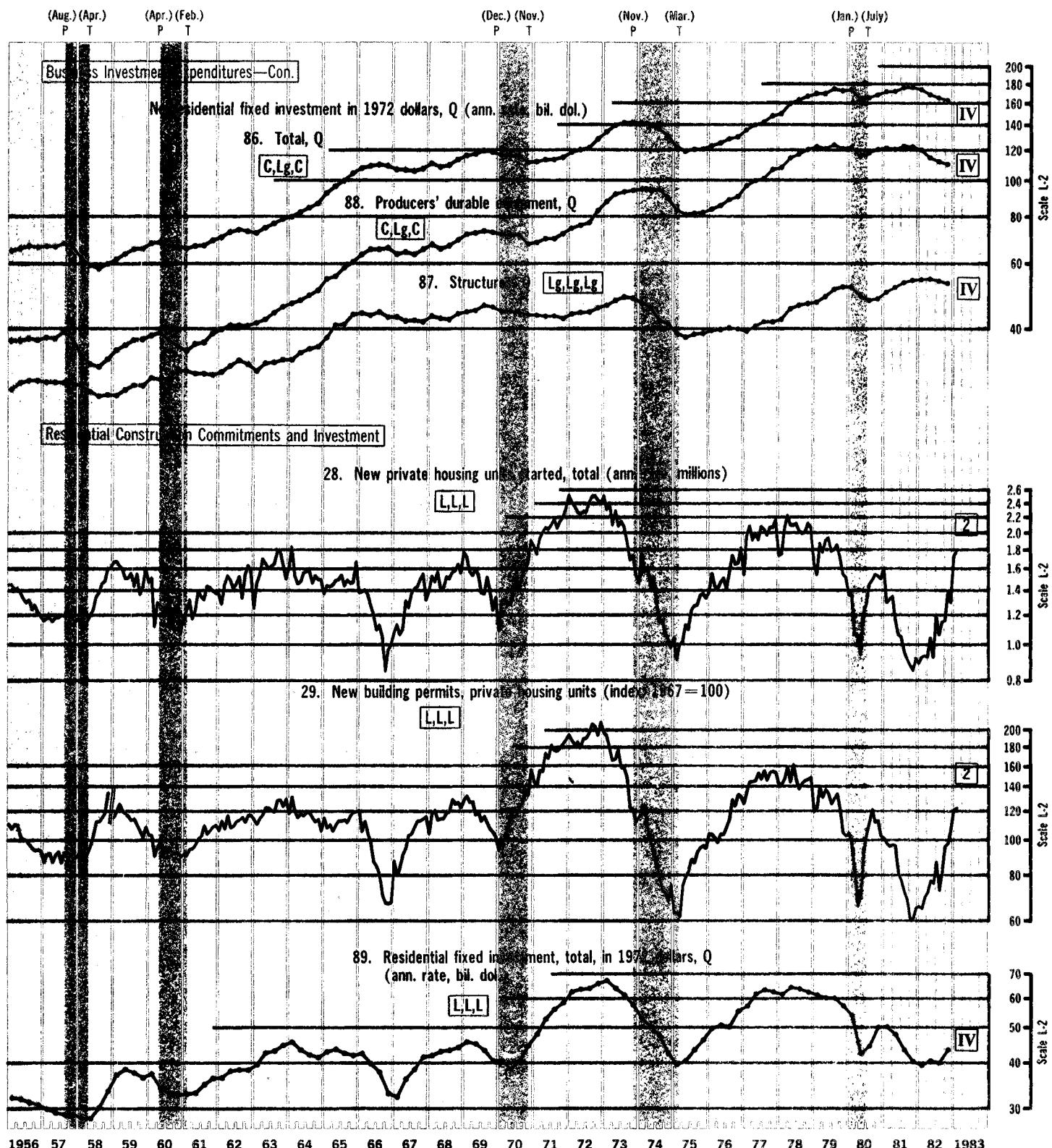
I**CYCCLICAL INDICATORS****B****CYCCLICAL INDICATORS BY ECONOMIC PROCESS—Continued****Chart B4. Fixed Capital Investment—Continued**

Current data for these series are shown on pages 66 and 67.

CYCLICAL INDICATORS

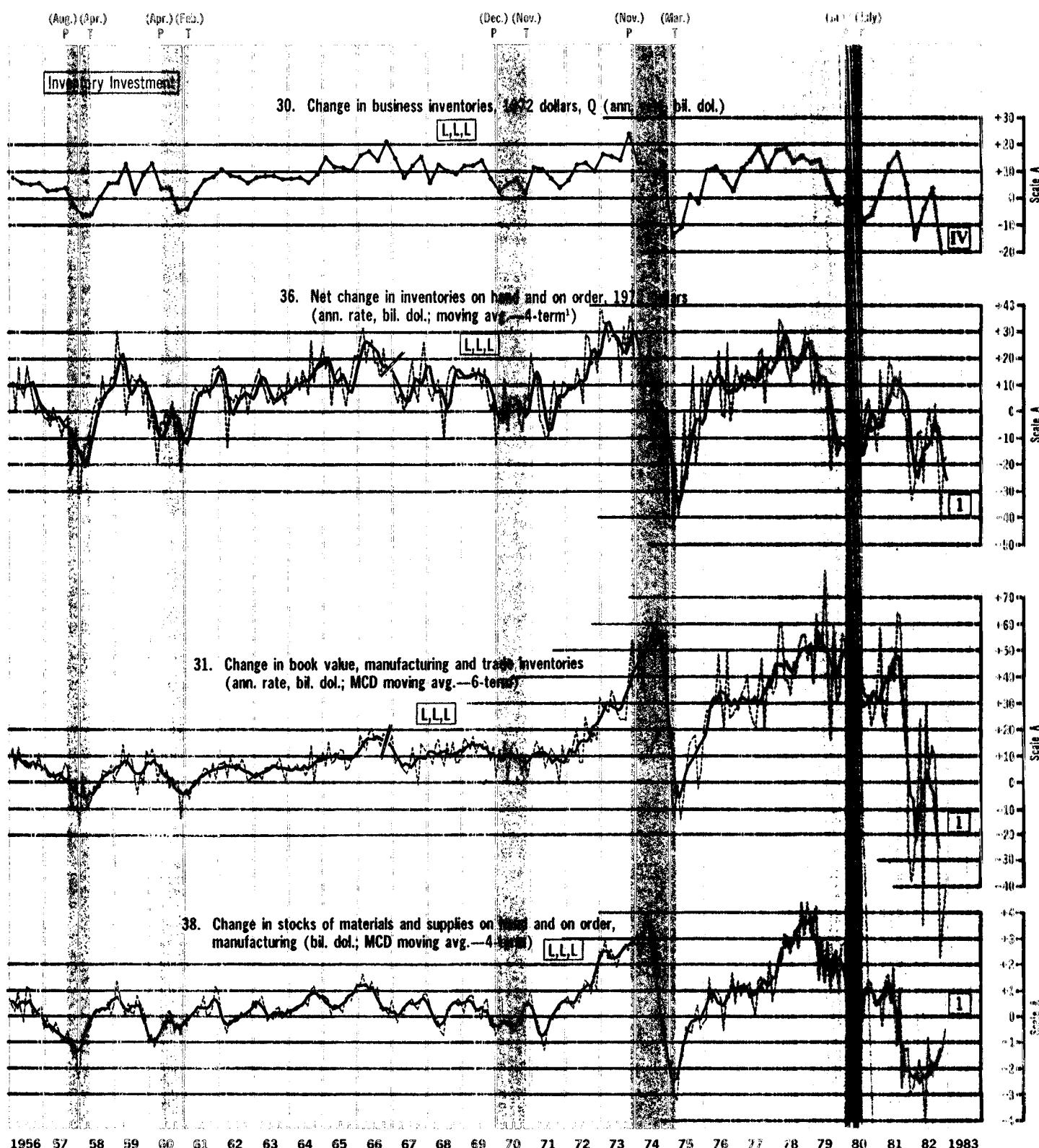
CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B4. Fixed Capital Investment—Continued



Current data for these series are shown on page 67.

Chart B5. Inventories and Inventory Investment

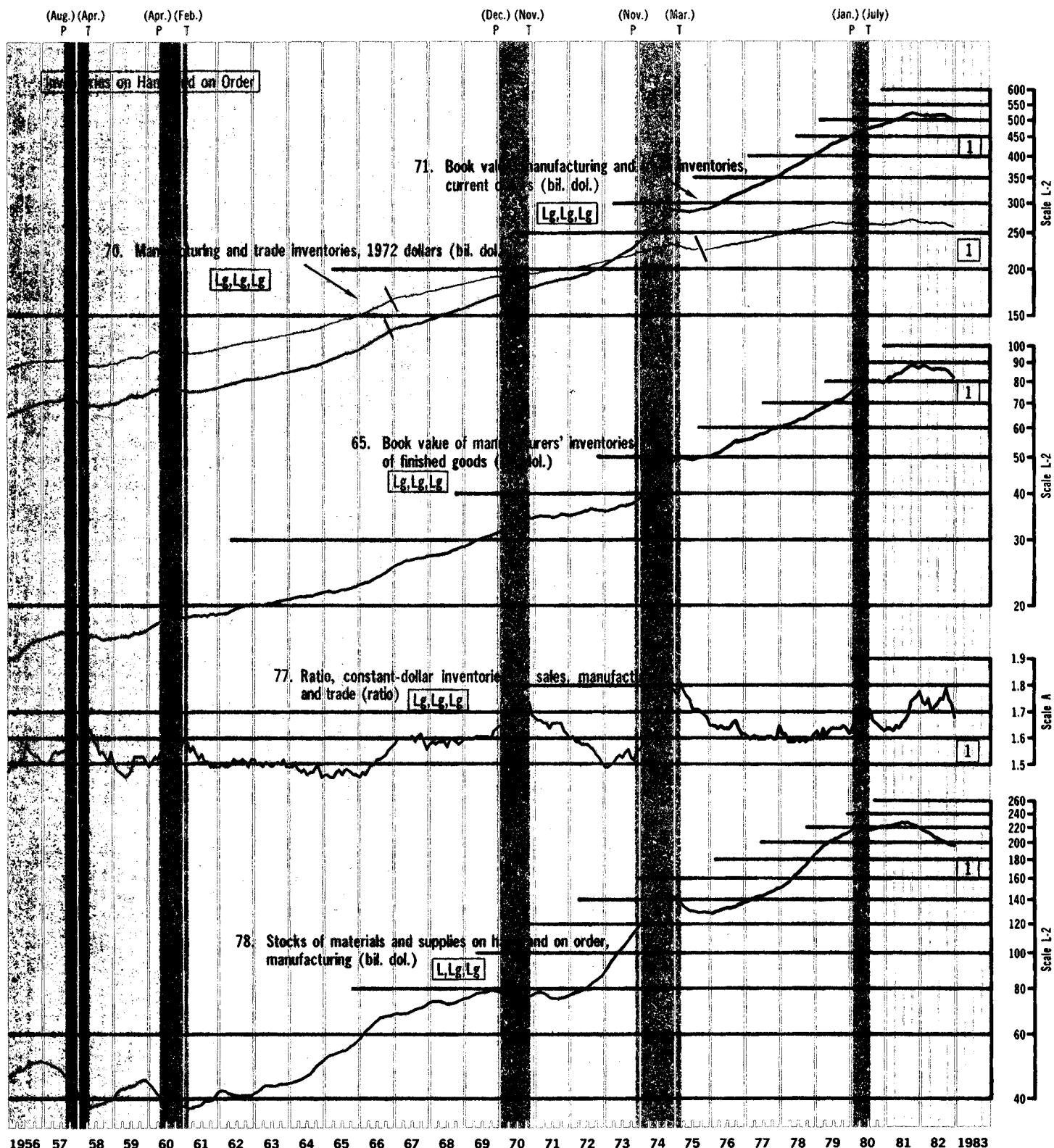


¹This is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span. Current data for these series are shown on page 68.

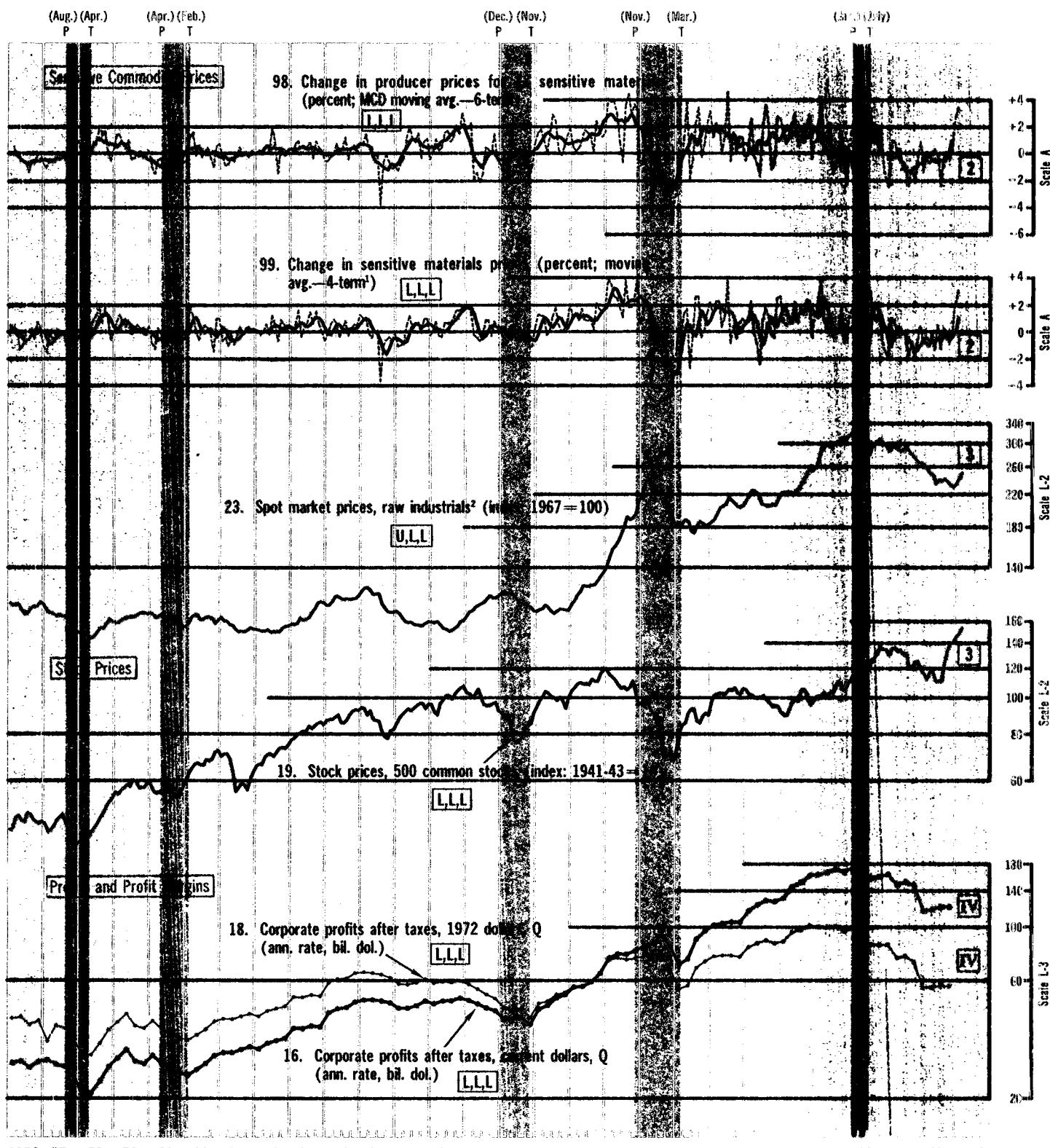
CYCICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B5. Inventories and Inventory Investment—Continued



Current data for these series are shown on page 68.

I**CYCCLICAL INDICATORS****B****CYCCLICAL INDICATORS BY ECONOMIC PROCESS—Continued****Chart B6. Prices, Costs, and Profits**

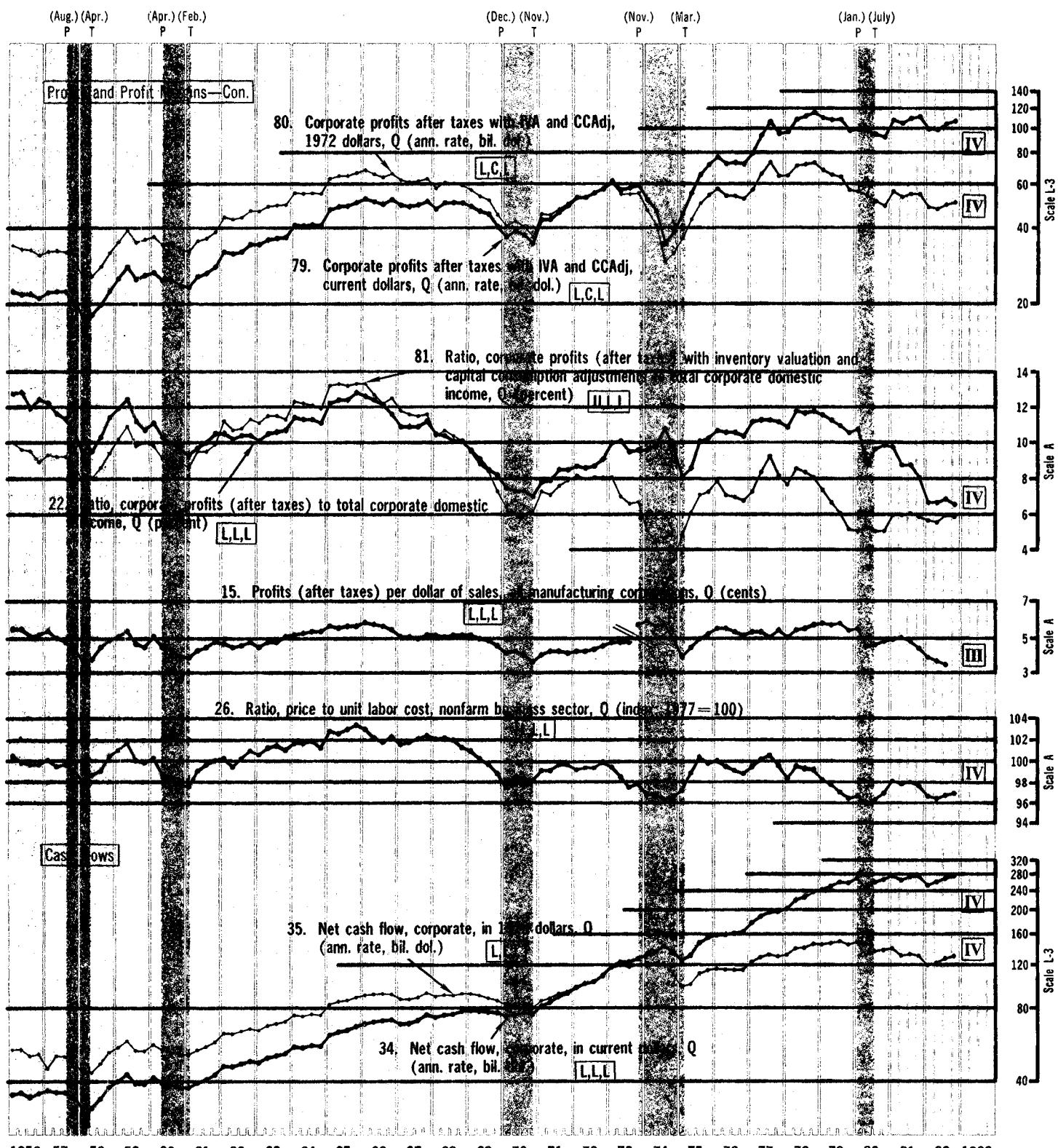
¹This is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span.
²Beginning with data for June 1981, this is a copyrighted series used by permission; it may not be reproduced without written permission from Commodity Research Bureau, Inc.

Current data for these series are shown on page 69.

CYCICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

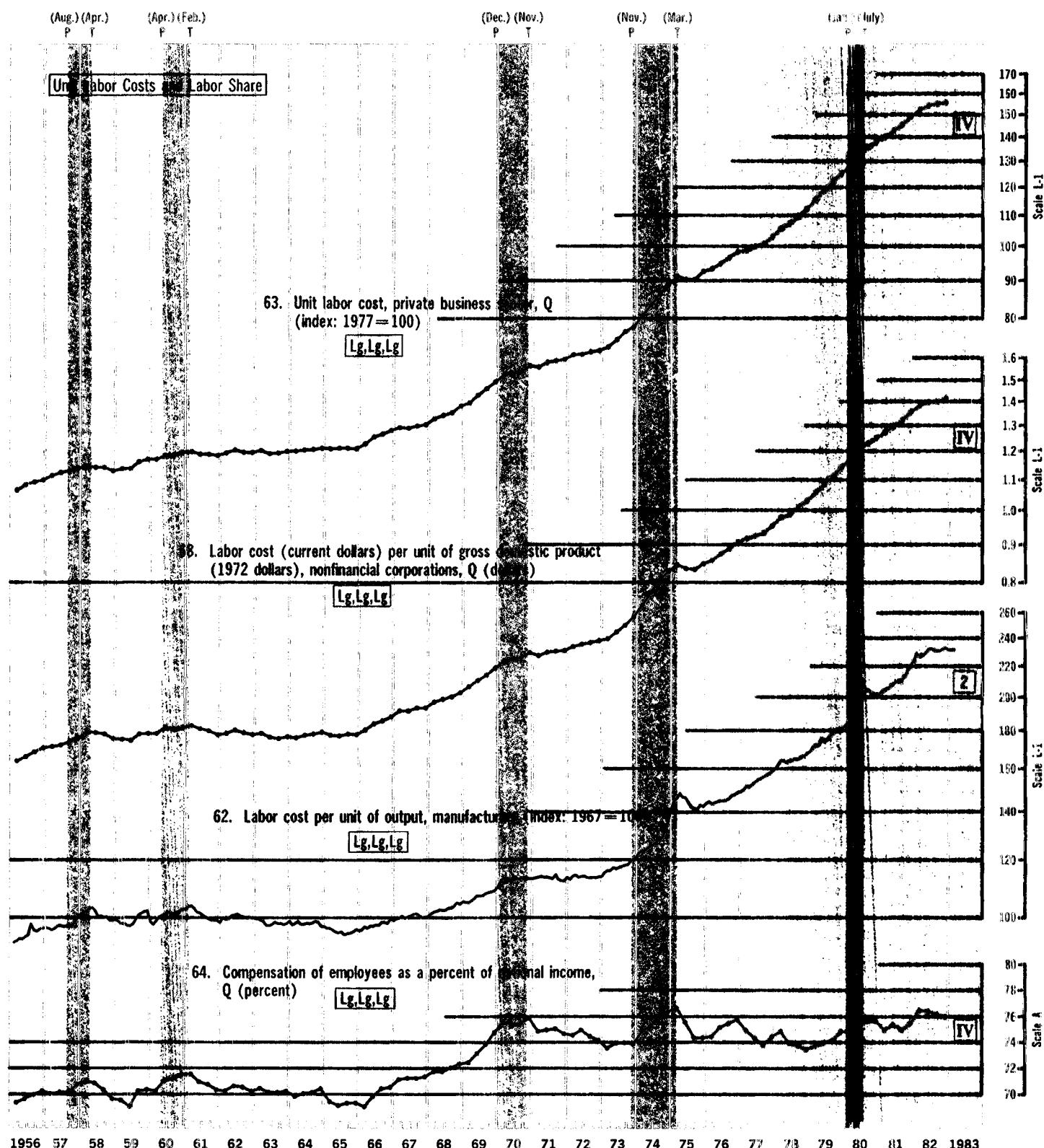
Chart B6. Prices, Costs, and Profits—Continued



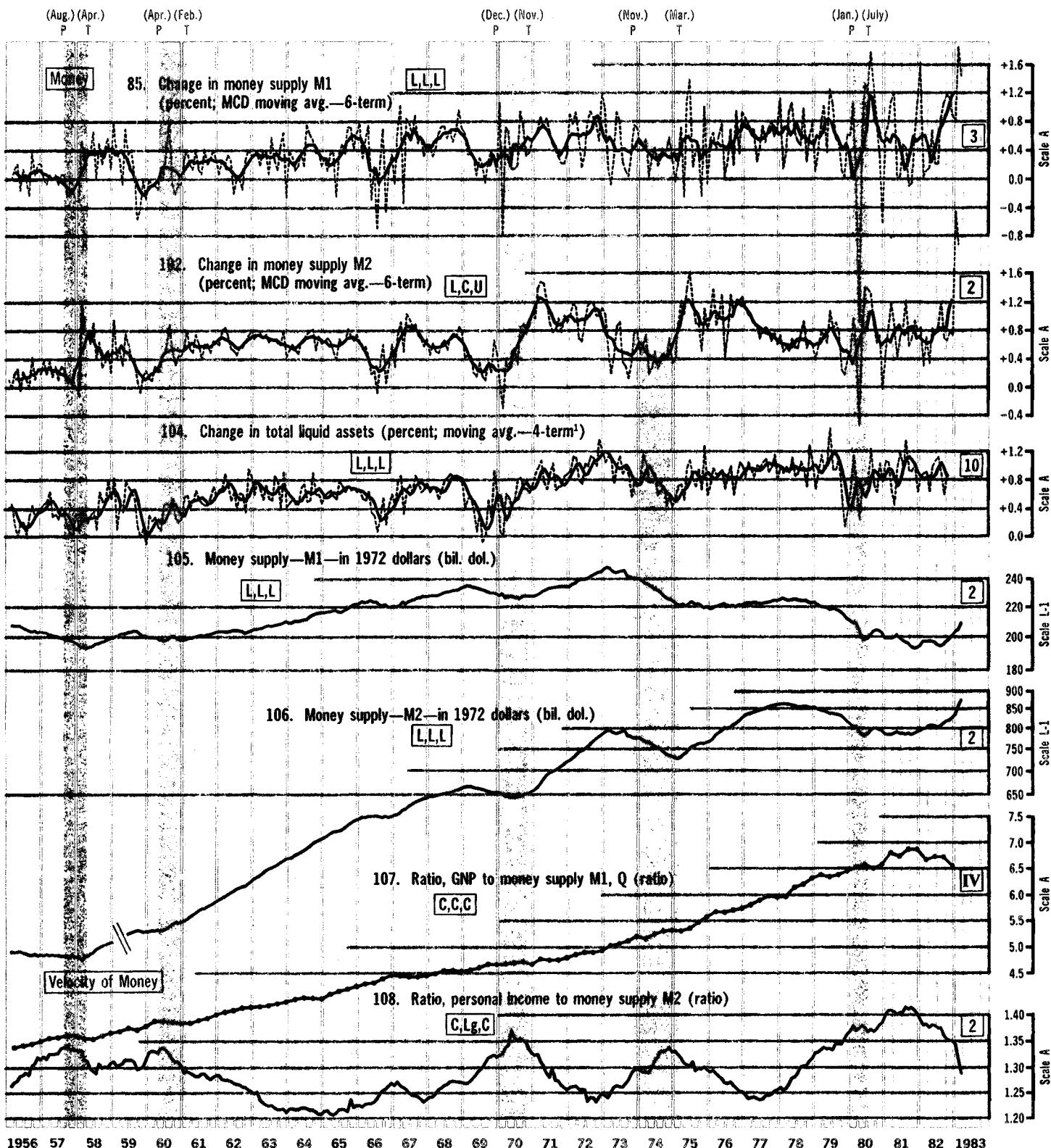
CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B6. Prices, Costs, and Profits—Continued



Current data for these series are shown on page 70.

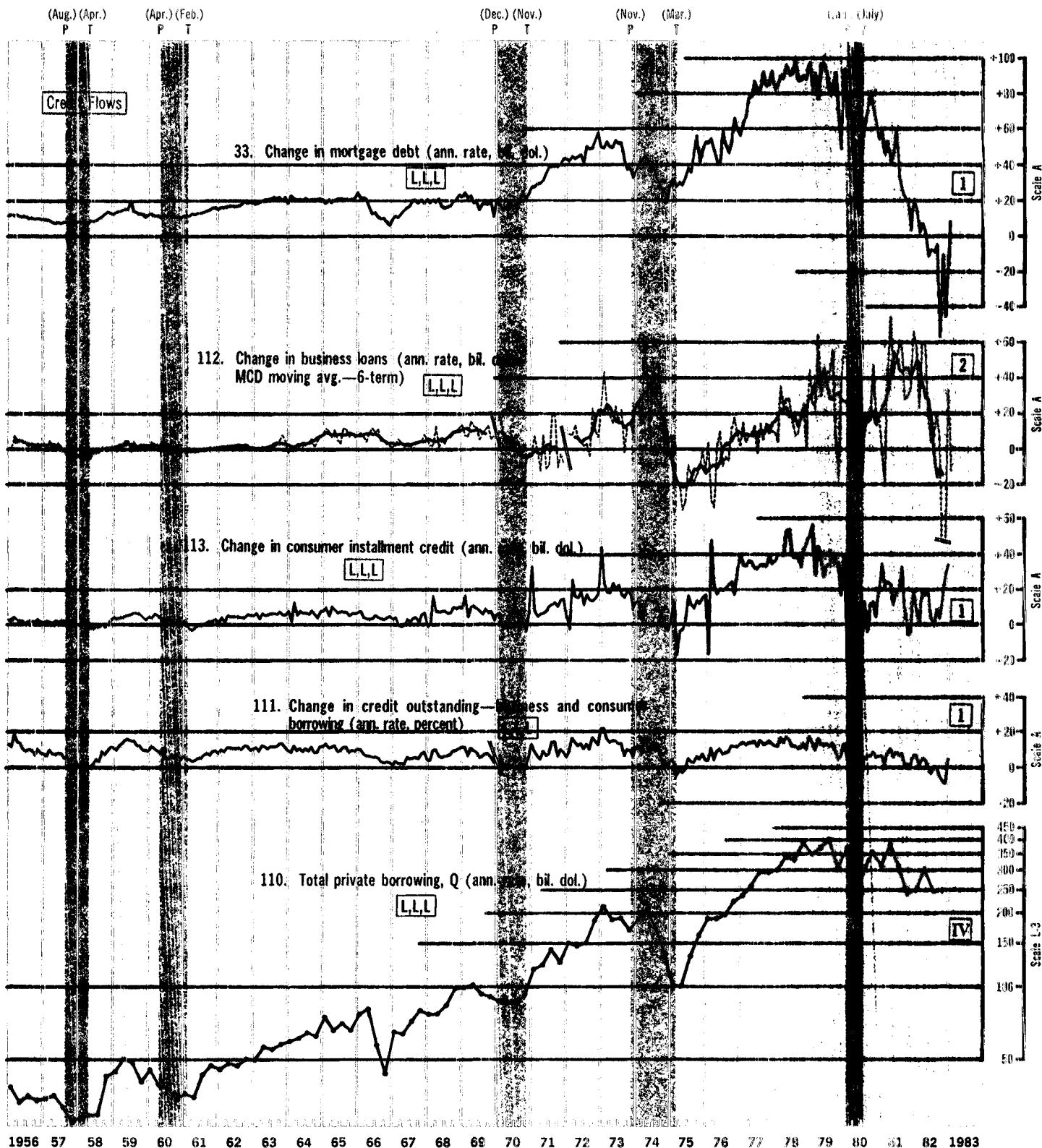
I**CYCICAL INDICATORS****B****CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued****Chart B7. Money and Credit**

¹This is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span.
Current data for these series are shown on page 71.

CYCICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B7. Money and Credit—Continued

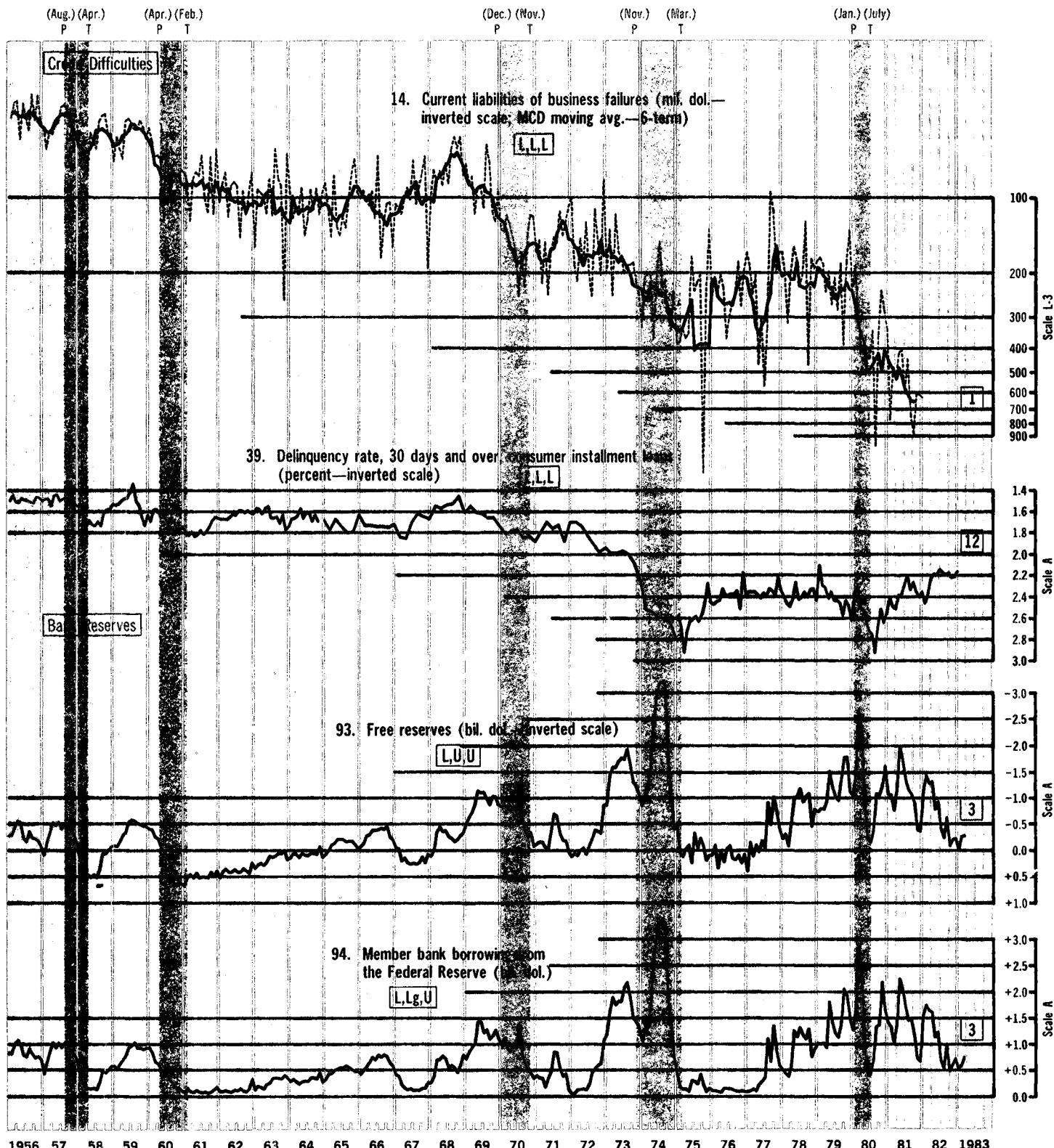


Current data for these series are shown on pages 71 and 72.

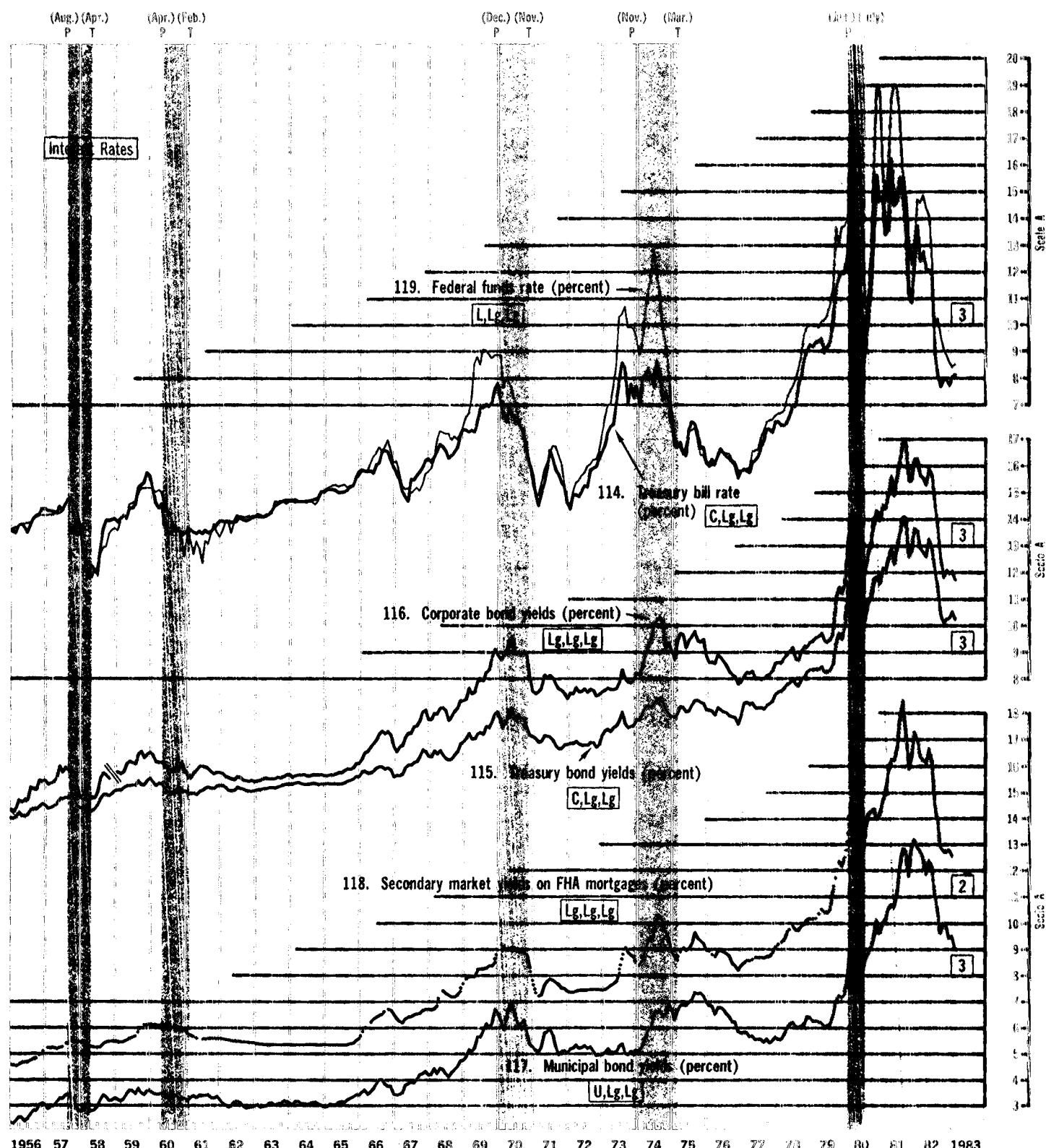
CYCICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B7. Money and Credit—Continued



Current data for these series are shown on page 72.

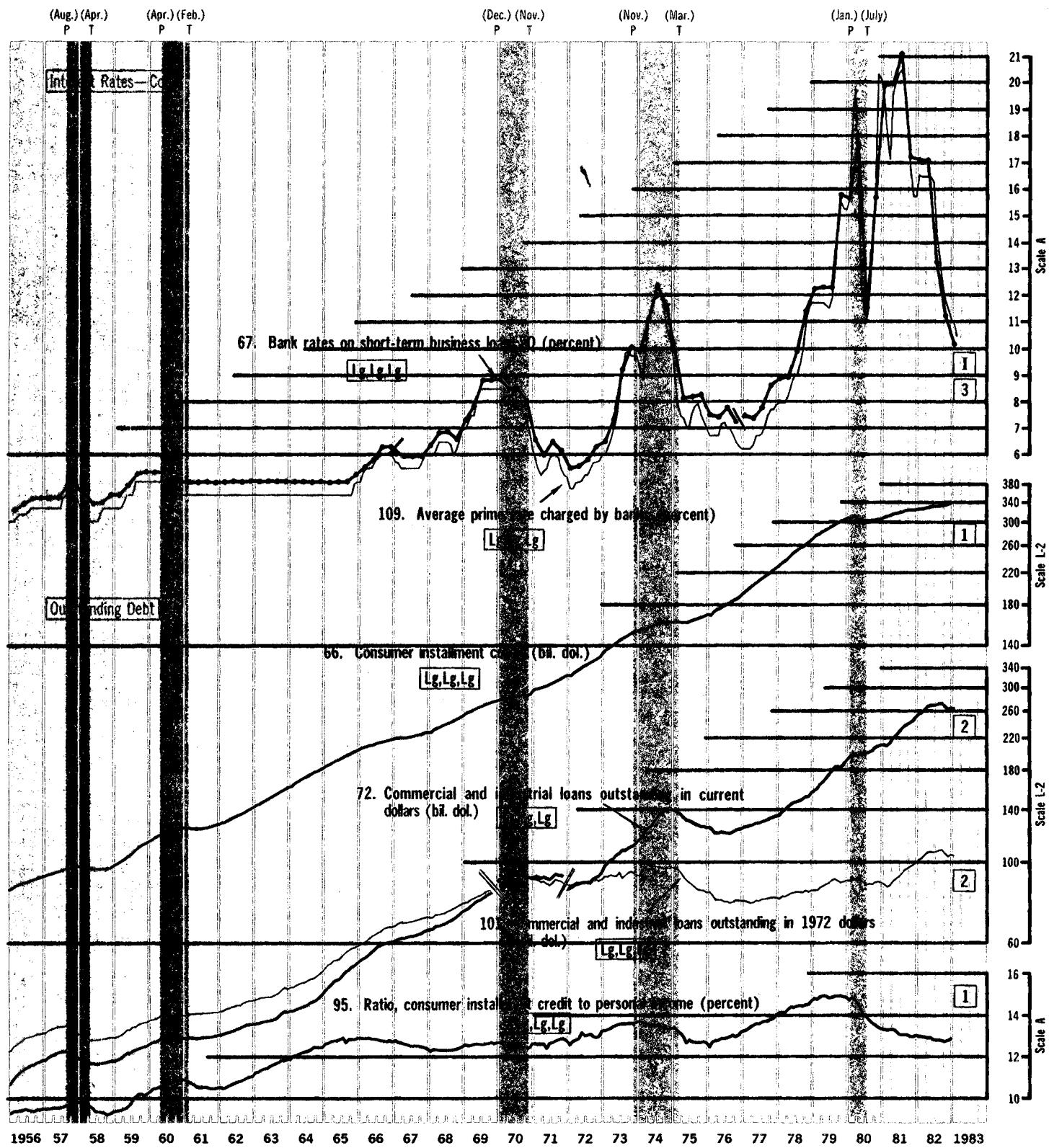
I**CYCCLICAL INDICATORS****B****CYCCLICAL INDICATORS BY ECONOMIC PROCESS—Continued****Chart B7. Money and Credit—Continued**

Current data for these series are shown on pages 72 and 73.

CYCICAL INDICATORS

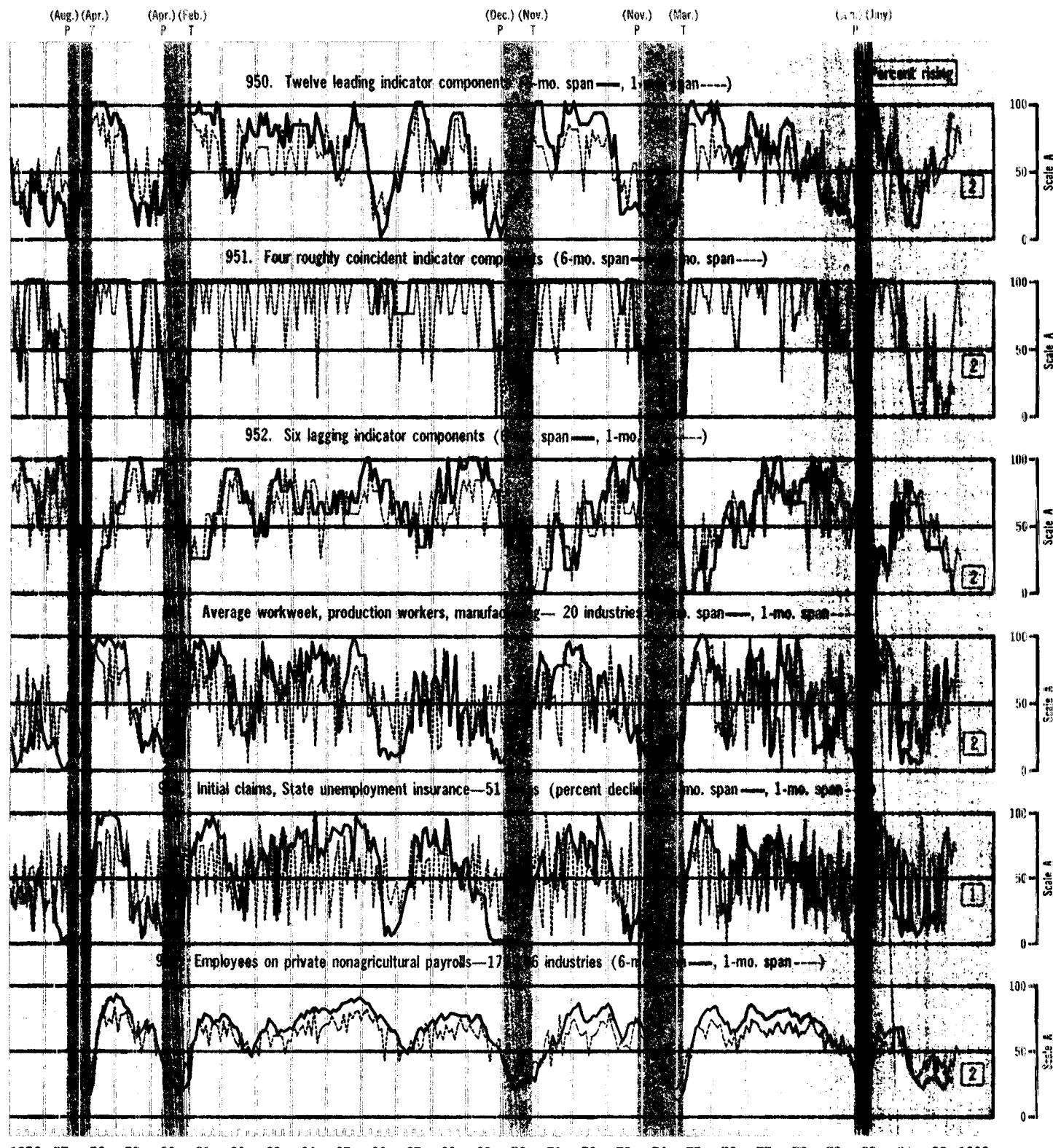
CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B7. Money and Credit—Continued



Current data for these series are shown on page 73.

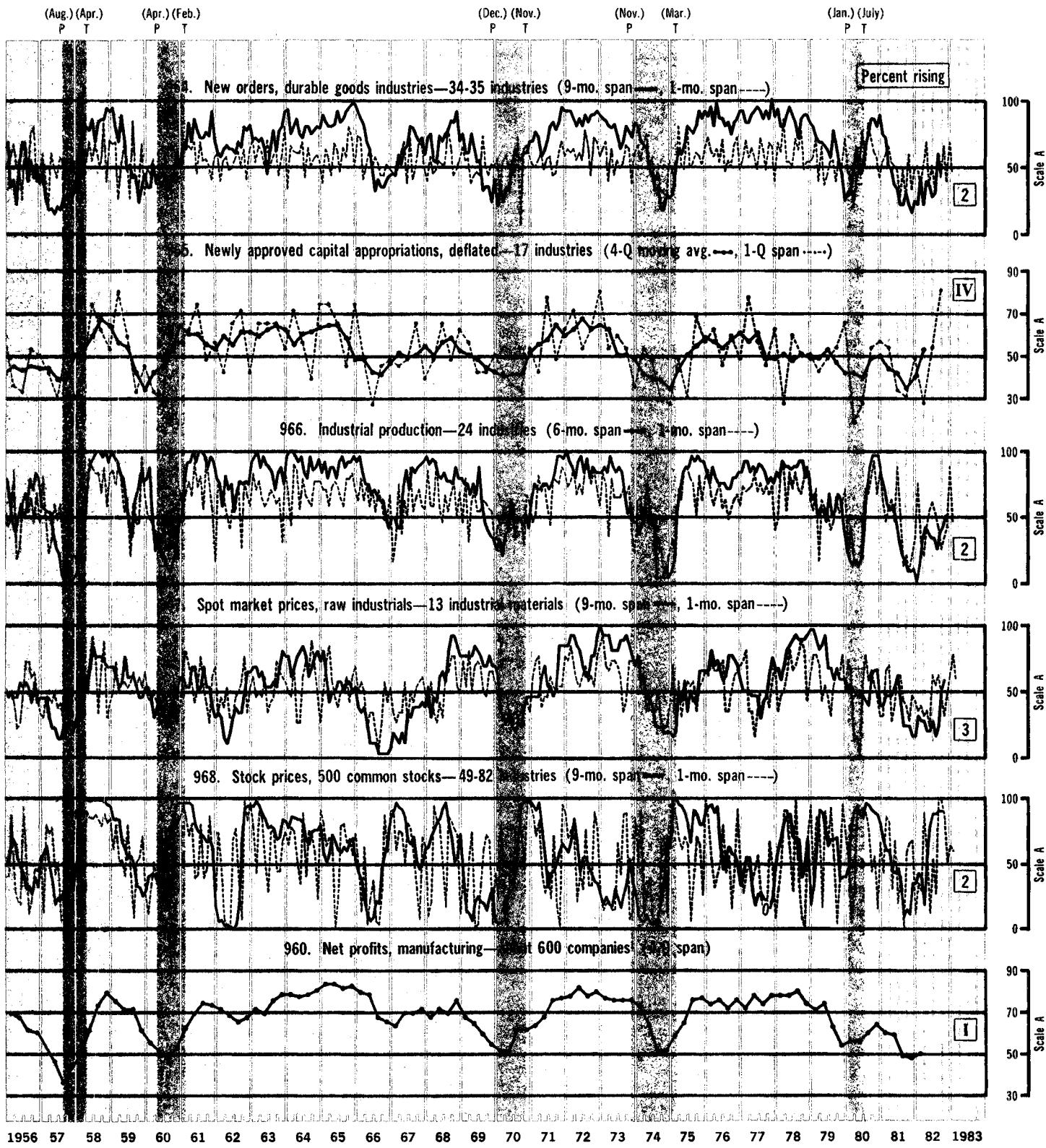
Chart C1. Diffusion Indexes



1956 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1983

Current data for these series are shown on page 74.

Chart C1. Diffusion Indexes—Continued

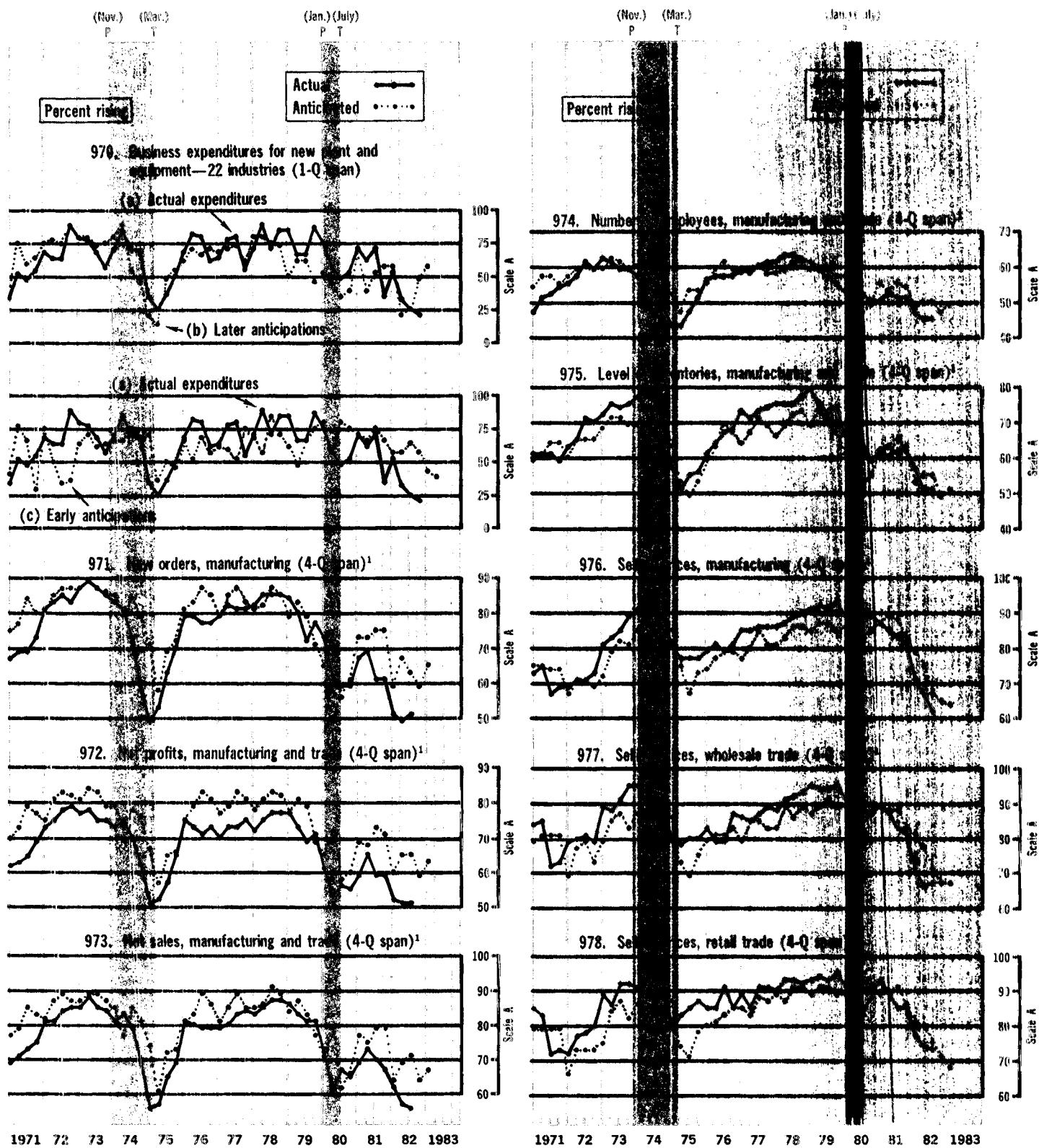


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CYCLICAL INDICATORS

DIFFUSION INDEXES AND RATES OF CHANGE—Continued

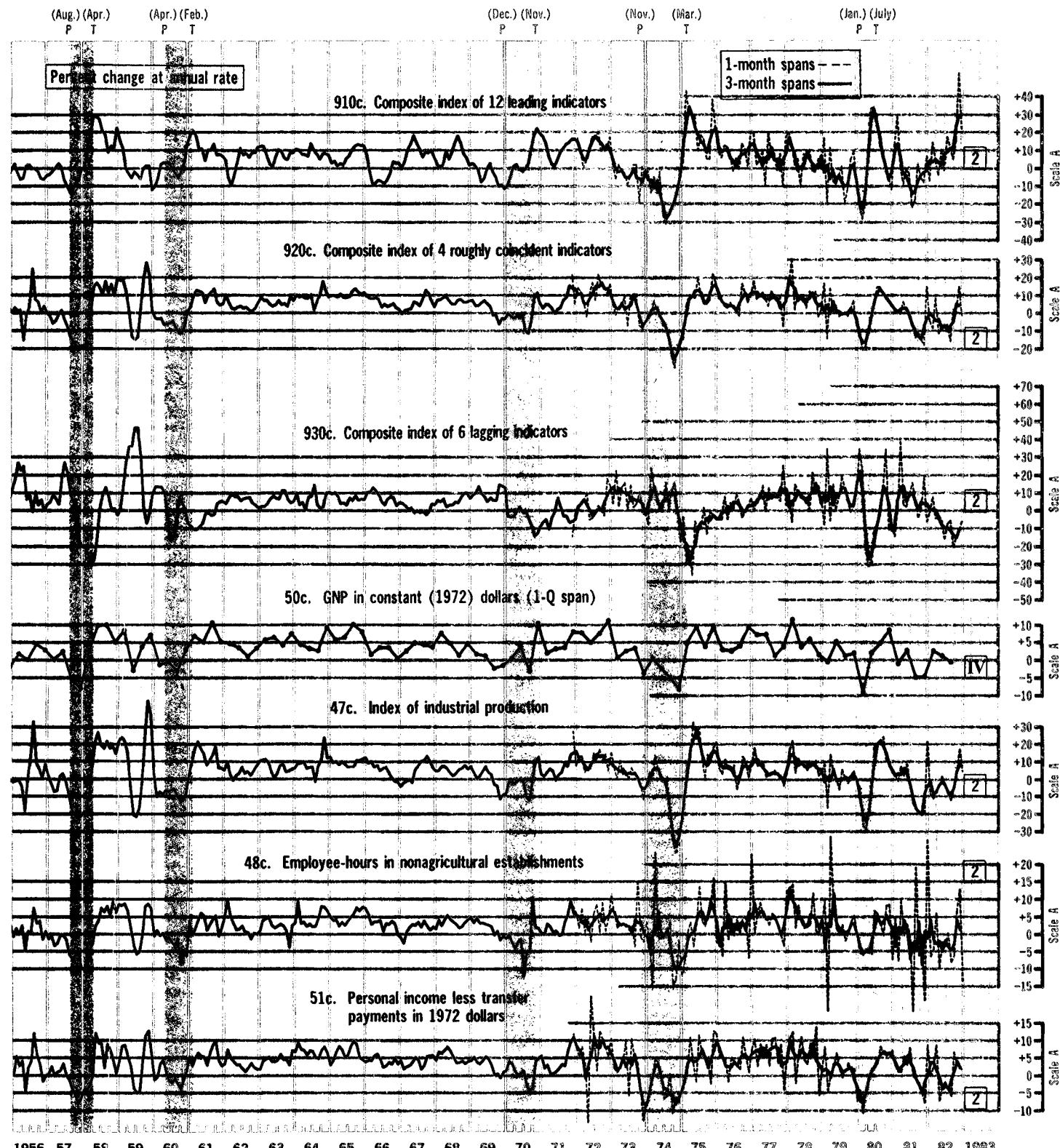
Chart C1. Diffusion Indexes—Continued



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Current data for these series are shown on page 76.

Chart C3. Rates of Change

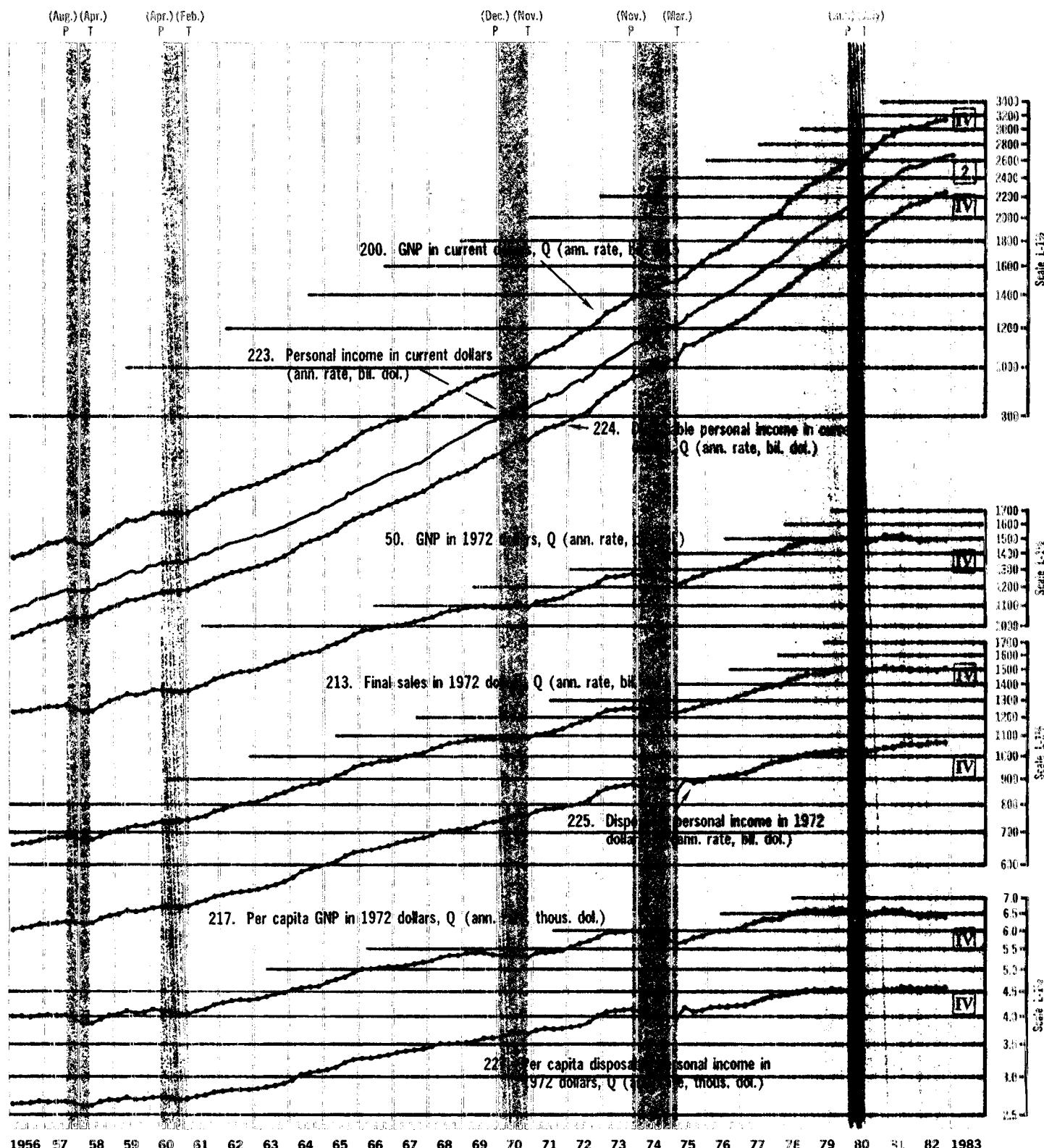


NOTE: Data for these percent changes are shown occasionally in appendix C. The "Alphabetical Index—Series Finding Guide" indicates the latest issue in which the data for each series were published.

OTHER IMPORTANT ECONOMIC MEASURES

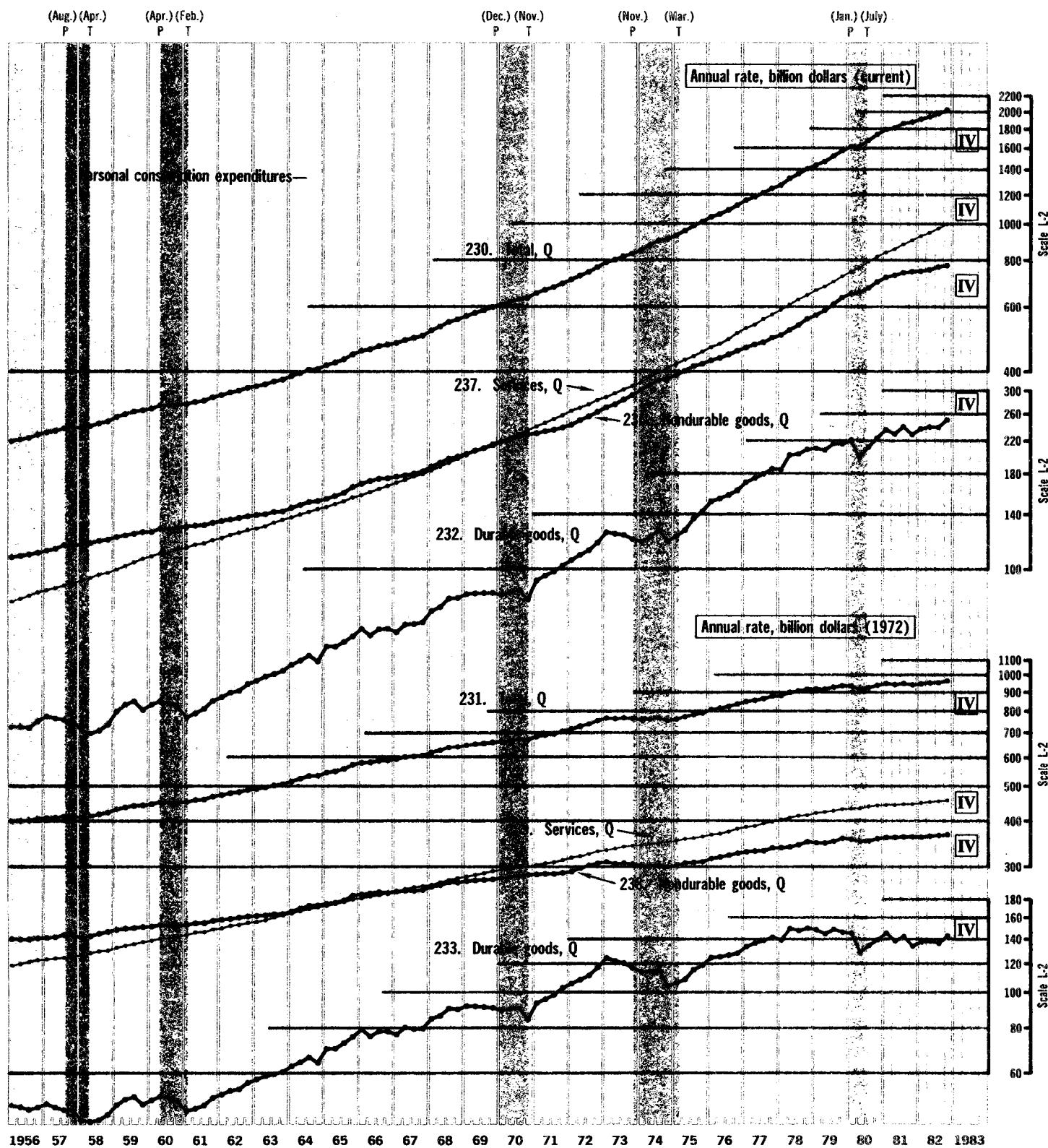
NATIONAL INCOME AND PRODUCT

Chart A1. GNP and Personal Income



Current data for these series are shown on pages 63 and 80.

Chart A2. Personal Consumption Expenditures

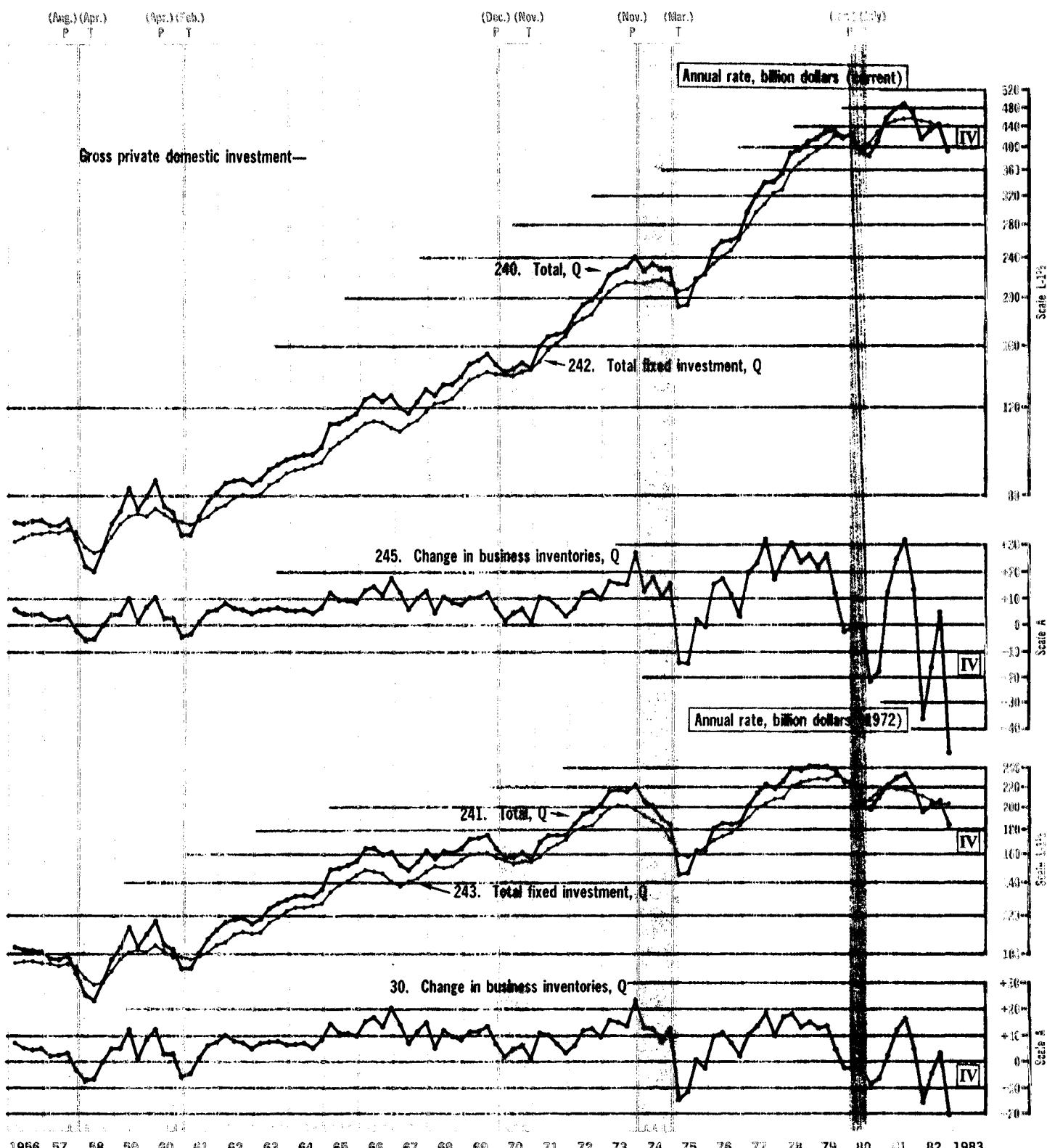


Current data for these series are shown on pages 80 and 81.

OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A3. Gross Private Domestic Investment

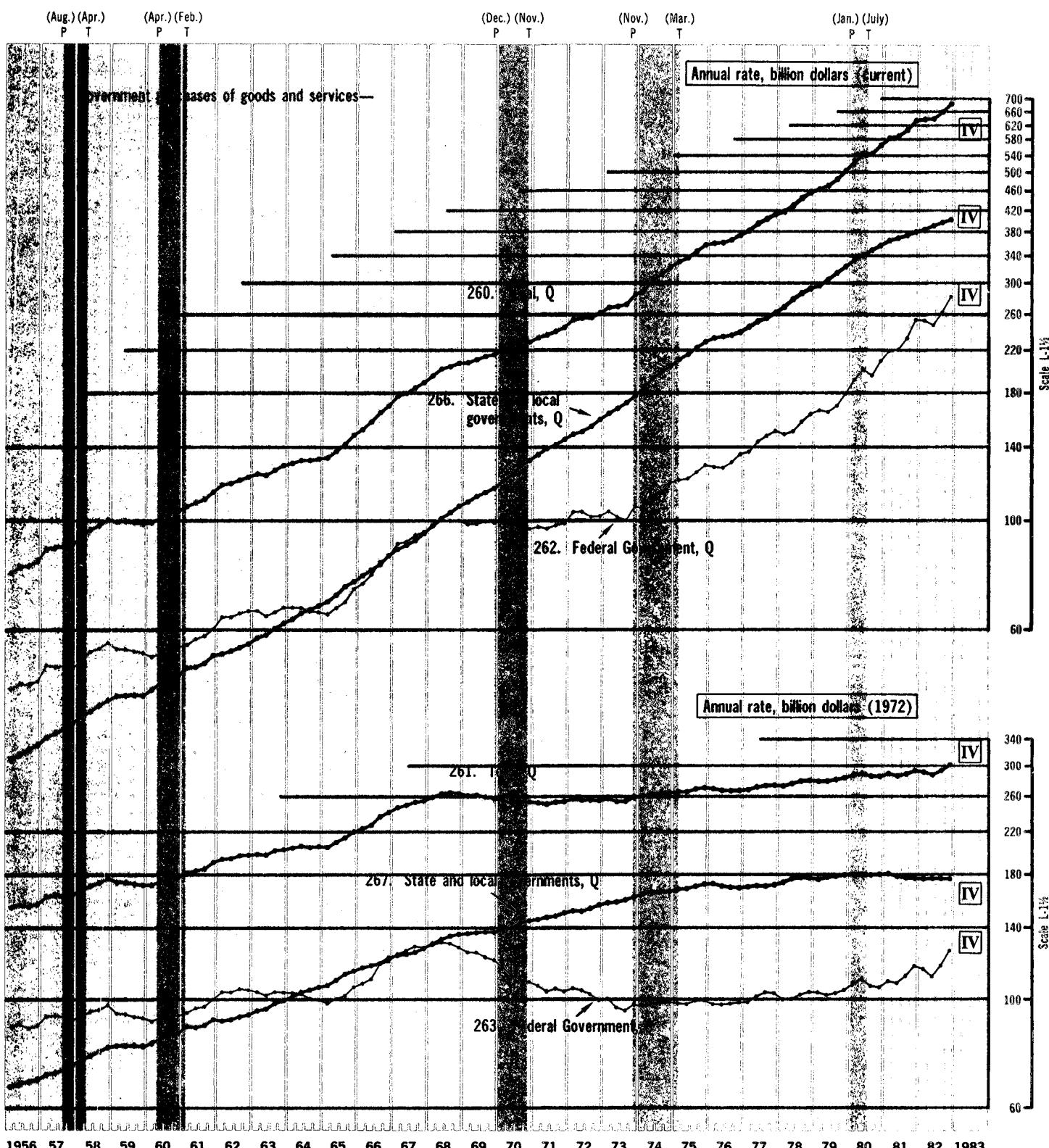


Current data for these series are shown on page 81.

OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A4. Government Purchases of Goods and Services

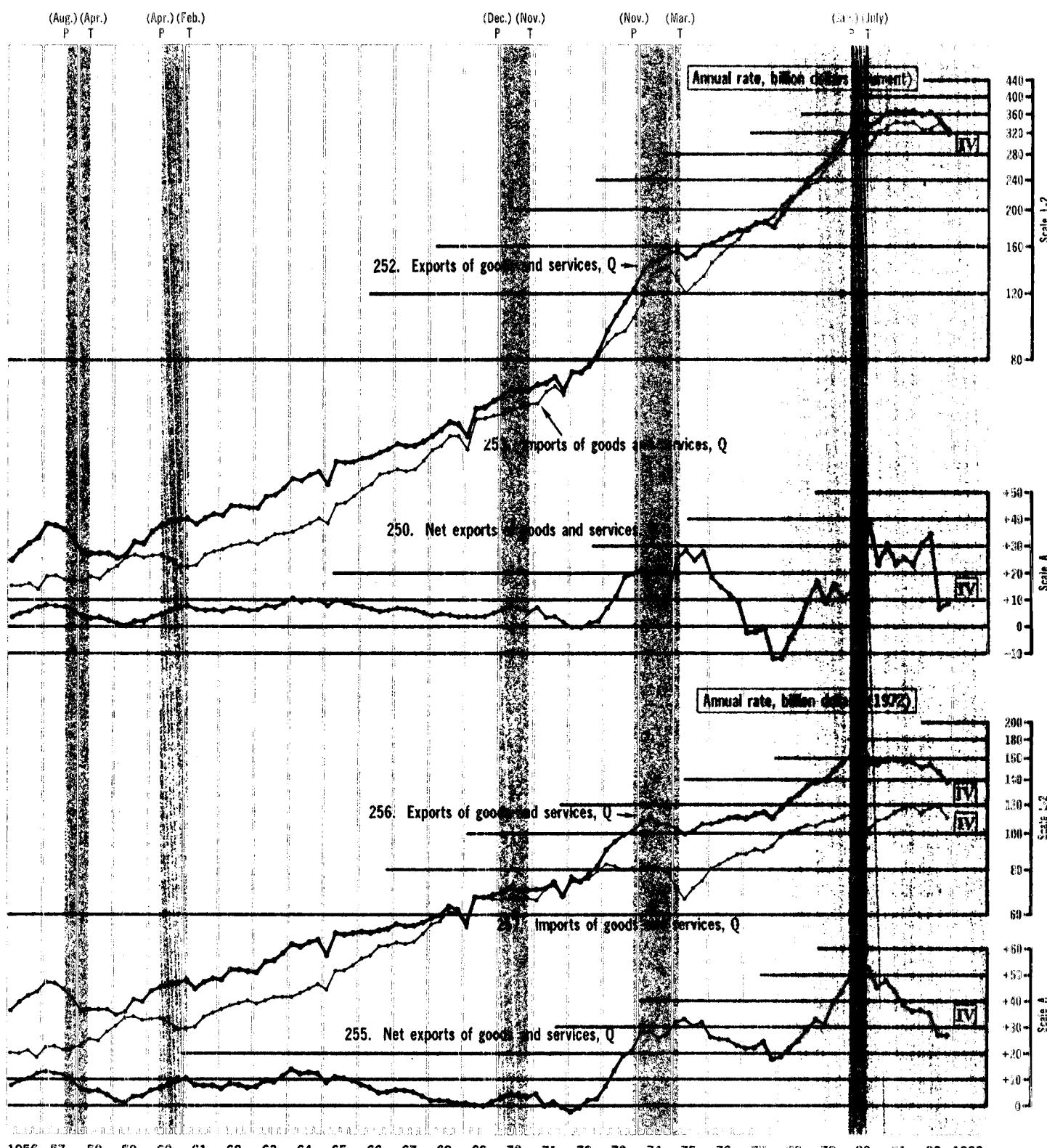


Current data for these series are shown on page 81.

OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A5. Foreign Trade

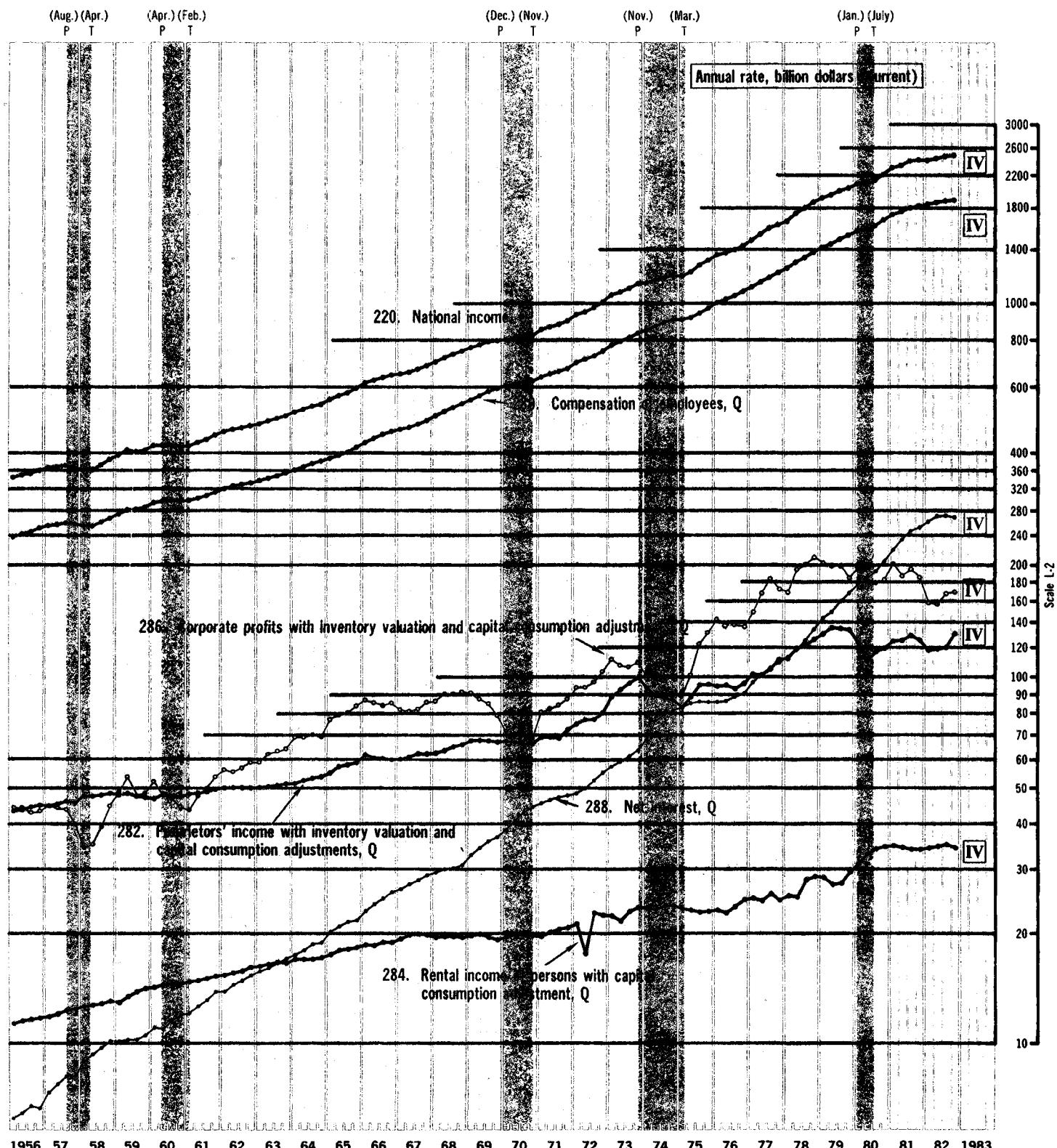


Current data for these series are shown on page 82.

OTHER IMPORTANT ECONOMIC MEASURES

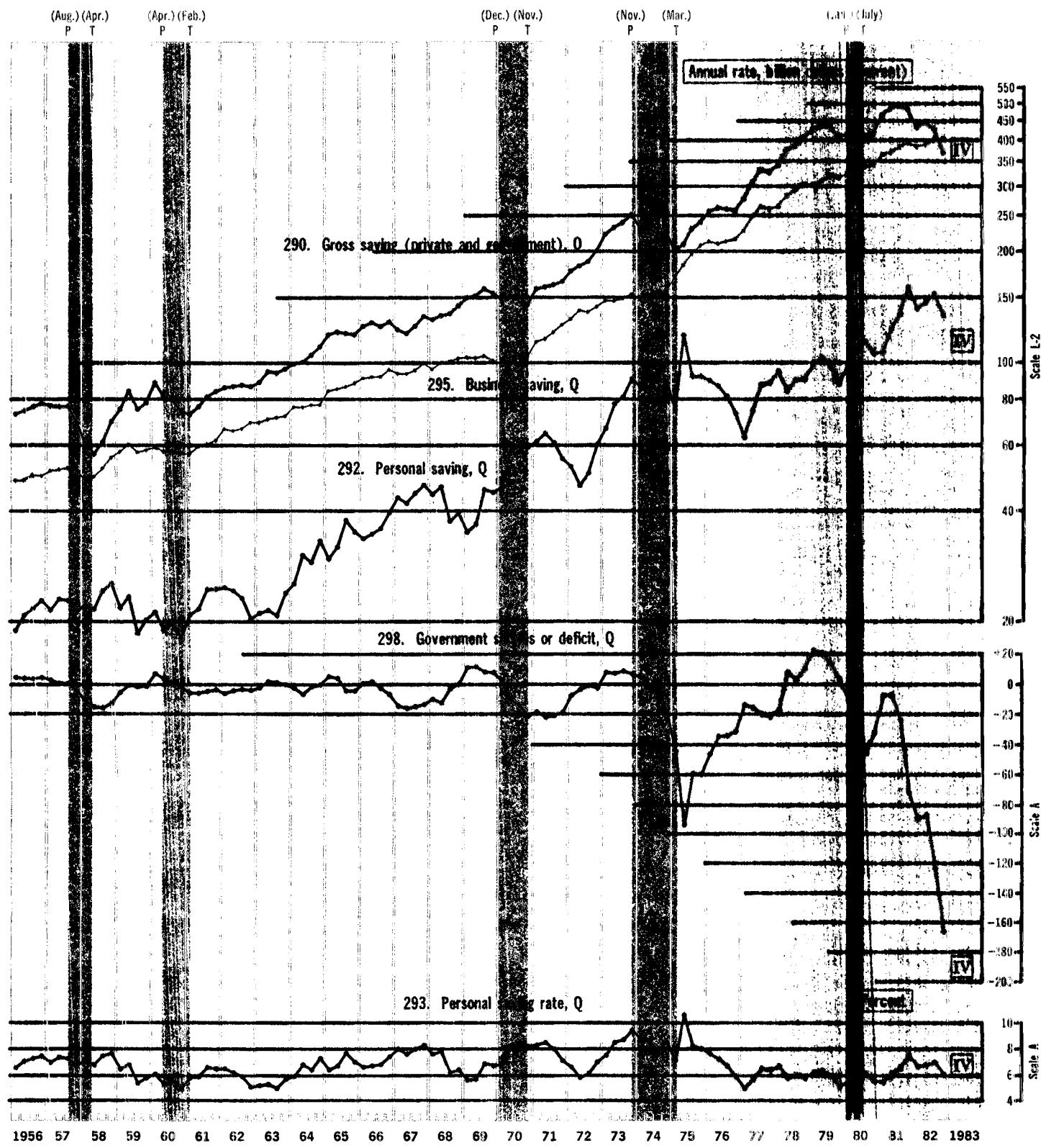
NATIONAL INCOME AND PRODUCT—Continued

Chart A6. National Income and Its Components



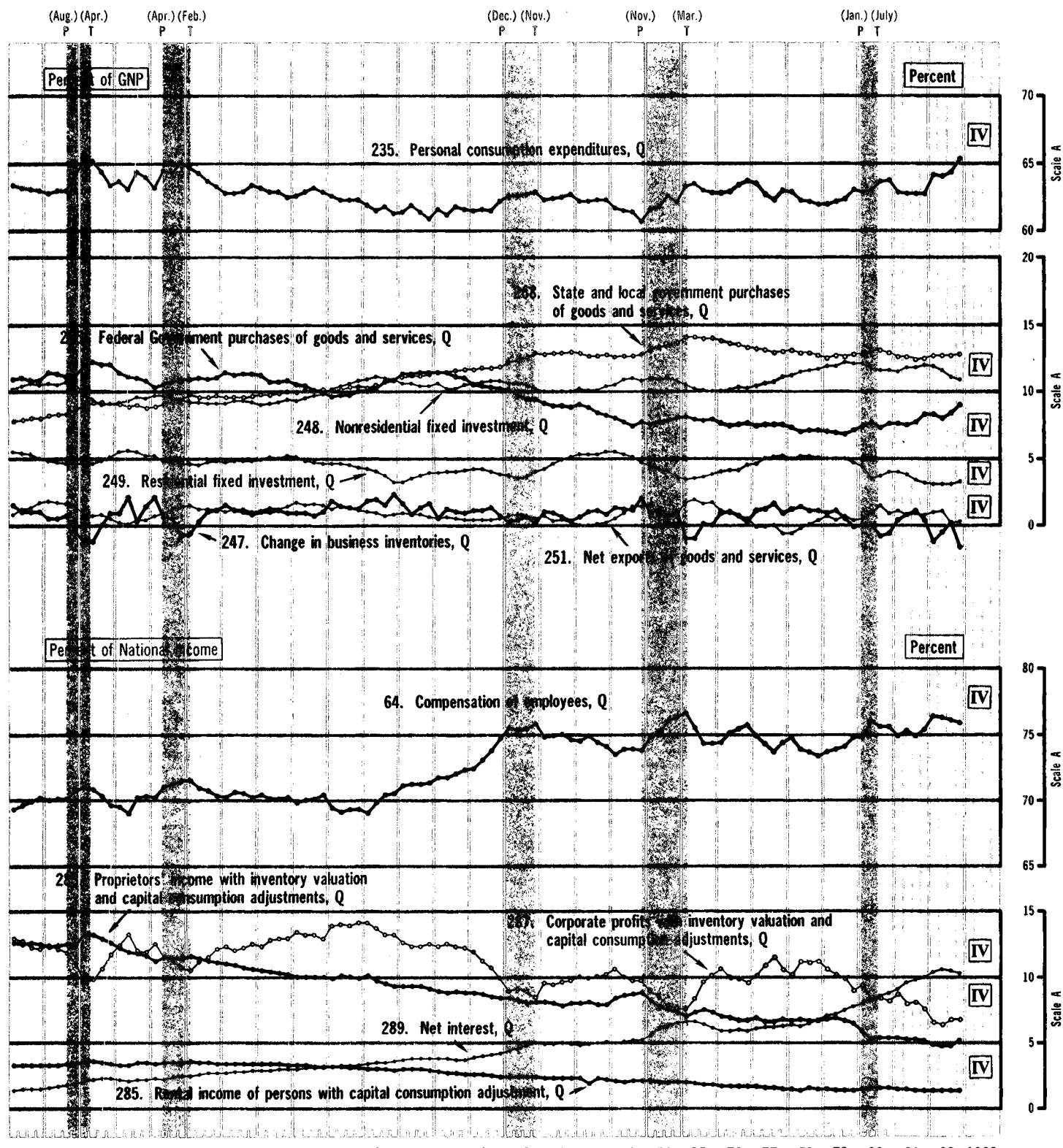
Current data for these series are shown on page 82.

Chart A7. Saving



Current data for these series are shown on pages 82 and 83.

Chart A8. Shares of GNP and National Income



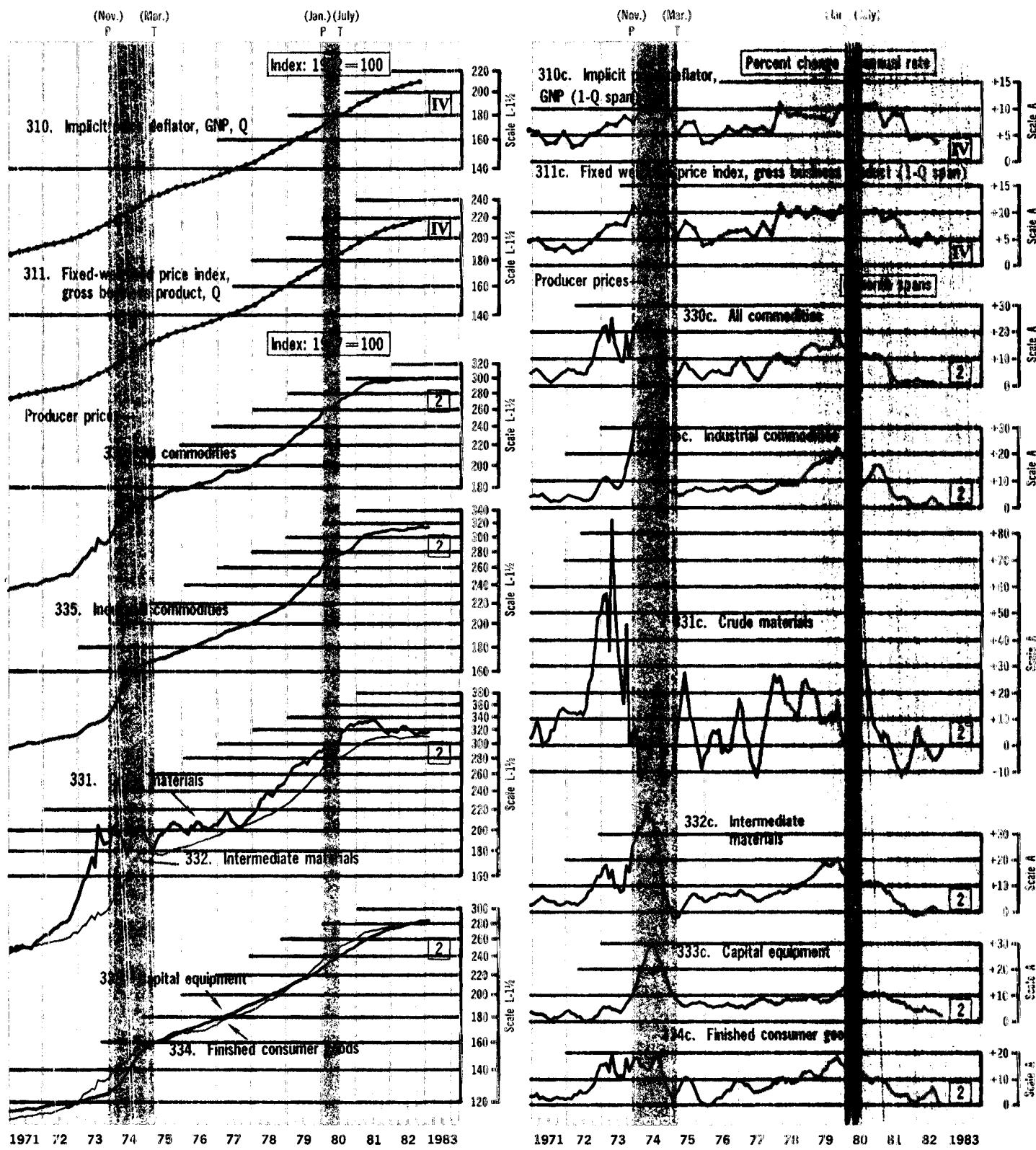
1956 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1983

Current data for these series are shown on page 63.

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY

Chart B1. Price Movements



Current data for these series are shown on pages 84, 85, and 86.

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY—Continued

Chart B1. Price Movements—Continued

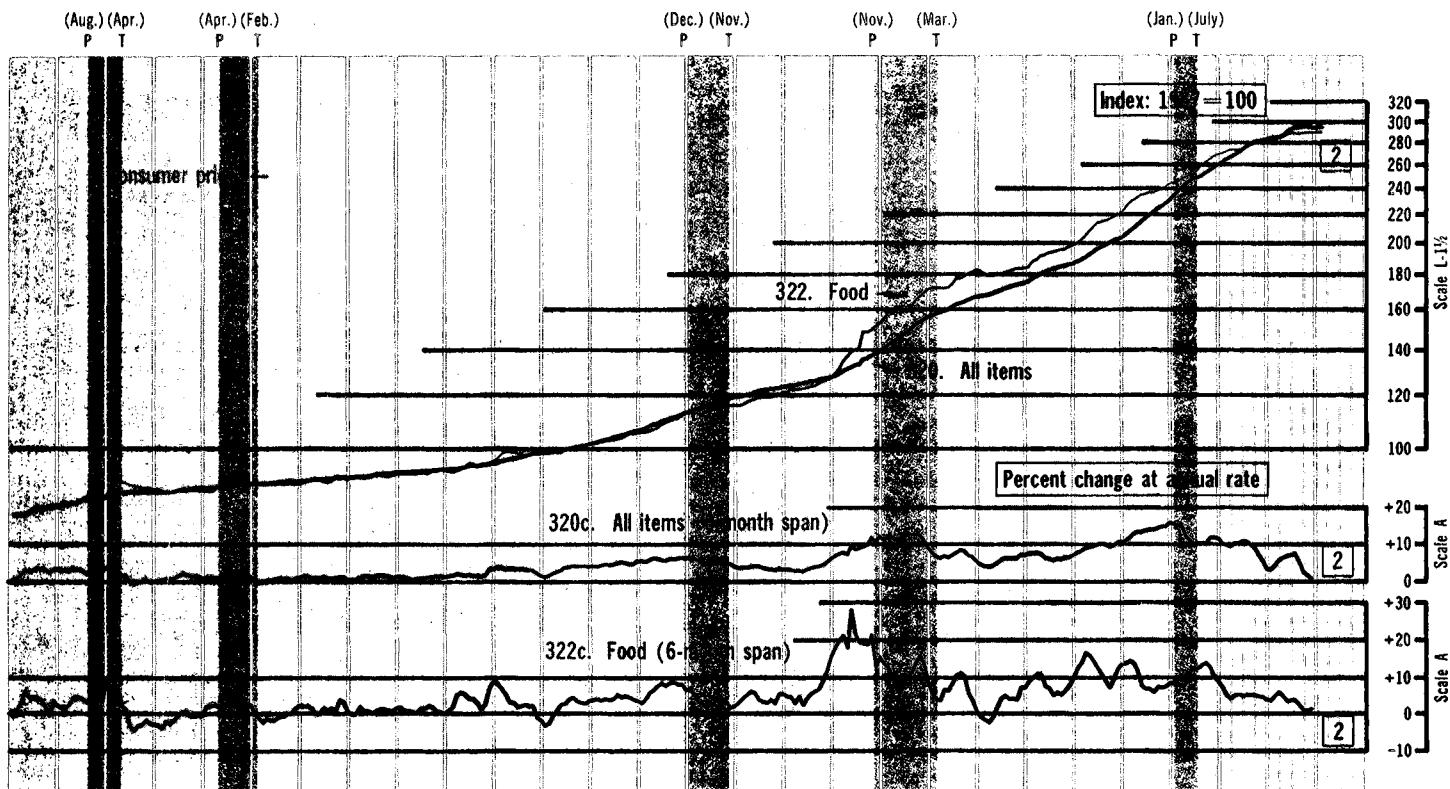
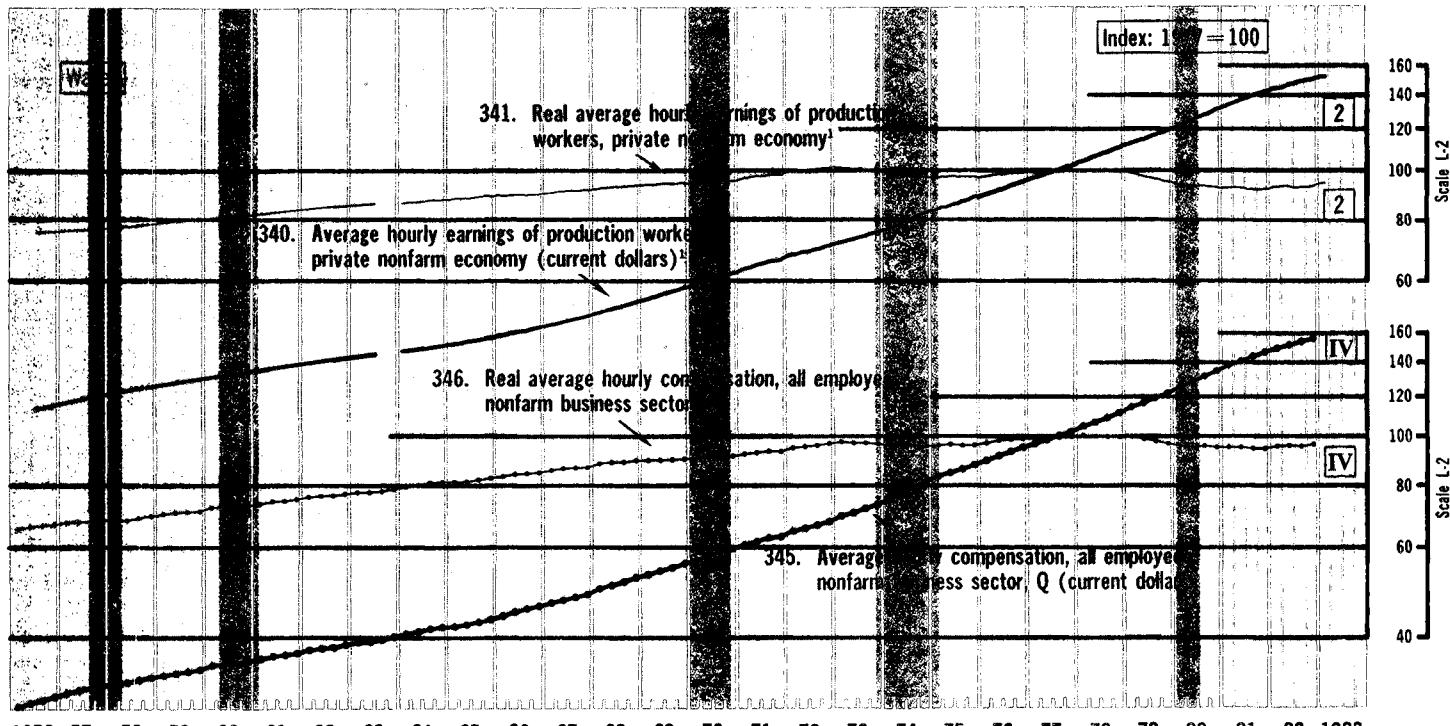
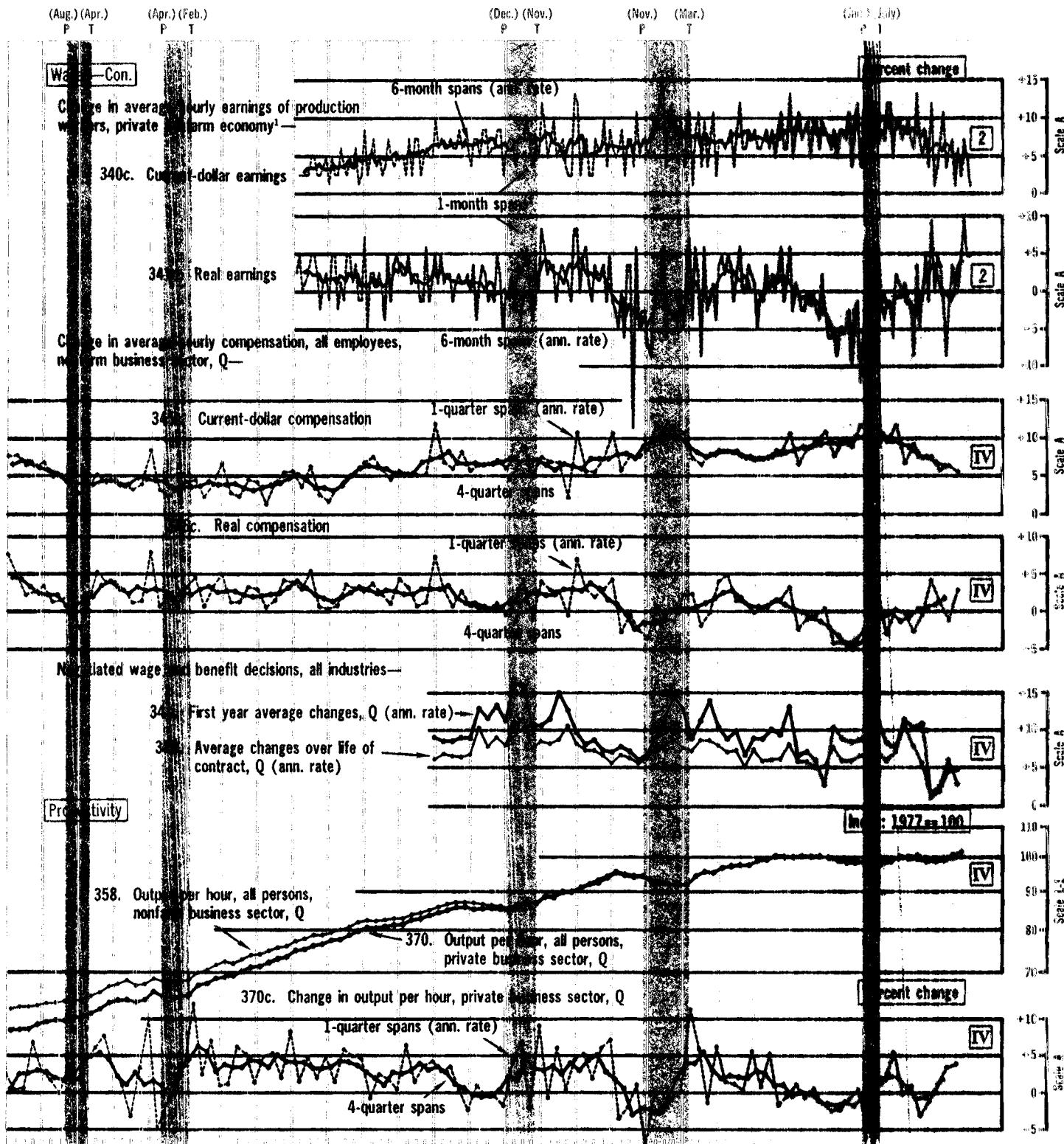


Chart B2. Wages and Productivity



¹Adjusted for overtime (in manufacturing only) and interindustry employment shifts and seasonality. Current data for these series are shown on pages 84, 87, and 88.

Chart B2. Wages and Productivity—Continued



1956 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1983

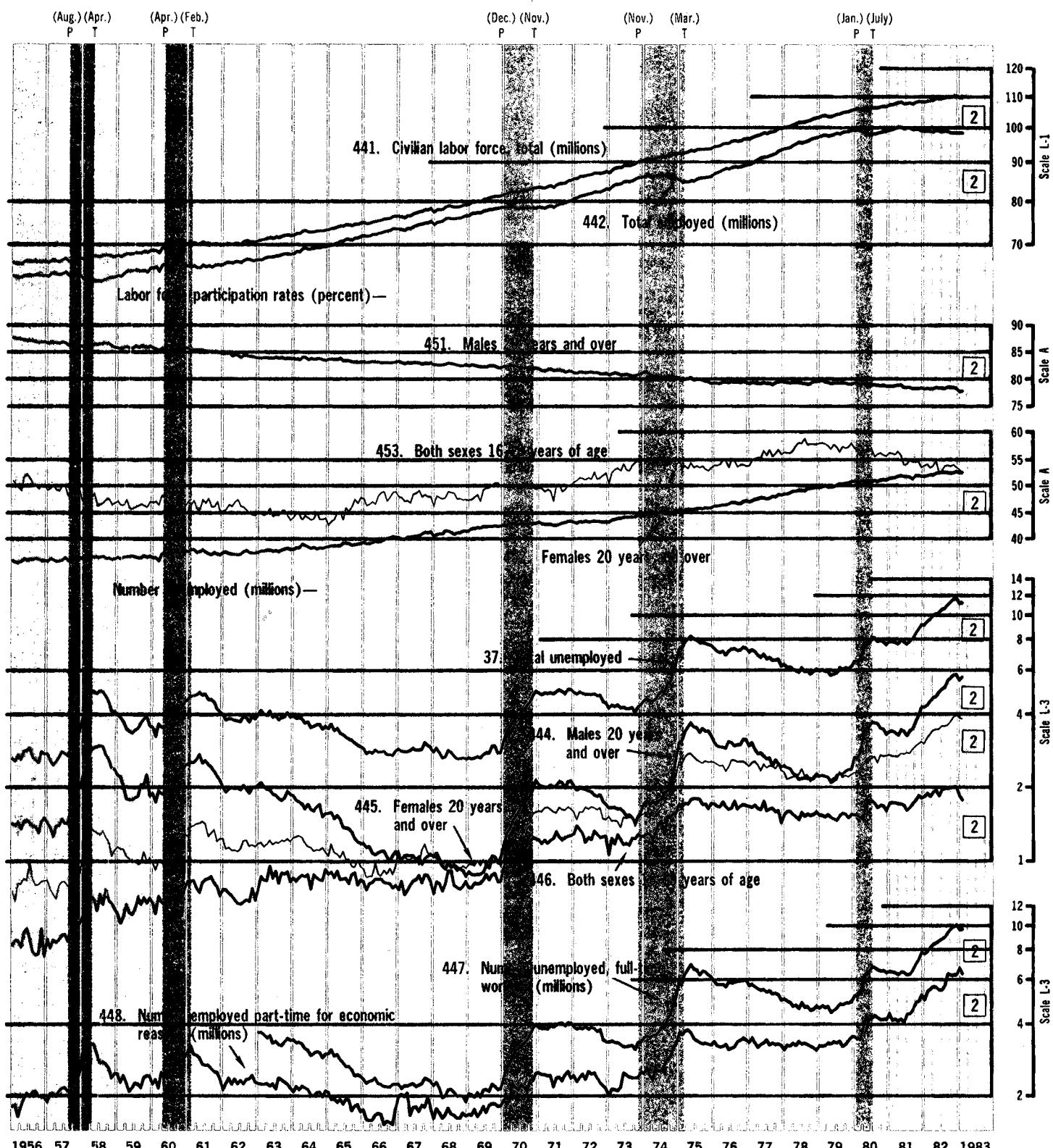
¹Adjusted for overtime (in manufacturing only) and interindustry employment shifts and seasonality. ²One-month percent changes have been multiplied by a constant (12) to make them comparable with the annualized 6-month changes. See page 87 for actual 1-month percent changes.

Current data for these series are shown on pages 87 and 88.

OTHER IMPORTANT ECONOMIC MEASURES

LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT

Chart C1. Civilian Labor Force and Major Components

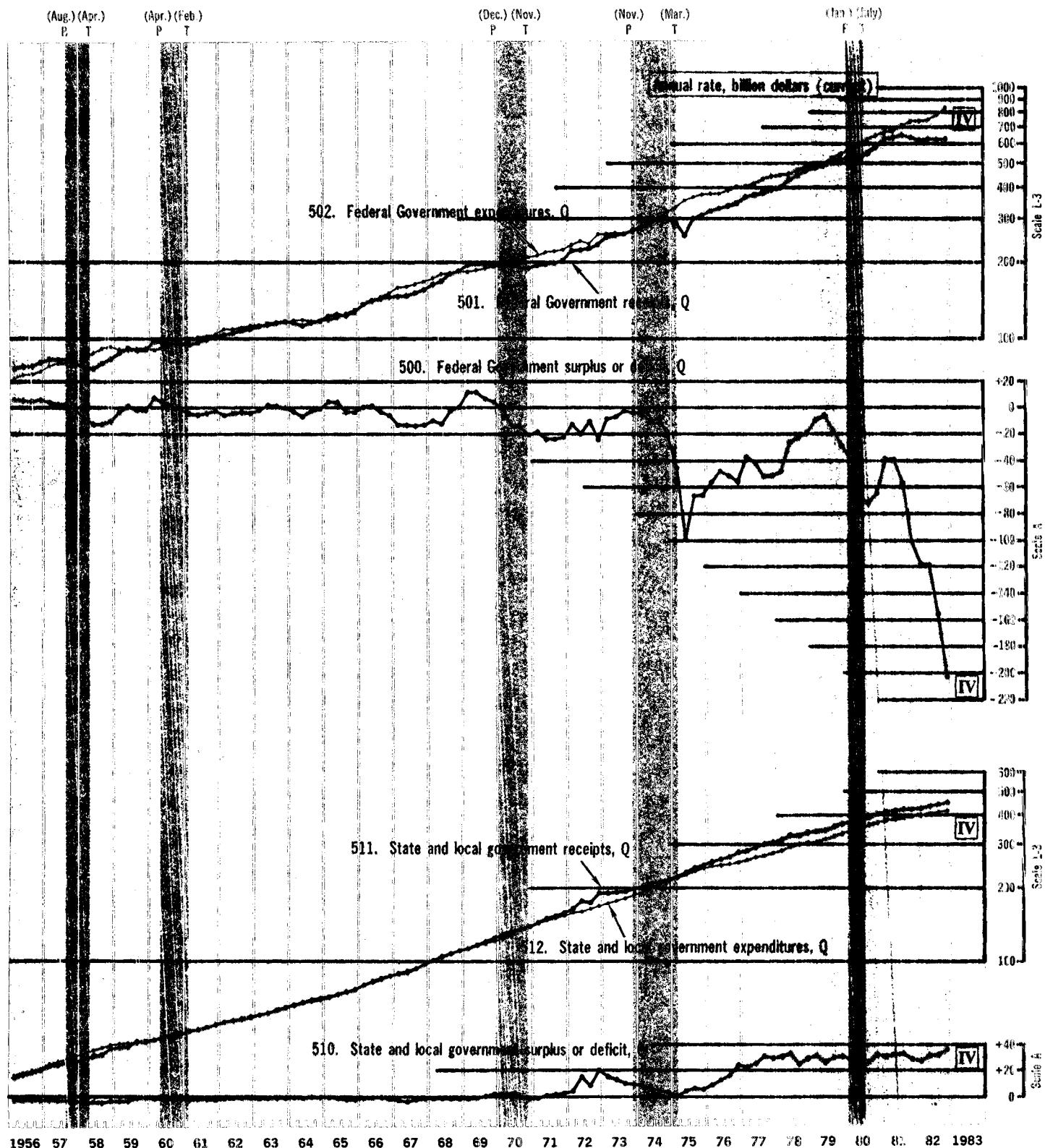


Current data for these series are shown on page 89.

OTHER IMPORTANT ECONOMIC MEASURES

GOVERNMENT ACTIVITIES

Chart D1. Receipts and Expenditures

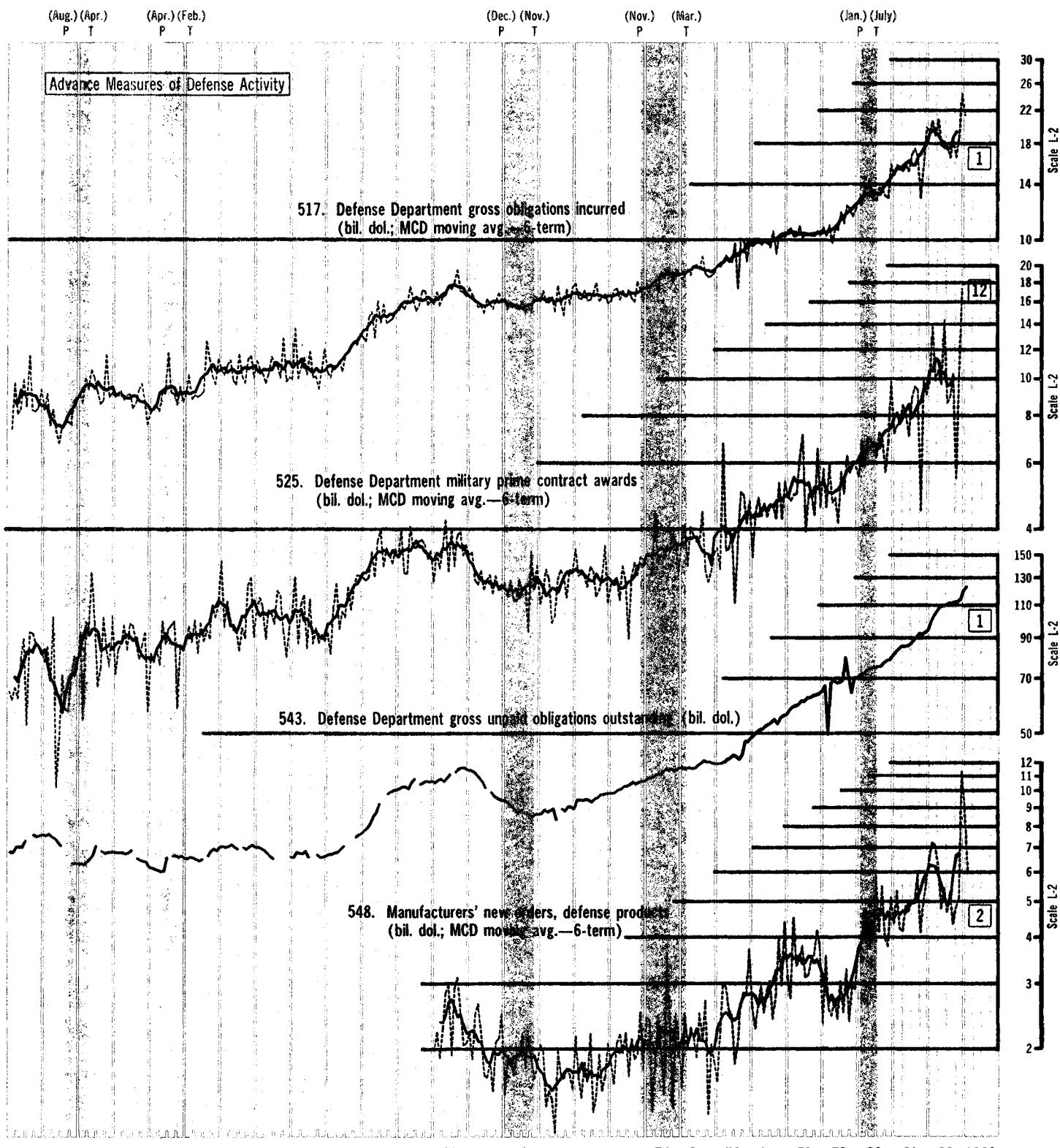


Current data for these series are shown on page 90.

OTHER IMPORTANT ECONOMIC MEASURES

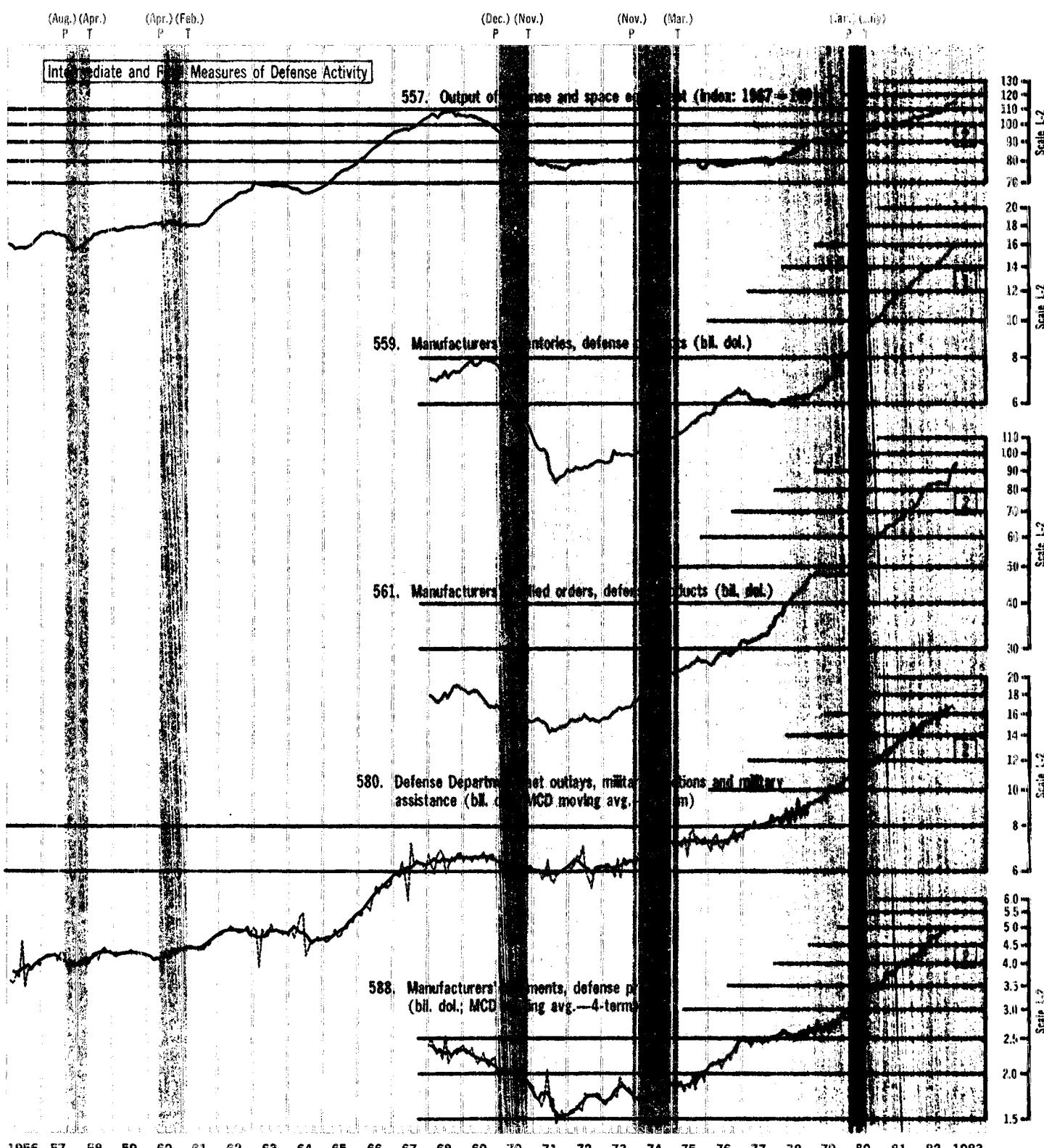
GOVERNMENT ACTIVITIES—Continued

Chart D2. Defense Indicators



Current data for these series are shown on page 90.

Chart D2. Defense Indicators—Continued

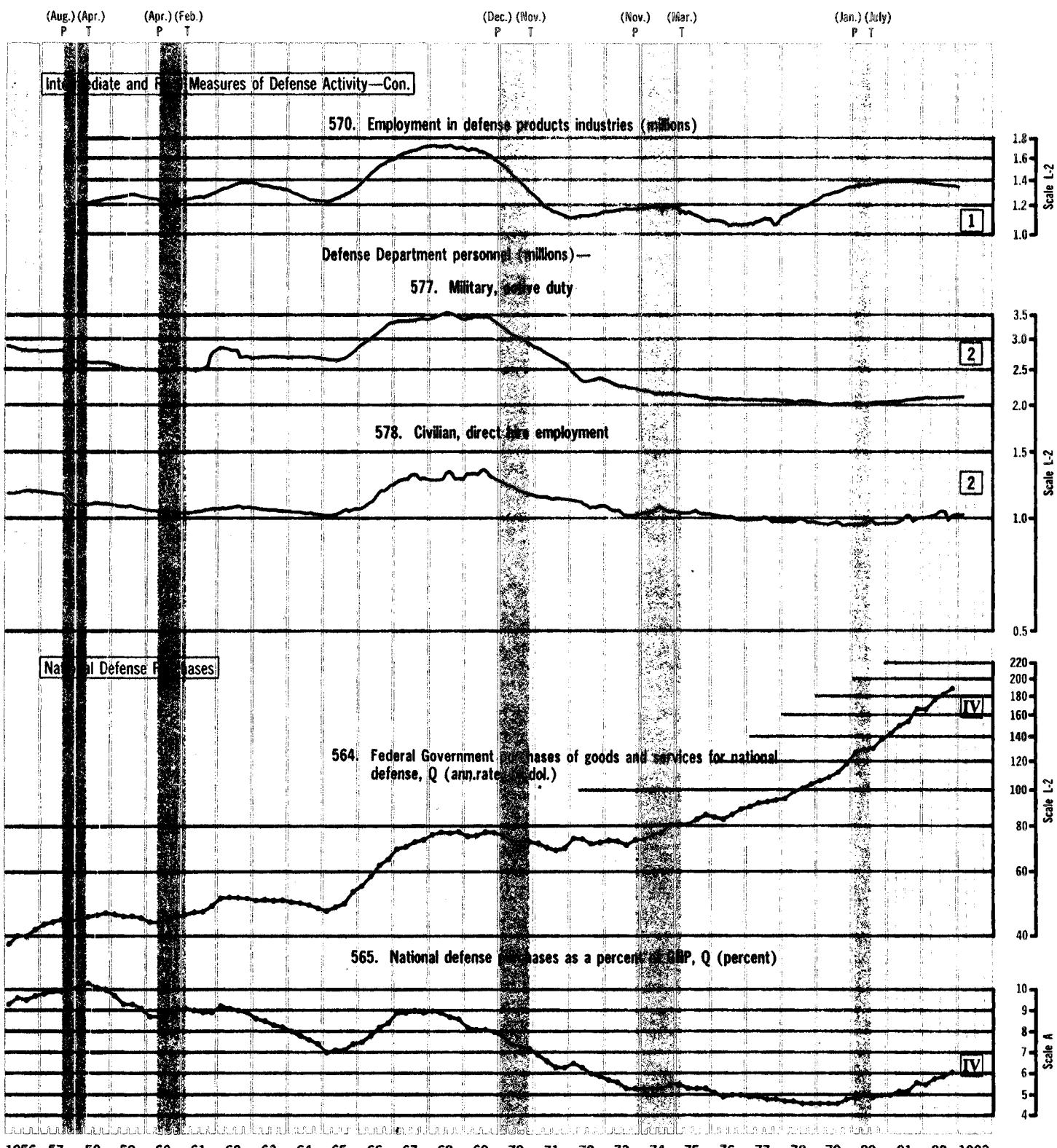


Current data for these series are shown on page 91.

OTHER IMPORTANT ECONOMIC MEASURES

GOVERNMENT ACTIVITIES—Continued

Chart D2. Defense Indicators—Continued

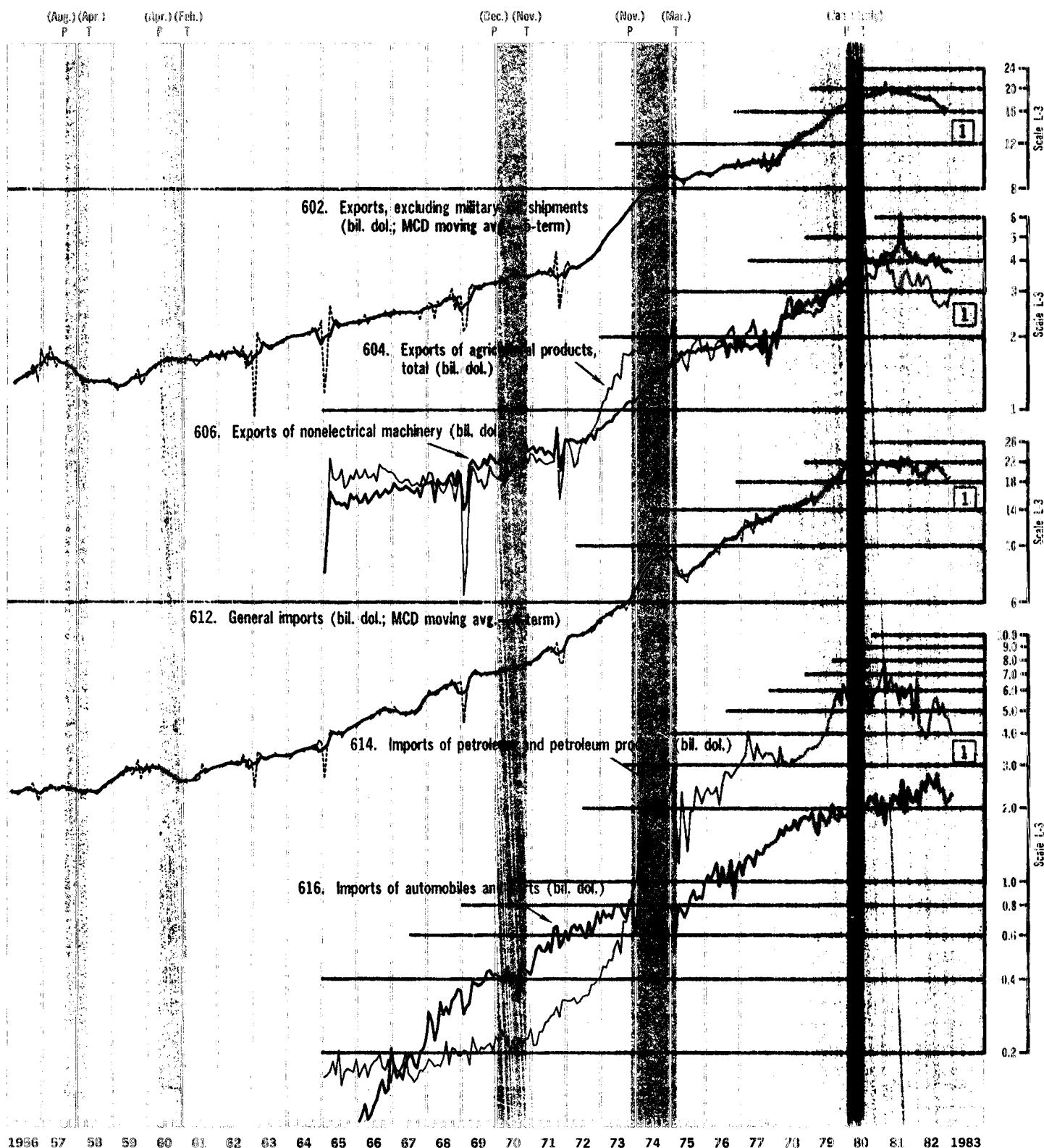


Current data for these series are shown on page 91.

OTHER IMPORTANT ECONOMIC MEASURES

U.S. INTERNATIONAL TRANSACTIONS

Chart E1. Merchandise Trade

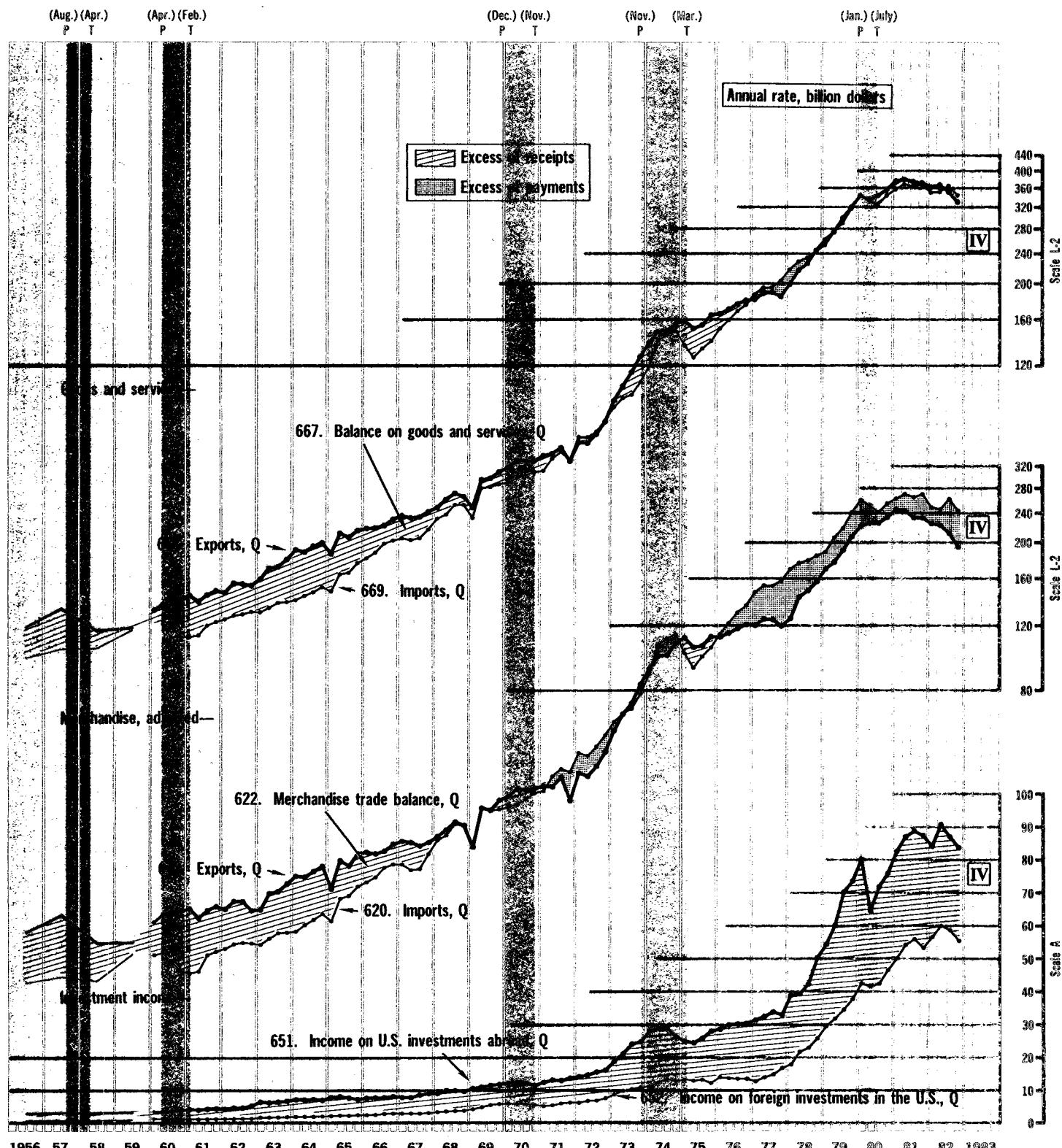


Current data for these series are shown on page 92.

OTHER IMPORTANT ECONOMIC MEASURES

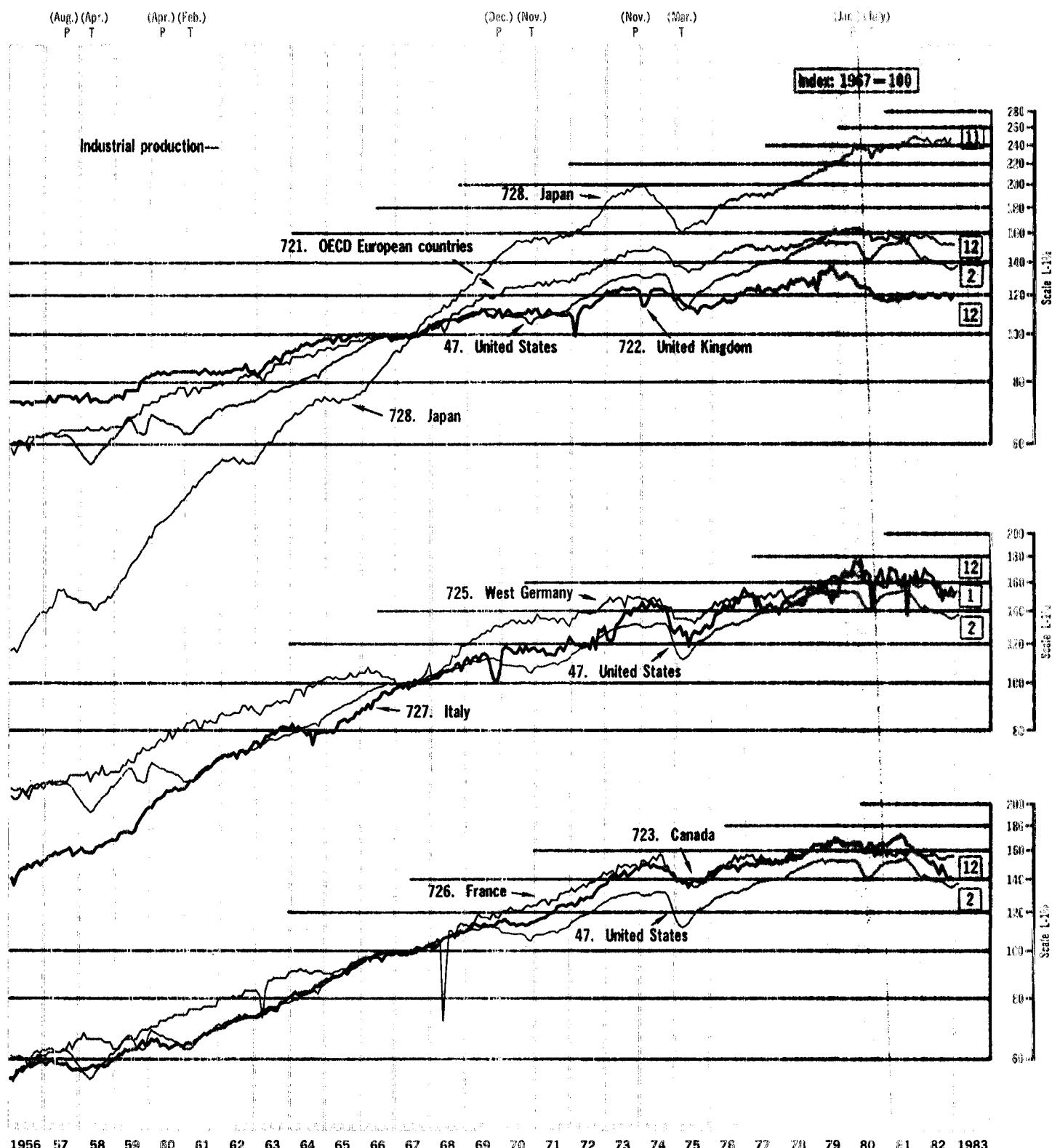
U.S. INTERNATIONAL TRANSACTIONS—Continued

Chart E2. Goods and Services Movements



NOTE: Annual totals are shown for the period prior to 1960.
Current data for these series are shown on page 93.

Chart F1. Industrial Production

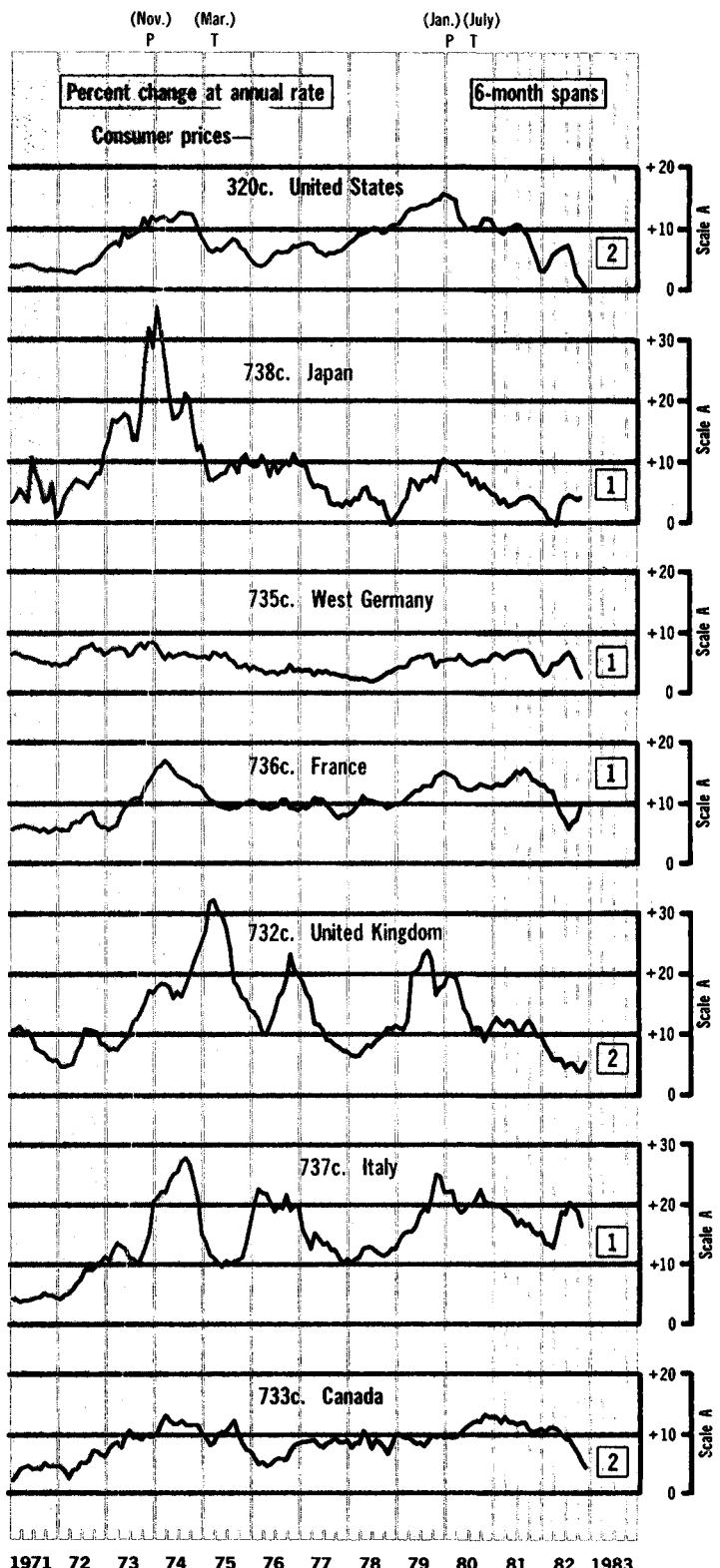


Current data for these series are shown on page 94.

OTHER IMPORTANT ECONOMIC MEASURES

INTERNATIONAL COMPARISONS—Continued

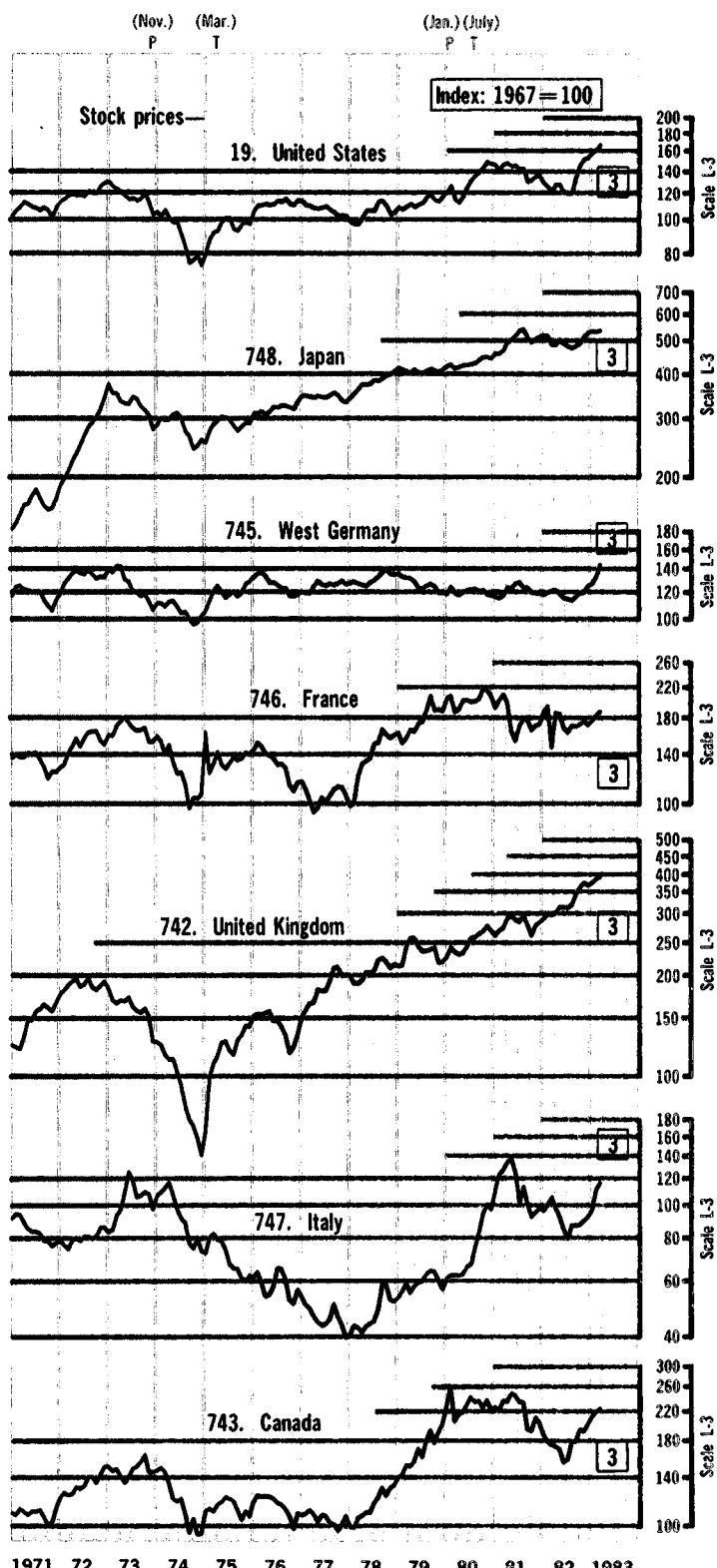
Chart F2. Consumer Prices



1971 72 73 74 75 76 77 78 79 80 81 82 1983

Current data for these series are shown on pages 95 and 96.

Chart F3. Stock Prices



1971 72 73 74 75 76 77 78 79 80 81 82 1983

Year and month	A1 COMPOSITE INDEXES								
	910. Index of 12 leading in- dicators (series 1, 5, 8, 12, 19, 20, 29, 32, 36, 99, 106, 111)	920. Index of 4 roughly coincident indi- cators (series 41, 47, 51, 57)	930. Index of 6 lagging indi- cators (series 62, 77, 91, 95, 101, 109)	940. Ratio, coincident index to lagging index	Leading indicator subgroups				
					913. Marginal employment adjustments (series 1, 2, 3, 5)	914. Capital investment commitments (series 12, 20, 29) ¹	915. Inventory investment and purchasing (series 8, 32, 36, 99)	916. Profit- ability (series 19, 26, 80)	917. Money and financial flows (series 104, 106, 111)
	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)
1981					(²)				
January	142.1	146.8	121.7	120.6	94.2	110.7	100.5	98.2	122.2
February	140.4	147.2	120.7	122.0	94.1	109.3	100.5	98.8	122.1
March	141.7	147.2	119.0	123.7	94.1	109.8	100.7	99.0	122.2
April	144.6	147.1	119.0	123.6	94.9	110.5	101.8	98.7	123.5
May	144.5	146.9	122.2	120.2	94.2	109.3	102.5	98.1	123.2
June	143.2	147.5	122.4	120.5	94.5	107.3	102.6	98.4	123.1
July	142.9	147.6	122.5	120.5	95.0	107.1	102.6	98.2	123.3
August	142.4	147.3	123.3	119.5	93.6	107.0	102.1	98.5	123.8
September	139.3	146.5	124.7	117.5	91.4	106.3	101.2	96.9	122.9
October	136.9	144.5	125.0	115.6	90.5	104.3	99.8	96.9	121.7
November	137.0	143.0	124.5	114.9	90.3	105.4	98.7	97.1	122.2
December	136.2	140.9	124.4	113.3	89.3	105.1	97.8	96.2	122.2
1982					(NA)				
January	³ 135.1	138.4	126.1	109.8		104.2	96.7	94.5	123.3
February	135.7	139.9	125.3	111.7		104.2	96.5	93.2	122.1
March	r134.7	139.2	r125.1	r111.3		r104.0	96.6	92.6	r122.2
April	r136.1	138.0	r125.8	r109.7		r105.1	96.4	93.1	123.0
May	r136.4	138.8	r125.2	r110.9		r104.5	97.1	93.0	r122.6
June	r135.8	137.2	124.8	109.9		r103.5	97.6	92.4	r122.0
July	r136.7	136.3	r124.1	r109.8		r104.3	98.0	92.7	122.5
August	r136.4	135.2	122.2	110.6		r103.0	98.3	93.0	r124.4
September	r138.1	134.3	121.3	110.7		r103.8	98.8	r94.8	r124.2
October	r139.2	132.2	r120.6	r109.6		r105.2	98.4	r96.1	r122.7
November	r139.6	132.3	r118.2	r111.9		r105.5	97.5	r96.9	r123.2
December	141.2	r132.1	r116.5	r113.4		r107.3	96.5	(NA)	r124.5
1983									
January	146.2	133.5	115.3	r115.8		r108.2	r97.5		
February	⁴ 148.3	⁵ 133.2	⁶ 114.6	p116.2		p109.1	p98.5		
March									r131.2 (NA)
April									
May									
June									
July									
August									
September									
October									
November									
December									

NOTE: Series are seasonally adjusted except for those, indicated by (1), that appear to contain no seasonal movement. Current high values are indicated by (2); for series that move counter to movements in general business activity, current low values are indicated by (3). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are listed at the back of this issue. The "r" indicates revised; "p", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on pages 10 and 11.

¹Series 914 reached its high value (111.8) in September 1980.

²See "New Features and Changes for This Issue" on page iii of the February 1982 issue..

³Includes a substitute value for series 1. See "New Features and Changes for This Issue" on page iii of the March 1982 issue.

⁴Excludes series 36 and 111, for which data are not available.

⁵Excludes series 57, for which data are not available.

⁶Excludes series 77 and 95, for which data are not available.

CYCICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS

MAJOR ECONOMIC PROCESS	B1 EMPLOYMENT AND UNEMPLOYMENT							
Minor Economic Process	Marginal Employment Adjustments					Job Vacancies		Comprehensive Employment
Timing Class	L, L, L	L, C, L	L, L, L	L, C, L	L, L, L	L, Lg, U	L, Lg, U	U, C, C

Year and month	1. Average workweek of production workers, manufacturing (Hours)	21. Average weekly overtime hours, production workers, manufacturing (Hours)	2. Accession rate, manufacturing (Per 100 employees)	5. Average weekly initial claims, State unemployment insurance ² (Thous.)	3. Layoff rate, manufacturing (Per 100 employees)	4. Quit rate, manufacturing (Per 100 employees)	60. Ratio, help-wanted advertising to persons unemployed ¹ (Ratio)	46. Index of help-wanted advertising in newspapers ¹ (1967=100)	48. Employee-hours in non-agricultural establishments (Ann. rate, bil. hours)
1981			(³)		(³)		(³)		
January	40.4	3.0	3.5	424	1.4	1.4	0.474	128	171.34
February	39.7	2.8	3.5	410	1.3	1.4	0.478	129	170.20
March	39.9	2.8	3.4	413	1.3	1.3	0.467	125	170.77
April	40.1	3.0	3.4	395	1.1	1.3	0.447	118	169.57
May	40.2	3.1	3.1	401	1.3	1.3	0.432	118	170.80
June	40.1	3.0	3.4	405	1.3	1.4	0.448	121	170.70
July	40.0	3.0	3.4	395	1.0	1.5	0.466	123	171.04
August	39.9	3.0	3.2	421	1.4	1.3	0.440	119	170.96
September	39.4	2.7	2.9	483	1.7	1.3	0.403	112	167.34
October	39.5	2.7	2.9	517	2.2	1.2	0.378	110	169.73
November	39.3	2.5	3.1	539	2.3	1.1	0.366	111	168.76
December	39.1	2.4	2.7	551	2.2	1.1	0.346	109	168.66
1982									
January	37.6	2.3	(NA)	563	(NA)	(NA)	0.338	106	165.66
February	39.4	2.4		514			0.317	103	168.93
March	39.0	2.3		566			0.289	96	167.92
April	39.0	2.4		566			0.255	88	167.23
May	39.1	2.3		585			0.249	87	167.99
June	39.2	2.4		551			0.242	85	166.52
July	39.2	2.4		533			0.228	83	166.16
August	39.0	2.4		605			0.212	78	165.61
September	38.8	2.3		653			0.192	73	165.59
October	38.8	2.3		651			0.195	76	164.38
November	38.9	2.3		616			0.195	78	163.43
December	38.9	2.3		531			0.205	83	164.24
1983									
January	39.8	2.3		507			0.216	83	165.85
February	p38.9	p2.4		478			p0.215	p83	p163.76
April									
May									
June									
July									
August									
September									
October									
November									
December									

See note on page 60.

Graphs of these series are shown on pages 12, 16, and 17.

¹The following series reached their high values before 1981: Series 2 (3.7) in October 1980, series 60 (0.497) in November 1980, and series 46 (134) in November 1980. ²Data exclude Puerto Rico, which is included in figures published by the source agency. ³See "New Features and Changes for This Issue" (item 2) on page iii of the February 1982 issue.

MAJOR ECONOMIC PROCESS		B1 EMPLOYMENT AND UNEMPLOYMENT—Continued								
Minor Economic Process		Comprehensive Employment—Continued				Comprehensive Unemployment				
Timing Class		U, C, C	C, C, C	L, C, U	U, Lg, U	L, Lg, U	L, Lg, U	L, Lg, U	Lg, Lg, Lg	Lg, Lg, Lg
Year and month		42. Persons engaged in non-agricultural activities, labor force survey (Thous.)	41. Employees on nonagricultural payrolls, establishment survey (Thous.)	40. Employees in goods-producing industries (mining, mfg., construction) (Thous.)	90. Ratio, civilian employment to total population of working age (Percent)	37. Number of persons unemployed, labor force survey (Thous.)	43. Unemployment rate, total (Percent)	45. Average weekly insured unemployment rate, State programs ¹ (Percent)	91. Average duration of unemployment (Weeks)	44. Unemployment rate, persons unemployed 15 weeks and over (Percent)
1981										
January	96,544	90,909	25,588	58.38	8,048	7.5	3.5	14.3	2.2	
February	96,803	90,913	25,501	58.43	8,032	7.4	3.4	14.0	2.2	
March	97,148	91,014	25,588	58.58	7,967	7.3	3.4	13.9	2.1	
April	97,487	91,099	25,534	58.80	7,860	7.2	3.3	13.7	2.0	
May	97,597	91,131	25,540	58.72	8,133	7.5	3.3	13.5	2.0	
June	97,033	91,286	25,656	58.31	8,047	7.4	3.2	14.1	2.1	
July	97,428	91,396	25,718	58.44	7,854	7.2	3.2	14.0	2.0	
August	97,313	91,322	25,637	58.36	8,053	7.4	3.2	14.3	2.0	
September	96,746	91,363	25,583	57.94	8,271	7.6	3.3	13.6	2.1	
October	96,981	91,224	25,393	58.02	8,673	8.0	3.5	13.5	2.1	
November	96,840	90,996	25,176	57.88	9,025	8.3	3.8	13.2	2.2	
December	96,458	90,642	24,908	57.51	9,389	8.6	4.1	12.9	2.2	
1982										
January	96,309	90,460	24,684	57.46	9,346	8.6	4.1	13.4	2.2	
February	96,328	90,459	24,631	57.41	9,669	8.8	4.1	14.0	2.5	
March	96,230	90,304	24,450	57.29	9,881	9.0	4.3	13.9	2.7	
April	96,128	90,083	24,289	57.17	10,256	9.3	4.5	14.3	2.8	
May	96,548	90,166	24,255	57.40	10,384	9.4	4.5	14.9	3.0	
June	96,310	89,839	23,994	57.17	10,466	9.5	4.5	16.3	3.2	
July	96,143	89,535	23,840	57.06	10,828	9.8	4.5	15.6	3.2	
August	96,254	89,313	23,657	57.06	10,931	9.9	4.7	16.1	3.3	
September	96,180	89,264	23,530	56.92	11,315	10.2	5.0	16.6	3.5	
October	95,763	88,877	23,239	56.65	11,576	10.5	5.2	17.1	3.8	
November	95,670	88,750	23,081	56.57	11,906	10.7	5.2	17.3	4.1	
December	95,682	r88,565	r22,986	56.50	12,036	10.8	5.0	18.0	4.3	
1983										
January	95,691	r88,895	r23,141	56.46	11,446	10.4	4.5	19.4	4.2	
February	95,670	p88,715	p23,018	56.38	11,490	10.4	p4.5	19.0	4.2	
April										
May										
June										
July										
August										
September										
October										
November										
December										

See note on page 60.

Graphs of these series are shown on pages 14, 15, 17, and 18.

¹Data exclude Puerto Rico, which is included in figures published by the source agency.

CYCICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B2 PRODUCTION AND INCOME							
Minor Economic Process	Comprehensive Output and Income				Industrial Production			
Timing Class	C, C, C	C, C, C	C, C, C	C, C, C	C, C, C	C, L, L	C, C, C

Year and month	50. Gross national product in 1972 dollars (Ann. rate, bil. dol.)	Personal income		51. Personal income, less transfer payments, in 1972 dollars (Ann. rate, bil. dol.)	53. Wages and salaries in mining, mfg., and construction in 1972 dollars (Ann. rate, bil. dol.)	47. Index of industrial production, total (1967=100)	73. Index of industrial production, durable manufactures (1967=100)	74. Index of industrial production, nondurable manufactures (1967=100)	49. Value of goods output in 1972 dollars (Ann. rate, bil. dol.)
		223. Current dollars (Ann. rate, bil. dol.)	52. Constant (1972) dollars (Ann. rate, bil. dol.)						
1981									
January	1,507.8	2,308.1	1,227.1	1,056.2	234.3	151.4	141.0	165.6	692.8
February		2,330.1	1,232.2	1,061.9	232.2	151.8	140.8	166.2	
March .....	...	2,351.7	1,234.5	1,064.0	231.9	152.1	142.1	165.3	...
April .....	...	2,364.5	1,234.7	1,064.5	231.6	151.9	142.5	165.9	
May	1,502.2	2,379.1	1,234.0	1,065.0	231.5	152.7	143.5	166.4	689.8
June .....	...	2,398.4	1,239.5	1,069.4	232.1	152.9	143.2	165.8	...
July .....	...	2,436.3	1,248.1	1,071.8	231.8	153.9	143.6	167.1	
August	1,510.4	2,459.6	1,253.6	1,078.3	231.2	153.6	143.4	167.3	697.2
September .....	...	2,478.6	1,253.1	1,077.9	228.9	151.6	140.9	165.9	...
October .....	...	2,487.2	1,251.1	1,076.5	228.1	149.1	137.8	162.8	
November	1,490.1	2,499.0	1,250.1	1,074.3	226.2	146.3	134.4	160.3	678.0
December .....	...	2,497.6	1,245.7	1,069.3	223.2	143.4	131.3	157.4	...
1982									
January	1,470.7	2,499.1	1,236.0	1,061.7	222.4	140.7	127.1	155.1	
February		2,513.8	1,243.8	1,068.8	223.8	142.9	129.3	157.8	661.8
March .....	...	2,518.6	1,245.0	1,068.3	221.7	141.7	128.2	157.3	
April .....	...	2,535.5	1,249.6	1,070.3	220.9	140.2	126.7	156.1	
May	1,478.4	2,556.2	1,256.7	1,077.4	220.1	139.2	126.1	155.0	663.2
June .....	...	2,566.3	1,248.8	1,070.3	217.3	138.7	125.5	155.3	...
July .....	...	2,588.3	1,251.0	1,067.5	215.5	138.8	125.9	155.7	
August	1,481.1	2,592.0	1,248.6	1,065.4	213.6	138.4	124.9	156.9	665.1
September .....	...	2,597.2	1,245.1	1,061.3	212.1	137.3	123.5	156.7	...
October .....	...	r2,609.4	r1,242.6	r1,055.6	209.4	135.7	120.3	156.2	
November	r1,477.2	r2,627.7	r1,251.3	r1,061.0	208.5	r134.9	119.3	r155.3	
December		r2,635.0	r1,254.2	r1,063.2	208.9	r135.2	r119.8	r155.8	r655.3
1983									
January		r2,640.2	r1,252.5	r1,065.0	r212.1	r136.9	r122.1	r156.9	
February		1,513.1	p1,253.2	p1,065.6	p212.2	p137.3	p123.4	p156.8	
April									
May									
June									
July									
August									
September									
October									
November									
December									

See note on page 60.

Graphs of these series are shown on pages 14, 19, 20, and 40.

MAJOR ECONOMIC PROCESS	B2 PRODUCTION AND INCOME—Continued		B3 CONSUMPTION, TRADE, ORDERS, AND DELIVERIES						
Minor Economic Process	Capacity Utilization			Orders and Deliveries					
Timing Class	L, C, U	L, C, U	L, L, L	L, L, L	L, L, L	L, L, L	L, L, U	L, L, L

Year and month	83. Rate of capacity utilization, manufacturing (BEA)	82. Rate of capacity utilization, manufacturing (FRB)	84. Rate of capacity utilization, materials	Value of manufacturers' new orders, durable goods industries		8. New orders for consumer goods and materials in 1972 dollars	(Bil. dol.)	25. Change in unfilled orders, durable goods industries	(Bil. dol.)	96. Manufacturers' unfilled orders, durable goods industries	(Bil. dol.)	32. Vendor performance, companies receiving slower deliveries (1)
	(Percent)	(Percent)	(Percent)	6. Current dollars	7. Constant (1972) dollars							
1981												
January .....	...	...	...	82.53	38.23	33.08	1.10	311.15	46			
February .....	...	79.9	82.2	82.70	38.15	34.36	0.52	311.67	50			
March	78	...	...	83.86	38.45	33.88	0.35	312.02	52			
April .....	...	...	...	86.41	39.28	34.54	1.62	313.64	56			
May .....	...	79.8	81.2	87.40	39.51	35.07	1.96	315.60	52			
June	78	...	...	86.91	39.03	35.01	0.02	315.62	48			
July .....	...	...	...	87.58	39.12	34.66	1.84	317.46	46			
August .....	...	79.3	81.1	84.82	37.70	33.11	-0.40	317.06	48			
September	76	...	...	84.46	37.42	32.83	-0.22	316.84	43			
October .....	...	74.8	75.2	77.19	34.08	30.75	-4.07	312.77	38			
November .....	...	74.8	75.2	78.59	34.47	30.05	-1.69	311.08	32			
December	72	...	...	76.42	33.47	30.05	-2.71	308.37	30			
1982												
January .....	...	71.6	72.0	75.06	32.82	28.82	-0.49	307.88	32			
February .....	...	...	...	76.31	33.37	29.24	-1.67	306.21	36			
March	72	...	...	77.86	33.98	30.23	-0.26	305.95	35			
April .....	...	...	...	76.19	33.20	29.10	-0.94	305.00	31			
May .....	...	70.3	69.6	75.71	32.87	30.53	-3.81	301.19	30			
June	71	...	...	74.55	32.23	30.07	-4.33	296.87	38			
July .....	...	...	...	76.45	33.01	30.74	-2.59	294.27	37			
August .....	...	69.7	68.1	72.98	31.50	29.68	-4.26	290.01	40			
September	69	...	...	73.27	31.54	29.67	-3.30	286.71	40			
October .....	...	...	...	69.60	29.93	27.70	-2.75	283.96	44			
November .....	...	67.6	65.8	70.61	30.25	28.11	-2.10	281.86	40			
December	p68	...	...	76.59	32.75	28.21	3.22	285.08	38			
1983												
January				r80.92	r34.66	r31.22						
February				p77.70	p32.99	p31.19						
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												

See note on page 60.

Graphs of these series are shown on pages 12, 20, and 21.

CYCICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B3 CONSUMPTION, TRADE, ORDERS, AND DELIVERIES—Continued							B4 FIXED CAPITAL INVESTMENT
Minor Economic Process	Consumption and Trade							Formation of Business Enterprises
Timing Class	C, C, C	C, C, C	C, L, C	C, L, U	U, L, U	L, C, C	L, L, L	L, L, L

Year and month	Manufacturing and trade sales		75. Index of industrial production, consumer goods (1967=100)	Sales of retail stores		55. Personal consumption expenditures, automobiles (Ann. rate, bil. dol.)	58. Index of consumer sentiment (1st Q 1966=100)	12. Index of net business formation (1967=100)	13. Number of new business incorporations (Number)
	56. Current dollars (Mil. dol.)	57. Constant (1972) dollars (Mil. dol.)		54. Current dollars (Mil. dol.)	59. Constant (1972) dollars (Mil. dol.)				
1981				Revised ²	Revised ²				
January	347,858	160,549	146.9	85,355	45,571	...	71.4	121.6	46,039
February	348,653	160,469	147.8	86,058	45,654	71.6	66.9	120.7	48,588
March	350,281	160,614	148.3	86,978	45,874	...	66.5	120.8	47,972
April	352,855	161,180	148.9	86,746	45,512	...	72.4	121.9	49,413
May	353,698	160,775	150.7	86,939	45,375	63.0	76.3	119.1	48,997
June	356,524	161,968	150.3	87,948	45,759	...	73.1	117.3	49,172
July	355,236	160,810	150.7	87,759	45,377	...	74.1	118.2	49,038
August	354,520	159,755	149.6	88,775	45,737	71.5	77.2	118.7	48,631
September	353,725	159,193	147.8	88,562	45,323	...	73.1	117.6	48,450
October	346,605	155,344	146.5	87,231	44,506	...	70.3	114.8	47,947
November	344,943	155,069	144.0	87,358	44,480	62.8	62.5	117.4	49,413
December	341,330	153,281	142.0	87,409	44,415	...	64.3	115.2	47,556
1982									
January	334,579	150,131	139.6	86,542	43,642	...	71.0	113.2	43,330
February	340,571	153,317	141.8	88,049	44,492	68.0	66.5	115.6	47,234
March	342,121	153,878	141.5	87,701	44,361	...	62.0	113.5	46,899
April	339,835	152,207	142.1	88,468	44,726	...	65.5	115.6	46,876
May	349,096	155,982	143.6	90,813	45,750	67.8	67.5	r114.8	46,995
June	346,126	153,903	144.8	88,603	44,235	...	65.7	r112.6	45,936
July	344,603	153,618	145.8	89,469	44,490	...	65.4	r112.5	44,525
August	339,464	151,683	144.1	89,069	44,247	69.5	65.4	r111.9	46,981
September	339,470	151,612	143.4	89,897	44,548	...	69.3	r110.3	45,552
October	332,537	r148,436	142.2	90,905	44,847	...	73.4	r111.4	45,530
November	r335,604	r150,225	r141.3	92,492	45,765	r78.3	72.1	r112.8	48,474
December	r334,286	r150,560	r142.1	92,459	45,817		71.9	r114.3	57,507
1983									
January	p340,448 (NA)	p153,861 (NA)	r143.7 p144.4	92,117 p91,745	45,602 p45,599		70.4 74.6	r115.9 p118.7	(NA)
April									
May									
June									
July									
August									
September									
October									
November									
December									

See note on page 60.

Graphs of these series are shown on pages 12, 14, 22, and 23.

¹Series 12 reached its high value (122.7) in December 1980.²See "New Features and Changes for This Issue," page iii.

MAJOR ECONOMIC PROCESS	B4 FIXED CAPITAL INVESTMENT—Continued							
Minor Economic Process	Business Investment Commitments							
Timing Class	L, L, L	L, L, L	L, L, L	L, L, L	L, C, U		U, Lg, U	C, Lg, Lg
Year and month	Contracts and orders for plant and equipment	Value of manufacturers' new orders, capital goods industries, nondefense	9. Construction contracts for commercial and industrial buildings ^{1,2}	11. Newly approved capital appropriations, 1,000 manufacturing corporations	97. Backlog of capital appropriations, 1,000 manufacturing corporations			
	10. Current dollars (Bil. dol.)	20. Constant (1972) dollars ¹ (Bil. dol.)	24. Current dollars (Bil. dol.)	27. Constant (1972) dollars ¹ (Bil. dol.)	Square feet of floor space (Millions)	Square meters of floor space ³ (Millions)	(Bil. dol.)	(Bil. dol.)
1981								
January	28.70	14.91	25.06	13.32	83.72	7.78	...	...
February	25.75	12.76	21.86	11.06	83.86	7.79	27.70	...
March	28.23	14.20	24.46	12.56	83.79	7.78	...	93.44
April	30.24	15.03	25.69	13.05	79.64	7.40	...	...
May	28.54	14.29	24.49	12.53	84.75	7.87	28.06	...
June	28.38	14.02	24.04	12.14	81.01	7.53	...	96.18
July	28.62	13.65	24.66	11.94	73.46	6.82	...	...
August	28.27	14.30	24.87	12.83	78.67	7.31	26.94	...
September	27.92	14.29	24.31	12.75	68.12	6.33	...	97.34
October	26.96	13.58	22.53	11.68	74.26	6.90	...	...
November	27.88	14.31	24.37	12.80	70.77	6.57	22.99	...
December	26.66	13.91	22.13	11.98	70.65	6.56	...	92.74
1982								
January	26.62	13.40	21.72	11.32	58.18	5.40	...	...
February	r28.51	r13.49	21.56	10.54	63.29	5.88	25.77	...
March	25.78	13.03	22.17	11.49	61.15	5.68	...	91.11
April	25.48	13.76	22.61	12.54	58.93	5.47	...	...
May	23.33	11.56	20.33	10.28	53.71	4.99	19.33	...
June	23.31	11.08	19.28	9.35	64.87	6.03	...	82.82
July	23.33	10.96	20.32	9.68	57.80	5.37	...	...
August	23.03	11.30	18.89	9.53	59.78	5.55	r18.48	...
September	24.54	12.25	20.27	10.43	55.95	5.20	...	r74.29
October	23.51	11.99	20.18	10.57	54.65	5.08	...	...
November	23.82	11.40	20.17	9.88	50.69	4.71	p21.52	...
December	24.84	r12.99	20.15	11.06	49.55	4.60	...	p71.15
1983								
January	r23.31	r11.78	r20.47	r10.63	66.89	6.21	...	...
February	p24.01	p11.55	p18.97	p9.50	57.77	5.37	...	...
April								
May								
June								
July								
August								
September								
October								
November								
December								

See note on page 60.

Graphs of these series are shown on pages 12, 23, and 24.

¹The following series reached their high values before 1981: Series 20 (15.66) in December 1980, series 27 (14.12) in December 1980, and series 9 (90.80 square feet and 8.44 square meters) in November 1980. ²This is a copyrighted series used by permission; it may not be reproduced without written permission from McGraw-Hill Information Systems Company, F.W. Dodge Division. ³Converted to metric units by the Bureau of Economic Analysis.

MAJOR ECONOMIC PROCESS	B4 FIXED CAPITAL INVESTMENT—Continued								
Minor Economic Process	Business Investment Expenditures						Residential Construction Commitments and Investment		
Timing Class	C, Lg, Lg	C, Lg, Lg	C, Lg, U	C, Lg, C	Lg, Lg, Lg	C, Lg, C	L, L, L	L, L, L	L, L, L

Year and month	61. Business expenditures for new plant and equipment, total	69. Machinery and equipment sales and business construction expenditures	76. Index of industrial production, business equipment	Nonresidential fixed investment in 1972 dollars			28. New private housing units started, total	29. Index of new private housing units authorized by local building permits	89. Residential fixed investment, total, in 1972 dollars
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(1967=100)	86. Total	87. Structures	88. Producers' durable equipment	(Ann. rate, bil. dol.)	(Ann. rate, thous.)	(1967=100)
1981									
January .....	...	332.78	177.7	...	...	...	1,588	99.8	
February	312.24	331.57	177.5	169.7	49.5	120.1	1,279	96.6	49.6
March .....	...	344.52	179.3	...	...	...	1,305	94.7	...
April .....	...	344.36	181.0	...	...	...	1,332	95.8	
May	316.73	345.78	182.0	170.1	51.0	119.1	1,150	95.2	47.3
June .....	...	353.20	183.6	...	...	...	1,047	79.6	...
July .....	...	348.42	184.8	173.9	52.5	121.4	1,035	76.0	
August	4328.25	357.31	184.4	...	...	...	949	70.9	42.9
September .....	...	4360.38	182.7	...	...	...	900	67.4	...
October .....	...	349.27	180.5	...	...	...	866	59.6	
November	327.83	358.67	179.0	4174.2	53.3	120.9	839	60.0	39.9
December .....	...	356.78	179.0	...	...	...	906	64.4	...
1982									
January .....	...	330.07	172.2	...	...	...	877	64.9	
February	327.72	342.57	171.6	172.0	53.5	118.5	911	64.0	38.9
March .....	...	343.72	169.0	...	...	...	920	68.7	...
April .....	...	325.51	164.9	...	...	...	911	71.0	
May	323.22	335.59	159.9	166.7	453.7	113.0	1,028	76.3	40.1
June .....	...	331.34	156.7	...	...	...	910	75.0	...
July .....	...	323.71	154.9	...	...	...	1,185	85.8	
August	315.79	314.09	153.9	163.4	53.0	110.4	1,046	71.7	39.5
September .....	...	320.97	150.5	...	...	...	1,134	81.0	...
October .....	...	309.21	147.1	...	...	...	1,142	94.7	
November	302.77	310.90	146.4	4160.9	452.3	4108.6	1,361	96.3	42.9
December .....	...	4316.21	148.3	...	...	...	41,280	105.4	
1983									
January .....	...	ra302.25	p311.85 (NA)	ra146.7	p145.0	...	ra1,707	119.4	
February .....	...	...	...	...	...	...	ra1,756	120.6	
March .....	...	ra302.20	...	...	...	...	...	...
April .....	...	...	...	...	...	...	...	...
May .....	...	...	...	...	...	...	...	...
June .....	...	...	...	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 13, 24, and 25.

MAJOR ECONOMIC PROCESS	B5 INVENTORIES AND INVENTORY INVESTMENT									
Minor Economic Process	Inventory Investment					Inventories on Hand and on Order				
Timing Class	L, L, L	L, L, L		L, L, L	L, L, L	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg	L, L, Lg
Year and month	30. Change in business inventories in 1972 dollars	36. Change in inventories on hand and on order, 1972 dollars	31. Change in book value of mfg. and trade inventories, total	38. Change in stocks of materials and supplies on hand and on order, mfg. ²	Manufacturing and trade inventories		65. Manufacturers' inventories of finished goods, book value	77. Ratio, constant-dollar inventories to sales, mfg. and trade	78. Stocks of materials and supplies on hand and on order, mfg.	
	(Ann. rate, bil. dol.)	Monthly data (Ann. rate, bil. dol.)	Smoothed data ¹ (Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Bil. dol.)	(Bil. dol.)	(Bil. dol.)	(Ratio)	(Bil. dol.)	
1981										
January .....	...	-15.14	-6.36	33.9	0.58	485.40	262.33	79.42	1.63	222.47
February	2.4	15.31	-5.79	58.7	0.77	490.29	263.33	80.56	1.64	223.24
March .....	...	-5.82	-1.92	25.3	-0.34	492.40	263.10	82.36	1.64	222.90
April .....	...	-0.13	0.62	21.3	1.31	494.18	263.41	82.10	1.63	224.21
May	12.1	18.37	3.63	43.6	1.64	497.81	264.70	83.55	1.65	225.85
June .....	...	16.88	7.92	44.6	0.55	501.53	265.92	84.00	1.64	226.40
July .....	...	5.68	12.68	38.6	1.88	504.74	266.53	84.22	1.66	228.28
August	16.5	4.98	11.41	64.3	-1.09	510.10	267.56	85.65	1.67	227.19
September .....	...	14.94	8.86	63.0	1.12	515.35	269.42	86.86	1.69	228.32
October .....	...	-0.94	7.43	34.7	-2.71	518.24	270.47	88.05	1.74	225.61
November	4.8	-2.92	5.01	40.0	-1.26	521.57	271.17	88.50	1.75	224.35
December .....	...	-20.29	-2.18	-26.2	-1.22	519.39	269.85	87.66	1.76	223.13
1982										
January .....	...	-33.56	-13.49	-37.7	-2.96	516.26	267.69	86.84	1.78	220.17
February	-15.4	-27.19	-22.97	-28.2	-2.64	513.91	266.45	87.90	1.74	217.53
March .....	...	-8.68	-25.08	-10.2	-2.11	513.05	265.98	88.49	1.73	215.42
April .....	...	-7.33	-18.77	24.2	-1.67	515.07	266.54	87.39	1.75	213.75
May	-4.4	-27.00	-14.37	-54.7	-2.33	510.52	264.54	86.56	1.70	211.42
June .....	...	-7.33	-14.11	29.6	-4.04	512.98	265.18	85.90	1.72	207.39
July .....	...	1.02	-12.50	4.9	-0.80	513.39	265.56	86.61	1.73	206.59
August	3.4	-12.78	-8.73	14.0	-2.21	514.55	265.46	86.68	1.75	204.38
September .....	...	2.63	-4.70	10.1	-2.02	515.40	266.03	86.40	1.75	202.36
October .....	...	r-16.28	r-5.93	-14.1	-1.90	514.22	r265.23	86.37	1.79	200.47
November	r-20.3	r-40.88	r-13.49	-67.1	-1.56	508.63	r262.25	85.41	1.75	198.91
December .....	...	r-20.46	r-22.02	r-52.2	-1.19	r504.28	r261.00	83.52	r1.73	197.72
1983										
January .....	...	p-16.51 (NA)	p-25.91 (NA)	p-39.1 (NA)	p-0.43 (NA)	p501.02 (NA)	p259.09 (NA)	81.99 (NA)	p1.68 (NA)	p197.29 (NA)
February .....	...								
March .....	...								
April .....	...								
May .....	...								
June .....	...								
July .....	...								
August .....	...								
September .....	...								
October .....	...								
November .....	...								
December .....	...								

See note on page 60.

Graphs of these series are shown on pages 13, 15, 26, and 27.

¹This series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span.²Series 38 reached its high value (1.97) in July 1980.

CYCICAL INDICATORS

CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B6 PRICES, COSTS, AND PROFITS								
Minor Economic Process	Sensitive Commodity Prices			Stock Prices	Profits and Profit Margins				
Timing Class	L, L, L	U, L, L	L, L, L	L, L, L	L, L, L	L, L, L	L, C, L	L, C, L	L, L, L

Year and month	98. Change in producer prices for 28 sensitive materials	23. Index of spot market prices, raw industrials ^{1, 2} (11)	99. Change in sensitive materials prices		19. Index of stock prices, 500 common stocks (1941-43=10)	Corporate profits after taxes		Corporate profits after taxes with IVA and CCAdj ⁴		22. Ratio, profits (after taxes) to total corporate domestic income ²
	(Percent)	(1967=100)	Monthly data	Smoothed data ^{2, 3}	(1941-43=10)	16. Current dollars	18. Constant (1972) dollars ²	79. Current dollars	80. Constant (1972) dollars	(Percent)
1981										
January	-1.81	291.6	-1.60	0.16	132.97	161.6	84.0	108.9	56.8	9.8
February	-2.50	284.2	-2.08	-0.80	128.40	...	...	...	...	...
March	0.64	289.8	0.92	-1.15	133.19	...	...	...	...	...
April	0.94	293.0	0.83	-0.52	134.43	...	...	...	...	...
May	0.10	288.9	-0.37	0.17	131.73	146.2	74.2	105.9	54.1	8.8
June	0.30	282.9	-0.45	0.23	132.28	...	...	...	...	...
July	-1.19	286.6	-0.25	-0.18	129.13	...	...	...	...	...
August	-1.34	289.5	-0.41	-0.36	129.63	150.8	75.4	110.7	55.6	8.8
September	-2.37	283.0	-1.91	-0.61	118.27	...	...	...	...	...
October	-1.08	277.2	-1.14	-1.00	119.80	...	...	...	...	...
November	-2.18	270.5	-1.88	-1.40	122.92	144.9	71.2	112.3	55.5	8.1
December	-0.72	264.2	-1.05	-1.50	123.79	...	...	...	...	...
1982										
January	0.87	263.4	0.35	-1.11	117.28	...	...	...	...	...
February	-1.40	261.0	-0.97	-0.71	114.50	115.0	56.3	100.4	49.2	6.7
March	-0.22	254.5	-0.89	-0.53	110.84	...	...	...	...	...
April	-0.76	247.4	-1.21	-0.76	116.31	...	...	...	...	...
May	0.11	245.5	-0.18	-0.89	116.35	116.3	56.2	100.0	48.5	6.7
June	0.29	232.2	-1.45	-0.85	109.70	...	...	...	...	...
July	-0.33	237.0	0.41	-0.68	109.38	...	...	...	...	...
August	-2.46	236.2	-1.38	-0.61	109.65	119.4	57.1	105.3	50.4	6.9
September	-0.26	239.0	0.19	-0.53	122.43	...	...	...	...	...
October	r-0.23	235.5	r-0.51	r-0.41	132.66	...	...	...	...	...
November	r-0.49	230.4	r-0.93	r-0.49	138.10	p119.4	p56.8	p108.1	p51.5	p6.6
December	0.15	227.4	-0.28	-0.50	139.37	...	...	...	...	...
1983										
January	2.73	232.1	2.03	r-0.15	144.27	...	...	...	...	...
February	3.43	241.3	2.96	0.92	146.80	...	...	...	...	...
March		248.0			151.94	...	...	...	...	...
April .....						...	...	...	...	...
May .....						...	...	...	...	...
June .....						...	...	...	...	...
July .....						...	...	...	...	...
August .....						...	...	...	...	...
September .....						...	...	...	...	...
October .....						...	...	...	...	...
November .....						...	...	...	...	...
December .....						...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 13, 28, and 29.

¹Beginning with June 1981, this series is based on copyrighted data used by permission; it may not be reproduced without written permission from Commodity Research Bureau, Inc. ²The following series reached high values before 1981: Series 23 (304.7) in Nov. 1980, series 99 smoothed (1.96) in Sept. 1980, series 18 (84.2) in III Q 1980, and series 22 (9.9) in IV Q 1980. ³See footnote 1 on page 68. ⁴IVA, inventory valuation adjustment; CCAdj, capital consumption adjustment. ⁵Average for March 1-22. ⁶Average for March 2, 9, 16, and 23.

I**CYCICAL INDICATORS****B****CYCICAL INDICATORS BY ECONOMIC PROCESS—Continued**

MAJOR ECONOMIC PROCESS	B6 PRICES, COSTS, AND PROFITS—Continued							
Minor Economic Process	Profits and Profit Margins—Continued			Cash Flows		Unit Labor Costs and Labor Share		
Timing Class	U, L, L	L, L, L	L, L, L	L, L, L	L, L, L	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg

Year and month	81. Ratio, profits (after taxes) with IVA and CCAdj to corp. domestic income ¹ (Percent)	15. Profits (after taxes) per dollar of sales, all manufacturing corporations (Cents)	26. Ratio, price to unit labor cost, nonfarm business sector (1977=100)	Net cash flow, corporate		63. Index of unit labor cost, private business sector (1977=100)	68. Labor cost per unit of real gross domestic product, non-financial corporations (Dollars)	62. Index of labor cost per unit of output, manufacturing		64. Compensation of employees as a percent of national income (Percent)
				34. Current dollars (Ann. rate, bil. dol.)	35. Constant (1972) dollars (Ann. rate, bil. dol.)			Actual data	Actual data as a percent of trend (Percent)	
1981										
January	6.0	4.9	98.2	279.0	141.2	139.0	1,267	202.6	100.6	100.6
February .....	...	...	...	...	...	...	...	203.6	100.4	100.4
March .....	...	...	...	...	...	...	...	204.4	100.1	100.1
April	6.0	5.0	97.9	267.7	132.0	141.5	1,289	206.1	100.2	100.2
May .....	...	...	...	...	...	...	...	207.4	100.1	100.1
June .....	...	...	...	...	...	...	...	208.9	100.1	100.1
July	6.1	4.8	98.1	276.5	133.9	144.2	1,315	208.9	99.4	99.4
August .....	...	...	...	...	...	...	...	209.9	99.1	99.1
September .....	...	...	...	...	...	...	...	212.6	99.7	99.7
October	5.9	4.4	97.7	277.5	131.8	147.9	1,349	216.6	100.8	100.8
November .....	...	...	...	...	...	...	...	219.9	101.7	101.7
December .....	...	...	...	...	...	...	...	222.5	102.2	102.2
1982										
January	5.7	3.9	96.7	254.9	120.6	150.9	1,376	227.9	103.9	103.9
February .....	...	...	...	...	...	...	...	226.0	102.4	102.4
March .....	...	...	...	...	...	...	...	225.8	101.6	101.6
April	5.6	3.7	96.5	263.5	123.3	152.9	1,388	228.0	101.9	101.9
May .....	...	...	...	...	...	...	...	230.7	102.4	102.4
June .....	...	...	...	...	...	...	...	231.3	102.0	102.0
July	6.0	3.5	96.8	272.6	128.6	153.8	1,392	230.2	100.9	100.9
August .....	...	...	...	...	...	...	...	229.6	100.0	100.0
September .....	...	...	...	...	...	...	...	229.7	99.4	99.4
October	p5.9	(NA)	97.0	p278.9	p131.4	p154.4	p1,406	231.0	99.3	99.3
November .....	...	...	...	...	...	...	...	231.7	98.9	98.9
December .....	...	...	...	...	...	...	...	r230.3	r97.7	r97.7
1983										
January .....	...	...	...	...	...	...	...	r230.5	97.1	97.1
February .....	...	...	...	...	...	...	...	p230.3	p96.4	p96.4
April .....	...	...	...	...	...	...	...	...	...	...
May .....	...	...	...	...	...	...	...	...	...	...
June .....	...	...	...	...	...	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 15, 29, and 30.

¹IVA, inventory valuation adjustment; CCAdj, capital consumption adjustment.

CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B7 MONEY AND CREDIT							
Minor Economic Process	Money				Velocity of Money		Credit Flows	
Timing Class	L, L, L	L, C, U	L, L, L	L, L, L	L, L, L	C, C, C	C, Lg, C	L, L, L

Year and month	85. Change in money supply (M1) (Percent)	102. Change in money supply (M2) (Percent)	104. Change in total liquid assets		105. Money supply (M1) in 1972 dollars (Bil. dol.)	106. Money supply (M2) in 1972 dollars (Bil. dol.)	107. Ratio, gross national product to money supply (M1) (Ratio)	108. Ratio, personal income to money supply (M2) (Ratio)	33. Net change in mortgage debt held by financial institutions and life insurance companies ² (Ann. rate, bil. dol.)
			Monthly data (Percent)	Smoothed data ¹ (Percent)					
1981	(^a)	(^a)	Revised ³	Revised ³	(^a)	(^a)	(^a)	(^a)	
January	r0.63	r0.49	1.07	0.89	r199.9	r785.9	...	r1.409	55.82
February	r0.77	r0.85	1.05	0.96	r199.9	r786.5	r6.815	r1.410	60.60
March	r1.10	r1.20	0.66	0.95	r200.5	r789.7	...	r1.407	46.93
April	r1.22	r0.87	0.46	0.82	r202.1	r793.2	...	r1.402	54.62
May	r0.00	r0.43	1.00	0.72	r200.4	r789.8	r6.752	r1.405	42.05
June	r0.05	r0.71	1.19	0.80	r198.9	r789.3	...	r1.406	47.48
July	r0.49	r0.86	0.97	0.97	r197.6	r787.1	...	r1.416	60.85
August	r0.44	r1.23	(H) 1.36	1.11	r196.8	r790.1	(H) r6.883	r1.412	34.20
September	r-0.09	r0.59	0.94	(H) 1.13	r194.7	r786.7	...	r1.415	26.76
October	r-0.05	r0.69	0.93	1.08	193.9	789.3	6.879	1.410	22.79
November	0.60	0.95	1.02	1.02	194.2	793.1	...	1.403	21.66
December	1.08	0.80	0.64	0.91	195.5	796.4	...	1.391	5.14
1982									
January	1.63	0.85	0.85	0.85	198.1	800.9	...	1.381	22.08
February	0.04	0.31	0.90	0.82	198.1	802.8	6.685	1.384	16.39
March	0.13	0.72	0.92	0.84	198.4	808.9	...	1.377	3.54
April	0.16	0.34	0.65	0.86	198.2	809.7	...	1.382	8.74
May	0.69	0.84	1.00	0.84	197.6	808.2	6.742	1.381	3.22
June	0.22	r0.75	1.08	0.88	195.9	r805.6	...	1.376	-9.77
July	0.22	r0.88	1.13	0.99	195.2	807.9	...	1.376	-5.96
August	0.86	1.21	0.90	1.05	196.3	815.2	6.734	1.362	-7.22
September	1.07	0.70	0.60	0.96	198.2	820.1	...	1.355	-3.37
October	r1.19	r0.66	p0.89	p0.84	199.7	r822.1	...	r1.352	-55.37
November	1.13	0.79	(NA)	(NA)	r201.9	r828.6	r6.563	r1.351	-9.05
December	r0.89	r0.74			r204.3	r837.1		r1.345	r-43.81
1983									
January	r0.82	(H) r2.48			r205.6	r856.4		1.315	
February	p1.85	p2.02			(H) p209.8	(H) p875.5		p1.290	
March	1.45								
April									
May									
June									
July									
August									
September									
October									
November									
December									

See note on page 60.

Graphs of these series are shown on pages 13, 31, and 32.

¹This series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span.²Series 33 reached its high value (82.61) in October 1980.³See "New Features and Changes for This Issue," page iii.^aAverage for weeks ended March 2, 9, and 16.

MAJOR ECONOMIC PROCESS	B7 MONEY AND CREDIT—Continued									
Minor Economic Process	Credit Flows—Continued				Credit Difficulties		Bank Reserves		Interest Rates	
Timing Class	L, L, L	L, L, L	L, L, L	L, L, L	L, L, L	L, L, L	L, U, U	L, Lg, U	L, Lg, Lg	C, Lg, Lg

Year and month	112. Net change in business loans (Ann. rate, bil. dol.)	113. Net change in consumer installment credit (Ann. rate, bil. dol.)	111. Change in credit outstanding—business and consumer borrowing (Ann. rate, percent)	110. Total private borrowing (Ann. rate, mil. dol.)	14. Current liabilities of business failures ¹ ⑪ (Mil. dol.)	39. Delinquency rate, 30 days and over, consumer installment loans (Percent)	93. Free reserves ⑫ (Mil. dol.)	94. Member bank borrowing from the Federal Reserve ⑬ (Mil. dol.)	119. Federal funds rate ⑪ (Percent)	114. Treasury bill rate ⑪ (Percent)
1981	Revised ²	Revised ²	Revised ²							
January	18.06	19.54	7.9	320,608	341.36	2.42	-1,028	1,386	19.08	14.72
February	2.09	35.65	7.7		789.20	2.51	-1,023	1,301	15.93	14.90
March	-19.30	23.12	3.3	...	485.34	2.53	-719	994	14.70	13.48
April	45.54	25.55	9.9		536.88	2.40	-1,136	1,338	15.72	13.63
May	76.20	24.02	11.9	392,040	428.20	2.40	-1,958	2,220	18.52	16.30
June	43.63	12.78	7.7	...	408.54	2.30	-1,700	2,039	19.10	14.56
July	52.49	19.28	9.9		619.46	2.22	-1,335	1,679	19.04	14.70
August	60.07	21.67	8.5	318,116	450.41	2.35	-1,122	1,417	17.82	15.61
September	58.75	33.73	9.1	...	752.34	2.28	-1,035	1,451	15.87	14.95
October	29.51	9.41	3.4		897.94	2.37	-871	1,149	15.08	13.87
November	31.56	-4.36	2.7	247,540	618.76	2.42	-348	695	13.31	11.27
December	35.57	-2.76	3.3	...	626.74	2.37	-330	642	12.37	10.93
1982										
January	67.96	21.42	8.6		645.14	2.48	-1,101	1,526	13.22	12.41
February	59.18	8.66	7.7	255,632	(NA)	2.39	-1,414	1,713	14.78	13.78
March	25.03	2.62	2.9	...		2.24	-1,254	1,611	14.68	12.49
April	61.54	19.62	6.3			2.20	-1,307	1,581	14.94	12.82
May	61.01	18.10	6.0	310,108		2.21	-745	1,105	14.45	12.15
June	19.75	20.90	2.2	...		2.16	-895	1,205	14.15	12.11
July	5.28	4.70	-2.1			2.19	-378	669	12.59	11.91
August	9.50	0.80	1.8	253,148		2.21	-199	510	10.12	9.01
September	21.22	10.04	1.2	...		2.19	-592	976	10.31	8.20
October	7.36	4.96	-3.7			2.24	-51	455	9.71	7.75
November	-75.91	15.65	-6.6	253,064		2.23	-177	579	9.20	8.04
December	-54.77	29.03	-7.3			2.18	-197	697	8.95	8.01
1983										
January	34.64	35.15	p6.1				(NA)	46	500	8.68
February	p-10.63	(NA)	(NA)					p-232	p561	8.51
March								p-248	p718	8.59
April										8.21
May										
June										
July										
August										
September										
October										
November										
December										

See note on page 60.

Graphs of these series are shown on pages 13, 32, 33, and 34.

¹Series 14 reached its high value (239.34) in November 1980.²See "New Features and Changes for This Issue," page iii.³Average for weeks ended March 2, 9, 16, and 23.⁴Average for weeks ended March 3, 10, 17, and 24.

MAJOR ECONOMIC PROCESS	87 MONEY AND CREDIT—Continued									
Minor Economic Process	Interest Rates—Continued						Outstanding Debt			
Timing Class	Lg, Lg, Lg	C, Lg, Lg	U, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg

Year and month	116. Corporate bond yields ①	115. Treasury bond yields ①	117. Municipal bond yields ①	118. Secondary market yields on FHA mortgages ②	67. Bank rates on short-term business loans ①	109. Average prime rate charged by banks ①	66. Consumer installment credit (Mil. dol.)	Commercial and industrial loans outstanding		95. Ratio, consumer installment credit to personal income (Percent)
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)		(Mil. dol.)	(Mil. dol.)	
1981							Revised ¹			Revised ¹
January	14.01	11.65	9.68	14.23	...	20.16	309,765	211,868	88,611	13.42
February	14.60	12.23	10.10	14.79	19.91	19.43	312,736	212,042	87,802	13.42
March	14.49	12.15	10.16	15.04	...	18.05	314,663	210,434	86,350	13.38
April	15.00	12.62	10.62	15.91	...	17.15	316,792	214,229	86,979	13.40
May	15.68	12.96	10.78	16.33	19.99	19.61	318,794	220,579	89,339	13.40
June	14.97	12.39	10.67	16.31	...	20.03	319,859	224,215	90,592	13.34
July	15.67	13.05	11.14	16.76	...	20.39	321,466	228,589	91,914	13.19
August	16.34	13.61	12.26	17.96	④ 21.11	④ 20.50	323,272	233,595	93,851	13.14
September	④ 16.97	④ 14.14	12.92	④ 18.55	...	20.08	326,083	238,491	96,050	13.16
October	16.96	14.13	12.83	17.43	...	18.45	326,867	240,950	96,923	13.14
November	15.53	12.68	11.89	15.98	17.23	16.84	326,504	243,580	98,178	13.07
December	15.55	12.88	12.91	16.43	...	15.75	326,274	246,544	99,253	13.06
1982										
January	16.34	13.73	④ 13.28	17.38	...	15.75	328,059	252,207	100,681	13.13
February	16.35	13.63	12.97	17.10	17.13	16.56	328,781	257,139	102,568	13.08
March	15.72	12.98	12.82	16.41	...	16.50	328,999	259,225	103,607	13.06
April	15.62	12.84	12.59	16.31	...	16.50	330,634	264,353	105,657	13.04
May	15.37	12.67	11.95	16.19	17.11	16.50	332,142	269,437	107,474	12.99
June	15.96	13.32	12.45	16.73	...	16.50	333,884	271,083	107,872	13.01
July	15.75	12.97	12.28	16.29	...	16.26	334,276	271,523	107,662	12.91
August	14.64	12.15	11.23	14.61	13.27	14.39	334,343	272,315	108,019	12.90
September	13.78	11.48	10.66	14.03	...	13.50	335,180	274,083	109,066	12.91
October	12.63	10.51	9.69	12.99	...	12.52	335,593	④ 274,696	④ 109,093	12.86
November	11.89	10.18	10.06	12.82	11.26	11.85	336,897	268,370	106,412	12.82
December	12.15	10.33	9.96	12.80	...	11.50	339,316	r263,806	r104,519	12.88
1983										
January	12.04	10.37	9.50	12.87	...	r11.16	④ 342,245	266,693	105,873	p12.96
February	12.11	10.60	9.58	12.65	10.20	10.98	(NA)	p265,807	p105,104	(NA)
March	④ 11.80	④ 10.32	④ 9.15			④ 10.50				
April										
May										
June										
July										
August										
September										
October										
November										
December										

See note on page 60.

Graphs of these series are shown on pages 15, 34, and 35.

¹See "New Features and Changes for This Issue," page iii.²Average for weeks ended March 4, 11, 18, and 25.³Average for weeks ended March 3, 10, 17, and 24.⁴Average for March 1-25.

CYCICAL INDICATORS

DIFFUSION INDEXES AND RATES OF CHANGE

C1 DIFFUSION INDEXES

Year and month	C1 DIFFUSION INDEXES											
	950. Twelve leading indicator components (series 1, 5, 8, 12, 19, 20, 29, 32, 36, 99, 106, 111)		951. Four roughly coincident indicator components (series 41, 47, 51, 57)		952. Six lagging indicator components (series 62, 77, 91, 95, 101, 109)		961. Average workweek of production workers, manufacturing (20 industries)		962. Initial claims for State unemployment insurance, week including the 12th ¹ (51 areas)		963. Number of employees on private nonagricultural payrolls (186 industries)	
1-month span	6-month span	1-month span	6-month span	1-month span	6-month span	1-month span	9-month span	1-month span	9-month span	1-month span	6-month span	
1981												
January	8.3	75.0	100.0	100.0	8.3	16.7	90.0	95.0	86.3	76.5	56.7	
February	33.3	54.2	87.5	100.0	25.0	66.7	7.5	87.5	39.2	81.4	48.7	
March	58.3	58.3	75.0	100.0	41.7	33.3	60.0	77.5	31.4	70.6	51.1	
April	100.0	45.8	50.0	75.0	83.3	66.7	72.5	60.0	64.7	19.6	68.3	
May	41.7	58.3	50.0	75.0	66.7	50.0	77.5	17.5	78.4	19.6	65.3	
June	25.0	33.3	100.0	50.0	41.7	66.7	22.5	5.0	17.6	5.9	54.0	
July	33.3	8.3	75.0	50.0	66.7	83.3	35.0	15.0	68.6	17.5	59.9	
August	41.7	16.7	25.0	25.0	50.0	66.7	35.0	12.5	58.8	9.8	50.3	
September	8.3	8.3	37.5	12.5	83.3	66.7	15.0	5.0	9.8	27.5	50.3	
October	25.0	8.3	0.0	0.0	75.0	66.7	62.5	7.5	60.8	11.8	34.7	
November	50.0	8.3	0.0	0.0	66.7	66.7	20.0	5.0	49.0	5.9	28.2	
December	29.2	25.0	0.0	0.0	75.0	50.0	30.0	5.0	22.5	7.8	31.2	
1982												
January	45.8	41.7	0.0	0.0	75.0	41.7	5.0	12.5	96.1	11.8	32.5	
February	58.3	41.7	87.5	50.0	33.3	33.3	95.0	42.5	24.5	31.4	42.5	
March	r33.3	54.2	37.5	50.0	r33.3	33.3	12.5	30.0	5.9	43.1	35.8	
April	66.7	66.7	25.0	50.0	58.3	33.3	42.5	30.0	62.7	15.7	40.9	
May	r37.5	50.0	75.0	0.0	41.7	33.3	75.0	40.0	68.6	23.5	28.8	
June	41.7	45.8	0.0	0.0	r58.3	33.3	72.5	77.5	19.6	9.8	32.0	
July	54.2	50.0	25.0	0.0	33.3	33.3	45.0	32.5	67.6	17.6	43.5	
August	58.3	50.0	0.0	0.0	33.3	16.7	25.0	r47.5	9.8	72.5	37.6	
September	58.3	r62.5	12.5	0.0	41.7	16.7	35.0	r82.5	17.6	p84.3	43.0	
October	62.5	91.7	0.0	r25.0	25.0	16.7	52.5	p35.0	88.2	(NA)	26.1	
November	58.3	r90.0	50.0	^a 16.7	r0.0	67.5	r52.5	60.8	76.5	r43.9	28.8	
December	r62.5		r75.0		r16.7					r39.0	p29.3	
1983												
January	83.3		100.0		33.3			r95.0		p68.6		
February	^a 70.0		^a 66.7		^a 25.0			p5.0		(NA)		
April										r54.0		
May										p48.1		
June												
July												
August												
September												
October												
November												
December												

NOTE: Figures are the percent of series components rising. (Half of the unchanged components are counted as rising.) Data are centered within the spans: 1-month indexes are placed on the 2d month, 6-month indexes on the 4th month, and 9-month indexes on the 6th month of the span; 1-quarter indexes are placed on the 1st month of the 2d quarter and 4-quarter indexes on the 2d month of the 3d quarter. Series are seasonally adjusted except for those, indicated by (1), that appear to contain no seasonal movement. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are listed at the back of this issue. The "r" indicates revised; "p", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on page 36.

¹Figures are the percent of components declining.

^aExcludes series 36 and 111, for which data are not available.

^bExcludes series 57, for which data are not available.

^cExcludes series 77 and 95, for which data are not available.

CYCICAL INDICATORS

DIFFUSION INDEXES AND RATES OF CHANGE—Continued

Year and month	C1 DIFFUSION INDEXES—Continued										
	964. Value of manufacturers' new orders, durable goods industries (34 industries)		965. Newly approved capital appropriations, deflated (17 manufacturing industries)		966. Index of industrial production (24 industries)		967. Index of spot market prices, raw industrials ^① (13 industrial materials)		968. Index of stock prices, 500 common stocks ^① (13)		960. Net profits, manufacturing ^② (about 600 companies)
	1-month span	9-month span	1-quarter span	4-Q moving average	1-month span	6-month span	1-month span	9-month span	1-month span	9-month span	(4-quarter span)
1981											
January	41.2	88.2	56	...	83.3	79.2	30.8	38.5	66.0	79.2	...
February	52.9	73.5	...	...	62.5	70.8	30.8	38.5	42.5	67.3	60
March	58.8	70.6	...	49	45.8	58.3	65.4	46.2	85.8	59.6	...
April	64.7	50.0	53	...	56.2	54.2	69.2	46.2	81.1	59.6	...
May	52.9	47.1	...	...	62.5	58.3	26.9	46.2	30.2	44.2	59
June	50.0	35.3	...	43	45.8	45.8	38.5	53.8	67.3	42.3	...
July	47.1	32.4	33	...	87.5	31.3	61.5	61.5	19.2	46.2	...
August	26.5	20.6	...	...	52.1	20.8	61.5	42.3	40.4	32.7	49
September	47.1	20.6	...	41	12.5	16.7	42.3	23.1	0.0	9.6	...
October	26.5	29.4	30	...	20.8	8.3	38.5	23.1	58.7	14.4	...
November	58.8	20.6	...	...	8.3	8.3	26.9	23.1	65.4	10.6	p48
December	32.4	14.7	...	34	20.8	10.4	46.2	15.4	67.3	34.6	...
1982											
January	47.1	23.5	48	...	33.3	0.0	42.3	15.4	10.6	34.6	...
February	50.0	20.6	...	...	75.0	12.5	34.6	30.8	34.6	42.3	50
March	35.3	41.2	...	39	31.3	33.3	38.5	26.9	28.8	38.5	...
April	48.5	20.6	27	...	20.8	41.7	30.8	26.9	88.5	18.0	...
May	67.6	38.2	...	...	41.7	37.5	34.6	19.2	54.8	56.0	(NA)
June	35.3	35.3	...	p52	54.2	33.3	23.1	19.2	11.5	79.6	...
July	50.0	26.5	r53		60.4	33.3	61.5	26.9	52.9	87.8	
August	32.4	29.4	...		52.1	25.0	53.8	15.4	26.5	87.8	
September	58.8	r58.8	...		41.7	r37.5	61.5	23.1	100.0	89.8	
October	41.2	p44.1	p80		25.0	r41.7	46.2	50.0	98.0	89.8	
November	64.7				r33.3	p50.0	30.8	^a 57.7	85.7		
December	38.2				r41.7		46.2		51.0		
1983											
January	67.6				87.5		61.5		63.3		
February	p44.1				p45.8		76.9		59.2		
March							^a 57.7				
April											
May											
June											
July											
August											
September											
October											
November											
December											

See note on page 74.

Graphs of these series are shown on page 37.

^①Based on 53 industries through May 1981, on 52 industries through August 1982, on 50 industries in September 1982, and on 49 industries thereafter. Data for component industries are not shown in table C2 but are available from the source.^②This is a copyrighted series used by permission; it may not be reproduced without written permission from Dun & Bradstreet, Inc.^aBased on average for March 1, 8, 15, and 22.

CYCLICAL INDICATORS

DIFFUSION INDEXES AND RATES OF CHANGE—Continued

Year and quarter	C1 DIFFUSION INDEXES—Continued								
	970. Business expenditures for new plant and equipment (22 industries)			971. New orders, manufacturing ¹ (1)		972. Net profits, manufacturing and trade ¹ (1)		973. Net sales, manufacturing and trade ¹ (1)	
	a. Actual expenditures (1-Q span)	b. Later anticipations (1-Q span)	c. Early anticipations (1-Q span)	Actual (4-Q span)	Anticipated (4-Q span)	Actual (4-Q span)	Anticipated (4-Q span)	Actual (4-Q span)	Anticipated (4-Q span)
1980									
First quarter	77.3	54.5	81.8	74	66	62	66	73	72
Second quarter	59.1	45.5	59.1	63	75	54	73	62	80
Third quarter	50.0	36.4	81.8	60	57	57	59	68	63
Fourth quarter	54.5	40.9	77.3	60	62	56	61	66	67
1981									
First quarter	72.7	72.7	70.5	68	74	60	70	70	78
Second quarter	63.6	40.9	68.2	70	74	66	69	74	76
Third quarter	72.7	54.5	77.3	62	76	60	74	71	80
Fourth quarter	36.4	59.1	68.2	62	76	60	72	68	80
1982									
First quarter	54.5	59.1	59.1	52	60	53	61	63	65
Second quarter	34.1	22.7	59.1	50	68	52	66	58	70
Third quarter	27.3	27.3	65.9	52	64	52	66	57	72
Fourth quarter	22.7	50.0	59.1	(NA)	60	(NA)	60	(NA)	65
1983									
First quarter		59.1	45.5		66		64		68
Second quarter			40.9						
Third quarter									
Fourth quarter									
	C1 DIFFUSION INDEXES—Continued								
Year and quarter	974. Number of employees, manufacturing and trade ¹ (1)		975. Level of inventories, manufacturing and trade ¹ (1)		976. Selling prices, manufacturing ¹ (1)		977. Selling prices, wholesale trade ¹ (1)		978. Selling prices, retail trade ¹ (1)
	Actual (4-Q span)	Anticipated (4-Q span)	Actual (4-Q span)	Anticipated (4-Q span)	Actual (4-Q span)	Anticipated (4-Q span)	Actual (4-Q span)	Anticipated (4-Q span)	Actual (4-Q span)	Anticipated (4-Q span)
1980									
First quarter	58	54	67	62	90	87	92	90	92
Second quarter	54	56	61	70	88	90	90	92	91
Third quarter	53	48	64	53	90	83	92	87	94
Fourth quarter	51	50	60	56	90	86	90	88	90
1981									
First quarter	51	56	62	63	88	88	90	90	94
Second quarter	53	54	64	61	86	90	88	89	90
Third quarter	52	56	62	66	84	89	84	89	86
Fourth quarter	52	55	63	64	82	84	82	84	86
1982									
First quarter	48	50	58	54	72	80	72	82	78
Second quarter	46	51	52	56	68	76	67	78	75
Third quarter	46	51	52	56	63	68	68	72	81
Fourth quarter	(NA)	48	(NA)	50	(NA)	66	(NA)	68	76
1983									
First quarter		50		52		65		68	
Second quarter									
Third quarter									
Fourth quarter									

NOTE: Figures are the percent of series components rising. (Half of the unchanged components are counted as rising.) Data are placed at the end of the span. Series are seasonally adjusted except for those indicated by (1), that appear to contain no seasonal movement. The "r" indicates revised; "p", preliminary; and "NA", not available.

Graphs of these series are shown on page 38.

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C2 SELECTED DIFFUSION INDEX COMPONENTS: Basic Data and Directions of Change

Diffusion index components	1982								1983	
	July	August	September	October	November	December	January ^r	February ^p		
961. AVERAGE WORKWEEK OF PRODUCTION WORKERS, MANUFACTURING ¹ (Average weekly hours)										
All manufacturing industries	o 39.2	- 39.0	- 38.8	o 38.8	+ 38.9	o 38.9	+ 39.8	- 38.9		
Percent rising of 20 components	(45)	(25)	(35)	(52)	(68)	(52)	(95)	(5)		
Durable goods industries:										
Lumber and wood products	- 38.6	- 38.2	+ 38.5	- 38.0	+ 38.5	o 38.5	+ 40.7	- 39.0		
Furniture and fixtures	- 37.6	+ 37.9	- 37.4	+ 37.5	+ 37.6	+ r37.7	+ 38.9	- 37.6		
Stone, clay, and glass products	+ 40.6	- 40.3	- 40.2	o 40.2	o 40.2	- 40.0	+ 41.4	- 39.9		
Primary metal industries	o 38.9	- 38.8	- 37.8	+ 38.0	+ 38.2	+ r38.9	+ 39.0	- 38.8		
Fabricated metal products	+ 39.5	- 39.2	- 38.8	+ 38.9	+ 39.0	+ r39.1	+ 39.8	- 39.2		
Machinery, except electrical	+ 39.8	- 39.5	- 39.0	+ 39.2	o 39.2	+ 39.3	+ 39.7	- 39.3		
Electric and electronic equipment	+ 39.8	- 39.3	- 38.8	+ 39.0	+ 39.2	+ 39.3	+ 39.8	- 39.2		
Transportation equipment	- 41.0	- 40.5	- 39.8	+ 40.1	+ 40.8	- 39.9	+ 41.6	- 40.8		
Instruments and related products	- 40.1	o 40.1	- 39.8	- 39.4	- 39.2	+ 39.6	+ 40.6	- 39.4		
Miscellaneous manufacturing	+ 38.7	- 38.6	- 38.3	+ 38.6	o 38.6	- r38.4	+ 39.3	- 37.6		
Nondurable goods industries:										
Food and kindred products	o 39.5	- 39.1	+ 39.4	+ 39.7	- 39.4	- 39.2	+ 39.3	- 38.9		
Tobacco manufacturers	- 36.8	+ 38.1	+ 39.7	- 39.0	- 38.0	- r37.9	- 36.6	+ 36.9		
Textile mill products	- 37.7	+ 38.2	- 38.1	+ 38.2	+ 38.6	- 38.4	+ 40.3	- 38.9		
Apparel and other textile products	+ 35.2	- 35.0	+ 35.2	- 35.0	+ 35.1	- 35.0	+ 36.9	- 34.9		
Paper and allied products	- 41.9	- 41.7	- 41.5	+ 41.7	- 41.6	o r41.6	+ 41.7	- 41.4		
Printing and publishing	- 37.0	- 36.8	+ 37.0	- 36.9	+ 37.1	o 37.1	+ 37.6	- 37.0		
Chemicals and allied products	- 40.9	o 40.9	+ 41.2	- 40.8	- 40.6	+ r40.9	+ 41.0	- 40.9		
Petroleum and coal products	- 43.3	+ 43.9	+ 44.0	- 43.3	+ 43.9	+ r44.4	+ 45.1	- 44.7		
Rubber and miscellaneous plastics products	+ 40.2	- 39.7	- 39.6	- 39.0	+ 39.3	+ r39.6	+ 40.2	- 39.6		
Leather and leather products	+ 36.1	- 36.0	- 35.7	- 35.2	+ 35.9	- r35.8	+ 36.6	- 34.4		
964. VALUE OF MANUFACTURERS' NEW ORDERS, DURABLE GOODS INDUSTRIES ^{1,2} (Millions of dollars)										
All durable goods industries	+ 76,446	- 72,982	+ 73,266	- 69,598	+ 70,607	+ 76,593	+ 80,921	- 77,700		
Percent rising of 34 components	(50)	(32)	(59)	(41)	(65)	(38)	(68)	(44)		
Primary metals	+ 8,660	- 8,178	- 7,983	- 6,943	+ 7,466	- 6,655	+ 8,246	+ 9,819		
Fabricated metal products	- 9,368	- 8,897	- 8,668	- 8,297	- 8,186	+ 8,426	+ 9,215	+ 9,492		
Machinery, except electrical	- 12,876	+ 13,091	+ 13,978	- 13,824	- 12,970	- 12,488	+ 13,321	- 12,526		
Electrical machinery	+ 12,396	- 11,572	+ 12,025	- 11,115	+ 12,193	+ 12,473	- 11,986	- 11,588		
Transportation equipment	+ 17,515	- 16,084	- 14,828	- 14,267	- 14,567	+ 21,732	- 21,510	- 18,191		
Other durable goods industries	+ 15,631	- 15,160	+ 15,784	- 15,152	+ 15,225	- 14,819	+ 16,643	- 16,084		

NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: (+) = rising, (o) = unchanged, and (-) = falling. The "r" indicates revised; "p", preliminary; and "NA", not available.

¹Data are seasonally adjusted by the source agency.

²Data for most of the diffusion index components are not available for publication, but they are included in the totals and directions of change for the six major industry groups shown here.

Diffusion index components	C2 SELECTED DIFFUSION INDEX COMPONENTS: Basic Data and Directions of Change—Continued								
	1982						1983		
	July	August	September	October	November	December ^r	January ^r	February ^p	
966. INDEX OF INDUSTRIAL PRODUCTION ¹ (1967=100)									
All industrial production	+ 138.8	- 138.4	- 137.3	- 135.7	- 134.9	+ 135.2	+ 136.9	+ 137.3	
Percent rising of 24 components ²	(60)	(52)	(42)	(25)	(33)	(42)	(88)	(46)	
Durable manufactures:									
Lumber and products	+ 116.9	+ 120.3	- 119.9	- 117.2	+ 119.1	+ 121.4	+ 125.0	(NA)	(NA)
Furniture and fixtures	+ 154.5	+ 156.7	- 155.7	- 154.3	- 152.4	+ 153.0	+ 153.4		
Clay, glass, and stone products	+ 126.9	+ 128.8	+ 130.4	- 128.1	- 127.3	- 125.4	+ 127.8	(NA)	
Primary metals	+ 72.9	o 72.9	+ 73.2	- 69.6	- 63.6	- 62.9	+ 71.2	+ 75.8	
Fabricated metal products	+ 115.5	- 114.3	- 112.3	- 107.6	- 107.0	+ 107.3	+ 108.1	o 108.1	
Nonelectrical machinery	- 147.1	+ 147.2	- 144.9	- 140.4	- 139.6	- 139.0	- 137.9	- 136.9	
Electrical machinery	- 170.3	- 169.7	- 167.0	- 165.4	+ r165.5	- 165.3	+ 169.2	+ 169.9	
Transportation equipment	+ 112.7	- 107.0	- 105.3	- 100.8	- 100.2	+ 103.7	+ 105.7	+ 110.2	
Instruments	+ 165.2	+ 165.5	- 161.9	- 157.4	- 155.8	- 155.2	+ 156.0	o 156.0	
Miscellaneous manufactures	- 134.7	- 133.9	- 132.9	- 129.6	- 129.5	- 129.1	+ 131.3	- 130.8	
Nondurable manufactures:									
Foods	o 151.0	- 150.7	- 149.0	+ 151.5	+ r152.0	+ 152.4	(NA)	(NA)	
Tobacco products	- 121.4	- 120.6	- 113.3	- 110.6	+ 113.0	- 109.9	(NA)	(NA)	
Textile mill products	+ 124.3	+ 125.9	+ 126.1	- 125.9	- 123.1	- 122.6	- 120.0	(NA)	(NA)
Apparel products	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Paper and products	+ 147.0	+ 152.5	+ 154.3	+ 155.0	- r154.5	- 151.1	+ 156.1	- 155.3	
Printing and publishing	+ 143.9	+ 145.3	- 144.3	- 142.0	- r141.7	+ 144.2	+ 146.0	- 145.8	
Chemicals and products	+ 194.1	+ 195.6	+ 196.4	- 194.1	- r192.8	+ 196.0	+ 197.2	(NA)	
Petroleum products	+ 124.7	- 121.4	+ 122.6	+ 123.8	- 120.0	- 119.0	- 118.6	- 115.5	
Rubber and plastics products	- 256.8	+ 261.1	+ 262.0	- 256.3	- 250.2	- 249.7	+ 250.6	(NA)	
Leather and products	+ 62.9	- 60.8	+ 60.9	- 59.5	- 57.7	- 56.0	+ 59.5	(NA)	
Mining:									
Metal mining	- 58.1	- 53.4	+ 55.4	+ 63.1	+ 70.4	+ 74.0	+ 78.1	(NA)	
Coal	- 140.3	- 135.8	- 127.9	+ 143.2	- 134.1	- 129.7	+ 144.8	- 136.6	
Oil and gas extraction	- 127.0	- 123.3	- 121.0	- 119.1	+ r120.3	+ 123.3	+ 124.0	- 117.8	
Stone and earth minerals	- 103.8	+ 105.7	+ 106.3	+ 108.5	+ 111.9	o 111.9	+ 112.7	(NA)	

NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: (+) = rising, (o) = unchanged, and (-) = falling. The 'r' indicates revised; "p", preliminary; and "NA", not available.

¹Data are seasonally adjusted by the source agency.

²Where actual data for separate industries are not available, estimates are used to compute the percent rising.

CYCLICAL INDICATORS

DIFFUSION INDEXES AND RATES OF CHANGE—Continued

Diffusion index components	C2 SELECTED DIFFUSION INDEX COMPONENTS: Basic Data and Directions of Change—Continued									
	1982						1983			
	July	August	September	October	November	December	January	February	March ¹	
967. INDEX OF SPOT MARKET PRICES, RAW INDUSTRIALS ²										
Raw industrials price index (1967=100)	+ 237.0	- 236.2	+ 239.0	- 235.5	- 230.4	- 227.4	+ 232.1	+ 241.3	+ 248.0	
Percent rising of 13 components	(62)	(54)	(62)	(46)	(31)	(46)	(62)	(77)	(58)	
Dollars										
Copper scrap.....(pound)	+ 0.465 1.025	- 0.461 1.016	+ 0.481 1.060	+ 0.482 1.063	+ 0.485 1.069	+ 0.510 1.124	+ 0.552 1.217	+ 0.591 1.303	- 0.584 1.287	
Lead scrap.....(pound)	+ 0.146 0.322	+ 0.166 0.366	- 0.164 0.362	- 0.148 0.326	- 0.129 0.284	- 0.114 0.251	+ 0.126 0.278	- 0.125 0.276	- 0.123 0.271	
Steel scrap	+ 59.000 65.036	+ 59.200 65.256	+ 60.000 66.138	o 60.000 66.138	o 60.000 66.138	o 60.000 66.138	+ 61.250 67.516	+ 72.750 80.192	+ 85.000 93.696	
Tin	- 5.280 11.640	+ 5.714 12.597	+ 5.820 12.831	- 5.715 12.599	- 5.524 12.178	+ 5.528 12.187	- 5.518 12.165	+ 5.948 13.113	+ 6.182 13.629	
Zinc	+ 0.388 0.855	+ 0.399 0.880	+ 0.419 0.924	- 0.418 0.922	- 0.404 0.891	- 0.390 0.860	+ 0.402 0.886	+ 0.404 0.891	- 0.384 0.847	
Burlap	- 0.236 0.258	+ 0.241 0.264	+ 0.252 0.276	+ 0.263 0.288	- 0.256 0.280	- 0.240 0.262	- 0.229 0.250	+ 0.237 0.259	+ 0.255 0.279	
Cotton	+ 0.659 1.453	- 0.615 1.356	- 0.588 1.296	+ 0.595 1.312	- 0.589 1.299	+ 0.610 1.345	+ 0.622 1.371	+ 0.633 1.396	+ 0.674 1.486	
Print cloth	- 0.588 0.643	- 0.546 0.597	+ 0.555 0.607	+ 0.558 0.610	+ 0.567 0.620	+ 0.610 0.667	o 0.610 0.667	- 0.608 0.665	- 0.595 0.651	
Wool tops	o 3.400 7.496	o 3.400 7.496	o 3.400 7.496	+ 3.500 7.716	+ 3.600 7.937	- 3.375 7.441	- 3.300 7.275	o 3.300 7.275	- 3.250 7.165	
Hides	+ 0.541 1.193	+ 0.544 1.199	- 0.542 1.195	- 0.506 1.116	- 0.489 1.078	- 0.485 1.069	- 0.474 1.045	+ 0.479 1.056	+ 0.495 1.091	
Rosin	o 47.000 103.616	o 47.000 103.616	o 47.000 103.616	o 47.000 103.616	o 47.000 103.616	o 47.000 103.616	o 47.000 103.616	o 47.000 103.616	o 47.000 103.616	
Rubber	+ 0.468 1.032	- 0.464 1.023	- 0.448 0.988	- 0.425 0.937	- 0.419 0.924	+ 0.421 0.928	+ 0.440 0.970	+ 0.484 1.067	+ 0.559 1.232	
Tallow	- 0.168 0.370	- 0.150 0.331	+ 0.159 0.351	- 0.152 0.335	- 0.144 0.317	- 0.139 0.306	+ 0.144 0.317	+ 0.148 0.326	+ 0.150 0.331	

NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: (+) = rising, (o) = unchanged, and (--) = falling. The "r" indicates revised; "p", preliminary; and "NA", not available.

¹Average for March 1, 8, 15, and 22.

²Data are not seasonally adjusted. These series are based on copyrighted data used by permission; they may not be reproduced without written permission from Commodity Research Bureau, Inc. Components are converted to metric units by the Bureau of Economic Analysis.

OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT

Year and quarter	A1 GNP AND PERSONAL INCOME							
	200. Gross national product in current dollars			50. Gross national product in 1972 dollars			217. Per capita GNP in 1972 dollars	213. Final sales in 1972 dollars
	a. Total (Ann. rate, bil. dol.)	b. Difference (Ann. rate, bil. dol.)	c. Percent change at annual rate	a. Total (Ann. rate, bil. dol.)	b. Difference (Ann. rate, bil. dol.)	c. Percent change at annual rate		
1980								
First quarter	2,575.9	73.0	12.2	1,494.9	5.6	1.5	6,593	1,497.5
Second quarter	2,573.4	-2.5	-0.4	1,457.8	-37.1	-9.6	6,413	1,460.3
Third quarter	2,643.7	70.3	11.4	1,463.8	6.0	1.6	6,421	1,472.3
Fourth quarter	2,739.4	95.7	15.3	1,479.4	15.6	4.3	6,472	1,485.7
1981								
First quarter	2,864.9	125.5	19.6	1,507.8	28.4	7.9	6,583	1,505.4
Second quarter	2,901.8	36.9	5.3	1,502.2	-5.6	-1.5	6,544	1,490.1
Third quarter	2,980.9	79.1	11.4	1,510.4	8.2	2.2	6,563	1,493.9
Fourth quarter	3,003.2	22.3	3.0	1,490.1	-20.3	-5.3	6,458	1,485.3
1982								
First quarter	2,995.5	-7.7	-1.0	1,470.7	-19.4	-5.1	6,360	1,486.1
Second quarter	3,045.2	49.7	6.8	1,478.4	7.7	2.1	6,380	1,482.7
Third quarter	3,088.2	43.0	5.8	1,481.1	2.7	0.7	6,375	1,477.8
Fourth quarter	r3,108.2	r20.0	r2.6	r1,477.2	r-3.9	r-1.1	r6,342	r1,497.5
1983								
First quarter								
Second quarter								
Third quarter								
Fourth quarter								
A1 GNP AND PERSONAL INCOME—Continued								
Year and quarter	Disposable personal income			A2 PERSONAL CONSUMPTION EXPENDITURES				
	224. Current dollars	225. Constant (1972) dollars	227. Per capita in 1972 dollars	230. Total in current dollars	231. Total in 1972 dollars	232. Durable goods in current dollars	233. Durable goods in 1972 dollars	
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, dollars)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	
1980								
First quarter	1,766.9	1,022.8	4,511	1,618.7	937.0	220.8	145.4	
Second quarter	1,781.0	1,005.5	4,423	1,622.2	915.8	199.0	128.9	
Third quarter	1,845.5	1,018.2	4,466	1,682.0	928.0	212.7	154.6	
Fourth quarter	1,902.9	1,025.7	4,487	1,745.8	941.0	224.7	139.5	
1981								
First quarter	1,958.7	1,035.0	4,519	1,799.9	951.1	236.9	145.3	
Second quarter	1,996.5	1,036.6	4,516	1,819.4	944.6	230.4	138.6	
Third quarter	2,060.0	1,048.8	4,557	1,868.8	951.4	241.2	142.2	
Fourth quarter	2,101.4	1,051.9	4,559	1,884.5	943.4	229.6	134.1	
1982								
First quarter	2,117.1	1,046.9	4,527	1,919.4	949.1	237.9	137.5	
Second quarter	2,151.5	1,054.8	4,552	1,947.8	955.0	240.7	138.3	
Third quarter	2,198.1	1,058.3	4,555	1,986.3	956.3	240.3	136.4	
Fourth quarter	r2,224.3	r1,059.1	r4,547	r2,030.8	r967.0	r251.8	r142.8	
1983								
First quarter								
Second quarter								
Third quarter								
Fourth quarter								

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

Graphs of these series are shown on pages 40 and 41.

OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Year and quarter	A2 PERSONAL CONSUMPTION EXPENDITURES—Continued					A3 GROSS PRIVATE DOMESTIC INVESTMENT		
	236. Nondurable goods in current dollars	238. Nondurable goods in 1972 dollars	237. Services in current dollars	239. Services in 1972 dollars	240. Total in current dollars	241. Total in 1972 dollars	242. Fixed investment, total, in current dollars	243. Fixed investment, total, in 1972 dollars
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)
1980								
First quarter	650.6	357.8	747.3	433.9	424.0	222.7	424.6	225.3
Second quarter	656.7	352.7	766.6	434.3	391.0	201.9	391.4	204.4
Third quarter	673.7	353.7	795.6	439.7	384.1	199.2	405.3	207.8
Fourth quarter	700.5	359.0	820.6	442.5	410.3	209.6	428.0	215.9
1981								
First quarter	720.6	361.6	842.4	444.2	455.7	221.6	443.5	219.2
Second quarter	729.6	361.7	859.4	444.3	475.5	229.5	450.9	217.4
Third quarter	741.3	363.0	886.3	446.2	486.0	233.4	454.2	216.9
Fourth quarter	746.5	363.1	908.3	446.2	468.9	218.9	455.7	214.1
1982								
First quarter	749.1	362.2	932.4	449.5	414.8	195.4	450.4	210.8
Second quarter	755.0	364.5	952.1	452.2	431.5	202.3	447.7	206.7
Third quarter	768.4	365.9	977.6	454.0	443.3	206.3	438.6	202.9
Fourth quarter	r775.7	r367.6	r1,003.3	r456.6	r391.5	r183.5	r439.9	r203.8
1983								
First quarter								
Second quarter								
Third quarter								
Fourth quarter								
		A3 GROSS PRIVATE DOMESTIC INVEST.—Con.			A4 GOVERNMENT PURCHASES OF GOODS AND SERVICES			
Year and quarter	245. Change in business inventories in current dollars	30. Change in business inventories in 1972 dollars	260. Total in current dollars	261. Total in 1972 dollars	262. Federal Government in current dollars	263. Federal Government in 1972 dollars	266. State and local government in current dollars	267. State and local government in 1972 dollars
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)
1980								
First quarter	-0.7	-2.6	519.2	284.7	189.6	106.4	329.6	178.3
Second quarter	-0.4	-2.5	536.0	286.9	198.8	109.1	337.2	177.8
Third quarter	-21.2	-8.5	538.5	283.4	193.3	105.5	345.2	177.9
Fourth quarter	-17.7	-6.2	559.8	283.2	207.0	104.8	352.8	178.4
1981								
First quarter	12.2	2.4	578.1	286.8	217.0	107.9	361.1	179.0
Second quarter	24.6	12.1	583.2	283.9	218.2	107.0	365.0	176.9
Third quarter	31.8	16.5	600.2	286.4	230.0	110.7	370.1	175.7
Fourth quarter	13.2	4.8	626.3	291.3	250.5	116.0	375.7	175.3
1982								
First quarter	-35.6	-15.4	630.1	289.2	249.7	114.4	380.4	174.9
Second quarter	-16.2	-4.4	630.9	285.3	244.3	110.3	386.6	175.0
Third quarter	4.7	3.4	651.7	291.1	259.0	116.2	392.7	174.9
Fourth quarter	r-48.3	r-20.3	r676.8	r299.5	r278.7	r124.7	r398.0	r174.8
1983								
First quarter								
Second quarter								
Third quarter								
Fourth quarter								

See note on page 80.

Graphs of these series are shown on pages 41, 42, and 43.

Year and quarter	A5 FOREIGN TRADE						A6 NATIONAL INCOME AND ITS COMPONENTS	
	Net exports of goods and services		Exports of goods and services		Imports of goods and services		220. National in- come in current dollars	280. Compen- sation of employees
	250. Current dollars (Ann. rate, bil. dol.)	255. Constant (1972) dollars (Ann. rate, bil. dol.)	252. Current dollars (Ann. rate, bil. dol.)	256. Constant (1972) dollars (Ann. rate, bil. dol.)	253. Current dollars (Ann. rate, bil. dol.)	257. Constant (1972) dollars (Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)
1980								
First quarter	14.0	50.5	335.7	164.4	321.7	113.9	2,079.7	1,555.2
Second quarter	24.2	53.2	337.3	161.2	313.1	108.0	2,067.2	1,571.7
Third quarter	39.0	53.1	337.2	155.9	298.2	102.8	2,122.3	1,604.9
Fourth quarter	23.5	45.6	346.7	155.1	323.2	109.6	2,199.2	1,662.8
1981								
First quarter	31.2	48.2	365.4	159.3	334.2	111.1	2,293.7	1,718.0
Second quarter	23.7	44.2	368.9	159.7	345.1	115.5	2,324.4	1,750.0
Third quarter	25.9	39.2	367.2	157.8	341.3	118.7	2,387.3	1,789.1
Fourth quarter	23.5	36.5	367.9	156.9	344.4	120.4	2,404.5	1,813.4
1982								
First quarter	31.3	36.9	359.9	151.7	328.6	114.7	2,396.9	1,830.8
Second quarter	34.9	35.7	365.8	154.4	330.9	118.7	2,425.2	1,850.7
Third quarter	6.9	27.5	349.5	147.5	342.5	120.0	2,455.6	1,868.3
Fourth quarter	r9.1	r27.2	r328.1	r138.8	r319.1	r111.6	r2,471.7	r1,876.1
1983								
First quarter								
Second quarter								
Third quarter								
Fourth quarter								
	A6 NATIONAL INCOME AND ITS COMPONENTS—Continued					A7 SAVING		
Year and quarter	282. Proprietors' income with inven- tory valuation and capital consump- tion adjustments (Ann. rate, bil. dol.)	284. Rental income of persons with capital consump- tion adjustment (Ann. rate, bil. dol.)	286. Corporate profits with inven- tory valuation and capital consump- tion adjustments (Ann. rate, bil. dol.)	288. Net interest (Ann. rate, bil. dol.)	290. Gross saving (private and govern- ment) (Ann. rate, bil. dol.)	295. Business saving (Ann. rate, bil. dol.)	292. Personal saving (Ann. rate, bil. dol.)	
1980								
First quarter	122.7	30.8	195.3	175.7	410.8	322.3	97.9	
Second quarter	108.9	32.7	172.2	181.6	395.8	330.2	108.6	
Third quarter	115.5	33.8	177.8	190.4	404.4	335.5	113.1	
Fourth quarter	118.0	34.2	181.2	203.0	414.0	340.3	105.3	
1981								
First quarter	123.4	34.4	200.3	217.6	461.4	362.7	105.9	
Second quarter	123.8	34.0	185.1	231.6	482.4	367.0	122.0	
Third quarter	127.5	33.6	193.1	244.0	490.0	379.1	134.4	
Fourth quarter	124.1	33.6	183.9	249.5	476.3	389.1	158.6	
1982								
First quarter	116.4	33.9	157.1	258.7	428.8	380.3	139.1	
Second quarter	117.3	34.2	155.4	267.5	441.5	384.6	144.3	
Third quarter	118.4	34.6	166.2	268.1	422.4	394.2	152.0	
Fourth quarter	r128.9	33.9	r167.5	r265.3	r366.2	r399.3	r133.4	
1983								
First quarter								
Second quarter								
Third quarter								
Fourth quarter								

See note on page 80.

Graphs of these series are shown on pages 44, 45, and 46.

OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Year and quarter	A7 SAVING—Continued		A8 SHARES OF GNP AND NATIONAL INCOME				
	298. Government surplus or deficit, total (Ann. rate, bil. dol.)	293. Personal saving rate (percent of dis- posable personal income) (Percent)	Percent of gross national product				
			235. Personal con- sumption expendi- tures, total (Percent)	248. Nonresidential fixed investment (Percent)	249. Residential fixed investment (Percent)	247. Change in business inventories (Percent)	251. Net exports of goods and services (Percent)
1980							
First quarter	-10.6	5.5	62.8	12.1	4.4	0.0	0.5
Second quarter	-44.2	6.1	63.0	11.7	3.5	0.0	0.9
Third quarter	-45.9	6.1	63.6	11.6	3.7	-0.8	1.5
Fourth quarter	-32.2	5.5	63.7	11.6	4.0	-0.6	0.9
1981							
First quarter	-8.3	5.4	62.8	11.5	4.0	0.4	1.1
Second quarter	-7.6	6.1	62.7	11.8	3.8	0.8	0.8
Third quarter	-24.5	6.5	62.7	11.8	3.4	1.1	0.9
Fourth quarter	-72.5	7.5	62.7	12.0	3.2	0.4	0.8
1982							
First quarter	-90.7	6.6	64.1	11.9	3.1	-1.2	1.0
Second quarter	-87.5	6.7	64.0	11.6	3.1	-0.5	1.1
Third quarter	-123.7	6.9	64.3	11.1	3.1	0.2	0.2
Fourth quarter	p-166.4	r6.0	r65.3	10.9	r3.3	r-1.6	r0.3
1983							
First quarter							
Second quarter							
Third quarter							
Fourth quarter							
Year and quarter	A8 SHARES OF GNP AND NATIONAL INCOME—Continued						
	Percent of GNP—Continued		Percent of national income				
	265. Federal Govern- ment purchases of goods and services (Percent)	268. State and local government purchases of goods and services (Percent)	64. Compensation of employees (Percent)	283. Proprietors' income with IVA and CCAdj ¹ (Percent)	285. Rental income of persons with CCAdj ¹ (Percent)	287. Corporate profits with IVA and CCAdj ¹ (Percent)	289. Net interest (Percent)
1980							
First quarter	7.4	12.8	74.8	5.9	1.5	9.4	8.4
Second quarter	7.7	13.1	76.0	5.3	1.6	8.3	8.8
Third quarter	7.3	13.1	75.6	5.4	1.6	8.4	9.0
Fourth quarter	7.6	12.9	75.6	5.4	1.6	8.2	9.2
1981							
First quarter	7.6	12.6	74.9	5.4	1.5	8.7	9.5
Second quarter	7.5	12.6	75.3	5.3	1.5	8.0	10.0
Third quarter	7.7	12.4	74.9	5.3	1.4	8.1	10.2
Fourth quarter	8.3	12.5	75.4	5.2	1.4	7.6	10.4
1982							
First quarter	8.3	12.7	76.4	4.9	1.4	6.6	10.8
Second quarter	8.0	12.7	76.3	4.8	1.4	6.4	11.0
Third quarter	8.4	12.7	76.1	4.8	1.4	6.8	10.9
Fourth quarter	9.0	r12.8	p75.9	p5.2	p1.4	p6.8	p10.7
1983							
First quarter							
Second quarter							
Third quarter							
Fourth quarter							

See note on page 80.

Graphs of these series are shown on pages 46 and 47.

¹IVA, inventory valuation adjustment; CCAdj, capital consumption adjustment.

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY

Year and month	PRICE MOVEMENTS									
	Implicit price deflator, gross national product		Fixed-weighted price index, gross business product		Consumer prices, 'all items'			Consumer prices, food		
	310. Index (1972=100)	310c. Change over 1-quarter spans ¹ (Ann. rate, percent)	311. Index (1972=100)	311c. Change over 1-quarter spans ¹ (Ann. rate, percent)	320. Index (1967=100)	320c. Change over 1-month spans ¹ (Percent)	320c. Change over 6-month spans ¹ (Ann. rate, percent)	322. Index (1967=100)	322c. Change over 1-month spans ¹ (Percent)	322c. Change over 6-month spans ¹ (Ann. rate, percent)
1981										
January	190.0	10.9	197.1	10.4	260.5	0.7	9.9	268.9	0.4	6.9
February	190.0	...	197.1	...	263.2	0.8	9.6	270.3	0.5	4.7
March .....	...	...	...	...	265.1	0.8	9.1	272.0	0.6	3.8
April	193.2	6.8	201.2	8.6	266.8	0.4	10.0	272.3	0.1	4.8
May	193.2	...	201.2	...	269.0	0.9	10.1	272.4	0.0	4.9
June .....	...	...	...	...	271.3	0.8	10.6	272.9	0.2	4.5
July	197.4	9.0	205.7	9.3	274.4	1.1	10.5	275.3	0.9	4.8
August	197.4	...	205.7	...	276.5	0.8	9.6	276.9	0.6	4.8
September .....	...	...	...	...	279.3	1.0	8.8	278.0	0.4	4.8
October	201.6	8.8	209.4	7.4	279.9	0.4	6.9	278.7	0.3	4.4
November	201.6	...	209.4	...	280.7	0.5	5.3	278.9	0.1	4.2
December .....	...	...	...	...	281.5	0.4	3.1	279.4	0.2	3.5
1982										
January	203.7	4.3	211.8	4.4	282.5	0.3	2.9	281.3	0.7	3.3
February	203.7	...	211.8	...	283.4	0.1	4.0	282.6	0.5	4.7
March .....	...	...	...	...	283.1	0.0	5.5	282.8	0.1	5.6
April	206.0	4.6	213.8	3.8	284.3	0.2	6.1	283.3	0.2	4.5
May	206.0	...	213.8	...	287.1	1.0	6.6	285.4	0.7	3.1
June .....	...	...	...	...	290.6	1.1	6.9	287.1	0.6	3.4
July	208.5	5.0	216.8	5.9	292.2	0.6	7.2	287.6	0.2	3.4
August	208.5	...	216.8	...	292.8	0.3	5.1	286.9	-0.2	2.0
September .....	...	...	...	...	293.3	0.1	2.3	287.5	0.2	0.7
October	210.4	3.7	219.2	r4.3	294.1	0.4	1.4	288.1	0.2	0.5
November	210.4	...	219.2	...	293.6	0.0	0.4	288.2	0.0	1.0
December .....	...	...	...	...	292.4	-0.3	...	288.1	0.0	...
1983										
January					293.1	0.2		288.3	0.1	
February					293.2	-0.2		288.3	0.0	
March										
April										
May										
June										
July										
August										
September										
October										
November										
December										

See note on page 80.

Graphs of these series are shown on pages 48 and 49.

¹Changes are centered within the spans: 1-month changes are placed on the 2d month, 6-month changes are placed on the 4th month, and 1-quarter changes are placed on the 1st month of the 2d quarter.

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY—Continued

81 PRICE MOVEMENTS—Continued

Year and month	Producer prices, all commodities								
	Producer prices, industrial commodities			Producer prices, crude materials					
	330. Index (1967=100)	330c. Change over 1-month spans ¹ (Percent)	330c. Change over 6-month spans ¹ (Ann. rate, percent)	335. Index (1967=100)	335c. Change over 1-month spans ¹ (Percent)	335c. Change over 6-month spans ¹ (Ann. rate, percent)	331. Index (1967=100)	331c. Change over 1-month spans ¹ (Percent)	331c. Change over 6-month spans ¹ (Ann. rate, percent)
81 PRICE MOVEMENTS—Continued									
1981									
January	284.8	1.4	11.5	291.5	1.7	15.8	330.0	0.9	5.0
February	287.6	1.0	11.0	295.7	1.4	15.6	332.6	0.8	1.9
March	290.3	0.9	10.2	299.6	1.3	13.3	330.6	-0.6	5.1
April	293.4	1.1	8.2	303.5	1.3	10.3	333.6	0.9	3.7
May	294.1	0.2	6.2	304.7	0.4	7.9	332.4	-0.4	0.2
June	294.8	0.2	3.8	305.1	0.1	5.3	335.5	0.9	-1.9
July	296.2	0.5	1.8	306.2	0.4	3.7	336.1	0.2	-6.5
August	296.4	0.1	1.0	307.2	0.3	3.0	333.0	-0.9	-8.4
September	295.7	-0.2	0.7	307.4	0.1	3.2	327.4	-1.7	-11.8
October	296.1	0.1	1.4	309.0	0.5	3.7	322.5	-1.5	-9.2
November	295.5	-0.2	1.5	309.3	0.1	2.9	318.1	-1.4	-8.9
December	295.8	0.1	1.6	310.0	0.2	2.4	315.1	-0.9	-6.3
1982									
January	298.3	0.8	1.3	311.8	0.6	0.6	320.2	1.6	-1.1
February	298.6	0.1	2.1	311.6	-0.1	0.2	317.9	-0.7	5.3
March	298.0	-0.2	2.4	311.0	-0.2	0.4	317.0	-0.3	6.9
April	298.0	0.0	1.4	309.9	-0.4	0.6	320.8	1.2	1.2
May	298.6	0.2	1.1	309.6	-0.1	1.0	326.4	1.7	0.8
June	299.3	0.2	0.9	310.6	0.3	1.1	325.8	-0.2	-1.0
July	300.4	0.4	1.2	312.8	0.7	2.9	322.1	-1.1	-4.0
August	300.2	-0.1	1.2	313.2	0.1	3.6	319.1	-0.9	-5.4
September	299.3	-0.3	0.9	312.7	-0.2	2.9	315.4	-1.2	-5.6
October	3299.8	0.2	-0.3	314.3	0.5	0.8	314.3	-0.3	-4.0
November	300.4	0.2	0.7	315.1	0.3	317.4	1.0	-0.9	-0.9
December	300.6	0.1		315.0	0.0		316.5	-0.3	
1983									
January	300.0	-0.2		314.0	-0.3		315.6	-0.3	
February	301.2	0.4		314.4	0.1		317.6	0.6	
April									
May									
June									
July									
August									
September									
October									
November									
December									

See note on page 80.

Graphs of these series are shown on page 48.

¹Changes are centered within the spans: 1-month changes are placed on the 2d month and 6-month changes are placed on the 4th month.

Year and month	B1 PRICE MOVEMENTS—Continued								
	Producer prices, intermediate materials			Producer prices, capital equipment			Producer prices, finished consumer goods		
	332. Index (1967=100)	332c. Change over 1-month spans ¹ (Percent)	332c. Change over 6-month spans ¹ (Ann. rate, percent)	333. Index (1967=100)	333c. Change over 1-month spans ¹ (Percent)	333c. Change over 6-month spans ¹ (Ann. rate, percent)	334. Index (1967=100)	334c. Change over 1-month spans ¹ (Percent)	334c. Change over 6-month spans ¹ (Ann. rate, percent)
1981									
January	297.0	1.2	11.4	253.5	1.1	10.1	262.2	0.9	10.7
February	298.3	0.4	10.6	256.1	1.0	10.5	264.8	1.0	9.7
March	301.1	0.9	9.4	258.1	0.8	11.0	267.7	1.1	9.6
April	304.2	1.0	7.3	260.2	0.8	9.8	270.3	1.0	8.2
May	305.6	0.5	7.7	262.3	0.8	8.8	270.8	0.2	6.2
June	307.0	0.5	5.9	264.1	0.7	8.1	272.1	0.5	4.9
July	307.6	0.2	4.1	265.6	0.6	7.9	272.8	0.3	3.7
August	309.6	0.7	3.4	267.1	0.6	7.8	272.9	0.0	3.8
September	309.9	0.1	2.6	268.4	0.5	7.3	274.2	0.5	3.6
October	310.3	0.1	2.8	270.3	0.7	7.1	275.3	0.4	3.8
November	310.7	0.1	0.9	272.3	0.7	5.6	275.9	0.2	4.0
December	311.0	0.1	-0.2	273.6	0.5	5.7	277.0	0.4	2.1
1982									
January	311.9	0.3	-1.2	274.9	0.5	4.6	278.0	0.4	1.5
February	311.0	-0.3	-1.3	274.5	-0.1	4.1	278.3	0.1	0.7
March	309.6	-0.5	-0.8	276.0	0.5	4.4	277.0	-0.5	2.2
April	308.4	-0.4	-1.0	276.5	0.2	4.1	277.3	0.1	2.5
May	308.7	0.1	-0.4	277.8	0.5	5.8	276.9	-0.1	3.1
June	309.7	0.3	0.8	279.5	0.6	4.3	280.0	1.1	4.4
July	310.3	0.2	1.6	280.5	0.4	4.0	281.5	0.5	5.2
August	310.3	0.0	2.1	282.3	0.6	4.0	282.6	0.4	6.8
September	310.8	0.2	1.4	281.9	-0.1	3.7	283.0	0.1	4.7
October	310.9	0.0	0.3	282.0	r0.0	2.7	284.4	0.5	0.8
November	311.9	0.3	0.1	283.3	r0.5	2.4	286.1	0.6	0.1
December	311.8	0.0		284.6	0.5		286.5	0.1	
1983									
January	310.8	-0.3		284.3	-0.1		282.6	-1.4	
February	310.5	-0.1		285.6	0.5		282.8	0.1	
March									
April									
May									
June									
July									
August									
September									
October									
November									
December									

See note on page 80.

Graphs of these series are shown on page 48.

¹Changes are centered within the spans: 1-month changes are placed on the 2d month and 6-month changes are placed on the 4th month.

OTHER IMPORTANT ECONOMIC MEASURES

B PRICES, WAGES, AND PRODUCTIVITY—Continued

Year and month	B2 WAGES AND PRODUCTIVITY								
	Average hourly earnings, production workers, private nonfarm economy, adjusted ¹						Average hourly compensation, all employees, nonfarm business sector		
	Current-dollar earnings			Real earnings			Current-dollar compensation		
	340. Index (1977 = 100)	340c. Change over 1-month spans ² (Percent)	340c. Change over 6-month spans ² (Ann. rate, percent)	341. Index (1977 = 100)	341c. Change over 1-month spans ² (Percent)	341c. Change over 6-month spans ² (Ann. rate, percent)	345. Index (1977 = 100)	345c. Change over 1-quarter spans ² (Ann. rate, percent)	345c. Change over 4-quarter spans ² (Ann. rate, percent)
1981				(^a)					
January	133.7	0.8	9.1	r92.9	0.2	-0.6	11.8	11.8	9.4
February	134.8	0.8	8.6	r92.9	0.1	-0.7	...	...	...
March	135.7	0.6	8.9	r92.9	0.0	0.2	...	...	...
April	136.6	0.7	8.1	93.0	0.1	-1.5	6.9	6.9	...
May	137.6	0.8	8.7	r92.9	-0.1	-1.1	141.6	...	8.9
June	138.4	0.6	8.7	r92.8	-0.1	-1.8	...	...	...
July	139.1	0.5	8.1	r92.1	-0.7	-2.0	9.2	9.2	...
August	140.5	1.1	8.0	r92.4	0.3	-1.1	144.7	...	7.8
September	141.4	0.6	7.6	92.1	-0.4	-1.0	...	...	...
October	142.0	0.4	8.6	92.1	0.0	2.0	7.5	7.5	...
November	143.0	0.7	6.4	r92.4	0.4	1.5	147.4	...	7.6
December	143.5	0.3	5.7	92.3	-0.1	3.0	...	...	...
1982									
January	144.9	1.0	6.3	93.1	0.8	3.7	7.7	7.7	...
February	145.0	0.1	6.6	93.1	0.0	2.7	150.1	...	6.9
March	145.4	0.3	6.6	93.5	0.4	1.3	...	...	...
April	146.3	0.6	5.7	93.7	0.3	-0.5	5.9	5.9	...
May	147.7	0.9	6.8	93.6	-0.1	0.2	152.3	...	6.5
June	148.1	0.3	6.5	92.9	-0.7	-0.6	...	...	...
July	148.9	0.5	6.2	92.8	-0.1	-1.2	6.5	6.5	...
August	149.9	0.6	4.9	93.1	0.3	-0.3	154.7	...	...
September	150.1	0.1	5.4	93.2	0.0	2.9	...	...	...
October	150.8	0.5	5.1	93.2	0.0	4.0	5.7	5.7	...
November	151.2	0.2	p4.1	93.5	0.4	p4.1	156.9	...	...
December	152.1	0.6		94.3	0.8				
1983									
January	152.7	0.4		94.7	0.4				
February	p152.9	p0.1		p95.0	p0.4				
March									
April									
May									
June									
July									
August									
September									
October									
November									
December									

See note on page 80.

Graphs of these series are shown on pages 49 and 50.

¹Adjusted for overtime (in manufacturing only) and interindustry employment shifts.²Changes are centered within the spans: 1-month changes are placed on the 2d month, 6-month changes are placed on the 4th month, 1-quarter changes are placed on the 1st month of the 2d quarter, and 4-quarter changes are placed on the middle month of the 3d quarter.

"See "New Features and Changes for This Issue," page iii.

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY—Continued

Year and month	B2 WAGES AND PRODUCTIVITY—Continued									
	Average hourly compensation, all employees, nonfarm business sector—Continued			Negotiated wage and benefit decisions, all industries ①		Output per hour, all persons, private business sector			358. Index of output per hour all persons, nonfarm business sector	
	Real compensation			348. First year average changes	349. Average changes over life of contract	370. Index	370c. Change over 1-quarter spans ②	370c. Change over 4-quarter spans ②		
	346. Index (1977=100)	346c. Change over 1-quarter spans ② (Ann. rate, percent)	346c. Change over 4-quarter spans ② (Ann. rate, percent)							
1981										
January .....	...	0.4	...	7.7	7.2	...	5.6	...	...
February	95.7	...	-1.2	...	...	100.7	...	2.2	100.4
March .....	...	...	...	...	...	...	...	...	...
April .....	...	-0.1	...	11.6	10.8	...	0.0	...	...
May	95.7	...	-0.6	...	...	100.7	...	0.9	100.0
June .....	...	...	...	...	...	...	...	...	...
July .....	...	-2.5	...	10.5	8.1	...	1.1	...	...
August	95.1	...	0.4	...	...	101.0	...	-0.7	100.0
September .....	...	...	...	...	...	...	...	...	...
October .....	...	-0.3	...	11.0	5.8	...	-2.9	...	...
November	95.1	...	0.7	...	...	100.2	...	-0.4	99.1
December .....	...	...	...	...	...	...	...	...	...
1982										
January .....	...	4.3	...	1.9	1.2	...	-1.0	...	...
February	96.1	...	1.1	...	...	100.0	...	0.2	99.2
March .....	...	...	...	...	...	...	...	...	...
April .....	...	1.3	...	2.6	2.0	...	1.4	...	...
May	96.4	...	1.9	...	...	100.3	...	p2.0	99.4
June .....	...	...	...	...	...	...	...	...	...
July .....	...	-1.0	...	6.2	4.7	...	3.6	...	...
August	96.1	...	...	...	...	101.2	...	...	100.3
September .....	...	...	...	...	...	...	...	...	...
October .....	...	3.0	...	p3.0	p4.9	...	p4.1	...	...
November	96.9	...	...	...	...	p102.2	...	...	100.8
1983										
January .....	...	...	...	...	...	...	...	...	...
February .....	...	...	...	...	...	...	...	...	...
March .....	...	...	...	...	...	...	...	...	...
April .....	...	...	...	...	...	...	...	...	...
May .....	...	...	...	...	...	...	...	...	...
June .....	...	...	...	...	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...

See note on page 80.

Graphs of these series are shown on pages 49 and 50.

^①Changes are centered within the spans: 1-quarter changes are placed on the 1st month of the 2d quarter and 4-quarter changes are placed on the middle month of the 3d quarter.

OTHER IMPORTANT ECONOMIC MEASURES

LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT

Year and month	C1 CIVILIAN LABOR FORCE AND MAJOR COMPONENTS										
	Civilian labor force		Labor force participation rates			Number unemployed					448. Num- ber em- ployed part-time for eco- nomic reasons
	441. Total	442. Em- ployed	451. Males 20 years and over	452. Females 20 years and over	453. Both sexes, 16-19 years of age	37. Total	444. Males 20 years and over	445. Females 20 years and over	446. Both sexes, 16-19 years of age	447. Full- time workers	
	(Thous.)	(Thous.)	(Percent)	(Percent)	(Percent)	(Thous.)	(Thous.)	(Thous.)	(Thous.)	(Thous.)	(Thous.)
1981											
January	108,012	99,964	79.1	51.8	56.6	8,048	3,479	2,809	1,760	6,620	4,467
February	108,175	100,143	79.1	51.9	56.5	8,032	3,500	2,766	1,766	6,602	4,182
March	108,471	100,504	79.2	52.0	56.3	7,967	3,439	2,765	1,763	6,541	4,222
April	108,866	101,006	79.3	52.2	56.9	7,860	3,353	2,760	1,747	6,429	4,149
May	109,101	100,968	79.4	52.4	56.2	8,133	3,540	2,846	1,747	6,617	4,242
June	108,440	100,393	78.9	52.2	54.4	8,047	3,492	2,830	1,725	6,581	4,088
July	108,602	100,748	78.9	52.2	54.5	7,854	3,343	2,867	1,644	6,428	4,432
August	108,762	100,709	78.9	52.1	55.2	8,053	3,513	2,849	1,691	6,473	4,448
September	108,375	100,104	78.7	51.7	54.9	8,271	3,559	2,953	1,759	6,762	4,612
October	109,028	100,355	78.7	52.3	54.9	8,673	3,815	3,043	1,815	7,137	4,948
November	109,254	100,229	78.7	52.4	55.0	9,025	4,026	3,105	1,894	7,442	5,005
December	109,066	99,677	78.8	52.2	53.9	9,389	4,367	3,174	1,848	7,990	5,325
1982											
January	109,034	99,688	78.6	52.2	54.2	9,346	4,362	3,109	1,875	7,822	5,066
February	109,364	99,695	78.7	52.3	54.5	9,669	4,451	3,286	1,932	8,000	5,489
March	109,478	99,597	78.6	52.5	53.8	9,881	4,607	3,402	1,872	8,346	5,611
April	109,740	99,484	78.7	52.5	54.2	10,256	4,770	3,528	1,958	8,575	5,750
May	110,378	99,994	78.9	52.8	55.2	10,384	4,818	3,568	1,998	8,689	5,731
June	110,147	99,681	78.8	52.9	53.0	10,466	5,016	3,565	1,885	8,878	5,561
July	110,416	99,588	78.8	53.0	53.2	10,828	5,150	3,672	2,006	9,036	5,577
August	110,614	99,683	78.7	53.0	54.2	10,931	5,232	3,671	2,028	9,209	5,820
September	110,858	99,543	79.0	52.9	54.3	11,315	5,578	3,710	2,027	9,622	6,495
October	110,752	99,176	78.9	52.8	54.1	11,576	5,714	3,824	2,038	9,942	6,403
November	111,042	99,136	78.9	52.9	54.4	11,906	5,865	3,989	2,052	10,127	6,411
December	111,129	99,093	78.7	53.1	53.9	12,036	5,909	4,071	2,056	10,285	6,425
1983											
January	110,548	99,103	78.1	52.9	53.5	11,446	5,597	3,963	1,886	9,810	6,845
February	110,553	99,063	78.2	52.9	52.7	11,490	5,749	3,925	1,815	9,872	6,481
April											
May											
June											
July											
August											
September											
October											
November											
December											

See note on page 80.

Graphs of these series are shown on page 51.

Year and month	D1 RECEIPTS AND EXPENDITURES						D2 DEFENSE INDICATORS			
	Federal Government ¹			State and local governments ¹			Advance measures of defense activity			
	500. Surplus or deficit (Ann. rate, bil. dol.)	501. Receipts (Ann. rate, bil. dol.)	502. Expenditures (Ann. rate, bil. dol.)	510. Surplus or deficit (Ann. rate, bil. dol.)	511. Receipts (Ann. rate, bil. dol.)	512. Expenditures (Ann. rate, bil. dol.)	517. Defense Department gross obligations incurred (Mil. dol.)	525. Defense Department military prime contract awards (Mil. dol.)	543. Defense Department gross unpaid obligations outstanding (Mil. dol.)	548. Value of manufacturers' new orders, defense products (Mil. dol.)
1981										
January .....	... -39.7	620.0 ...	659.7 ...	31.3 ...	410.0 ...	378.6 ...	14,808 15,741 15,560	7,155 7,514 7,590	82,087 83,608 84,883	4,341 5,340 4,198
February										
March .....	... ...	...	...	...	...	...	15,210 15,699 15,156	8,505 7,967 7,041	84,994 85,165 86,126	4,153 4,842 4,680
April										
May	-40.5 ...	627.0 ...	667.5 ...	32.9 ...	415.2 ...	382.2 ...	16,836 17,374 16,584	8,845 9,504 9,325	87,968 89,857 91,896	5,010 5,010 5,927
June										
July										
August	-58.0 ...	640.2 ...	698.2 ...	33.5 ...	420.3 ...	386.9 ...	12,892 15,674 19,805	4,466 9,817 9,049	91,354 92,575 93,827	4,109 5,003 5,644
September										
October										
November	-101.7 ...	625.7 ...	727.4 ...	29.1 ...	421.5 ...	392.4 ...				
December										
1982										
January	-118.4 ...	609.9 ...	728.3 ...	27.7 ...	424.2 ...	396.5 ...	19,361 20,608 18,869	9,756 13,761 9,870	98,818 102,677 105,418	6,573 7,213 7,065
February										
March .....	... ...	...	...	...	...	...	10,518 17,786 17,503	108,428 108,841 109,654	6,174 4,775 5,437	
April										
May	-119.6 ...	617.0 ...	736.6 ...	32.1 ...	434.3 ...	402.2 ...	20,793 16,448 18,387	8,610 8,928 10,296	110,885 110,787 111,857	4,684 5,314 4,335
June										
July										
August	-156.0 ...	613.7 ...	769.7 ...	32.3 ...	440.5 ...	408.2 ...	17,669 16,448 18,387	5,423 10,209 24,396	111,866 113,647 119,788	4,821 5,091 11,309
September										
October										
November	p-203.1 ...	p616.1 ...	r819.2 ...	p36.6 ...	p450.2 ...	r413.5 ...	p21,340 (NA)	(NA)	122,628 (NA)	r8,882 p5,951
December										
1983										
January										
February										
March										
April										
May										
June										
July										
August										
September										
October										
November										
December										

See note on page 80.

Graphs of these series are shown on pages 52 and 53.

¹Based on national income and product accounts.

D2 DEFENSE INDICATORS—Continued

Year and month	Intermediate and final measures of defense activity								National defense purchases	
	557. Output of defense and space equipment (1967=100)	559. Manufacturers' inventories, defense products (Mil. dol.)	561. Manufacturers' unfilled orders, defense products (Mil. dol.)	580. Defense Department net outlays (Mil. dol.)	588. Manufacturers' shipments, defense products (Mil. dol.)	570. Employment in defense products industries (Thous.)	Defense Department personnel		564. Federal purchases of goods and services (Ann. rate, bil. dol.)	565. Federal purchases as a percent of GNP (Percent)
							577. Military, active duty ⑩ (Thous.)	578. Civilian, direct hire employment ⑪ (Thous.)		
1981										
January	100.9	10,918	63,458	12,639	3,427	1,391	2,056	973		
February	100.5	11,154	65,143	12,932	3,655	1,388	2,061	972	143.1	5.0
March	100.7	11,406	65,468	12,619	3,873	1,390	2,062	974	...	...
April	101.5	11,627	65,852	12,833	3,768	1,393	2,060	980		
May	102.0	11,760	66,940	13,433	3,754	1,393	2,064	990	150.5	5.2
June	101.7	12,155	67,758	13,264	3,863	1,394	2,070	1,008	...	...
July	102.6	12,163	68,799	13,889	3,968	1,394	2,082	1,023		
August	102.8	12,217	69,711	13,809	4,099	1,396	2,084	1,017	154.4	5.2
September	103.0	12,492	71,650	14,014	3,988	1,396	2,083	984	...	...
October	104.5	12,618	71,701	14,227	4,057	1,391	2,090	998		
November	105.3	12,962	72,560	14,548	4,145	1,384	2,097	1,006	166.9	5.6
December	107.0	13,154	73,919	15,298	4,285	1,389	2,093	1,009	...	...
1982										
January	105.2	13,334	76,490	14,152	4,002	1,385	2,104	1,008	...	
February	106.5	13,598	79,329	14,689	4,374	1,378	2,109	1,013	166.2	5.5
March	107.0	13,857	81,905	15,075	4,490	1,376	2,107	1,018	...	...
April	107.2	13,946	83,808	15,670	4,271	1,373	2,106	1,022		
May	107.7	14,029	83,914	15,379	4,669	1,369	2,104	1,028	176.2	5.8
June	107.6	14,227	84,530	15,334	4,821	1,367	2,108	1,045	...	...
July	109.5	14,205	84,413	16,312	4,800	1,368	2,110	1,051		
August	109.5	14,459	85,081	15,050	4,647	1,358	2,109	1,043	182.7	5.9
September	109.5	14,869	84,557	16,881	4,859	1,360	2,109	990	...	...
October	111.9	15,204	84,452	15,972	4,925	1,356	2,108	1,016		
November	113.6	15,351	84,593	17,087	4,951	1,355	2,114	1,024	r189.3	6.1
December	r115.0	15,830	90,800	16,779	5,100	r1,351	2,113	1,027		
1983										
January	r115.9	16,420 (NA)	r94,643 p95,560	r17,058 p16,656	r5,042 p5,033	p1,346 (NA)	r2,120 p2,122	1,024 1,028		
April										
May										
June										
July										
August										
September										
October										
November										
December										

See note on page 80.

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

OTHER IMPORTANT ECONOMIC MEASURES

U.S. INTERNATIONAL TRANSACTIONS

Year and month	E1 MERCHANDISE TRADE					
	602. Exports, excluding military aid shipments, total	604. Exports of agri- cultural products	606. Exports of non- electrical machinery	612. General imports, total	614. Imports of petroleum and petroleum products	616. Imports of automobiles and parts
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1981	Revised ¹			Revised ¹		
January	18,902	4,295	4,058	22,616	7,359	2,264
February	19,788	3,977	4,155	21,916	8,018	1,742
March	21,278	4,201	4,352	21,029	5,992	2,125
April	19,786	3,604	4,311	22,249	6,919	2,042
May	18,899	3,708	4,160	21,232	6,329	2,299
June	19,750	3,256	4,388	22,005	6,521	2,257
July	19,289	3,089	4,567	20,114	5,400	2,108
August	19,031	3,202	6,207	23,242	6,335	2,635
September	19,551	3,563	4,559	21,274	5,709	1,943
October	19,163	3,735	4,338	23,077	6,123	2,464
November	19,153	3,442	4,366	22,508	6,483	2,239
December	18,885	3,220	4,005	19,746	4,636	2,164
1982						
January	18,584	3,258	4,346	21,940	6,810	2,389
February	18,614	3,590	4,054	19,231	4,396	2,135
March	18,462	3,225	3,997	20,044	4,290	2,596
April	18,005	3,400	3,932	17,880	3,894	2,389
May	18,124	3,527	3,957	21,034	4,180	2,785
June	18,823	3,332	4,211	21,070	4,855	2,626
July	18,060	2,789	4,305	20,380	5,624	2,455
August	17,463	2,763	3,856	22,599	5,731	2,795
September	17,320	2,648	4,197	20,655	4,903	2,370
October	16,671	2,681	3,829	21,018	5,433	2,444
November	15,852	2,783	3,686	19,266	4,757	2,130
December	16,347	2,637	3,719	18,717	4,694	2,189
1983						
January	17,393 (NA)	3,128 (NA)	3,644 (NA)	19,429 (NA)	4,166 (NA)	2,329 (NA)
April						
May						
June						
July						
August						
September						
October						
November						
December						

See note on page 80.

Graphs of these series are shown on page 56.

¹See "New Features and Changes for This Issue," page iii.

OTHER IMPORTANT ECONOMIC MEASURES

U.S. INTERNATIONAL TRANSACTIONS—Continued

Year and month	E2 GOODS AND SERVICES MOVEMENTS (EXCLUDING TRANSFERS UNDER MILITARY GRANTS)							
	Goods and services			Merchandise, adjusted ¹			Income on investments	
	667. Balance (Mil. dol.)	668. Exports (Mil. dol.)	669. Imports (Mil. dol.)	622. Balance (Mil. dol.)	618. Exports (Mil. dol.)	620. Imports (Mil. dol.)	651. U.S. invest- ments abroad (Mil. dol.)	652. Foreign investments in the United States (Mil. dol.)
1981								
January	4,667	93,280	88,613	-4,312	60,683	64,995	20,528	12,405
February .....	...	...	...	...	...	...	...	...
March .....	...	...	...	...	...	...	...	...
April	2,909	94,389	91,480	-6,547	60,284	66,831	21,642	13,441
May .....	...	...	...	...	...	...	...	...
June .....	...	...	...	...	...	...	...	...
July	2,559	92,965	90,406	-7,845	57,694	65,539	22,048	13,865
August .....	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...
November	943	92,259	91,316	-9,185	57,593	66,778	21,727	13,198
December .....	...	...	...	...	...	...	...	...
1982								
January	r3,082	r90,014	r86,932	r-5,938	55,607	r61,545	r20,896	14,029
February .....	...	...	...	...	...	...	...	...
March .....	...	...	...	...	...	...	...	...
April	r3,928	r91,088	r87,160	-5,762	r55,001	r60,763	r22,568	14,874
May .....	...	...	...	...	...	...	...	...
June .....	...	...	...	...	...	...	...	...
July	r-3,565	r87,132	r90,697	r-12,495	r52,334	r64,829	r21,626	r14,544
August .....	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...
October	p-3,672	p81,855	p85,527	rp-12,136	rp48,071	rp60,207	p20,811	p13,735
1983								
January								
February								
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								

See note on page 80.

Graphs of these series are shown on page 57.

¹Balance of payments basis: Excludes transfers under military grants and Department of Defense sales contracts (exports) and Department of Defense purchases (imports).

OTHER IMPORTANT ECONOMIC MEASURES

INTERNATIONAL COMPARISONS

Year and month	F1 INDUSTRIAL PRODUCTION							
	47. United States, index of indus- trial production (1967=100)	721. OECD ¹ European coun- tries, index of industrial production (1967=100)	728. Japan, index of indus- trial production (1967=100)	725. West Germany, index of industrial production (1967=100)	726. France, index of indus- trial production (1967=100)	722. United Kingdom, index of industrial production (1967=100)	727. Italy, index of industrial production (1967=100)	723. Canada, index of indus- trial production (1967=100)
1981								
January	151.4	154	237.2	156	156	116	158.6	163.8
February	151.8	159	237.0	164	159	117	170.3	166.0
March	152.1	158	237.7	160	157	117	169.3	168.0
April	151.9	156	238.0	160	156	117	168.4	169.7
May	152.7	156	235.2	160	159	116	158.0	170.2
June	152.9	155	240.7	156	160	118	159.8	172.7
July	153.9	158	243.1	157	157	118	165.2	170.4
August	153.6	152	240.7	157	157	118	137.2	164.5
September	151.6	158	245.6	160	160	118	164.1	163.8
October	149.1	158	248.3	160	160	121	158.4	161.3
November	146.3	158	248.4	157	r159	120	168.1	153.4
December	143.4	156	247.1	156	r160	118	160.4	157.2
1982								
January	140.7	156	245.8	157	r157	118	161.9	156.2
February	142.9	r158	244.0	161	156	118	169.8	154.7
March	141.7	158	247.1	161	r156	120	165.9	152.5
April	140.2	156	242.6	160	r157	120	164.8	150.5
May	139.2	156	238.3	157	r157	120	162.7	151.8
June	138.7	154	244.1	154	r157	118	154.9	148.0
July	138.8	r152	245.0	149	r154	118	159.6	143.3
August	138.4	151	244.3	154	r154	r120	146.4	149.5
September	137.3	152	247.1	152	154	120	153.9	144.5
October	135.7	r151	239.7	150	156	120	149.7	140.0
November	r134.9	152	p246.8	150	156	117	155.5	140.9
December	r135.2	p151	(NA)	149	p156	p120	p151.6	p139.7
1983								
January	r136.9	(NA)		p153	(NA)	(NA)	(NA)	(NA)
February	p137.3			(NA)				
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								

See note on page 80.

Graphs of these series are shown on page 58.

*Organization for Economic Cooperation and Development.

Year and month	F2 CONSUMER PRICES									
	United States		Japan		West Germany		France		United Kingdom	
	320. Index ① (1967=100)	320c. Change over 6-month spans ¹ (Ann. rate, percent)	738. Index ① (1967=100)	738c. Change over 6-month spans ¹ (Ann. rate, percent)	735. Index ① (1967=100)	735c. Change over 6-month spans ¹ (Ann. rate, percent)	736. Index ① (1967=100)	736c. Change over 6-month spans ¹ (Ann. rate, percent)	732. Index ① (1967=100)	732c. Change over 6-month spans ¹ (Ann. rate, percent)
1981										
January	260.5	9.9	291.1	4.4	180.9	6.6	312.7	13.2	445.5	13.0
February	263.2	9.6	290.8	3.1	182.3	6.2	315.6	13.0	449.5	12.1
March	265.1	9.1	292.2	3.8	183.5	5.7	318.8	13.0	456.2	11.6
April	266.8	10.0	294.5	2.6	184.7	6.3	323.1	13.8	469.4	12.5
May	269.0	10.1	297.0	2.9	185.4	6.7	326.0	14.3	472.4	12.1
June	271.3	10.6	297.3	3.2	186.3	6.9	329.2	15.3	475.2	10.7
July	274.4	10.5	296.4	3.9	187.1	6.9	334.9	14.9	477.3	10.4
August	276.5	9.6	294.7	4.1	187.7	7.1	339.0	15.7	480.8	11.8
September	279.3	8.8	299.5	4.2	188.6	6.9	342.9	15.1	483.5	12.5
October	279.9	6.9	300.7	4.0	189.2	6.3	347.1	13.9	487.9	11.5
November	280.7	5.3	299.8	3.3	190.1	4.8	350.3	13.6	493.0	9.9
December	281.5	3.1	299.8	2.4	190.7	3.5	352.4	13.0	496.1	10.0
1982										
January	282.5	2.9	300.7	1.9	192.3	3.0	356.0	13.0	499.0	8.4
February	283.4	4.0	299.8	0.5	192.8	3.5	359.6	12.0	499.1	7.3
March	283.1	5.5	300.4	0.1	193.1	4.9	363.8	12.0	503.5	6.0
April	284.3	6.1	302.9	-0.5	194.0	4.9	368.2	9.9	513.6	6.0
May	287.1	6.6	303.8	2.9	195.2	5.4	371.1	8.2	517.3	6.0
June	290.6	6.9	303.8	4.0	197.1	6.3	373.7	7.2	518.9	4.7
July	292.2	7.2	301.5	4.4	197.6	6.8	374.7	5.8	518.9	5.3
August	292.8	5.1	303.8	4.1	197.3	5.9	375.9	6.9	519.0	5.3
September	293.3	2.3	309.1	3.7	197.9	4.0	377.5	7.3	518.7	4.2
October	294.1	1.4	310.0	4.0	198.5	2.7	379.5	9.5	521.3	4.0
November	293.6	0.4	306.6	(NA)	198.9	(NA)	383.2	(NA)	523.9	5.5
December	292.4		306.0		199.4		386.4		522.9	
1983										
January	293.1		306.6		199.8		390.1		523.5	
February	293.2		(NA)		(NA)		(NA)		525.6	
April										
May										
June										
July										
August										
September										
October										
November										
December										

See note on page 80.

Graphs of these series are shown on page 59.

¹Changes over 6-month spans are centered on the 4th month.

OTHER IMPORTANT ECONOMIC MEASURES

INTERNATIONAL COMPARISONS—Continued

Year and month	F2 CONSUMER PRICES—Continued				F3 STOCK PRICES						
	Italy		Canada		19. United States, index of stock prices, 500 common stocks ①	748. Japan, index of stock prices ①	745. West Germany, index of stock prices ①	746. France, index of stock prices ①	742. United Kingdom, index of stock prices ①	747. Italy, index of stock prices ①	743. Canada, index of stock prices ①
	737. Index ①	737c. Change over 6-month spans *	733. Index ①	733c. Change over 6-month spans *							
	(1967=100)	(Ann. rate, percent)	(1967=100)	(Ann. rate, percent)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)
1981											
January	440.7	20.1	259.1	13.1	144.6	457.9	115.3	191.1	259.0	110.0	223.7
February	449.1	20.1	261.7	12.2	139.7	458.2	114.0	201.1	269.0	122.1	218.6
March	455.4	19.3	265.2	13.2	144.9	467.3	116.3	209.4	273.2	125.9	233.9
April	461.3	18.9	267.2	12.3	146.2	494.6	122.7	197.7	293.2	132.4	232.3
May	468.7	18.2	269.6	12.3	143.3	502.8	122.1	162.5	295.6	135.9	245.7
June	473.9	16.8	273.8	11.9	143.9	515.2	126.1	152.3	289.0	123.5	242.9
July	477.7	17.7	276.2	12.2	140.5	534.4	127.5	168.9	284.8	99.1	232.3
August	481.0	16.8	278.2	12.2	141.0	540.7	122.5	177.4	298.6	112.0	231.6
September	487.7	17.0	280.2	11.0	128.7	511.3	122.5	176.5	278.9	99.1	192.3
October	497.5	15.8	283.0	10.6	130.3	493.8	118.8	163.9	259.5	91.2	190.4
November	506.0	15.3	285.4	10.9	133.7	505.6	118.0	169.2	278.0	93.8	208.9
December	511.1	15.6	286.7	11.2	134.7	512.7	117.7	170.7	284.2	96.9	201.2
1982											
January	517.7	13.8	288.7	10.5	127.6	518.9	116.8	185.7	291.1	95.0	185.3
February	524.4	13.6	292.1	11.4	124.6	516.9	118.4	193.1	300.1	98.8	176.7
March	529.1	13.1	295.8	11.4	120.6	486.2	120.1	145.9	298.8	104.2	173.1
April	533.9	15.9	297.5	11.1	126.5	484.5	120.6	184.8	303.2	96.7	171.2
May	539.8	19.0	301.5	10.2	126.6	503.4	117.6	183.3	315.4	91.0	168.4
June	545.2	18.7	304.5	9.5	119.7	489.6	114.2	166.3	314.6	83.1	153.8
July	553.4	20.6	306.1	9.4	119.0	480.8	113.5	161.1	313.2	78.4	156.8
August	563.4	19.8	307.6	8.2	119.3	474.3	112.3	169.3	320.1	86.1	177.4
September	571.3	19.1	309.2	7.2	133.2	481.6	115.6	168.4	343.5	85.8	177.3
October	582.7	16.7	311.2	5.7	144.3	490.4	118.2	170.7	360.7	86.4	192.6
November	590.3	(NA)	313.3	4.7	150.2	512.7	118.8	174.5	372.0	r88.8	189.7
December	594.4		313.4		151.6	528.2	124.3	169.9	365.0	91.2	199.5
1983											
January	602.7	(NA)	312.5		156.9	533.3	126.0	rp174.9	371.9	95.5	210.0
February			313.9		159.7	530.8	131.9	rp181.2	rp381.3	rp109.9	rp216.1
March					p165.3	p535.2	p143.1	p185.8	p388.0	p115.0	p221.5
April											
May											
June											
July											
August											
September											
October											
November											
December											

See note on page 80.

Graphs of these series are shown on page 59.

*Changes over 6-month spans are centered on the 4th month.

C. Historical Data for Selected Series

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
37. NUMBER OF PERSONS UNEMPLOYED, LABOR FORCE SURVEY (THOUSANDS)																	
1948...	2,034	2,328	2,399	2,386	2,118	2,214	2,213	2,350	2,302	2,259	2,285	2,429	2,254	2,239	2,288	2,324	2,276
1949...	2,596	2,849	3,030	3,260	3,707	3,776	4,111	4,193	4,049	4,916	3,996	4,063	2,825	3,581	4,118	4,325	3,637
1950...	4,026	3,936	3,876	3,575	3,434	3,367	3,120	2,799	2,774	2,625	2,589	2,639	3,946	3,459	2,898	2,618	3,288
1951...	2,305	2,117	2,125	1,919	1,856	1,995	1,950	1,933	2,067	2,194	2,178	1,960	2,182	1,923	1,983	2,111	2,055
1952...	1,972	1,957	1,813	1,811	1,863	1,884	1,991	2,087	1,936	1,839	1,743	1,667	1,914	1,853	2,005	1,750	1,883
1953...	1,839	1,636	1,647	1,723	1,596	1,607	1,660	1,665	1,821	1,974	2,211	2,818	1,707	1,642	1,715	2,334	1,834
1954...	3,077	3,331	3,607	3,749	3,767	3,551	3,659	3,854	3,927	3,666	3,402	3,196	3,338	3,689	3,813	3,421	3,532
1955...	3,157	2,969	2,918	3,049	2,747	2,701	2,632	2,784	2,678	2,830	2,780	2,761	3,015	2,832	2,698	2,790	2,852
1956...	2,666	2,606	2,764	2,650	2,861	2,882	2,952	2,701	2,635	2,571	2,861	2,790	2,679	2,798	2,763	2,741	2,750
1957...	2,796	2,622	2,509	2,600	2,710	2,856	2,796	2,747	2,943	3,020	3,454	3,476	2,642	2,722	2,829	3,317	2,859
1958...	3,875	4,303	4,492	5,016	5,021	4,944	5,079	5,025	4,821	4,570	4,188	4,191	4,223	4,994	4,975	4,316	4,602
1959...	4,068	3,965	3,801	3,571	3,479	3,429	3,528	3,588	3,775	3,910	4,003	3,653	3,945	3,493	3,630	3,855	3,740
1960...	3,615	3,329	3,726	3,620	3,569	3,766	3,836	3,946	3,884	4,252	4,330	4,617	3,557	3,652	3,889	4,400	3,852
1961...	4,671	4,832	4,853	4,883	5,003	4,885	4,928	4,682	4,676	4,573	4,295	4,177	4,785	4,927	4,762	4,348	4,714
1962...	4,081	3,871	3,921	3,906	3,863	3,844	3,819	4,013	3,961	3,803	4,024	3,907	3,958	3,871	3,931	3,911	3,911
1963...	4,074	4,238	4,072	4,055	4,217	3,977	4,051	3,878	3,957	3,987	4,151	3,975	4,128	4,083	3,962	4,038	4,070
1964...	4,029	3,932	3,950	3,918	3,764	3,814	3,608	3,555	3,712	3,726	3,551	3,651	3,970	3,832	3,643	3,786	3,666
1965...	3,572	3,730	3,510	3,595	3,432	3,387	3,301	3,254	3,216	3,143	3,073	3,031	3,504	3,471	3,257	3,082	3,366
1966...	2,988	2,820	2,887	2,828	2,950	2,872	2,876	2,900	2,798	2,798	2,770	2,912	2,898	2,883	2,827	2,875	2,875
1967...	2,368	2,055	2,689	2,895	2,929	2,992	2,944	2,945	2,958	3,143	3,066	3,018	2,924	2,949	3,076	2,975	2,975
1968...	2,878	3,011	2,877	2,709	2,740	2,938	2,883	2,768	2,686	2,689	2,715	2,685	2,919	2,796	2,696	2,817	2,817
1969...	2,718	2,692	2,712	2,758	2,713	2,816	2,668	2,856	3,040	2,856	2,884	2,707	2,782	2,921	2,930	2,832	2,832
1970...	3,201	3,453	3,635	3,797	3,919	4,071	4,175	4,256	4,456	4,591	4,898	5,076	3,430	3,929	4,296	4,855	4,093
1971...	4,986	4,903	4,987	4,959	4,996	4,949	5,035	5,134	5,042	4,954	5,161	5,070	4,959	4,968	5,070	5,090	5,016
1972...	5,019	4,928	5,038	4,959	4,922	4,923	4,913	4,939	4,849	4,875	4,602	4,543	4,995	4,935	4,900	4,673	4,882
1973...	4,326	4,452	4,394	4,459	4,329	4,363	4,305	4,305	4,350	4,144	4,396	4,489	4,391	4,384	4,320	4,343	4,365
1974...	4,644	4,731	4,634	4,618	4,705	4,927	5,063	5,022	5,437	5,523	6,140	6,636	4,670	5,174	6,100	5,156	5,156
1975...	7,501	7,520	7,978	8,210	8,433	8,220	8,127	7,928	7,923	7,897	7,794	7,744	7,666	8,288	7,993	7,812	7,929
1976...	7,534	7,326	7,230	7,330	7,053	7,322	7,490	7,518	7,380	7,430	7,620	7,545	7,363	7,235	7,463	7,532	7,406
1977...	7,280	7,443	7,307	7,059	6,911	7,134	6,829	6,925	6,751	6,763	6,815	6,386	7,343	7,035	6,835	6,655	6,991
1978...	6,489	6,318	6,337	6,180	6,127	6,028	6,309	6,080	6,125	5,947	6,077	6,228	6,381	6,112	6,084	6,202	6,202
1979...	6,112	6,173	6,104	6,062	5,861	5,950	5,986	6,313	6,183	6,298	6,248	6,361	6,130	5,958	6,161	6,302	6,137
1980...	6,674	6,674	6,717	7,348	7,970	8,063	8,353	8,287	8,044	8,111	8,029	7,796	6,688	7,794	8,228	7,979	7,637
1981...	8,048	8,032	7,967	7,860	8,133	8,047	7,854	8,053	8,271	8,673	9,025	9,389	8,016	8,013	8,059	9,029	8,273
1982...	9,346	9,669	9,881	10,256	10,384	10,466	10,828	10,931	11,315	11,576	11,906	12,036	9,632	10,369	11,025	11,839	10,678
42. NUMBER OF PERSONS ENGAGED IN NONAGRICULTURAL ACTIVITIES, LABOR FORCE SURVEY (THOUSANDS)																	
1948...	49,984	50,500	50,338	50,734	50,713	51,152	51,366	50,894	50,648	50,761	50,793	50,756	50,274	50,886	50,969	50,770	50,714
1949...	50,385	50,186	50,035	49,836	49,485	49,370	49,169	49,793	50,287	50,455	50,512	50,466	50,202	49,564	49,750	50,478	49,993
1950...	50,570	50,694	50,612	51,319	51,372	51,767	51,875	52,549	52,583	52,432	52,534	52,669	50,625	51,486	52,336	52,545	51,758
1951...	52,808	52,923	52,543	53,167	53,436	53,091	53,555	53,204	53,155	53,374	53,137	53,432	53,091	53,231	53,305	53,314	53,235
1952...	53,312	53,442	53,440	53,384	53,861	53,690	53,637	53,616	53,984	53,769	54,239	54,593	53,398	53,645	53,746	54,200	53,749
1953...	54,958	55,421	55,590	55,082	55,082	55,095	54,043	53,688	53,630	53,421	53,766	53,829	54,028	54,423	54,268	54,413	54,919
1954...	53,951	54,073	53,791	54,675	53,307	55,538	56,075	56,222	56,131	56,263	56,602	57,031	54,745	53,938	53,772	53,904	53,904
1955...	54,640	54,873	54,722	57,154	57,486	57,485	57,480	57,692	57,704	57,838	57,799	58,104	57,138	57,375	57,625	57,914	57,514
1956...	57,163	57,061	57,190	57,154	57,486	57,485	58,211	57,966	58,194	58,139	58,061	58,171	57,983	57,885	58,138	58,138	58,123
1957...	57,842	56,132	56,441	56,211	56,966	56,441	56,211	56,227	57,220	57,220	57,339	57,728	57,912	57,839	58,028	57,268	57,450
1958...	57,389	57,244	57,170	57,029	57,227	57,220	57,220	57,220	57,220	57,220	57,220	57,220	59,556	59,050	59,883	58,411	59,065
1959...	58,875	58,255	58,590	58,875	58,907	59,137	59,447	59,402	59,323	59,556	59,556	59,556	59,927	60,166	60,156	59,927	60,318
1960...	59,889	60,177	59,714	60,488	60,350	60,773	60,455	60,486	60,520	60,716	60,991	60,908	60,305	60,487	60,487	60,872	60,546
1961...	60,354	60,116	60,444	62,972	62,886	63,007	63,211	63,304	63,524	63,592	63,573	63,584	62,406	62,955	63,346	63,583	63,076
1962...	61,014	61,249	61,336	61,363	61,724	61,727	61,643	62,102	62,325	62,298	62,016	62,300	61,200	61,605	62,023	62,205	61,759
1963...	62,190	62,372	62,655	62,972	62,886	63,007	63,211	63,304	63,524	63,592	63,573	63,584	62,406	62,955	63,346	63,583	63,076
1964...	63,724	64,188	64,397	64,942	64,028	64,662	64,808	64,890	64,959	65,032	65,239	65,492	64,103	64,877	64,886	65,254	64,782
1965...	65,726	65,805	66,121	66,209	66,310	66,581	67,070	67,007	67,015	67,277	67,631	67,903	65,884	66,367	67,031	66,704	66,726
1966...	68,121	68,056	68,119	68,402	68,567	68,808	68,940	69,225	69,306	69,489	69,895	69,823	68,099	68,592	69,157	69,736	69,915
1967...	69,781	69,883	69,682	70,134	70,186	70,589	70,687	70,804	71,003	71,043	71,192	71,397	69,782	70,303	70,831	71,211	70,527
1968...	70,792	71,270	71,475	71,686	72,293	72,376	72,267	72,307	72,414	72,483	72,736	73,032	71,179	72,118	72,329	72,7	

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
44. UNEMPLOYMENT RATE, PERSONS UNEMPLOYED 15 WEEKS AND OVER (PERCENT)																	
AVERAGE FOR PERIOD																	
1948...	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1949...	0.5	0.6	0.7	0.8	1.0	1.2	1.4	1.5	1.6	1.6	1.7	1.6	0.6	1.0	1.5	1.6	1.1
1950...	1.5	1.5	1.5	1.5	1.4	1.4	1.2	1.0	1.0	0.9	0.8	0.8	1.5	1.4	1.1	0.8	1.3
1951...	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.6	0.4	0.4	0.4	0.5
1952...	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.4
1953...	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.3	0.3	0.3	0.4	0.3
1954...	0.6	0.8	1.2	1.2	1.4	1.4	1.5	1.6	1.6	1.6	1.5	1.3	0.9	1.3	1.6	1.5	1.3
1955...	1.4	1.3	1.3	1.3	1.1	1.0	1.0	0.8	0.9	0.9	0.9	0.9	1.3	1.1	0.9	0.9	1.1
1956...	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.9	0.8	0.8	0.9	0.9	0.8
1957...	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.1	0.8	0.8	0.8	0.8	0.8
1958...	1.3	1.5	1.7	2.1	2.2	2.5	2.6	2.8	2.6	2.5	2.3	2.2	1.5	2.3	2.7	2.3	2.1
1959...	2.1	1.9	1.8	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.9	1.4	1.5	1.3	1.5
1960...	1.3	1.2	1.4	1.3	1.1	1.2	1.3	1.3	1.4	1.7	1.6	1.3	1.2	1.3	1.7	1.4	1.4
1961...	1.9	2.0	2.1	2.3	2.4	2.3	2.6	2.3	2.2	2.1	2.0	1.9	2.0	2.3	2.4	2.0	2.2
1962...	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.8	1.6	1.5	1.5	1.6
1963...	1.6	1.5	1.5	1.5	1.6	1.5	1.5	1.6	1.5	1.5	1.4	1.6	1.5	1.5	1.5	1.5	1.5
1964...	1.5	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.3	1.2	1.2	1.4	1.3	1.3	1.2	1.3	1.3
1965...	1.1	1.2	1.1	1.1	1.0	1.1	0.9	1.0	1.0	0.9	0.9	1.1	1.1	1.0	0.9	1.0	1.0
1966...	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.7	0.6	0.6	0.7
1967...	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6
1968...	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5
1969...	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5
1970...	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.3	0.6	0.7	0.9	1.1	0.6
1971...	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.4	1.5	1.5	1.4
1972...	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.5	1.3	1.2	1.3	1.3
1973...	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.8	1.0	0.9	0.9	0.9	0.9	0.9
1974...	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.4	0.9	1.0	1.0	1.3	1.0
1975...	1.7	2.0	2.2	2.6	2.8	3.0	3.1	3.0	3.1	2.9	3.0	3.0	2.0	2.8	3.1	3.0	2.7
1976...	2.9	2.7	2.6	2.3	2.2	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.7	2.3	2.4	2.4	2.5
1977...	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.9	1.8	1.8	1.7	2.2	2.0	1.9	1.8	2.0
1978...	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.6	1.4	1.3	1.2	1.4
1979...	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2
1980...	1.3	1.3	1.4	1.6	1.6	1.7	1.9	2.0	2.1	2.1	2.2	2.3	1.3	1.6	2.0	2.2	1.7
1981...	2.2	2.2	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.0	2.2	2.2	2.1
1982...	2.2	2.5	2.7	2.8	3.0	3.2	3.2	3.3	3.5	3.8	4.1	4.3	2.5	3.0	3.3	4.1	3.2
45. AVERAGE WEEKLY INSURED UNEMPLOYMENT RATE, STATE PROGRAMS (PERCENT)																	
AVERAGE FOR PERIOD																	
1943...	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1949...	4.2	4.7	5.2	5.4	5.8	6.2	6.4	7.2	7.4	7.5	7.3	6.6	4.7	5.8	7.0	7.1	6.2
1950...	6.2	6.0	5.8	5.4	5.0	4.7	4.3	3.7	3.5	3.3	3.4	3.0	5.0	3.8	3.3	4.6	
1951...	2.9	2.7	2.5	2.6	2.8	2.9	3.0	3.2	3.4	3.4	3.3	3.2	2.7	2.8	3.2	3.3	3.0
1952...	3.2	3.1	3.1	3.0	3.0	3.0	3.6	3.3	3.2	2.6	2.5	2.4	3.1	3.0	3.2	2.5	2.9
1953...	2.6	2.5	2.5	2.5	2.4	2.4	2.5	2.7	2.9	3.2	3.8	4.1	2.5	2.4	2.7	2.7	2.8
1954...	4.4	4.7	5.0	5.3	5.5	5.5	5.3	5.4	5.6	5.6	5.0	4.5	4.7	5.4	5.0	5.2	
1955...	4.2	4.1	3.8	3.6	3.4	3.3	3.3	3.2	3.2	3.1	3.1	3.2	4.0	3.4	3.1	3.5	
1956...	5.2	5.3	3.3	3.2	3.3	3.4	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.4	3.4	
1957...	3.5	3.5	3.4	3.3	3.3	3.4	3.5	3.5	3.5	3.9	4.3	4.8	5.3	3.5	3.6	4.8	3.8
1958...	5.5	6.0	7.1	7.0	6.9	6.7	6.7	6.2	6.0	5.6	5.3	6.0	7.0	6.5	5.6	6.3	
1959...	4.9	4.7	4.3	4.0	3.6	3.5	3.7	4.1	4.2	4.8	5.5	5.5	4.0	4.0	4.0	4.3	
1960...	4.3	4.2	4.5	4.3	4.2	4.4	4.7	4.4	4.4	4.5	4.6	4.5	4.7	5.4	5.0	5.1	
1961...	6.2	6.3	5.9	5.6	5.3	5.3	5.2	5.1	5.0	4.8	5.6	5.2	5.0	5.2	5.0	5.5	
1962...	4.7	4.5	4.4	3.9	3.8	4.0	4.2	4.4	4.4	4.5	4.6	4.7	4.5	4.3	4.6	4.3	
1963...	4.7	4.6	4.4	4.2	4.2	4.1	4.2	4.2	4.1	4.1	4.1	4.1	4.6	4.2	4.1	4.2	
1964...	4.0	3.9	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.4	3.4	3.4	3.9	3.5	3.4	3.6	
1965...	3.3	3.3	3.2	3.1	3.0	2.9	3.0	3.0	2.9	2.7	2.6	2.6	3.3	3.0	2.6	3.0	
1966...	2.6	2.6	2.3	2.1	2.1	2.2	2.4	2.4	2.1	2.0	2.1	2.0	2.3	2.1	2.3	2.1	
1967...	2.4	2.5	2.6	2.7	2.6	2.5	2.6	2.4	2.3	2.3	2.3	2.4	2.5	2.6	2.4	2.5	
1968...	2.4	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.2	2.1	2.0	2.2	
1969...	2.2	2.2	2.1	2.0	2.0	2.1	2.1	2.0	2.0	2.1	2.2	2.2	2.0	2.2	2.1	2.1	
1970...	2.6	2.8	3.2	3.5	3.5	3.6	3.5	3.6	3.8	4.1	4.2	4.1	2.7	3.4	3.6	4.1	3.5
1971...	3.9	3.9	4.0	4.0	4.0	4.0	3.9	4.1	4.1	4.0	3.9	3.8	4.0	4.0	3.9	4.0	
1972...	3.6	3.6	3.6	3.5	3.5	3.5	3.6	3.3	3.3	3.1	3.1	3.1	3.6	3.5	3.4	3.4	
1973...	2.8	2.8	2.7	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.7	2.8	2.8	2.6	2.7	2.7	
1974...	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.5	3.7	4.3	5.0	3.2	3.2	3.3	4.3	3.5
1975...	5.5	5.9	6.4	6.7	6.8	6.5	6.1	5.8	5.7	5.5	5.1	4.7	5.9	6.7	5.9	5.1	5.9
1976...	4.5	4.3	4.3	3.9	3.8	3.8	3.7	3.7	3.7	3.7	3.6	4.1	3.8	3.7	3.7	3.8	
1977...	4.2	4.2	4.0	3.9	3.8	3.8	3.7	3.7	3.7	3.6	4.1	4.1	3.8	3.7	3.7	3.8	
1978...	3.6	3.7	3.6	3.3	3.1	3.1	3.2	3.3	3.1	2.9	3.0	3.1	3.6	3.2	3.0	3.2	
1979...	3.1	3.1	3.1	3.0	2.8	2.7	2.8	2.9	2.8	2.9	3.1	3.2	3.1	2.8	2.8	3.1	
1980...	3.3	3.3	3.4	3.7	4.2	4.4	4.3	4.2	4.2	4.0	3.8	3.6	3.3	4.1	4.2	3.8	
1981...	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.3	3.5	3.8	4.1	3.4	3.3	3.2	3.8	</

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual	
90. RATIO, CIVILIAN EMPLOYMENT TO TOTAL POPULATION OF WORKING AGE (PERCENT)																		
1948...	55.91	56.00	55.45	56.01	55.54	56.35	56.42	55.90	55.91	55.74	55.72	55.99	55.79	55.97	56.08	55.82	55.91	
1949...	55.41	55.40	55.20	54.88	54.65	54.24	54.21	54.36	54.49	54.14	54.80	54.60	55.34	54.59	54.35	54.51	54.70	
1950...	54.36	54.43	54.36	55.12	55.16	55.49	55.40	56.08	55.82	55.98	55.83	55.54	54.38	55.26	55.77	55.78	55.30	
1951...	55.69	55.68	56.31	55.80	56.03	55.46	55.91	55.71	55.39	55.62	55.40	55.97	55.89	55.76	55.67	55.66	55.75	
1952...	55.89	55.85	55.29	55.26	55.47	55.44	55.16	54.95	55.57	55.16	55.68	55.82	55.68	55.39	55.23	55.55	55.46	
1953...	56.15	56.26	56.22	55.68	55.25	55.60	55.50	55.23	54.95	54.89	54.71	53.98	56.21	55.51	55.23	54.53	55.37	
1954...	53.97	54.51	54.03	54.00	53.71	53.57	53.41	53.55	53.89	53.82	53.85	53.59	53.76	53.62	53.75	53.82	53.82	
1955...	54.12	54.07	54.22	54.67	54.73	54.83	55.44	55.65	55.73	55.72	55.91	56.24	54.14	54.74	55.61	55.96	55.11	
1956...	56.27	56.02	55.88	56.03	56.18	56.11	56.04	56.15	56.18	56.04	55.83	55.89	56.06	56.11	56.12	55.92	56.05	
1957...	55.60	56.10	56.18	55.81	55.71	55.83	56.05	55.49	55.58	55.45	55.07	55.25	55.96	55.78	55.71	55.26	55.68	
1958...	54.60	54.28	54.09	53.96	54.12	53.95	53.92	54.10	54.18	54.36	54.29	54.29	54.32	54.01	54.07	54.31	54.18	
1959...	54.51	54.29	54.73	55.09	54.97	55.04	55.11	54.91	54.80	54.86	54.48	55.11	54.51	55.03	54.94	54.82	54.82	
1960...	54.86	55.04	54.19	55.23	55.26	55.29	55.22	54.95	55.20	54.62	54.93	54.57	54.70	55.25	55.12	54.71	54.95	
1961...	54.50	54.30	54.47	54.02	54.02	54.42	54.04	54.18	53.87	54.13	54.20	54.00	54.42	54.15	54.03	54.11	54.18	
1962...	54.12	54.43	54.34	54.14	54.33	54.29	54.06	54.37	54.46	54.30	54.00	53.99	54.30	54.25	54.30	54.10	54.24	
1963...	54.01	53.90	54.07	54.23	54.14	54.08	54.21	54.15	54.29	54.31	54.21	54.10	53.99	54.15	54.22	54.21	54.14	
1964...	54.11	54.37	54.31	54.71	54.85	54.45	54.51	54.49	54.50	54.43	54.47	54.46	54.26	54.67	54.50	54.45	54.47	
1965...	54.53	54.57	54.74	54.82	55.07	54.98	55.28	55.13	54.99	55.23	55.19	55.38	54.61	54.96	55.13	55.27	54.99	
1966...	55.42	55.30	55.27	55.46	55.37	55.52	55.52	55.66	55.67	55.70	55.96	55.80	55.33	55.45	55.62	55.82	55.55	
1967...	55.69	55.57	55.37	55.64	55.53	55.78	55.88	55.94	55.92	55.95	55.97	56.15	55.54	55.65	55.91	56.04	55.79	
1968...	55.51	55.83	55.88	55.95	56.27	56.25	56.10	55.98	55.99	55.96	56.07	56.20	56.47	56.16	56.02	56.08	56.00	
1969...	56.14	56.47	56.41	56.45	56.28	56.54	56.52	56.65	56.57	56.62	56.61	56.68	56.34	56.42	56.58	56.64	56.50	
1970...	56.64	56.50	56.53	56.50	56.15	55.97	56.09	55.92	55.74	55.78	55.66	55.53	55.66	55.21	55.92	55.66	56.08	
1971...	55.63	55.43	55.26	55.45	55.47	55.11	55.40	55.48	55.49	55.55	55.73	55.76	55.44	55.34	55.46	55.68	55.48	
1972...	55.71	55.72	55.96	55.95	56.02	56.06	56.06	56.21	56.09	56.05	56.21	56.39	55.80	56.01	56.12	56.22	56.04	
1973...	56.14	56.57	56.84	56.82	56.79	57.06	57.04	56.89	56.98	57.22	57.35	57.31	56.52	56.89	56.97	57.29	56.92	
1974...	57.32	57.36	57.32	57.12	57.17	57.11	57.16	56.99	56.91	56.78	56.45	56.05	57.33	57.13	57.02	56.43	56.98	
1975...	55.62	55.29	55.17	55.09	55.17	55.01	55.24	55.36	55.30	55.28	55.29	55.36	55.09	55.30	55.27	55.25	55.25	
1976...	55.67	55.77	55.88	56.08	56.23	55.99	56.24	56.23	56.11	56.10	56.24	56.37	55.77	56.10	56.19	56.20	56.07	
1977...	56.27	56.45	56.66	56.87	57.07	57.10	57.08	57.21	57.29	57.42	57.78	57.91	56.46	57.01	57.19	57.70	57.09	
1978...	58.00	58.07	58.39	58.53	58.78	58.54	58.66	58.72	58.60	59.03	59.00	58.02	58.57	58.64	58.98	58.55	58.55	
1979...	59.14	59.28	59.27	59.01	59.03	59.17	59.27	59.06	59.31	59.21	59.23	59.36	59.23	59.07	59.21	59.27	59.20	
1980...	59.23	59.20	58.96	58.60	58.36	58.19	58.12	58.06	58.15	58.21	58.29	58.27	59.13	58.38	58.11	58.26	58.47	
1981...	58.38	58.43	58.58	58.80	58.72	58.84	58.31	58.44	58.36	57.94	58.02	57.88	57.51	58.46	58.61	58.25	57.80	58.28
1982...	57.46	57.41	57.29	57.17	57.40	57.17	57.06	56.92	56.65	56.57	56.50	57.39	57.25	57.01	56.57	57.06	57.06	
91. AVERAGE (MEAN) DURATION OF UNEMPLOYMENT IN WEEKS (WEEKS)																		
1948...	8.9	8.4	8.7	8.5	9.1	8.8	8.6	8.8	8.5	9.5	7.8	8.1	8.7	8.8	8.6	8.5	8.6	
1949...	8.2	8.3	8.3	8.8	9.1	10.0	10.8	11.0	11.7	10.9	11.6	11.8	8.3	9.3	11.2	11.4	10.0	
1950...	11.3	11.8	12.4	12.6	12.7	13.1	12.5	12.2	12.2	12.3	10.7	10.7	11.8	12.8	12.3	11.2	12.1	
1951...	10.6	10.8	10.1	10.6	9.9	8.7	9.2	9.1	9.1	8.9	9.7	9.3	10.5	9.7	9.3	9.7	9.7	
1952...	9.3	8.8	8.4	9.0	7.8	7.3	7.5	7.6	8.1	9.1	9.5	8.8	8.8	8.0	7.7	8.4	8.4	
1953...	9.3	8.4	8.5	7.8	7.9	8.2	7.9	8.0	7.1	7.2	7.9	8.0	8.7	8.0	7.7	7.7	8.0	
1954...	8.7	9.5	10.6	10.9	11.6	12.3	12.5	12.8	12.9	13.3	13.2	13.4	9.6	11.6	12.7	13.3	11.8	
1955...	13.4	14.2	13.4	14.3	14.4	13.4	13.8	12.3	11.7	11.5	11.3	12.0	13.7	14.0	12.6	13.0	13.0	
1956...	11.7	12.5	11.6	11.0	10.4	10.1	10.5	12.0	11.8	11.6	10.9	11.4	11.9	10.5	11.4	11.3	11.3	
1957...	10.4	10.7	10.8	10.6	10.4	10.2	10.1	10.5	9.8	11.1	10.4	10.4	10.6	10.4	10.1	10.5	10.5	
1958...	10.5	11.0	11.2	12.1	13.1	14.4	14.6	15.7	16.5	16.5	16.4	15.7	10.9	13.2	15.6	16.2	13.9	
1959...	16.3	15.5	15.3	14.9	14.7	14.9	14.3	13.7	13.7	12.9	13.1	13.1	15.7	14.8	13.9	14.4	14.4	
1960...	13.5	13.1	13.0	12.6	12.5	12.6	12.6	12.2	12.2	12.9	13.5	13.4	13.2	12.1	12.6	12.8	12.8	
1961...	13.7	13.6	14.1	15.5	15.6	15.6	17.3	17.0	17.0	16.1	15.9	15.8	13.8	15.8	16.2	15.6	15.6	
1962...	15.3	16.0	15.0	14.9	15.5	15.1	14.6	14.5	14.0	14.0	13.9	13.3	14.1	15.4	15.2	14.4	14.7	
1963...	13.8	14.1	14.5	14.5	14.5	14.0	14.0	13.9	14.2	13.9	13.3	13.3	14.1	14.3	14.0	13.5	14.0	
1964...	13.5	13.2	13.5	12.4	13.6	13.6	14.7	13.0	12.7	12.6	12.7	12.7	13.4	13.2	13.5	13.1	13.3	
1965...	12.2	12.6	12.0	11.4	11.1	11.6	11.6	11.9	11.9	12.1	11.7	11.4	11.4	12.3	12.4	11.9	12.0	
1966...	11.9	11.2	8.9	8.8	8.7	8.3	8.3	8.4	8.4	8.7	8.9	8.6	11.4	9.1	8.5	8.7	9.7	
1967...	9.3	9.2	8.9	8.8	8.7	8.3	8.3	8.9	8.9	9.0	9.1	9.6	8.4	8.6	8.5	8.7	9.7	
1968...	8.1	7.9	7.9	7.9	7.8	7.7	7.8	7.9	8.0	7.6	8.0	8.0	8.0	7.8	7.9	7.9	7.9	
1969...	7.9	8.0	8.3	8.2	8.6	8.6	8.9	8.8	8.9	8.7	9.3	9.8	8.1	9.5	8.9	9.3	8.6	
1970...	10.7	10.4	10.6	10.9	11.2	11.6	11.5	11.5	11.9	12.6	12.0	11.5	10.5	11.2	11.6	12.0	11.3	
1971...	12.1	12.4	12.3	12.4	12.3	12.4	11.8	11.8	12.1	11.7	11.4	11.4	12.3	12.4	11.9	11.5	12.0	
1972...	11.0	10.5	10.6	10.0	10.1	9.6	9.6	9.4	9.4	10.2	9.9	9.5	10.7	9.9	9.6	9.9	10.0	
1973...	9.5	9.7	9.8	9.6	9.7	9.7	9.9	9.8	9.6	9.9	9.6	10.1	9.6	9.7	9.8	9.9	9.8	
1974...	10.7	11.7	11.8	12.9	13.4	15.3	15.0	15.6	15.6									

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
442. TOTAL CIVILIAN EMPLOYMENT, LABOR FORCE SURVEY (THOUSANDS)																	
1948...	58,061	58,196	57,671	58,291	57,854	58,743	58,968	58,456	58,513	58,387	58,417	58,740	57,976	58,296	58,646	58,515	58,343
1949...	58,175	58,208	58,043	57,747	57,552	57,172	57,190	57,397	57,584	57,269	58,009	57,845	58,142	57,490	57,180	57,708	57,651
1950...	57,635	57,751	57,728	58,583	58,649	59,052	59,001	58,797	59,575	59,803	59,697	59,429	57,705	58,761	59,458	59,643	58,918
1951...	59,636	59,661	60,401	59,889	60,188	59,620	60,156	59,994	59,713	60,010	59,826	60,497	59,899	59,954	60,114	59,961	
1952...	60,460	60,462	59,908	59,909	60,195	60,219	59,971	59,790	60,521	60,132	60,748	60,954	60,277	60,108	60,054	60,611	60,230
1953...	61,600	61,866	62,010	61,444	61,019	61,456	61,397	61,551	60,906	60,893	60,738	59,977	61,831	61,306	61,151	60,936	61,179
1954...	60,024	60,663	60,186	60,185	59,908	59,792	59,643	59,853	60,282	60,270	60,357	60,116	60,291	59,962	59,928	60,240	60,109
1955...	60,753	60,727	60,964	61,515	61,634	61,781	62,513	62,797	62,950	62,991	63,257	63,684	60,815	61,643	62,753	63,311	62,170
1956...	63,753	63,518	63,411	63,614	63,861	63,820	63,800	63,972	64,079	63,975	63,796	63,910	63,561	63,765	63,450	63,894	63,799
1957...	63,632	64,257	64,404	64,047	63,985	64,196	64,540	63,959	64,121	64,046	63,659	63,922	64,098	64,076	64,207	63,879	64,071
1958...	63,220	62,898	62,731	62,631	62,874	62,730	62,745	63,012	63,181	63,475	63,470	63,549	62,950	62,745	62,479	63,498	63,816
1959...	63,868	63,684	64,267	64,768	64,699	64,849	65,011	64,844	64,770	64,911	64,530	64,331	63,940	64,772	64,875	64,927	64,830
1960...	65,347	65,620	64,673	65,959	66,057	66,168	65,909	65,895	66,267	65,632	66,109	65,778	65,213	66,061	66,024	65,840	65,778
1961...	65,776	65,588	65,850	65,374	65,449	65,993	65,608	65,852	65,541	65,919	66,081	65,900	65,738	65,605	65,667	65,967	65,746
1962...	66,108	66,538	66,493	66,372	66,688	66,670	66,483	66,968	67,192	67,114	66,847	66,847	66,577	66,881	66,969	66,702	
1963...	67,072	67,024	67,351	67,642	67,615	67,649	67,905	67,908	68,174	68,294	68,267	68,213	67,149	67,635	67,916	68,258	67,762
1964...	68,327	68,751	68,763	69,356	69,631	69,218	69,399	69,463	69,578	69,582	69,735	69,814	68,614	69,102	69,480	69,710	69,305
1965...	69,987	70,127	70,439	70,633	71,034	71,025	71,460	71,362	71,286	71,695	71,724	72,062	70,188	70,897	71,369	71,827	71,088
1966...	72,198	72,134	72,188	72,510	72,497	72,775	72,860	73,146	73,258	73,401	73,840	73,729	72,173	72,594	73,008	73,657	72,895
1967...	73,671	73,606	73,439	73,882	73,844	74,278	74,520	74,767	74,854	75,051	75,125	75,473	73,572	74,001	74,724	75,216	74,372
1968...	74,700	75,229	75,379	75,561	76,107	76,182	76,087	76,043	76,172	76,224	76,494	76,770	75,103	75,950	76,101	76,499	75,920
1969...	76,805	77,327	77,523	77,412	77,880	77,959	78,250	78,258	78,445	78,541	78,776	77,166	77,055	78,153	78,975	77,902	
1970...	78,780	78,693	78,863	78,930	78,564	78,413	78,726	78,628	78,498	78,685	78,650	78,594	78,780	78,636	78,616	78,643	78,678
1971...	78,864	78,700	78,588	78,987	79,139	78,757	79,305	79,539	79,689	79,918	80,297	80,471	78,717	78,961	79,511	80,229	79,167
1972...	80,959	81,108	81,573	81,655	81,887	82,083	82,230	82,578	82,543	82,616	82,990	83,400	81,213	81,875	82,450	83,002	82,153
1973...	83,161	83,912	84,452	84,558	84,648	85,185	85,299	85,204	85,488	86,320	86,401	86,842	84,797	85,310	86,236	85,064	
1974...	86,555	86,754	86,819	86,659	86,891	86,941	87,149	87,037	87,051	86,995	86,626	86,144	86,709	86,834	87,079	86,588	86,794
1975...	85,627	85,256	85,187	85,189	85,451	85,355	85,894	86,234	86,279	86,370	86,456	86,655	85,357	85,332	86,136	86,497	85,846
1976...	87,400	87,672	87,985	88,416	88,794	88,563	89,093	89,223	89,173	89,274	89,634	89,093	88,768	89,591	89,162	89,570	89,752
1977...	89,928	90,342	90,808	91,271	91,754	91,959	92,084	92,441	92,702	93,052	93,761	94,105	90,359	91,661	92,408	93,639	92,017
1978...	94,384	94,519	94,755	95,394	95,769	96,343	96,090	96,431	96,670	97,133	97,485	97,581	94,553	93,875	96,397	97,400	96,043
1979...	97,944	98,299	98,453	98,094	98,313	98,685	99,013	98,797	99,366	99,420	99,590	99,952	98,232	93,364	99,059	99,654	98,824
1980...	99,872	99,963	99,677	99,204	98,922	98,769	98,816	98,829	99,104	99,327	99,567	99,650	99,837	98,965	98,916	99,515	99,303
1981...	99,964	100,143	100,504	101,006	100,968	100,393	100,748	100,709	100,104	100,355	100,229	99,577	100,204	100,739	100,923	100,047	100,597
1982...	99,688	99,695	99,597	99,484	99,994	99,681	99,588	99,683	99,543	99,176	99,136	99,093	99,600	99,720	99,605	99,135	99,526
444. NUMBER UNEMPLOYED, MALES 20 YEARS AND OVER, LABOR FORCE SURVEY (THOUSANDS)																	
AVERAGE FOR PERIOD																	
1948...	1,233	1,281	1,334	1,367	1,296	1,199	1,191	1,309	1,340	1,335	1,357	1,450	1,285	1,287	1,280	1,381	1,305
1949...	1,570	1,734	1,874	1,936	2,265	2,333	2,522	2,553	2,456	3,273	2,468	2,446	1,726	2,198	2,510	2,729	2,216
1950...	2,349	2,295	2,327	2,235	2,019	1,917	1,817	1,632	1,557	1,459	1,387	1,427	2,324	2,057	1,669	1,424	1,922
1951...	1,236	1,016	1,007	910	898	994	961	1,002	1,013	1,147	1,087	968	1,113	934	992	1,067	1,029
1952...	998	994	947	938	904	1,001	1,078	1,168	1,064	930	876	872	980	948	1,103	893	930
1953...	1,078	901	842	975	933	884	917	905	981	1,044	1,278	1,575	940	951	934	1,299	1,019
1954...	1,662	1,816	1,989	2,133	2,175	2,113	2,121	2,280	2,293	2,254	2,008	2,008	1,872	2,140	2,231	2,046	2,035
1955...	1,812	1,719	1,712	1,833	1,529	1,482	1,420	1,664	1,354	1,465	1,455	1,439	1,748	1,615	1,413	1,453	1,580
1956...	1,442	1,425	1,459	1,376	1,477	1,491	1,455	1,412	1,404	1,330	1,481	1,532	1,442	1,448	1,424	1,442	
1957...	1,457	1,391	1,280	1,415	1,420	1,512	1,447	1,463	1,644	1,710	1,947	1,930	1,376	1,449	1,518	1,896	1,941
1958...	2,216	2,460	2,635	2,899	2,964	2,985	3,027	2,997	2,772	2,646	2,439	2,413	2,437	2,949	2,932	2,499	2,681
1959...	2,284	2,258	2,062	2,781	2,787	2,784	2,775	2,772	2,774	2,775	2,777	2,777	2,777	2,777	2,777	2,777	
1960...	1,926	2,042	1,948	2,008	2,021	2,031	1,994	2,082	2,009	1,932	2,043	2,035	1,999	2,034	2,020	2,003	2,016
1961...	2,087	2,137	2,053	2,006	2,000	1,913	1,900	1,839	1,804	1,851	1,970	1,908	2,092	1,973	1,848	1,910	1,971
1964...	1,887	1,805	1,780	1,748	1,667	1,743	1,663	1,633	1,703	1,740	1,543	1,543	1,824	1,719	1,666	1,626	1,718
1965...	1,600	1,618	1,525	1,570	1,517	1,404	1,394	1,386	1,344	1,260	1,224	1,204	1,560	1,497	1,375	1,229	1,435
1966...	1,203	1,203	1,161	1,255	1,735	1,796	1,671	1,628	1,566	1,575	1,467	1,467	1,628	1,566	1,552	1,624	1,559
1967...	1,057	1,040	1,078	1,079	1,077	1,077	1,078	1,077	1,077	1,078	1,078	1,078	1,078	1,078	1,078	1,078	
1968...	1,046	1,037	1,003	996	992	989	967	928	954	976	955	955	1,040	974	951	962	985
1969...	993	992	981	1,029	979	1,038	979	1,0									

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
446. NUMBER UNEMPLOYED, BOTH SEXES 16-19 YEARS OF AGE, LABOR FORCE SURVEY (THOUSANDS)																	
1948...	383	454	481	435	302	425	432	421	384	364	391	379	439	387	412	378	409
1949...	437	469	535	573	585	566	593	638	636	678	606	662	480	575	622	649	576
1950...	647	642	587	498	554	505	464	453	466	448	403	469	625	519	461	440	513
1951...	348	329	349	316	275	338	358	342	343	314	385	318	342	310	348	339	336
1952...	382	340	329	306	367	349	355	337	357	333	336	310	350	341	350	326	345
1953...	286	290	285	293	252	283	290	294	289	377	339	468	287	276	291	395	307
1954...	497	560	547	558	538	400	503	556	563	478	437	468	535	499	541	461	501
1955...	454	428	424	424	435	423	423	477	476	472	518	492	435	427	459	494	450
1956...	459	484	481	451	521	540	488	432	419	425	538	414	475	504	446	459	478
1957...	488	448	484	472	484	506	511	480	471	466	580	564	473	487	537	497	497
1958...	601	618	618	732	708	638	748	677	780	703	684	651	612	693	735	679	678
1959...	621	567	602	680	629	614	649	726	680	721	689	720	597	641	685	710	654
1960...	686	620	732	694	680	738	671	738	706	785	723	791	679	704	705	766	712
1961...	844	851	790	760	834	858	866	883	831	802	737	847	795	869	790	828	828
1962...	782	779	752	737	709	686	681	696	709	697	791	704	771	711	695	731	721
1963...	786	885	852	853	975	871	931	829	915	905	924	841	841	900	892	890	884
1964...	870	846	875	896	885	900	784	899	874	856	851	943	864	894	852	883	872
1965...	903	919	878	932	860	864	869	828	902	916	816	857	900	885	866	863	874
1966...	840	780	829	836	864	862	865	837	831	827	792	813	816	854	844	811	837
1967...	780	846	746	776	817	848	859	893	833	898	893	841	791	814	862	877	839
1968...	752	844	828	770	825	933	932	814	796	785	806	843	808	843	847	811	838
1969...	798	797	931	825	830	855	904	856	900	911	840	845	809	837	887	865	853
1970...	967	959	969	1,060	1,022	1,157	1,060	1,137	1,191	1,228	1,279	1,259	965	1,080	1,129	1,255	1,106
1971...	1,249	1,205	1,245	1,210	1,241	1,265	1,280	1,243	1,275	1,294	1,302	1,233	1,239	1,290	1,290	1,262	1,262
1972...	1,324	1,429	1,379	1,321	1,218	1,276	1,251	1,357	1,314	1,276	1,288	1,289	1,377	1,272	1,307	1,284	1,308
1973...	1,086	1,267	1,201	1,309	1,255	1,194	1,207	1,184	1,268	1,261	1,318	1,288	1,185	1,253	1,220	1,299	1,235
1974...	1,291	1,322	1,318	1,243	1,351	1,457	1,497	1,301	1,541	1,548	1,594	1,614	1,310	1,350	1,446	1,565	1,422
1975...	1,745	1,711	1,760	1,747	1,823	1,840	1,837	1,832	1,784	1,751	1,673	1,760	1,739	1,803	1,802	1,728	1,767
1976...	1,754	1,710	1,700	1,783	1,701	1,657	1,681	1,799	1,670	1,716	1,735	1,721	1,714	1,717	1,724	1,719	1,719
1977...	1,707	1,691	1,726	1,673	1,656	1,788	1,639	1,663	1,681	1,622	1,642	1,461	1,708	1,706	1,651	1,575	1,663
1978...	1,579	1,625	1,631	1,582	1,546	1,506	1,613	1,556	1,588	1,587	1,580	1,620	1,560	1,542	1,553	1,566	1,583
1979...	1,570	1,567	1,543	1,575	1,535	1,517	1,495	1,565	1,598	1,584	1,530	1,584	1,560	1,676	1,749	1,692	1,669
1980...	1,572	1,571	1,537	1,500	1,761	1,768	1,809	1,753	1,685	1,727	1,712	1,636	1,763	1,740	1,698	1,852	1,763
1981...	1,760	1,766	1,763	1,747	1,747	1,725	1,644	1,691	1,759	1,815	1,894	1,848	1,763	1,740	1,698	1,852	1,763
1982...	1,875	1,932	1,872	1,958	1,998	1,885	2,006	2,028	2,027	2,038	2,052	2,056	1,893	1,947	2,020	2,049	1,977
447. NUMBER UNEMPLOYED, FULL-TIME WORKERS, LABOR FORCE SURVEY (THOUSANDS)																	
1948...																	
1949...																	
1950...																	
1951...																	
1952...																	
1953...																	
1954...																	
1955...																	
1956...																	
1957...																	
1958...																	
1959...																	
1960...																	
1961...																	
1962...																	
1963...	3,719	3,722	3,624	3,539	3,613	3,365	3,422	3,317	3,283	3,410	3,520	3,451	3,688	3,506	3,341	3,460	3,505
1964...	3,466	3,377	3,391	3,339	3,196	3,146	2,985	3,053	3,105	3,081	2,925	3,029	3,411	3,227	3,048	3,012	3,178
1965...	3,041	3,163	2,980	3,029	2,875	2,794	2,592	2,453	2,610	2,470	2,493	2,459	3,061	2,899	2,666	2,474	2,791
1966...	2,391	2,301	2,349	2,365	2,423	2,285	2,277	2,235	2,225	2,218	2,279	2,286	2,347	2,361	2,246	2,261	2,315
1967...	2,285	2,193	2,250	2,247	2,277	2,296	2,236	2,267	2,295	2,417	2,388	2,347	2,243	2,266	2,273	2,266	2,293
1968...	2,257	2,333	2,201	2,009	2,049	2,171	2,179	2,115	2,042	2,046	2,042	1,934	2,264	2,076	2,112	2,007	2,138
1969...	2,088	2,071	2,026	2,107	2,246	2,162	2,171	2,137	2,286	2,240	2,169	2,062	2,098	2,198	2,200	2,142	2,142
1970...	2,427	2,663	2,787	2,938	3,158	3,193	3,304	3,356	3,487	3,656	3,911	4,032	3,626	3,096	3,382	3,866	3,206
1971...	3,902	3,884	3,857	3,981	3,928	4,007	4,060	3,971	4,068	3,971	4,102	4,091	3,885	3,922	3,846	3,575	3,806
1972...	3,933	3,843	3,894	3,858	3,954	3,837	3,910	3,871	3,756	3,832	3,474	3,420	3,890	3,883	3,846	3,575	3,806
1973...	3,402	3,441	3,393	3,385	3,324	3,253	3,253	3,280	3,303	3,175	3,391	3,422	3,412	3,321	3,279	3,329	3,344
1974...	3,567	3,607	3,563	3,628	3,653	3,750	3,928	3,889	4,248	4,430	4,851	5,272	3,579	3,677	4,022	4,851	4,010
1975...	6,059	6,124	6,493	6,798	7,078	6,772	6,721	6,420	6,666	6,605	6,426	6,276	6,225	6,883	6,602	6,436	6,523
1976...	6,045	5,854	5,849	5,864	5,724	5,995	5,945	5,998	6,056	6,060	6,107	6,146	5,916	5,861	6,000	6,104	5,974
1977...	5,792	5,867	5,742	5,626	5,539	5,585	5,458	5,534	5,362	5,398	5,331	5,052	5,800	5,583	5,451	5,260	5,548
1978...	5,115	5,009	4,952	4,769	4,821	4,670	4,968	4,738	4,765	4,600	4,642	4,798	5,025	4,753	4,825	4,688	4,838
1979...	4,701	4,817	4,720	4,765	4,507	4,614	4,707	4,893	4,857	4,925	4,930	4,995	4,746	4,629	4,819	4,950	4,787
1980...	5,278	5,270	5,389	5,983	6,568	6,667	6,720	6,880	6,731	6,663	6,685	6,545	5,312	6,406	6,854	6,631	6,269
1981...	6,620	6,602	6,541	6,429	6,617	6,581	6,428	6,473	6,762	7,137	7,442	7,990	6,588	6,542	6,554	7,523	6,795
1982...	7,822	8,000	8,346	8,575	8,689	8,878	9,036	9,209	9,622	9,942	10,127	10,285	8,056	8,714	9,289	10,118	9,006
448. NUMBER EMPLOYED, PART-TIME WORKERS FOR ECONOMIC REASONS, LABOR FORCE SURVEY (THOUSANDS)																	
1948...																	
1949...																	
1950...																	
1951...																	
1952...																	
1953...																	
1954...																	
1955...																	
1956...	1,847	1,874	1,678	1,846	1,992	2,088	2,026	2,107	2,138	2,036	2,018	1,809	1,975	1,886	1,864	1,839	
1957...	1,923	2,086	2,091	2,034	2,127	2,187	2,207	2,133	2,158								

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
451. CIVILIAN LABOR FORCE PARTICIPATION RATE, MALES 20 YEARS AND OVER (PERCENT)																	
1946...	88.7	89.0	88.2	88.3	88.1	88.5	88.7	88.8	88.5	88.8	88.7	89.0	88.6	88.3	88.7	88.8	88.6
1949...	88.5	88.5	88.5	88.4	88.4	88.4	88.2	88.7	88.6	89.5	88.7	88.7	88.5	88.4	88.5	88.6	88.6
1950...	88.1	88.0	88.0	88.2	88.4	88.3	88.1	88.5	88.4	88.2	88.2	88.2	88.0	88.3	88.3	88.2	88.2
1951...	88.0	88.4	88.8	88.3	88.4	88.4	88.2	88.5	88.2	88.6	88.4	88.7	88.4	88.4	87.6	88.6	88.2
1952...	88.8	89.0	88.6	88.5	88.4	88.4	88.3	88.0	88.0	87.6	87.6	88.5	88.8	88.4	88.1	87.9	88.3
1953...	88.3	88.6	88.7	88.2	88.0	88.0	88.1	87.9	87.6	87.6	87.6	88.0	88.5	88.1	87.4	87.8	88.1
1954...	87.8	88.1	87.7	88.2	87.9	87.8	87.7	88.2	88.4	88.0	87.6	87.3	87.9	88.0	88.1	87.6	87.9
1955...	87.4	87.2	87.4	87.5	87.4	87.2	87.6	87.5	87.6	87.6	87.7	87.8	87.3	87.4	87.4	87.7	87.5
1956...	88.1	87.9	87.9	87.8	87.6	87.6	87.5	87.3	87.3	87.2	87.3	87.3	88.0	87.7	87.4	87.3	87.6
1957...	87.0	87.2	87.2	87.1	87.0	87.3	87.1	86.7	86.9	86.5	86.6	87.1	87.1	86.9	86.6	86.9	86.9
1958...	86.4	86.2	86.2	86.6	86.9	86.8	87.0	87.1	87.1	87.0	86.5	86.3	86.8	87.1	86.6	86.7	86.7
1959...	86.2	86.0	86.3	86.4	86.2	86.1	86.6	86.3	86.5	86.4	86.6	86.5	86.2	86.5	86.4	86.3	86.3
1960...	86.2	86.0	85.6	86.1	86.0	85.9	85.9	86.0	86.2	86.1	86.3	86.3	85.9	86.0	86.2	86.0	86.0
1961...	86.1	85.8	85.9	85.8	85.9	85.6	85.6	85.5	85.5	85.3	85.9	85.8	85.6	85.4	85.4	85.7	85.7
1962...	85.1	85.3	85.3	84.7	85.0	84.8	84.4	84.9	84.8	84.6	84.6	84.4	84.8	84.7	84.5	84.8	84.8
1963...	84.3	84.3	84.4	84.4	84.3	84.3	84.5	84.3	84.4	84.2	84.3	84.3	84.4	84.2	84.2	84.3	84.3
1964...	84.2	84.1	84.0	84.5	84.5	84.0	84.3	84.1	84.2	84.2	84.0	83.9	84.1	84.3	84.2	84.2	84.2
1965...	84.1	84.1	84.1	84.3	83.8	83.9	83.8	83.6	83.6	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.9
1966...	83.6	83.5	83.6	83.7	83.6	83.6	83.4	83.5	83.5	83.4	83.4	83.3	83.4	83.5	83.5	83.5	83.5
1967...	83.7	83.5	83.3	83.5	83.4	83.5	83.5	83.2	83.4	83.4	83.3	83.1	83.2	83.2	83.0	83.1	83.1
1968...	83.1	83.0	83.0	83.1	83.2	83.4	83.3	83.2	83.0	82.9	82.9	83.1	83.1	83.1	83.2	83.0	83.1
1969...	82.9	83.1	83.0	82.8	82.7	82.7	82.7	82.9	82.8	82.5	82.6	83.0	82.7	82.6	82.6	82.6	82.8
1970...	82.8	82.8	82.9	83.0	82.9	82.6	82.6	82.5	82.5	82.4	82.5	82.5	82.8	82.5	82.5	82.6	82.6
1971...	82.3	82.0	81.9	82.2	82.3	82.0	82.1	82.0	81.7	81.9	81.9	82.1	82.2	82.1	81.8	82.1	82.1
1972...	81.6	81.5	81.8	81.7	81.6	81.7	81.7	81.6	81.6	81.4	81.5	81.6	81.7	81.6	81.5	81.5	81.5
1973...	81.2	81.4	81.4	81.2	81.2	81.3	81.1	81.0	81.1	81.3	81.4	81.4	81.4	81.3	81.3	81.3	81.3
1974...	81.8	81.7	81.3	81.0	80.9	80.7	80.9	80.8	80.8	80.8	80.9	80.7	80.5	80.5	80.3	80.3	80.3
1975...	80.6	80.4	80.5	80.7	80.2	80.4	80.4	80.2	80.4	80.0	79.9	79.6	80.5	79.9	79.9	80.3	80.3
1976...	79.7	79.6	79.6	79.8	79.8	79.7	79.9	79.9	79.9	79.8	79.8	79.8	79.8	79.9	79.9	79.8	79.8
1977...	79.6	79.8	79.7	79.6	79.6	79.8	79.6	79.7	79.4	79.8	79.9	80.0	79.7	79.7	79.6	79.7	79.7
1978...	79.9	79.8	79.7	79.8	79.8	79.8	79.7	79.6	79.5	79.6	80.0	80.0	79.8	79.8	79.8	79.8	79.8
1979...	80.1	80.3	79.9	79.8	79.6	79.7	79.8	79.7	79.8	79.7	79.5	79.5	80.1	79.7	79.8	79.8	79.8
1980...	79.7	79.8	79.4	79.5	79.6	79.3	79.4	79.4	79.3	79.2	79.3	79.1	79.6	79.5	79.4	79.3	79.4
1981...	79.1	79.1	79.2	79.3	79.4	78.9	78.9	78.7	78.7	78.7	78.8	79.1	79.2	78.8	78.7	79.0	79.0
1982...	78.6	78.7	78.6	78.7	78.7	78.9	78.8	78.8	78.7	79.0	78.9	78.7	78.6	78.8	78.8	78.7	78.7
452. CIVILIAN LABOR FORCE PARTICIPATION RATE, FEMALES 20 YEARS AND OVER (PERCENT)																	
1948...	31.0	31.4	31.1	32.1	31.3	32.5	32.7	32.0	32.3	31.7	31.8	32.1	31.2	32.0	32.3	31.9	31.8
1949...	31.7	32.1	31.9	31.9	32.3	32.2	32.9	32.7	32.5	32.7	32.9	32.7	31.9	32.1	32.7	32.8	32.4
1950...	32.7	32.8	32.7	33.4	33.0	33.8	33.2	33.6	33.1	33.6	33.3	33.3	32.7	33.4	33.3	33.2	33.2
1951...	33.7	33.6	34.3	33.8	34.1	33.6	34.5	33.9	33.8	34.2	34.1	34.5	33.9	33.3	34.1	34.0	34.0
1952...	34.4	34.3	33.5	33.6	34.0	33.8	33.7	33.9	34.0	34.2	34.8	34.2	34.1	33.8	34.2	34.1	34.1
1953...	34.6	34.2	34.5	34.0	34.4	34.1	34.1	33.7	33.7	34.0	33.6	33.6	34.4	33.8	34.6	33.9	33.9
1954...	33.4	34.5	34.5	34.4	34.3	34.1	33.8	33.9	34.5	34.4	34.0	34.1	34.1	34.3	34.2	34.2	34.2
1955...	34.5	34.4	34.3	34.3	35.1	34.7	35.0	35.5	36.0	35.9	36.0	36.4	34.4	34.9	35.8	35.3	35.3
1956...	36.3	36.0	36.0	36.2	36.7	36.4	36.6	36.6	36.8	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
1957...	36.2	36.7	36.5	36.2	36.3	36.4	36.9	36.4	36.5	36.6	36.9	36.5	36.5	36.7	36.7	36.5	36.5
1958...	36.7	36.8	36.8	37.1	37.0	37.0	37.2	36.8	36.8	36.6	36.7	36.8	37.0	37.0	36.7	36.9	36.9
1959...	37.0	36.7	37.0	37.1	37.1	37.2	37.1	36.9	37.3	37.0	37.2	36.9	37.3	37.4	37.4	37.0	37.0
1960...	36.9	36.9	36.3	37.6	37.7	37.9	37.9	37.9	38.1	37.6	37.6	37.6	37.6	37.7	37.6	37.6	37.6
1961...	38.1	38.4	38.5	37.9	38.1	38.4	38.0	37.7	37.5	37.9	37.6	37.5	38.3	38.1	37.2	38.0	38.0
1962...	37.9	38.0	37.7	37.6	37.6	37.5	37.6	38.1	38.2	37.9	37.8	37.8	37.6	37.6	37.8	37.8	37.8
1963...	38.0	38.2	38.2	38.4	38.4	38.2	38.3	38.1	38.4	38.6	38.7	38.5	38.1	38.3	38.6	38.3	38.3
1964...	38.5	38.8	38.8	39.5	39.3	39.0	39.7	38.9	38.6	38.8	38.8	38.7	39.3	38.7	38.9	38.9	38.9
1965...	39.0	39.2	39.2	39.2	39.2	39.7	39.7	39.6	39.3	39.4	39.5	39.6	39.1	39.4	39.5	39.4	39.4
1966...	39.6	39.6	39.6	40.0	39.8	39.9	40.0	40.3	40.6	40.6	40.9	40.9	40.8	40.9	40.8	40.2	40.2
1967...	40.7	40.5	40.8	40.8	40.8	40.9	40.9	41.1	41.1	41.4	41.4	41.1	41.2	41.2	41.1	41.1	41.1
1968...	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
1969...	41.4	41.4	41.4	42.0	42.0	42.7	42.7	42.8	42.8	42.9	42.9	42.3	42.6	42.8	42.9	42.7	42.7
1970...	41.1	43.1	43.4	43.5	43.0	43.2	43.5	43.0	43.0	43.4	43.4	43.2	43.2	43.3	43.4	43.3	43.3
1971...	43.6	43.3	43.2	43.2	43.2	43.0	43.0	43.2	43.4	43.5	43.5	43.8	43.1	43.2	43.3	43.3	43.3
1972...	43.6	43.4	43.7	43.6	43.6	43.8	43.7	43.8	43.7	43.7	43.6	43.7	43.7	43.7	43.7	43.7	43.7
1973...	43.5	44.0	44.1	44.3	44.3	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.4	44.5	44.5	44.4	44.4
1974...	44.7	46.7	46.7	47.7	46.2	46.0	46.3	46.6	46.9	46.6	47.4	47.4	47.1	47.6	47.8	47.3	47.5
1975...	47.2	47.4	46.7	48.5	47.8	47.8	47.1	48.0	46.4	46.4	47.4	47.2	47.1	47.4	47.2	47.1	47.5
1976...	47.4	46.7	46.7	46.0													

C. Historical Data for Selected Series—Continued

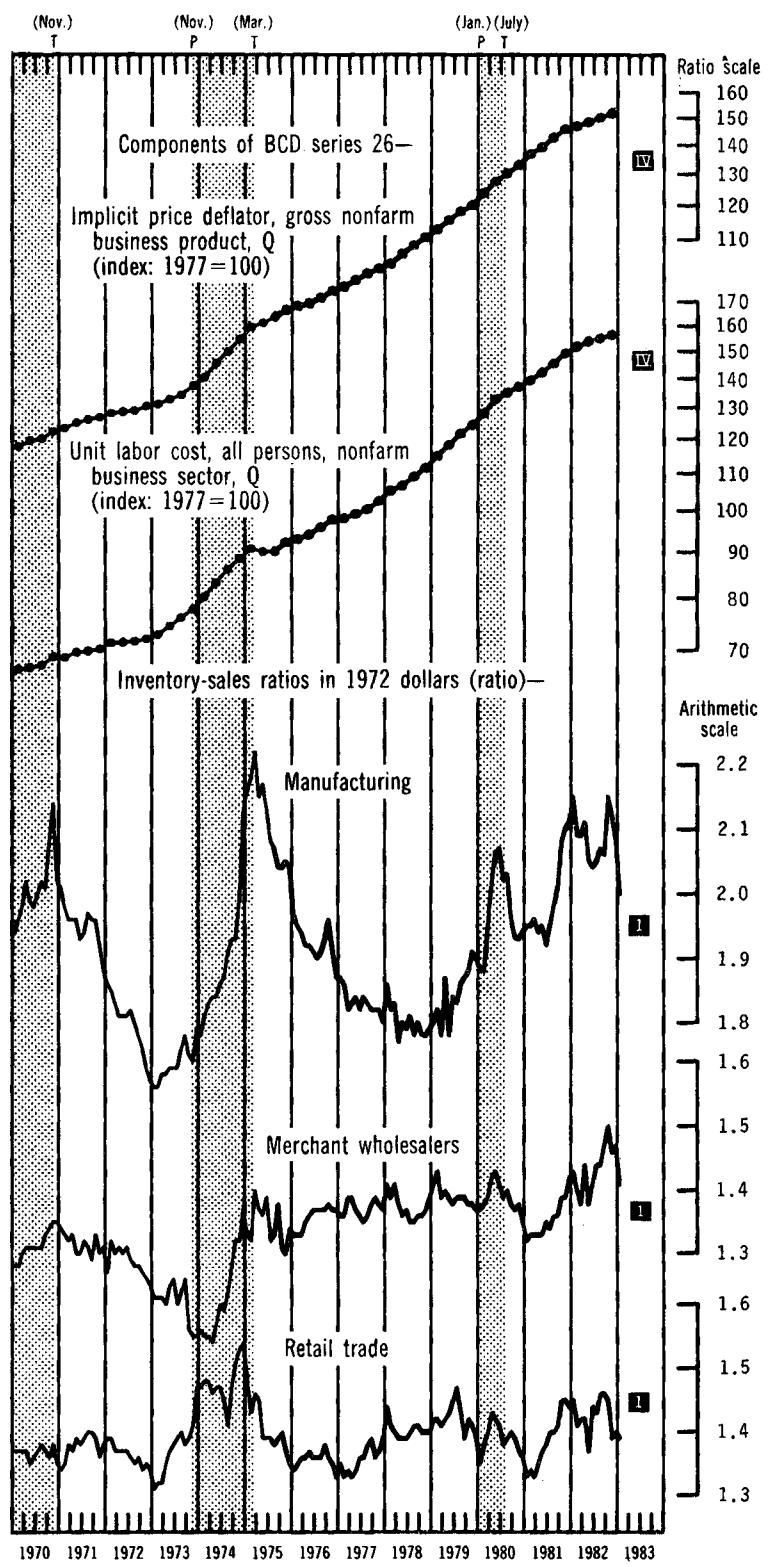
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
320. INDEX OF CONSUMER PRICES, ALL ITEMS ¹ (1967=100)																	
1948...	71.0	70.4	70.2	71.2	71.7	72.2	73.1	73.4	73.4	73.1	72.6	72.1	70.5	71.5	73.3	72.6	72.1
1949...	72.0	71.2	71.4	71.5	71.4	71.5	71.0	71.2	71.5	71.1	71.2	70.8	71.5	71.5	71.2	71.0	71.4
1950...	70.5	70.3	70.6	70.7	71.0	71.4	72.1	72.7	73.2	73.6	73.9	74.9	70.5	71.0	72.7	74.1	72.1
1951...	76.1	77.0	77.3	77.4	77.7	77.6	77.7	77.7	78.2	78.6	79.0	79.3	76.8	77.6	77.9	79.0	77.8
1952...	79.3	78.8	78.8	79.1	79.2	79.4	80.0	80.1	80.0	80.1	80.1	80.0	79.0	79.2	80.0	80.1	79.5
1953...	79.8	79.4	79.6	79.7	79.9	80.2	80.4	80.6	80.7	80.9	80.6	80.5	79.6	79.9	80.6	80.7	80.1
1954...	80.7	80.6	80.5	80.3	80.6	80.7	80.7	80.6	80.4	80.2	80.3	80.1	80.6	80.5	80.6	80.2	80.5
1955...	80.1	80.1	80.1	80.1	80.1	80.1	80.4	80.2	80.5	80.5	80.6	80.4	80.1	80.1	80.4	80.5	80.2
1956...	80.3	80.3	80.4	80.5	80.9	81.4	82.0	81.9	82.0	82.5	82.5	82.7	80.3	80.9	82.0	82.6	81.4
1957...	82.8	83.1	83.3	83.6	83.8	84.3	84.7	84.8	84.9	84.9	85.2	85.2	83.1	83.9	84.8	85.1	84.3
1958...	85.7	85.8	86.4	86.6	86.6	86.7	86.8	86.7	86.7	86.7	86.8	86.7	86.0	86.6	86.7	86.7	86.6
1959...	86.8	86.7	86.7	86.8	86.9	87.3	87.5	87.4	87.7	88.0	88.0	88.0	86.7	87.0	87.5	88.0	87.3
1960...	87.9	88.0	88.0	88.5	88.5	88.7	88.7	88.7	88.8	89.2	89.3	89.3	88.0	88.6	88.7	89.3	88.7
1961...	89.3	89.3	89.3	89.3	89.4	89.4	89.8	89.7	89.9	89.9	89.9	89.9	89.3	89.3	89.8	89.9	89.6
1962...	89.9	90.1	90.3	90.5	90.5	90.5	90.7	90.7	91.2	91.1	91.1	91.0	90.5	90.9	91.1	90.6	90.6
1963...	91.1	91.2	91.3	91.3	91.3	91.7	92.1	92.1	92.1	92.2	92.3	92.5	91.2	91.4	92.1	92.3	91.7
1964...	92.6	92.5	92.6	92.7	92.7	92.9	93.1	93.0	93.2	93.3	93.5	93.6	92.6	92.8	93.1	93.5	92.9
1965...	93.6	93.6	93.7	94.0	94.2	94.7	94.8	94.6	94.8	94.9	95.1	95.4	93.6	94.3	94.7	95.1	94.5
1966...	95.4	96.0	96.3	96.7	96.8	97.1	97.4	97.9	98.1	98.5	98.6	98.6	95.9	96.9	97.8	98.5	97.2
1967...	98.6	98.7	98.9	99.4	99.4	99.7	100.2	100.5	100.1	101.0	101.3	101.6	98.7	99.4	100.5	101.3	100.0
1968...	102.0	102.3	102.8	103.1	103.4	104.0	104.5	104.8	105.1	105.7	106.1	106.4	102.4	103.5	104.8	106.1	104.2
1969...	106.7	107.1	108.0	108.7	109.0	109.7	110.2	110.7	111.2	111.6	112.2	112.9	107.3	109.1	110.7	112.2	109.8
1970...	113.3	113.9	114.5	115.2	115.7	116.3	116.7	116.6	117.5	118.1	118.6	119.1	113.9	115.7	117.0	118.6	116.3
1971...	119.2	119.4	119.8	120.2	120.8	121.5	121.8	122.1	122.2	122.4	122.6	123.1	119.5	120.8	122.0	122.7	121.3
1972...	123.2	123.8	124.0	124.3	124.7	125.0	125.5	125.7	126.2	126.6	126.9	127.3	123.7	124.7	125.8	126.9	125.3
1973...	127.7	128.6	129.8	130.7	131.5	132.4	132.7	135.1	135.5	136.3	137.6	138.5	128.7	131.5	134.4	137.6	133.1
1974...	139.7	141.5	143.1	143.9	145.5	146.9	148.0	149.9	151.7	153.0	154.3	155.4	141.4	145.4	149.9	154.2	147.7
1975...	156.1	157.2	157.8	158.6	159.3	160.6	162.3	162.8	163.6	164.6	165.6	166.3	157.0	159.5	162.9	165.5	161.2
1976...	166.7	167.1	167.5	168.2	169.2	170.1	171.1	171.9	172.6	173.3	173.8	174.3	167.1	169.2	171.9	173.8	170.5
1977...	175.3	177.1	178.2	179.6	180.6	181.8	182.6	183.4	184.0	184.5	185.4	186.1	176.9	180.7	183.3	185.3	181.5
1978...	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.9	202.0	202.9	188.5	193.4	197.9	201.9	195.4
1979...	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	207.0	214.1	221.1	227.6	217.4
1980...	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	236.5	245.0	249.6	256.2	246.8
1981...	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	262.9	269.0	276.7	280.7	272.4
1982...	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	283.0	287.3	292.8	293.4	289.1
320C. CHANGE IN INDEX OF CONSUMER PRICES, ALL ITEMS, OVER 1-MONTH SPANS ² (MONTHLY RATE, PERCENT)																	
1948...	1.2	-0.1	-0.7	1.4	0.8	0.6	1.0	0.1	-0.3	-0.2	-0.6	-0.5	0.1	0.9	0.3	-0.4	0.2
1949...	-0.1	-0.4	-0.1	0.1	-0.1	0.1	-0.9	0.0	0.2	-0.4	-0.2	-0.4	-0.2	-0.2	-0.2	-0.2	-0.1
1950...	-0.4	0.4	0.1	0.1	0.5	0.5	0.7	0.6	0.6	0.6	0.5	1.5	0.0	0.4	0.6	0.9	0.5
1951...	1.6	1.8	0.2	0.1	0.3	-0.2	-0.1	-0.2	0.6	0.6	0.5	0.6	1.2	0.1	0.1	0.6	0.5
1952...	-0.1	-0.1	-0.2	0.2	0.3	0.0	0.2	0.6	0.0	0.2	0.0	0.1	-0.1	0.2	0.1	0.1	0.1
1953...	-0.3	-0.1	0.1	0.1	0.1	0.3	0.0	0.2	0.2	0.2	0.2	0.3	0.0	-0.1	0.1	0.0	0.0
1954...	0.2	0.2	-0.2	-0.2	0.3	0.0	-0.3	0.0	-0.2	-0.3	0.1	0.0	0.1	0.0	-0.2	-0.1	0.0
1955...	0.0	0.2	0.0	0.0	-0.1	-0.2	0.1	-0.1	0.4	0.0	0.1	0.0	0.1	-0.1	0.1	0.0	0.0
1956...	-0.1	0.1	0.1	0.1	0.4	0.4	0.5	0.1	0.1	0.6	0.1	0.4	0.0	0.3	0.2	0.4	0.2
1957...	0.1	0.4	0.2	0.3	0.2	0.4	0.3	0.3	0.1	0.0	0.4	0.2	0.2	0.3	0.2	0.2	0.2
1958...	0.6	0.2	0.7	0.0	0.0	-0.1	-0.1	0.1	0.0	0.0	0.1	0.1	0.5	0.0	0.1	0.2	0.2
1959...	0.2	-0.1	0.0	0.0	0.2	0.3	0.1	0.1	0.3	0.3	0.0	0.1	0.0	0.2	0.2	0.1	0.1
1960...	-0.1	0.1	0.0	0.5	0.1	0.1	-0.1	0.1	0.0	0.5	0.1	0.1	0.0	0.0	0.2	0.0	0.1
1961...	0.0	0.1	0.0	-0.1	0.1	0.0	0.3	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
1962...	0.1	0.3	0.2	0.1	0.1	-0.2	0.1	0.2	0.5	0.1	-0.1	0.1	0.2	0.0	0.3	0.0	0.1
1963...	0.2	0.1	0.1	-0.1	0.1	0.3	0.3	0.1	-0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.2	0.1
1964...	0.2	-0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
1965...	0.1	0.0	0.1	0.3	0.3	0.4	0.0	-0.1	0.2	0.1	0.3	0.4	0.1	0.3	0.0	0.3	0.2
1966...	0.1	0.6	0.2	0.4	0.2	0.1	0.2	0.6	0.2	0.4	0.4	0.1	0.3	0.2	0.3	0.2	0.3
1967...	0.1	0.2	0.0	0.2	0.2	0.4	0.3	0.4	0.4	0.2	0.4	0.3	0.1	0.3	0.4	0.3	0.3
1968...	0.4	0.4	0.3	0.3	0.3	0.5	0.5	0.4	0.4	0.5	0.6	0.5	0.4	0.4	0.4	0.4	0.4
1969...	0.3	0.5	0.7	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5
1970...	0.5	0.5	0.4	0.5	0.4	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
1971...	0.3	0.2	0.2	0.3	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.3	0.3
1972...	0.2	0.4	0.1	0.2	0.2	0.2	0.3	0.2	0.4	0.3	0.4	0.3	0.2	0.2	0.3	0.3	0.3
1973...	0.5	0.6	0.9	0.7	0.6	0.5	0.2	1.8	0.3	0.9	0.8	0.7	0.7	0.6	0.8	0.8	0.7
1974...	1.1	1.2	1.0	1.0	1.1	1.0	1.1	1.1	1.0	1.1	1.2	1.1	1.1	1.0	1.1	1.1	1.0
1975...	0.7	0.5	0.5	0.7	0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1976...	1.0	0.9	0.7	1.0	1.1	1.0	1.0	1.0	1.2	1.4	1.3	1.0	1.0	1.1	1.1	1.1	1.0
1977...	1.4	1.2	1.5	1.7	1.4	1.7	1.9	1.8	1.6	1.6	1.5	1.4	1.4	1.3	1.4	1.5	1.5
1978...	1.2	1.1	1.0	1.0</td													

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
322. INDEX OF CONSUMER PRICES, FOOD ¹ (1967=100)																	
1948...	76.5	76.0	74.3	76.2	77.2	77.7	78.2	77.9	77.3	76.7	75.3	74.8	75.6	77.0	77.8	75.6	76.6
1949...	74.6	74.2	74.2	74.3	74.0	74.2	72.8	72.9	73.5	72.8	72.9	72.0	74.3	74.2	73.1	72.6	73.5
1950...	71.4	72.4	72.3	72.3	72.9	73.7	75.1	75.6	75.7	76.4	76.6	79.0	72.0	73.0	75.5	77.3	74.5
1951...	80.9	83.7	83.2	82.8	83.0	82.3	82.0	81.7	82.0	83.3	84.0	84.9	82.6	82.7	81.9	84.1	82.8
1952...	84.8	84.0	83.7	84.3	84.2	84.0	84.7	84.9	84.3	84.4	84.4	84.0	84.2	84.2	84.6	84.3	84.3
1953...	83.4	83.0	83.0	82.5	82.6	83.3	82.7	83.1	83.3	83.4	82.4	82.9	83.1	82.8	83.0	83.0	83.0
1954...	83.5	83.6	83.3	83.2	83.3	83.2	83.3	83.1	82.3	82.0	81.9	81.7	83.5	83.2	82.9	81.9	82.8
1955...	81.6	82.2	82.3	82.3	81.8	81.3	81.4	81.1	81.7	81.4	81.0	81.0	82.0	81.8	81.4	81.1	81.6
1956...	80.7	80.6	80.8	81.1	81.7	82.5	82.4	82.6	82.8	83.1	83.4	83.5	80.7	81.8	82.9	83.3	82.2
1957...	83.4	84.2	83.9	84.0	84.2	84.8	85.4	86.3	85.3	85.6	85.6	85.7	83.8	84.3	85.8	85.6	84.9
1958...	87.4	87.8	89.5	89.8	89.4	88.9	88.5	88.4	88.1	87.9	88.1	87.7	88.2	89.4	88.1	87.9	88.5
1959...	87.9	87.4	87.0	86.7	86.5	86.9	86.9	86.8	87.0	87.1	87.0	86.9	87.4	86.7	86.9	87.0	87.1
1960...	86.8	86.7	86.9	88.1	88.1	87.8	88.1	88.2	89.0	89.4	89.6	86.8	88.1	88.0	89.3	88.0	88.0
1961...	89.4	89.5	89.4	89.2	89.0	88.7	89.0	88.8	88.5	89.0	88.8	88.8	89.4	89.0	88.9	89.1	89.1
1962...	89.2	89.6	89.9	90.0	89.9	89.6	89.3	89.7	90.7	90.5	90.7	90.1	89.6	89.8	89.9	90.4	89.9
1963...	91.1	91.2	91.0	90.6	90.8	91.1	91.5	91.5	91.2	91.1	91.5	91.8	91.1	90.8	91.4	91.5	91.2
1964...	92.0	92.0	92.0	92.0	92.0	92.2	92.3	92.2	92.8	92.8	93.1	93.1	92.0	92.1	92.4	93.0	92.4
1965...	92.7	92.5	92.9	93.3	94.1	95.6	95.5	95.0	94.9	95.3	95.6	96.2	92.7	94.3	95.1	95.7	94.4
1966...	96.8	98.3	99.1	99.2	98.9	98.8	98.4	99.8	100.1	100.4	100.2	99.9	98.1	99.0	99.4	100.2	99.1
1967...	99.5	99.3	99.2	98.8	98.9	99.7	100.1	100.6	100.6	100.8	101.1	101.4	99.3	99.1	100.4	101.1	100.0
1968...	101.6	102.0	102.4	102.7	103.1	103.2	103.6	103.9	104.5	105.4	105.4	105.7	102.0	103.0	104.0	105.5	103.6
1969...	105.9	106.3	106.9	107.5	107.7	109.3	109.9	110.7	110.9	112.0	113.3	106.0	107.7	110.0	112.1	108.9	
1970...	113.6	114.2	114.5	115.0	115.0	115.0	115.1	115.1	115.7	116.0	115.8	116.0	114.0	114.8	115.3	115.9	114.9
1971...	115.7	116.0	116.9	117.7	118.2	118.9	119.1	119.2	119.1	119.5	119.9	121.1	116.2	118.3	119.1	120.2	118.4
1972...	120.7	122.3	122.2	122.5	122.8	123.5	123.7	124.8	125.5	126.2	126.9	121.7	122.5	124.0	126.2	123.5	
1973...	129.0	131.0	134.3	136.4	138.3	139.7	140.0	148.3	148.0	149.8	150.8	152.2	131.4	138.1	145.4	150.6	141.4
1974...	154.1	157.4	159.0	158.7	160.0	159.9	159.4	161.6	164.9	166.7	168.8	170.7	156.8	159.5	162.0	168.7	161.7
1975...	171.5	171.7	171.5	171.8	171.8	173.6	176.9	176.9	178.2	180.1	182.1	171.6	172.2	177.3	181.0	175.4	
1976...	181.5	179.8	178.7	178.7	179.4	179.8	180.6	181.3	182.8	183.0	183.3	180.0	179.3	181.4	183.1	180.8	
1977...	183.9	187.5	188.5	190.8	191.6	192.9	193.4	194.2	194.8	195.3	197.0	197.7	186.6	191.8	194.1	196.7	192.2
1978...	199.2	201.4	203.9	207.1	210.2	213.3	214.3	215.0	216.0	217.7	219.2	220.5	201.5	210.2	215.1	219.1	211.4
1979...	224.1	227.7	230.0	231.9	234.2	234.8	236.1	235.1	237.4	239.2	240.7	243.0	227.3	233.6	236.4	241.0	234.5
1980...	244.1	244.3	247.0	248.6	250.2	251.4	254.0	258.2	261.2	263.4	266.2	267.9	245.1	250.1	257.8	265.8	254.6
1981...	268.9	270.3	272.0	272.3	272.4	272.9	275.3	276.9	278.0	278.7	278.9	279.4	270.4	272.5	276.7	279.0	274.6
1982...	281.3	282.6	282.8	283.3	285.4	287.1	286.7	286.9	287.5	288.1	288.2	288.1	282.2	285.3	287.3	288.1	285.7
322C. CHANGE IN INDEX OF CONSUMER PRICES, FOOD, OVER 1-MONTH SPANS ¹ (MONTHLY RATE, PERCENT)																	
AVERAGE FOR PERIOD																	
1948...	1.3	-0.7	-2.2	2.6	1.3	0.6	-0.6	-0.4	-0.8	-0.8	-1.8	-0.7	-0.5	1.5	-0.2	-1.1	-0.1
1949...	-0.3	-0.5	0.0	0.1	-0.4	0.3	-1.9	0.1	0.8	-1.0	-1.2	-1.2	-0.3	0.0	-0.3	-0.7	-0.3
1950...	-0.8	1.4	-0.1	0.0	0.8	1.1	1.9	0.7	0.1	0.9	0.3	3.1	0.2	0.6	-0.9	1.4	0.8
1951...	2.4	3.5	-0.6	-0.5	0.2	-0.8	-0.4	-0.4	0.4	1.6	0.8	1.1	-0.4	-0.1	1.2	0.6	
1952...	-0.1	-0.9	-0.4	0.7	-0.1	-0.2	0.8	0.2	-0.7	0.1	0.0	-0.5	-0.5	0.1	0.1	-0.1	-0.1
1953...	-0.7	-0.5	0.0	-0.6	0.1	0.8	-0.7	0.5	0.2	0.1	-1.2	0.6	-0.4	0.1	0.0	-0.2	-0.1
1954...	0.7	-0.1	-0.4	-0.1	0.1	-0.1	0.1	-0.2	-1.0	-0.4	-0.1	-0.2	0.1	0.0	-0.4	-0.2	-0.1
1955...	-0.1	0.7	0.1	0.0	-0.6	-0.6	0.1	-0.4	0.7	-0.4	-0.5	0.0	0.2	-0.4	0.1	-0.3	-0.1
1956...	-0.4	-0.1	0.2	0.4	0.7	1.0	1.1	-1.0	0.2	0.4	0.4	0.1	-0.1	0.7	0.1	0.3	0.2
1957...	-0.1	1.0	-0.4	0.1	0.2	0.7	0.7	1.1	-0.6	-0.2	0.0	0.1	0.2	0.3	0.4	0.0	0.2
1958...	2.0	0.5	1.9	0.3	-0.4	-0.6	-0.4	-0.1	-0.3	-0.2	0.2	-0.5	1.5	-0.2	-0.3	-0.2	0.2
1959...	0.2	-0.6	-0.5	-0.3	-0.2	0.6	-0.1	-0.1	-0.2	0.2	0.1	-0.1	-0.3	0.0	0.0	0.0	-0.1
1960...	-0.1	-0.1	0.2	1.4	0.0	0.0	-0.3	0.3	0.1	0.9	0.4	0.2	0.0	0.5	0.0	0.5	0.2
1961...	-0.2	0.1	-0.1	-0.2	-0.2	0.3	0.3	-0.2	0.0	0.2	0.0	-0.1	-0.2	0.0	0.0	0.0	-0.1
1962...	0.5	0.4	0.3	0.1	-0.1	-0.3	-0.3	0.4	-0.1	-0.1	0.4	0.3	0.3	0.0	0.2	0.2	0.1
1963...	1.1	0.1	-0.2	-0.4	0.2	0.3	0.4	0.1	-0.4	-0.1	0.4	0.3	0.3	0.0	0.2	0.1	0.2
1964...	0.2	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	0.7	0.0	0.3	0.0	0.1	0.1	0.2	0.1	0.1
1965...	-0.4	-0.2	0.4	0.4	0.9	1.6	-0.1	-0.5	-0.1	0.4	0.3	0.6	-0.1	1.0	-0.2	0.4	0.3
1966...	0.6	1.5	0.8	0.1	-0.3	-0.1	-0.4	1.4	0.3	0.3	0.3	-0.2	1.0	0.1	-0.4	-0.1	0.3
1967...	-0.4	-0.2	-0.1	-0.4	0.1	0.8	0.4	0.5	0.5	0.2	0.3	-0.2	-0.2	0.2	0.3	0.3	0.1
1968...	0.2	0.4	0.3	0.4	0.1	0.1	0.4	0.4	0.5	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4
1969...	0.2	0.0	0.4	0.6	0.5	0.7	0.4	0.5	0.6	0.7	0.8	0.9	0.8	0.9	0.4	0.5	0.6
1970...	0.3	0.5	0.0	2.7	1.6	2.6	2.6	1.4	1.7	1.0	1.6	2.1	5.0	2.3	1.9	1.6	2.7
1971...	3.0	4.2	5.1	6.0	5.6	3.8	3.1	2.9	3.7	2.7	5.3	5.5	4.1	5.1	3.2	4.4	4.2
1972...	4.6	4.4	2.8	4.7	2.3	4.3	5.5	6.1	6.8	9.1	12.2	15.8	3.9	3.8	6.1	12.4	6.6
1973...	18.1	20.1	21.2	17.8	28.2	21.4	19.2	18.9	18.7	21.2	12.6	15.4	19.8	22.5	18.9	16.4	19.4
1974...	13.6	12.6	10.4	7.0	5.4	7.6	10.3	11.3	14.0	15.8	12.9	8.2	12.2	6.7	11.9	12.3	10.8
1975...	5.5	3.6	3.4	6.4	6.1	8.0	10.3	11.0	10.0	5.3	3.3	0.6	4.2	6.8	10.4	3.1	6.1
1976...	-1.2	-1.8	-2.5	-1.0	1.7	4.0	4.9	3.9	3.9	3.7	7.0	7.0	-1.8	1.6	4.2	5.9	2

G. Experimental Data and Analyses

Year and quarter	Implicit price deflator, gross nonfarm business product ¹ (Index: 1977=100)	Unit labor cost, all persons, nonfarm business sector ¹ (Index: 1977=100)	
1981			
I Q....	136.5	139.0	
II Q...	138.9	141.9	
III Q..	142.3	145.1	
IV Q...	145.5	149.0	
1982			
I Q....	146.6	151.6	
II Q...	148.1	153.5	
III Q..	149.8	154.7	
IV Q...	r151.4	r156.1	
1983			
I Q....			
II Q...			
III Q..			
IV Q...			
Year and month	Inventory-sales ratios in 1972 dollars ²		
	Manufacturing (Ratio)	Merchant wholesalers (Ratio)	Retail trade (Ratio)
1982	Revised ³	Revised ³	Revised ³
Jan....	2.15	1.43	1.45
Feb....	2.09	1.40	1.41
Mar....	2.09	1.38	1.42
Apr....	2.11	1.44	1.42
May....	2.05	1.38	1.37
June...	2.04	1.41	1.44
July...	2.05	1.44	1.43
Aug....	2.07	1.44	1.46
Sept...	2.06	1.47	1.46
Oct....	2.15	1.50	1.45
Nov....	2.12	1.46	1.39
Dec....	2.08	1.47	1.40
1983			
Jan....	p2.00 (NA)	p1.41 (NA)	p1.39 (NA)
Feb....			
Mar....			
Apr....			
May....			
June...			
July...			
Aug....			
Sept...			
Oct....			
Nov....			
Dec....			



NOTE: The "r" indicates revised; "p", preliminary; and "NA", not available.

¹Source: U.S. Department of Labor, Bureau of Labor Statistics.

²Source: U.S. Department of Commerce, Bureau of Economic Analysis.

³See "New Features and Changes for This Issue," page iii.

G. Experimental Data and Analyses—Continued

Net Contributions of Individual Components to the Leading, Roughly Coincident, and Lagging Composite Indexes

Series title (and unit of measure)	Basic data				Net contribution to index		
	Nov. 1982	Dec. 1982	Jan. 1983	Feb. 1983	Nov. to Dec. 1982	Dec. to Jan. 1983	Jan. to Feb. 1983
LEADING INDICATORS							
1. Average workweek, production workers, manufacturing (hours)	38.9	38.9	r39.8	p38.9	0.00	0.71	-0.85
5. Average weekly initial claims, State unemployment insurance ¹ (thousands)	616	531	507	478	0.41	0.13	0.20
8. New orders for consumer goods and materials in 1972 dollars (billion dollars)	28.11	28.21	r31.22	p31.19	0.02	0.50	-0.01
32. Vendor performance, companies receiving slower deliveries (percent)	40	38	41	42	-0.08	0.12	0.05
12. Net business formation (index: 1967=100)	r112.8	r114.3	r115.9	p118.7	0.18	0.19	0.40
20. Contracts and orders for plant and equipment in 1972 dollars (billion dollars)	11.40	r12.99	r11.78	p11.55	0.29	-0.21	-0.05
29. New building permits, private housing units (index: 1967=100)	96.3	105.4	119.4	120.6	0.27	0.37	0.04
35. Change in inventories on hand and on order in 1972 dol., smoothed ² (ann. rate, bil. dol.) .	r-13.49	r-22.02	p-25.91	NA	-0.48	-0.22	NA
93. Change in sensitive materials prices, smoothed ² (percent)	r-0.49	-0.50	r-0.15	0.92	-0.00	0.14	0.50
19. Stock prices, 500 common stocks (index: 1941-43=10)	138.10	139.37	144.27	146.80	0.06	0.22	0.13
106. Money supply (M2) in 1972 dollars (billion dollars)	r828.6	r837.1	r856.4	p875.5	0.33	0.73	0.85
111. Change in credit--business and consumer borrowing (annual rate, percent)	r-6.6	r-7.3	p6.1	NA	-0.04	0.70	NA
910. Composite index of 12 leading indicators ³ (index: 1967=100)	r139.6	141.2	r146.2	p148.3	1.15	3.54	1.44
ROUGHLY COINCIDENT INDICATORS							
41. Employees on nonagricultural payrolls (thousands)	88,750	r88,565	r88,895	p88,715	-0.17	0.31	-0.22
51. Personal income less transfers in 1972 dollars (annual rate, billion dollars)	r1,061.0	r1,063.2	r1,065.0	p1,065.6	0.10	0.08	0.04
47. Industrial production, total (index: 1967=100)	r134.9	r135.2	r136.9	p137.3	0.06	0.35	0.10
57. Manufacturing and trade sales in 1972 dollars (million dollars)	r150,225	r150,560	p153,861	NA	0.05	0.48	NA
920. Composite index of 4 roughly coincident indicators ³ (index: 1967=100)	132.3	r132.1	r133.5	p133.2	-0.15	1.06	-0.22
LAGGING INDICATORS							
91. Average duration of unemployment ¹ (weeks)	17.3	18.0	19.4	19.0	-0.29	-0.54	0.22
77. Ratio, constant-dollar inventories to sales, manufacturing and trade (ratio)	1.75	r1.73	p1.68	NA	-0.26	-0.66	NA
62. Labor cost per unit of output, manufacturing-- actual data as a percent of trend (percent) .	98.9	r97.7	r97.1	p96.4	-0.44	-0.22	-0.38
109. Average prime rate charged by banks (percent)	11.85	11.50	r11.16	10.98	-0.25	-0.24	-0.19
101. Commercial and industrial loans outstanding in 1972 dollars (million dollars)	106,412	r104,519	105,873	p105,104	-0.47	0.34	-0.28
95. Ratio, consumer installment credit to personal income (percent)	r12.82	r12.88	p12.96	NA	0.23	0.31	NA
930. Composite index of 6 lagging indicators ³ (index: 1967=100)	r118.2	r116.5	r115.3	p114.6	-1.44	-1.03	-0.61

NOTE: The net contribution of an individual component is that component's share in the composite movement of the group. It is computed by dividing the standardized and weighted change for the component by the sum of the weights for the available components and dividing that result by the index standardization factor. See the February 1983 issue of *BUSINESS CONDITIONS DIGEST* (pp. 108-109) for the weights and standardization factors. NA, not available. p, preliminary. r, revised. e, estimated.

¹This series is inverted in computing the composite index; i.e., a decrease in this series is considered an upward movement.

²This series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span.

³Figures in the net contribution columns are percent changes in the index. The percent change is equal (except for rounding differences) to the sum of the individual components' contributions plus the trend adjustment factor. The trend adjustment factor for the leading index is 0.139; for the coincident index, -0.175; for the lagging index, 0.018.

THE FEBRUARY 1983 REVISION OF THE COMPOSITE INDEXES--A SUMMARY OF THE CHANGES

The composite indexes of leading, coincident, and lagging indicators have been revised to reflect improvements in composition, historical revisions in source data, and routine updating of statistical factors. These revisions, which go back to 1948, result from a continuing review of the composite indexes by the Bureau of Economic Analysis. The Bureau was assisted in this effort by its consultant on business cycle indicators (Professor Victor Zarnowitz of the University of Chicago) and by members of the *BUSINESS CONDITIONS DIGEST* Technical Advisory Committee (representing several Federal agencies), who made recommendations and reviewed the results. The last revision of the indexes was in 1979.

Improvements in composition. Several components of the leading and lagging indexes have been replaced with components more appropriate for measuring current cyclical changes in the economy. In the leading index, two components were added, replacing two that were dropped. (Change in sensitive materials prices and change in credit outstanding were added. Change in sensitive crude materials prices and change in total liquid assets were dropped.) In the lagging index, one component was added, replacing one that was dropped. (The ratio of deflated inventories to sales, manufacturing and trade, replaced manufacturing and trade inventories in 1972 dollars.) Several components in both indexes were refined to enhance their usefulness in measuring current cyclical changes. Tables A and B summarize the changes for the leading and lagging indexes, respectively. The composition of the coincident index has not been changed.

Revisions in source data. The composite indexes have been revised to incorporate historical revisions in source data. The normal monthly updating of the indexes incorporates only data for the last 12 months.

Updating of statistical factors. The statistical factors used in calculating the composite indexes--weights, standardization factors, and trend factors--have been recalculated to cover longer time spans. The weight assigned to each component of a composite index is based on the component's performance rating as a cyclical indicator. In the revised indexes, the weights are based on seven business cycles through 1980; in the previous indexes, they were based on six business cycles through 1975. The standardization factors equalize the components' average monthly changes (without regard to sign). In the revised indexes, the standardization factors are computed over the period 1948-81; in the previous indexes, they were computed over the period 1948-78. The trend factors equalize the trends in the leading, coincident, and lagging indexes. The trend factors used in computing the revised indexes are based on data through 1981; in the previous indexes, they were based on data through early 1979. The weights, standardization and trend factors, and historical data for the revised composite indexes were shown in the February 1983 issue of *BUSINESS CONDITIONS DIGEST*.

The revisions affected the composite indexes as follows:

Cyclical timing. For the leading index, the average lead time was reduced--one month at the peaks (from 10.8 to 9.6) and one-half of one month at the troughs (from 3.1 to 2.6). For the lagging index, the average lag time was increased--two months at the peaks (from 3.1 to 5.2) and two and one-half months at the troughs (from 7.4 to 10.0). Timing at turning points for the coincident index was not affected.

Consistency of timing. For the leading index, the variability of the length of leads at turning points was little affected. For the lagging index, the length of lags at peaks became more variable, but at troughs it became substantially less variable.

Magnitude of monthly changes. The average monthly change without regard to sign, for 1948-82, in the leading index was decreased from 0.90 to 0.88 percent. In the lagging index, it was decreased from 0.93 to 0.86 percent. In the coincident index, it was increased from 0.77 to 0.79 percent.

Level of indexes. For the leading and coincident indexes, changes in the levels were small. The level of the lagging index was revised down, due to the modified treatment of the prime interest rate component and the elimination of the impact of price change in two other components.

Number of components available. For the leading index, data for more components will be available for the preliminary estimates and for the first revisions. Preliminary estimates will be based on 10 or 11 components, compared with 10 components for the previous index, and first revisions will be based on all 12 components, compared with 11 components. The number of components available for the coincident and lagging indexes is not affected.

Table A. Changes in the Components of the Leading Index

Components	Changes made for revised index
<u>REVISED INDEX:</u>	
Change in sensitive materials prices	Replaced previously used series on sensitive crude materials prices (see below). The new series is based on producer prices for 28 selected crude and intermediate materials (excluding crude petroleum and natural gas) and spot market prices for 13 raw industrial materials.
Change in credit outstanding--business and consumer borrowing	Replaced previously used series on change in liquid assets (see below). New series is based on data on consumer installment credit outstanding, commercial and industrial credit outstanding, real estate loans outstanding, mortgage loans held by savings and loan associations, and commercial paper outstanding of nonfinancial corporations.
Net business formation	Reinstituted using source data not available previously.
Average weekly initial claims, State unemployment insurance	Incorporated data prior to February 1981. Beginning in that month, the claims series had replaced the layoff rate (which had been discontinued by the source agency).
Average workweek, production workers, manufacturing	Incorporated historical data revisions.
New orders for consumer goods and materials in 1972 dollars	Incorporated historical data revisions.
Contracts and orders for plant and equipment in 1972 dollars	Incorporated historical data revisions.
New building permits, private housing units	Incorporated historical data revisions.
Change in inventories on hand and on order in 1972 dollars	Incorporated historical data revisions.
Money supply (M2) in 1972 dollars	Incorporated historical data revisions.
Vendor performance, companies receiving slower deliveries	None
Stock prices, 500 common stocks	None

(Continued on following page.)

Table A. Changes in the Components of the Leading Index--Continued

Components	Changes made for revised index
<u>PREVIOUSLY PUBLISHED INDEX:</u>	
Change in sensitive crude materials prices	Removed. Series had become less cyclically sensitive as a leading indicator because two of its components--crude petroleum and natural gas prices--are not set by the market.
Change in total liquid assets	Removed because of a chronic lag in availability of current data.

Table B. Changes in the Components of the Lagging Index

Components	Changes made for revised index
<u>REVISED INDEX:</u>	
Ratio, deflated inventories to sales, manufacturing and trade	Replaced series on manufacturing and trade inventories in 1972 dollars (see below). The new series, which is the ratio of the previously used inventory series to sales, has more distinct cyclical movements.
Labor cost per unit of output, manufacturing--actual data as percent of trend	Recalculated as actual data as percent of trend. Previously used level of labor cost per unit of output, manufacturing, has a strong upward drift due to inflation. The percent-of-trend series displays cyclical movements that are well defined.
Commercial and industrial loans in 1972 dollars	Recalculated (1) to include commercial paper of non-financial corporations, providing a more comprehensive measure of business loans outstanding, and (2) to remove the effects of price changes. Deflation is by the Producer Price Index for all commodities.
Average prime rate charged by banks	Separated pre-1966 and later data for treatment as two series. Before 1966, the average prime rate moved within a narrow range; since then, it has been more volatile. This change in character distorts the series' contribution to the previously published index.
Average duration of unemployment	Incorporated historical data revisions.
Ratio, consumer installment credit to personal income	Incorporated historical data revisions.
<u>PREVIOUSLY PUBLISHED INDEX:</u>	
Manufacturing and trade inventories in 1972 dollars	Removed because it has lost its measurable cyclical sensitivity.

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Series titles (See complete titles in "Titles and Sources of Series," following this index)	Series number	Current issue (page numbers)		Historical date (issue date)	Series descriptions (*)	Series titles (See complete titles in "Titles and Sources of Series," following this index)	Series number	Current issue (page numbers)		Historical date (issue date)	Series descriptions (*)
		Charts	Tables					Charts	Tables		
A											
Accession rate, manufacturing	2	16	61	8/82	18	Composite indexes					
Agricultural products, exports	604	56	92	1/83	64	Coincident indicators					
Anticipations and intentions						Four coinciders	920	10	60	2/83	15
Business expenditures, new plant and equipment	61	24	67	6/82	34	Four coinciders, rate of change	920c	39	...	11/81	...
Business expenditures, new plant and equipment, DI	970	38	76	6/82	34	Ratio to lagging indicator index	940	11	60	2/83	15
Consumer sentiment, index	58	22	65	12/82	31	Lagging indicators					
Employees, manufacturing and trade, DI	974	38	76	1/82	48	Six laggars	930	10	60	2/83	15
Inventories, manufacturing and trade, DI	975	38	76	1/82	48	Six laggars, rate of change	930c	39	...	11/81	...
New orders, manufacturing, DI	971	38	76	1/82	48	Leading indicators					
Prices, selling, manufacturing, DI	976	38	76	1/82	48	Capital investment commitments	914	11	60	2/83	15
Prices, selling, retail trade, DI	978	38	76	1/82	49	Inventory investment and purchasing	915	11	60	2/83	15
Prices, selling, wholesale trade, DI	977	38	76	1/82	48	Marginal employment adjustments	913	11	60	2/83	15
Profits, net, manufacturing and trade, DI	972	38	76	1/82	48	Money and financial flows	917	11	60	2/83	15
Sales, net, manufacturing and trade, DI	973	38	76	1/82	48	Profitability	916	11	60	2/83	15
Automobiles						Twelve leaders	910	10	60	2/83	15
Expenditures, personal consumption	55	22	65	9/82	50	Twelve leaders, rate of change	910c	39	...	11/81	...
Imports of automobiles and parts	616	56	92	1/83	64	Construction					
B											
Balance of payments—See International transactions.						Building permits, new private housing	29	13, 25	67	6/82	35
Bank loans to businesses, loans outstanding	72	15, 35	73	2/83	43	Contracts awarded, commercial and industrial bldg.	9	23	66	3/82	32
Bank loans to businesses, net change	112	32	72	3/82	43	Expenditures, plus machinery and equipment sales	69	24	67	9/82	28
Bank rates—See Interest rates.						Gross private domestic fixed investment					
Bank reserves						Nonresidential, as percent of GNP	248	47	83	10/82	51
Free reserves	93	33	72	1/82	45	Nonresidential structures, constant dollars	87	25	67	9/82	51
Member bank borrowing from Federal Reserve	94	33	72	1/82	45	Nonresidential, total, constant dollars	86	25	67	9/82	51
Bonds—See Interest rates.						Residential as percent of GNP	249	47	83	10/82	51
Borrowing—See Credit.						Residential, total, constant dollars	89	25	67	9/82	51
Budget—See Government.						Housing starts	28	25	67	3/82	35
Building—See Construction.						Consumer finished goods—See Wholesale prices.					
Building permits, new private housing	29	13, 25	67	6/82	35	Consumer goods and materials, new orders	8	12, 21	64	8/82	26
Business equipment, industrial production	76	24	67	12/82	24	Consumer goods, industrial production	75	22	65	12/82	24
Business expenditures, new plant and equipment	61	24	67	6/82	34	Consumer installment debt					
Business expenditures, new plant and equipment, DI	970	38	76	6/82	34	Debt outstanding	66	35	73	5/82	43
Business failures, current liabilities	14	33	72	12/81	44	Net change	113	32	72	5/82	43
Business formation	12	12, 23	65	2/83	32	Ratio to personal income	95	15, 35	73	11/82	43
Business incorporations	13	23	65	3/82	32	Consumer installment loans, delinquency rate	39	33	72	2/82	45
Business inventories—See Inventories.						Consumer prices—See also International comparisons.					
Business loans—See Bank loans.						All items, index	320	49	84, 95	3/83	59
Business savings	295	46	82	11/82	37	All items, percent changes	320c	49, 59	84, 95	3/83	59
C						Food, index	322	49	84	3/83	59
Canada—See International comparisons.						Food, percent changes	322c	49	84	3/83	59
Capacity utilization						Consumer sentiment, index	58	22	65	12/82	31
Manufacturing (BEA)	83	20	64	12/82	25	Consumption expenditures—See Personal consumption expenditures.					
Manufacturing (FRB)	82	20	64	12/82	25	Contracts and orders, plant and equipment, constant dol.	20	12, 23	66	8/82	32
Materials	84	20	64	12/82	25	Contracts and orders, plant and equipment, current dol.	10	23	66	8/82	32
Capital appropriations, manufacturing						Corporate bond yields	116	34	73	2/82	46
Backlog	97	24	66	1/83	33	Corporate profits—See Profits.					
Newly approved	11	24	66	1/83	33	Costs—See Labor costs and Price indexes.					
Newly approved, DI	965	37	75	1/83	33	Credit					
Capital investment—See Investment, capital.						Bank loans to businesses, net change	112	32	72	3/82	43
Capital investment commitments, CI	914	11	60	2/83	15	Borrowing, total private	110	32	72	11/82	44
Cash flow, corporate, constant dollars	35	29	70	8/82	37	Commercial and industrial loans outstanding	72	15, 35	73	2/83	43
Cash flow, corporate, current dollars	34	29	70	8/82	37	Consumer installment debt					
Civilian labor force—See also Employment.						Debt outstanding	66	35	73	5/82	43
Employment	442	51	89	3/83	20	Net change	113	32	72	5/82	43
Employment as percent of population	90	18	62	3/83	20	Ratio to personal income	95	15, 35	73	11/82	43
Total	441	51	89	3/83	20	Consumer installment loans, delinquency rate	39	33	72	2/82	45
Unemployed	37	18, 51	62, 89	3/83	20	Mortgage debt, net change	33	32	71	3/82	42
Coincident indicators, four						Crude materials—See Wholesale prices.					
Composite index	920	10	60	2/83	15	D					
Composite index, rate of change	920c	39	...	11/81	...	Debt—See Credit.					
Diffusion index	951	36	74	2/83	15	Defense					
Ratio to lagging indicators, composite index	940	11	60	2/83	15	Military prime contract awards	525	43	90	4/82	64
Commercial and industrial buildings, contracts awarded	9	23	66	3/82	32	National defense purchases	564	55	91	11/82	53
Commercial and industrial loans outstanding	72	15, 35	73	2/83	43	New orders, defense products	548	13	90	12/82	26
Commercial and industrial loans outstanding, net change	112	32	72	3/82	43	Obligations incurred	517	43	90	7/82	...
Compensation						Deficit—See Government.					
Compensation, average hourly, all employees, nonfarm business sector	345	49	87	11/82	56	Deflators—See Price indexes.					
Compensation, average hourly, all employees, nonfarm business sector, percent changes	345c	50	87	11/82	56	Deflation rate, consumer installment loans	39	33	72	2/82	45
Compensation of employees	280	45	82	10/82	56	Deliveries, vendor performance	32	12, 21	64	2/82	28
Compensation of employees, percent of national income	64	30, 47	70, 83	10/82	56	Diffusion indexes					
Compensation, real average hourly, all employees, nonfarm business sector	346	49	88	11/82	56	Business expenditures, new plant and equipment	970	38	76	6/82	34
Compensation, real average hourly, all employees, nonfarm business sector, percent changes	346c	50	88	11/82	56	Capital appropriations, manufacturing	965	37	75	1/83	33
Earnings, average hourly, production workers, private nonfarm economy	340	49	87	6/82	15	Coincident indicators	951	36	74	2/83	15
Earnings, average hourly, production workers, private nonfarm economy, percent changes	340c	50	87	6/82	15	Employees, manufacturing and trade	974	38	76	1/82	48
Earnings, real average hourly, production workers, private nonfarm economy	341	49	87	7/82	15	Employees on private nonagricultural payrolls	963	36	74	7/82	15
Earnings, real average hourly, production workers, private nonfarm economy, percent changes	341c	50	87	7/82	15	Industrial materials prices	967	37	75	1/82	33
Wages and benefit decisions, first year	348	50	88	8/81	62	Industrial production	966	37	75	7/82	24
Wages and benefit decisions, life of contract	349	50	88	8/81	62	Industrial production, components	966	37	75	7/82	24
Wages and salaries, mining, manufacturing, and construction	53	19	63	9/82	22	Initial claims, State unemployment insurance	962	35	74	1/82	18
Disposable personal income—See Income.						Inventories, manufacturing and trade	975	33	76	1/82	48

NOTE: CI, composite index; DI, diffusion index; GPD, gross private domestic investment; NIPA, national income and product accounts.

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		Charts	Tables					Charts	Tables								
E																	
Earnings—See Compensation.																	
Employment and unemployment																	
Accession rate, manufacturing	2	16	61	8/81	18	Gross business product	311	48	84	11/82	58						
Civilian labor force, total	441	51	89	3/83	20	Fixed weighted price index	311c	48	84	11/82	59						
Employee hours in nonagricultural establishments	48	17	61	11/82	15	Fixed weighted price index, percent changes	68	30	70	9/82	39						
Employee hours in nonagricultural establishments, rate of change	48c	39	...	11/82	...	Gross domestic product, labor cost per unit											
Employees in mining, mfg., and construction	40	17	62	7/82	15	Gross national product	50	19, 40	63, 80	8/82	49						
Employees, manufacturing and trade, DI	974	38	76	1/82	48	GNP, constant dollars	50b	...	80	8/82	49						
Employees on nonagricultural payrolls	41	14, 17	62	7/82	15	GNP, constant dollars, differences	50c	39	80	8/82	49						
Employment, ratio to population	90	18	62	3/83	20	GNP, current dollars	200	40	80	8/82	49						
Employment, total civilian	442	51	89	3/83	20	GNP, current dollars, differences	200b	...	80	8/82	49						
Help-wanted advertising in newspapers	46	17	61	7/82	19	GNP, current dollars, percent changes	200c	...	80	8/82	49						
Help-wanted advertising, ratio to unemployment	60	17	61	3/83	19	GNP, ratio to money supply	107	31	71	8/82	40						
Initial claims, State unemployment insurance	5	12, 16	61	2/82	18	Goods output in constant dollars	49	20	63	8/82	25						
Initial claims, State unemployment insurance, DI	962	36	74	1/82	18	Implicit price deflator	310	48	84	11/82	49						
Layoff rate, manufacturing	3	16	61	8/81	18	Implicit price deflator, percent changes	310c	48	84	11/82	49						
Marginal employment adjustments, CI	913	11	60	2/83	15	Per capita GNP, constant dollars	217	40	80	10/82	49						
Overtime hours, mfg. production workers	21	16	61	7/82	15	Gross private domestic invest.—See Investment, capital.											
Participation rate, both sexes, 16-19 years old	453	51	89	3/83	20	H											
Participation rate, females 20 years and over	452	51	89	3/83	20	Help-wanted advertising in newspapers	46	17	61	7/82	19						
Participation rate, males 20 years and over	451	51	89	3/83	20	Help-wanted advertising, ratio to unemployment	60	17	61	3/83	19						
Part-time workers for economic reasons	448	51	89	3/83	20	Hours of production workers, manufacturing											
Persons engaged in nonagricultural activities	42	17	62	3/83	20	Average weekly overtime	21	16	61	7/82	15						
Quit rate, manufacturing	4	16	61	8/81	18	Average workweek	1	12, 16	61	7/82	15						
Unemployed, both sexes, 16-19 years old	446	51	89	3/83	20	Average workweek, components	...	...	77	...	...				
Unemployed, females 20 years and over	445	51	89	3/83	20	Average workweek, DI	961	36	74	7/82	15						
Unemployed, full-time workers	447	51	89	3/83	20	Housing											
Unemployed, males 20 years and over	444	51	89	3/83	20	Housing starts	28	25	67	3/82	35						
Unemployment, average duration	91	15, 18	62	3/83	20	Housing units authorized by local bldg. permits	29	13, 25	67	6/82	35						
Unemployment rate, 15 weeks and over	44	18	62	3/83	20	Residential GDP, constant dollars	89	25	67	9/82	51						
Unemployment rate, insured, average weekly	45	18	62	3/83	18	Residential GDP, percent of GNP	249	47	83	10/82	51						
Unemployment rate, total	43	18	62	3/83	20	I											
Unemployment, total civilian	37	18, 51	62, 89	3/83	20	Implicit price deflator, GNP	310	48	84	11/82	49						
Workweek, mfg. production workers	1	12, 16	61	7/82	15	Implicit price deflator, GNP, percent changes	310c	48	84	11/82	49						
Workweek, mfg. production workers, components	...	...	77	...		Imports—See Foreign trade and International transactions.									
Workweek, mfg. production workers, DI	961	36	74	7/82	15	Income											
Equipment—See Investment, capital.						Compensation, average hourly, all employees,	345	49	87	11/82	56						
Exports—See Foreign trade and International transactions.						nonfarm business sector	345b	...	...						
F						Compensation, average hourly, all employees,	345c	50	87	11/82	56						
Federal funds rate	118	34	72	2/82	46	nonfarm business sector, percent changes	280	45	82	10/82	56						
Federal Government—See Government.						Compensation of employees	64	30, 47	70, 83	10/82	56						
Federal Reserve, member bank borrowing from	94	33	72	1/82	45	Compensation of employees, pct. of nat'l. income	346	49	88	11/82	56						
Final sales in constant dollars	213	40	80	10/82	49	Compensation, real average hourly, all employees,	346b	...	...						
Financial flows and money, CI	917	11	60	2/83	15	nonfarm business sector	346c	50	88	11/82	56						
Fixed investment—See Investment, capital.						Compensation, real average hourly, all employees,	95	15, 35	73	11/82	43						
Fixed weighted price index, NIPA	311	48	84	11/82	58	nonfarm business sector, percent changes	286	45	82	10/82	37						
Fixed weighted price index, percent changes, NIPA	311c	48	84	11/82	59	Corporate profits with IVA and CCA	287	47	83	10/82	37						
Food—See Consumer prices.						Disposable personal income, constant dollars	225	40	80	10/82	22						
Foreign trade—See also International transactions.						Disposable personal income, current dollars	224	40	80	10/82	22						
Balance on goods and services	667	57	93	8/82	65	Disposable personal income, per capita, constant dol.	227	40	80	10/82	22						
Balance on merchandise trade	622	57	93	8/82	65	Earnings, average hourly, production workers,	340	49	87	6/82	15						
Exports, merchandise, adjusted, exc. military	618	57	93	8/82	65	private nonfarm economy	340b	...	...						
Exports, merchandise, total exc. military aid	602	56	92	5/82	64	Earnings, average hourly, production workers,	340c	50	87	6/82	15						
Exports of agricultural products	604	56	92	1/83	64	private nonfarm economy, percent changes	341c	50	87	7/82	15						
Exports of goods and services, constant dol., NIPA	256	44	82	10/82	54	Earnings, real average hourly, production workers, private nonfarm economy	341b	...	...						
Exports of goods and services, current dol., NIPA	252	44	82	10/82	54	Earnings, real average hourly, production workers, private nonfarm economy, percent changes	341c	50	87	7/82	15						
Exports of goods and services, exc. military	668	57	93	8/82	65	Income on foreign investment in the U.S.	652	57	93	8/82	65						
Exports of nonelectrical machinery	606	56	92	1/83	64	Income on U.S. investments abroad	651	57	93	8/82	65						
Imports, merchandise, adjusted, exc. military	620	57	93	8/82	65	Interest, net	288	45	82	10/82	57						
Imports, merchandise, total	612	56	92	5/82	64	Interest, net, percent of national income	289	47	83	10/82	57						
Imports of automobiles and parts	816	56	92	1/83	64	National income	220	45	82	10/82	55						
Imports of goods and services, constant dol., NIPA	257	44	82	10/82	54	Personal income, constant dollars	52	19	63	9/82	22						
Imports of goods and services, current dol., NIPA	253	44	82	10/82	54	Personal income, current dollars	223	40	63	9/82	22						
Imports of goods and services, total	669	57	93	8/82	65	Personal income, less transfers, constant dollars	51	14, 19	63	9/82	22						
Imports of petroleum and products	814	56	92	1/83	64	Personal income, less transfers, constant dol. rate of chg.	51c	39	...	9/82	...						
Net exports, goods and services, constant dol., NIPA	255	44	82	10/82	54	Personal income, ratio to money supply	108	31	71	8/82	40						
Net exports, goods and services, current dol., NIPA	250	44	82	10/82	54	Proprietors' income with IVA and CCA	282	45	82	10/82	56						
Net exports, goods and services, percent of GNP, NIPA	251	47	83	10/82	54	Proprietors' income with IVA and CCA, percent	283	47	83	10/82	56						
France—See International comparisons.						of national income	284	45	82	10/82	57						
Free reserves	93	33	72	1/82	45	Rental income of persons with CCA	285	47	83	10/82	57						
G						Rental income of persons with CCA, pct. of nat'l. income	285b	...	...						
Goods output in constant dollars	49	20	63	8/82	25	Wage and benefit decisions, first year	348	50	88	8/81	62						
Government budget, NIPA						Wage and benefit decisions, life of contract	349	50	88	8/81	62						
Federal expenditures	502	52	90	9/82	62	Wages and salaries, mining, mfg., and construction	53	19	63	9/82	22						
Federal receipts	501	52	90	9/82	62	Incorporations, new businesses	13	23	65	3/82	32						
Federal surplus or deficit	500	52	90	9/82	62	Industrial materials prices	23	28	69	1/82	36						
State and local expenditures	512	52	90	9/82	62	Industrial materials prices, components	...	...	79	...	...				
State and local receipts	511	52	90	9/82	62	Industrial materials prices, DI	967	37	75	1/82	36						
State and local surplus or deficit	510	52	90	9/82	62	Industrial production - See also International comparisons.											
Surplus or deficit, total	298	46	83	11/82	58	Business equipment	76	24	67	12/82	24						
Government purchases of goods and services						Consumer goods	75	22	65	12/82	24						
Federal, constant dollars	263	43	81	11/82	53	Durable manufactures	73	20	63	12/82	24						
Federal, current dollars	262	43	81	11/82	53	Nondurable manufactures	74	20	63	12/82	24						
Federal, percent of GNP	265	47	83	11/82	53	Total	47	14, 20, 58	63, 94	12/82	24						
National defense	564	55	91	11/82	53	Total, components	...	...	78	...	...				
State and local, constant dollars	267	43	81	11/82	53	Total, DI	966	37	75	7/82	24						
State and local, current dollars	266	43	81	11/82	53	Total, rate of change	47c	39	...	12/82	...						
State and local, percent of GNP	268	47	83	11/82	53	Insured unemployment											
Total, constant dollars	261	43	81	11/82	53	Avg. weekly initial claims, unemploy. insurance	5	12, 16	61	2/82	18						
Total, current dollars	260	43	81	11/82	53	Avg. weekly initial claims, unemploy. insurance, DI	962	36	74	1/82	18						
						Avg. weekly insured unemployment rate	45	18	62	3/83	18						

NOTE: CI, composite index; DI, diffusion index; GDP, gross private domestic investment; NIPA, national income and product accounts.

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Series titles (See complete titles in "Titles and Sources of Series," following this index)	Series number	Current issue (page numbers)		Historical data (issue date)	Series descriptions (*)	Series titles (See complete titles in "Titles and Sources of Series," following this index)	Series number	Current issue (page numbers)		Historical data (issue date)	Series descriptions (*)
		Charts	Tables					Charts	Tables		
In Ernest, net	288	45	82	10/82	57	Plant and equipment	61	24	67	6/82	34
In Ernest, net, percent of national income	289	47	83	10/82	57	Business expenditures, new	970	38	76	6/82	34
In Ernest rates						Business expenditures, new, DI	20	12,23	66	8/82	32
Bank rates on short-term business loans	67	35	73	12/82	46	Contracts and orders, constant dollars	10	23	66	8/82	32
Corporate bond yields	116	34	73	2/82	46	Contracts and orders, current dollars					
Federal funds rate	119	34	72	2/82	46	Investment, foreign					
Mortgage yields, secondary market	118	34	73	2/82	46	Income on foreign investments in U.S.	652	57	93	8/82	65
Municipal bond yields	117	34	73	2/82	46	Income on U.S. investments abroad	651	57	93	8/82	65
Prime rate charged by banks	109	35	73	2/82	46	Italy—See International comparisons.					
Treasury bill rate	114	34	72	2/82	46						
Treasury bond yields	115	34	73	2/82	46	J					
Intermediate materials—See Wholesale prices.						Japan—See International comparisons.					
International comparisons											
Consumer prices						L					
Canada, index	733	...	96	4/82	68	Labor cost per unit of gross domestic product	68	30	70	9/82	39
Canada, percent changes	733c	59	96	4/82	68	Labor cost per unit of output, manufacturing	62	15,30	70	2/83	39
France, index	736	...	95	4/82	68	Labor cost per unit of output, private business sector	63	30	70	11/82	39
France, percent changes	736c	59	95	4/82	68	Labor cost, price per unit of, nonfarm business	26	29	70	10/82	...
Italy, index	737	...	96	4/82	69	Labor force—See Employment and unemployment.					
Italy, percent changes	737c	59	96	4/82	69	Lagging indicators, six					
Japan, index	738	...	95	4/82	69	Composite index	930	10	60	2/83	15
Japan, percent changes	738c	59	95	4/82	69	Composite index, rate of change	930c	39	...	11/81	...
United Kingdom, index	732	...	95	4/82	68	Diffusion index	952	35	74	2/83	15
United Kingdom, percent changes	732c	59	95	4/82	68	Layoff rate, manufacturing	3	16	61	8/81	18
United States, index	320	49	84,95	3/83	59	Leading indicators, twelve					
United States, percent changes	320c	49,59	84,95	3/83	59	Composite index	910	10	60	2/83	15
West Germany, index	735	...	95	4/82	68	Composite index, rate of change	910c	39	...	11/81	...
West Germany, percent changes	735c	59	95	4/82	68	Diffusion index	950	36	74	2/83	15
Industrial production						Liabilities of business failures	14	33	72	12/81	44
Canada	723	58	94	1/83	66	Liquid assets, change in total	104	13,31	71	5/82	40
France	726	58	94	1/83	66	Loans—See Credit.					
Italy	727	58	94	1/83	66						
Japan	728	58	94	1/83	66	M					
OECD, European countries	721	58	94	1/83	66	Man-hours—See Employment and unemployment.					
United Kingdom	722	58	94	1/83	66	Marginal employment adjustments, CI	913	11	60	2/83	15
United States	47	14,20,58	63,94	12/82	24	Materials and supplies on hand and on order, mfg.	78	27	68	9/82	23
West Germany	725	58	94	1/83	66	Materials and supplies on hand and on order, mfg., change	38	26	68	9/82	23
Stock prices						Materials, crude and intermediate—See Wholesale prices.					
Canada	743	59	96	12/82	70	Materials, industrial—See Price indexes.					
France	746	59	96	12/82	70	Materials, new orders for consumer goods and	8	12,21	64	8/82	26
Italy	747	59	96	12/82	70	Materials, rate of capacity utilization	84	20	64	12/82	25
Japan	748	59	95	12/82	70	Merchandise trade—See Foreign trade.					
United Kingdom	742	59	96	12/82	70	Military—See Defense.					
United States	19	59	96	12/82	36	Money and financial flows, CI	917	11	60	2/83	15
West Germany	745	59	96	12/82	70	Money supply					
International transactions—See also Foreign trade.						Liquid assets, change in total	104	13,31	71	5/82	40
Balance on goods and services	667	57	93	8/82	65	Money supply M1	105	37	71	5/82	40
Balance on merchandise trade	622	57	93	8/82	65	Money supply M1, percent changes	85	37	71	5/82	40
Exports, merchandise, adjusted, exc. military	618	57	93	8/82	65	Money supply M2	106	13,31	71	5/82	40
Exports, merchandise, total exc. military aid	602	56	92	5/82	64	Money supply M2, percent changes	102	37	71	5/82	40
Exports of agricultural products	604	56	92	1/83	64	Ratio, GNP to money supply M1	107	37	71	8/82	40
Exports of goods and services, exc. military	668	57	93	8/82	65	Ratio personal income to money supply M2	108	37	71	8/82	40
Exports of nonelectrical machinery	606	56	92	1/83	64	Mortgage debt, net change	33	32	71	3/82	42
Imports, merchandise, adjusted, exc. military	620	57	93	8/82	65	Mortgage yields secondary market	118	34	73	2/82	46
Imports, merchandise, total	612	56	92	5/82	64	Municipal bond yields	117	34	73	2/82	46
Imports of automobiles and parts	616	56	92	1/83	64						
Imports of goods and services, total	669	57	93	8/82	65						
Imports of petroleum and products	614	56	92	1/83	64						
Income on foreign investments in U.S.	652	57	93	8/82	65						
Income on U.S. investments abroad	651	57	93	8/82	65						
Inventories						N					
Business inventories, change, constant dollars	30	26,42	68,81	10/82	51	National defense—See Defense.					
Business inventories, change, current dollars	245	42	81	10/82	51	National Government—See Government.					
Business inventories, change, percent of GNP	247	47	83	10/82	51	National income—See Income.					
Finished goods, manufacturers'	65	27	68	9/82	28	New orders, manufacturers'					
Inventories on hand and on order, net change	36	13,26	68	8/92	28	Capital goods industries, nondefense, constant dol.	27	23	66	8/82	26
Inventories to sales ratio, mfg. and trade (deflated)	77	27	68	1/83	28	Capital goods industries, nondefense, current dol.	24	23	66	8/82	26
Inventory investment and purchasing, CI	915	11	60	2/83	15	Consumer goods and materials, constant dollars	8	12,21	64	8/82	26
Manufacturing and trade, constant dollars	70	15,27	68	9/82	23	Contracts and orders, plant and equip., constant dol.	20	12,23	66	8/82	32
Manufacturing and trade, current dollars	71	27	68	9/82	23	Contracts and orders, plant and equip., current dol.	10	23	66	8/82	32
Manufacturing and trade, current dollars, change	31	26	68	9/82	28	Defense products	548	53	90	12/82	26
Manufacturing and trade, DI	975	38	76	1/82	48	Durable goods industries, constant dollars	7	21	64	8/82	26
Materials and supplies on hand and on order, mfg.	78	27	68	9/82	28	Durable goods industries, current dollars	6	21	64	8/82	26
Materials and supplies on hand and on order, mfg., change	38	26	68	9/82	28	Components			77	...	...
Investment, capital						Diffusion index	964	37	75	8/82	26
Capital appropriations, manufacturing, backlog	97	24	66	1/83	33	New orders, manufacturing, DI	971	38	76	1/82	48
Capital appropriations, manufacturing, new	11	24	66	1/83	33	Nonresidential fixed investment, GPD					
Capital appropriations, manufacturing, new, DI	965	37	75	1/83	33	Producers' durable equipment, constant dollars	88	25	67	9/82	51
Capital investment commitments, CI	914	11	60	2/83	15	Structures, constant dollars	37	25	67	9/82	51
Construction contracts, commercial and industrial	9	23	66	3/82	32	Total, constant dollars	86	25	67	9/82	51
Construction expenditures, business and machinery and equipment sales	69	24	67	9/82	28	Total, percent of GNP	248	47	83	10/82	51
Gross private domestic investment											
Fixed investment, constant dollars	243	42	81	10/82	51	O					
Fixed investment, current dollars	242	42	81	10/82	51	Obligations incurred, Defense Department	517	53	93	7/82	...
Inventories, business, change in—See Inventories.						OECD, European countries, industrial production	721	58	94	1/83	66
Nonresidential, total, constant dollars	86	25	67	9/82	51	Orders—See New orders and Unfilled orders.					
Nonresidential, total, percent of GNP	248	47	83	10/82	51	Output—See also Gross national product and Industrial production.					
Producers' durable equip., nonresid., constant dol.	88	25	67	9/82	51	Goods output, constant dollars	49	20	63	8/82	25
Residential, total, constant dollars	88	25	67	9/82	51	Labor cost per unit of	62	15,30	70	2/83	39
Residential, total, percent of GNP	249	47	83	10/82	51	Per hour, nonfarm business sector	358	50	88	12/82	61
Structures, nonresid., constant dollars	87	25	67	9/82	51	Per hour, private business sector	370	50	88	11/82	61
Total, constant dollars	241	42	81	10/82	51	Ratio per capacity, manufacturing (BEA)	83	20	64	12/82	25
Total, current dollars	240	42	81	10/82	51	Ratio per capacity, manufacturing (FRB)	82	20	64	12/82	25
New orders, capital goods, nondefense, constant dollars	27	23	66	8/82	26	Ratio per capacity, materials	84	20	64	12/82	25
New orders, capital goods, nondefense, current dollars	24	23	66	8/82	26	Overtime hours, production workers, manufacturing	21	16	61	7/82	15

NOTE: CI, composite index; DI, diffusion index; GDP, gross private domestic investment; NIPA, national income and product accounts.

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		Charts	Tables					Charts	Tables		
P											
Participation rates, civilian labor force						Reserves, free	93	33	72	1/82	45
Both sexes, 16-19 years of age	453	51	89	3/83	20	Residential fixed investment, constant dollars, GPD	89	25	67	9/82	51
Females 20 years and over	452	51	89	3/83	20	Residential fixed investment, percent of GNP	249	47	83	10/82	51
Males 20 years and over	451	51	89	3/83	20	Residential structures—See Housing.					
Personal consumption expenditures						Retail sales, constant dollars	59	22	65	11/82	31
Automobiles	55	22	65	9/82	50	Retail sales, current dollars	54	22	65	11/82	31
Durable goods, constant dollars	233	41	80	10/82	50	S					
Durable goods, current dollars	232	41	80	10/82	50	Salaries—See Compensation.					
Nondurable goods, constant dollars	238	41	81	10/82	50	Sales					
Nondurable goods, current dollars	236	41	81	10/82	50	Final sales, constant dollars	213	40	80	10/82	49
Services, constant dollars	239	41	81	10/82	50	Machinery and equipment sales and business	69	24	67	9/82	28
Services, current dollars	237	41	81	10/82	50	construction expenditures	57	14, 22	65	11/82	28
Total, constant dollars	231	41	80	10/82	50	Manufacturing and trade sales, constant dollars	56	22	65	11/82	28
Total, current dollars	230	41	80	10/82	50	Manufacturing and trade sales, current dollars	973	38	76	1/82	48
Total, percent of GNP	235	47	83	10/82	50	Manufacturing and trade sales, D1	77	27	68	1/83	28
Personal income—See Income.						Ratio, inventories to sales, mfg. and trade	59	22	65	11/82	31
Personal saving	292	46	82	11/82	58	Retail sales, constant dollars	54	22	65	11/82	31
Personal saving rate	293	46	83	11/82	58	Retail sales, current dollars					
Petroleum and products, imports	614	56	92	1/83	64	Saving					
Plant and equipment—See also Investment, capital.						Business saving	295	46	82	11/82	37
Business expenditures for	61	24	67	6/82	34	Government surplus or deficit	298	46	83	11/82	58
Business expenditures for, D1	970	38	76	6/82	34	Gross saving, private and government	290	46	82	11/82	58
Contracts and orders for, constant dollars	20	12, 23	66	8/82	32	Personal saving	292	46	82	11/82	58
Contracts and orders for, current dollars	10	23	66	8/82	32	Personal saving rate	293	46	83	11/82	58
Population, civilian employment as percent of	90	18	62	3/83	20	Selling prices—See Prices, selling.					
Price indexes						Sensitive prices, change in	92	13, 28	69	3/82	60
Consumer prices—See also International comparisons.						State and local government—See Government.					
All items, index	320	49	84, 95	3/83	59	Stock prices—See also International comparisons.					
All items, percent changes	320c	49, 59	84, 95	3/83	59	500 common stocks	19	13, 28	69	7/82	36
Food, index	322	49	84	3/83	59	500 common stocks, D1	968	37	75	2/82	36
Food, percent changes	322c	49	84	3/83	59	Stocks of materials and supplies on hand and on order	78	27	68	9/82	28
Deflators, NIPA.						Stocks of materials and supplies on hand and on order, change	38	26	68	9/82	28
Fixed weighted, gross business product, index	311	48	84	11/82	58	Surplus—See Government.					
Fixed weighted, gross business product, pct. changes	311c	48	84	11/82	59	T					
Implicit price deflator, GNP, index	310	48	84	11/82	49	Treasury bill rate	114	34	72	2/82	46
Implicit price deflator, GNP, percent changes	310c	48	84	11/82	49	Treasury bond yields	115	34	73	2/82	46
Industrial materials	23	28	69	1/82	36	U					
Industrial materials, components		...	79	...	...	Unemployment					
Industrial materials, D1	967	37	75	1/82	36	Duration of unemployment, average	91	15, 18	62	3/83	20
Labor cost, price per unit of	26	29	70	10/82	...	Help-wanted advertising to unemployment, ratio	60	17	61	3/83	19
Sensitive prices, change in	92	13, 28	69	3/82	60	Initial claims, avg. weekly, unemploy. insurance	5	12, 16	61	2/82	18
Stock prices—See also International comparisons.						Initial claims, avg. weekly, unemploy. insurance, D1	962	36	74	1/82	18
500 common stocks	19	13, 28	69	7/82	36	Layoff rate, manufacturing	3	16	61	8/81	18
500 common stocks, D1	968	37	75	2/82	36	Number unemployed, civilian labor force					
Wholesale prices						Both sexes, 16-19 years of age	446	51	89	3/83	20
All commodities, index	330	48	85	5/82	59	Females, 20 years and over	445	51	89	3/83	20
All commodities, percent change	330c	48	85	5/82	59	Full-time workers	447	51	89	3/83	20
Consumer finished goods, index	334	48	86	6/82	60	Total unemployed	37	18, 51	62, 89	3/83	20
Consumer finished goods, percent changes	334c	48	86	6/82	60	Quit rate, manufacturing	4	16	61	8/81	18
Crude materials, index	331	48	85	5/82	60	Unemployment rates					
Crude materials, percent changes	331c	48	85	5/82	60	15 weeks and over	44	18	62	3/83	20
Intermediate materials, index	332	48	86	6/82	60	Insured, average weekly	45	18	62	3/83	18
Intermediate materials, percent changes	332c	48	86	6/82	60	Total	43	18	62	3/83	20
Producer finished goods, index	333	48	86	6/82	60	Unfilled orders, manufacturers'					
Producer finished goods, percent changes	333c	48	86	6/82	60	Durable goods industries	96	21	64	11/82	26
Price to unit labor cost, nonfarm business	26	29	70	10/82	...	Durable goods industries, change in	25	21	64	9/82	26
Prices, selling						United Kingdom—See International comparisons.					
Manufacturing, D1	976	38	76	1/82	48	V					
Retail trade, D1	978	38	76	1/82	49	Velocity of money					
Wholesale trade, D1	977	38	76	1/82	48	GNP to money supply M1, ratio	107	31	71	8/82	40
Prime contracts, military	526	53	90	4/82	64	Personal income to money supply M2, ratio	108	31	71	8/82	40
Prime rate charged by banks	109	35	73	2/82	46	Vendor performance	32	12, 21	64	2/82	28
Producer finished goods—See Wholesale prices.						W					
Producers' durable equipment, nonresid., GPD	88	25	67	9/82	51	Wages and salaries—See Compensation.					
Production—See Industrial production and GNP.						West Germany—See International comparisons.					
Profitability						Wholesale prices					
Corporate, after taxes, constant dollars	18	28	69	9/82	37	All commodities, index	330	48	85	5/82	59
Corporate, after taxes, current dollars	16	28	69	9/82	37	All commodities, percent changes	330c	48	85	5/82	59
Corporate, after taxes, with IVA and CCA, constant dollar	80	28	69	9/82	37	Consumer finished goods, index	334	48	86	6/82	60
Corporate, after taxes, with IVA and CCA, cur. dol.	79	28	69	9/82	37	Consumer finished goods, percent changes	334c	48	86	6/82	60
Corporate, with IVA and CCA	286	45	82	10/82	37	Crude materials, index	331	48	85	5/82	60
Corporate, with IVA and CCA, pct. of nat'l. income	287	47	83	10/82	37	Crude materials, percent changes	331c	48	85	5/82	60
Manufacturing, D1	972	38	76	1/82	48	Intermediate materials, index	332	48	86	6/82	60
Per dollar of sales, manufacturing	15	29	70	6/82	38	Intermediate materials, percent changes	332c	48	86	6/82	60
Profitability, CI	916	11	60	2/83	15	Producer finished goods, index	333	48	86	6/82	60
Ratio, profits with IVA and CCA to corporate domestic income	22	29	69	9/82	37	Producer finished goods, percent changes	333c	48	86	6/82	60
Proprietors' income with IVA and CCA	81	29	70	9/82	37	Sensitive prices, change in	92	13, 28	69	3/82	60
Proprietors' income with IVA and CCA, pct. of nat'l. inc.	282	45	82	10/82	56	Workweek of production workers, manufacturing, components	1	12, 16	61	7/82	15
Q	283	47	83	10/82	56	Workweek of production workers, manufacturing, D1	961	36	77	7/82	15
R											
Rental income of persons, with CCA	284	45	82	10/82	57						
Rental income of persons, with CCA, percent of national income	285	47	83	10/82	57						

NOTE: CI, composite index; DI, diffusion index; GPD, gross private domestic investment; NIPA, national income and product accounts.

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TITLES AND SOURCES OF SERIES

Series are listed below according to the sections of this report in which they appear. Series numbers are for identification only and do not reflect relationships or order among the series. "M" following a series title indicates monthly data; "Q" indicates quarterly data. Data apply to the whole period except when indicated by "EOM" (end of month) or "EOQ" (end of quarter).

To save space, the commonly used sources listed below are referred to by number:

Source 1—U.S. Department of Commerce, Bureau of Economic Analysis; Source 2—U.S. Department of Commerce, Bureau of the Census; Source 3—U.S. Department of Labor, Bureau of Labor Statistics; Source 4—Board of Governors of the Federal Reserve System.

Following the source for each series is an indication of the pages on which that series appears. The "Series Finding Guide" also lists chart and table page numbers for each series.

I-A. Composite Indexes

910. Composite index of twelve leading indicators (includes series 1, 5, 8, 12, 19, 20, 29, 32, 36, 99, 106, 111) (M).—Source 1 (10,39,60)
913. Composite index of marginal employment adjustments (includes series 1, 2, 3, 5) (M).—Source 1 (11,60)
914. Composite index of capital investment commitments (includes series 12, 20, 29) (M).—Source 1 (11,60)
915. Composite index of inventory investment and purchasing (includes series 8, 32, 36, 99) (M).—Source 1 (11,60)
916. Composite index of profitability (includes series 19, 26, 80) (M).—Source 1 (11,60)
917. Composite index of money and financial flows (includes series 104, 106, 111) (M).—Source 1 (11,60)
920. Composite index of four roughly coincident indicators (includes series 41, 47, 51, 57) (M).—Source 1 (10,39,60)
930. Composite index of six lagging indicators (includes series 62, 77, 91, 95, 101, 109) (M).—Source 1 (10,39,60)
940. Ratio, coincident composite index (series 920) to lagging composite index (series 930) (M).—Source 1 (11,60)

I-B. Cyclical Indicators

1. Average workweek of production workers, manufacturing (M).—Source 3 (12,16,61,77)
2. Accession rate, manufacturing (M).—Source 3 (16,61)
3. Layoff rate, manufacturing (M).—Source 3 (16,61)
4. Quit rate, manufacturing (M).—Source 3 (16,61)
5. Average weekly initial claims for unemployment insurance, State programs (M).—U.S. Department of Labor, Employment and Training Administration; seasonal adjustment by Bureau of Economic Analysis (12,16,61)
6. Value of manufacturers' new orders, durable goods industries, in current dollars (M).—Source 2 (21,64,77)
7. Value of manufacturers' new orders, durable goods industries, in 1972 dollars (M).—Sources 1, 2, and 3 (21,64)
8. Value of manufacturers' new orders for consumer goods and materials in 1972 dollars (M).—Sources 1, 2, and 3 (12,21,64)
9. Construction contracts awarded for commercial and industrial buildings, floor space (M).—McGraw-Hill Information Systems Company; seasonal adjustment by

Bureau of Economic Analysis (Used by permission. This series may not be reproduced without written permission from the source.) (23,66)

10. Contracts and orders for plant and equipment in current dollars (M).—Source 2 and McGraw-Hill Information Systems Company; seasonal adjustment by Bureau of the Census and Bureau of Economic Analysis (23,66)
11. Newly approved capital appropriations, 1,000 manufacturing corporations (Q).—The Conference Board (24,66)
12. Index of net business formation (M).—Source 1; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Research, Inc. (12,23,65)
13. Number of new business incorporations (M).—Dun & Bradstreet, Inc.; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Research, Inc. (23,65)
14. Current liabilities of business failures (M).—Dun & Bradstreet, Inc. (33,72)
15. Profits (after taxes) per dollar of sales, all manufacturing corporations (Q).—Federal Trade Commission; seasonal adjustment by Bureau of Economic Analysis (29,70)
16. Corporate profits after taxes in current dollars (Q).—Source 1 (28,69)
18. Corporate profits after taxes in 1972 dollars (Q).—Source 1 (28,69)
19. Index of stock prices, 500 common stocks (M).—Standard & Poor's Corporation (13,28,59,69,96)
20. Contracts and orders for plant and equipment in 1972 dollars (M).—Sources 1, 2, 3, and McGraw-Hill Information Systems Company (12,23,66)
21. Average weekly overtime hours of production workers, manufacturing (M).—Source 3 (16,61)
22. Ratio of profits (after taxes) to total corporate domestic income (Q).—Source 1 (29,69)
23. Index of spot market prices, raw industrial materials (M).—Source 3 and Commodity Research Bureau, Inc. (Used by permission. Beginning with June 1981, this series may not be reproduced without written permission from Commodity Research Bureau, Inc.) (28,69,79)
24. Value of manufacturer's new orders, capital goods industries, nondefense, in current dollars (M).—Source 2 (23,66)
25. Change in manufacturers' unfilled orders, durable goods industries (M).—Source 2 (21,64)
26. Ratio, implicit price deflator to unit labor cost, nonfarm business sector (Q).—Sources 1 and 3 (29,70)
27. Value of manufacturers' new orders, capital goods industries, nondefense, in 1972 dollars (M).—Sources 1, 2, and 3 (23,66)
28. New private housing units started, total (M).—Source 2 (25,67)
29. Index of new private housing units authorized by local building permits (M).—Source 2 (13,25,67)
30. Gross private domestic investment, change in business inventories, all industries, in 1972 dollars (Q).—Source 1 (26,42,68,81)
31. Change in book value of manufacturing and trade inventories, total (M).—Sources 1 and 2 (26,68)
32. Vendor performance, percent of companies receiving slower deliveries (M).—Purchasing Management Association of Chicago (12,21,64)
33. Net change in mortgage debt held by financial institutions and life insurance companies (M).—American Council of Life Insurance; Federal National Mortgage Association; U.S. Department of Housing and Urban Development, Government National Mortgage Association; National Association of Mutual Savings Banks; U.S. Savings and Loan League; and source 4; seasonal adjustment by Bureau of Economic Analysis (32,71)
34. Net cash flow, corporate, in current dollars (Q).—Source 1 (29,70)
35. Net cash flow, corporate, in 1972 dollars (Q).—Source 1 (29,70)
36. Net change in inventories on hand and on order in 1972 dollars (smoothed) (M).—Sources 1, 2, and 3 (13,26,68)
37. Number of persons unemployed, labor force survey (M).—Sources 2 and 3 (18,51,62,89)
38. Change in stocks of materials and supplies on hand and on order, manufacturing (M).—Source 2 (26,68)
39. Percent of consumer installment loans delinquent 30 days and over (EOM).—American Bankers Association (33,72)
40. Number of employees in nonagricultural goods-producing industries—mining, manufacturing, and construction (M).—Source 3 (17,62)
41. Number of employees on nonagricultural payrolls, establishment survey (M).—Source 3 (14,17,62)
42. Number of persons engaged in nonagricultural activities, labor force survey (M).—Sources 2 and 3 (17,62)
43. Unemployment rate, total (M).—Sources 2 and 3 (18,62)
44. Unemployment rate, persons unemployed 15 weeks and over (M).—Sources 2 and 3 (18,62)
45. Average weekly insured unemployment rate, State programs (M).—U.S. Department of Labor, Employment and Training Administration (18,62)
46. Index of help-wanted advertising in newspapers (M).—The Conference Board (17,61)
47. Index of industrial production, total (M).—Source 4 (14,20,39,58,63,78,94)
48. Employee-hours in nonagricultural establishments (M).—Source 3 (17,39,61)
49. Value of goods output in 1972 dollars (Q).—Source 1 (20,63)
50. Gross national product in 1972 dollars (Q).—Source 1 (19,39,40,63,80)
51. Personal income, less transfer payments, in 1972 dollars (M).—Source 1 (14,19,39,63)
52. Personal income, total, in 1972 dollars (M).—Source 1 (19,63)
53. Wage and salary income in mining, manufacturing, and construction in 1972 dollars (M).—Sources 1 and 3 (19,63)
54. Sales of retail stores in current dollars (M).—Source 2 (22,65)
55. Personal consumption expenditures, automobiles (Q).—Source 1 (22,65)
56. Manufacturing and trade sales in current dollars (M).—Sources 1 and 2 (22,65)
57. Manufacturing and trade sales in 1972 dollars (M).—Sources 1, 2, and 3 (14,22,65)
58. Index of consumer sentiment (Q,M).—University of Michigan, Survey Research Center (22,65)
59. Sales of retail stores in 1972 dollars (M).—Sources 1, 2, and 3 (22,65)

TITLES AND SOURCES OF SERIES—Continued

60. Ratio, help-wanted advertising in newspapers (series 46) to number of persons unemployed (series 37) (M).—Sources 1, 2, 3, and The Conference Board	(17,61)	84. Rate of capacity utilization, materials (Q).—Source 4	(20,64)	119. Federal funds rate (M).—Source 4	(34,72)
61. Business expenditures for new plant and equipment, total (Q).—Source 1	(24,67)	85. Change in money supply M1 (M).—Source 4	(31,71)	1-C. Diffusion Indexes	
62. Index of labor cost per unit of output, total manufacturing—ratio, index of compensation of employees in manufacturing (sum of wages, salaries, and supplements to wages and salaries) to index of industrial production, manufacturing (M).—Sources 1 and 4	(15,30,70)	86. Gross private domestic fixed investment, total nonresidential, in 1972 dollars (Q).—Source 1 (25,67)		950. Diffusion index of twelve leading indicator components (M).—Source 1	(36,74)
63. Index of unit labor cost, private business sector (Q).—Source 3	(30,70)	87. Gross private domestic fixed investment, nonresidential structures, in 1972 dollars (Q).—Source 1 (25,67)		951. Diffusion index of four roughly coincident indicator components (M).—Source 1	(36,74)
64. Compensation of employees as a percent of national income (Q).—Source 1	(30,47,70,83)	88. Gross private domestic fixed investment, nonresidential producers' durable equipment, in 1972 dollars (Q).—Source 1 (25,67)		952. Diffusion index of six lagging indicator components (M).—Source 1	(36,74)
65. Manufacturers' inventories of finished goods, book value, all manufacturing industries (EOM).—Source 2	(27,68)	89. Gross private domestic fixed investment, total residential, in 1972 dollars (Q).—Source 1 (25,67)		960. Diffusion index of net profits, manufacturing—about 600 companies (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)	(35,75)
66. Consumer installment credit (EOM).—Source 4; FRB seasonally adjusted net change added to seasonally adjusted figure for previous month to obtain current figure	(35,73)	90. Ratio, civilian employment to total population of working age (M).—Sources 1, 2, and 3	(18,62)	961. Diffusion index of average workweek of production workers, manufacturing—20 industries (M).—Sources 1 and 3	(36,74,77)
67. Bank rates on short-term business loans (Q).—Source 4	(35,73)	91. Average (mean) duration of unemployment in weeks (M).—Sources 2 and 3	(15,18,62)	962. Diffusion index of initial claims for unemployment insurance, State programs—51 areas (M).—Source 1 and U.S. Department of Labor, Employment and Training Administration; seasonal adjustment by Bureau of Economic Analysis	(36,74)
68. Labor cost (current dollars) per unit of gross domestic product (1972 dollars), nonfinancial corporations—ratio of current-dollar compensation of employees to real gross corporate product (Q).—Source 1	(30,70)	93. Free reserves (member banks excess reserves minus borrowings) (M).—Source 4	(33,72)	963. Diffusion index of number of employees on private nonagricultural payrolls—172-186 industries (M).—Source 3	(36,74)
69. Manufacturers' machinery and equipment sales and business construction expenditures (industrial and commercial construction put in place) (M).—Source 2	(24,67)	94. Member bank borrowings from the Federal Reserve (M).—Source 4	(33,72)	964. Diffusion index of value of manufacturers' new orders, durable goods industries—34-35 industries (M).—Sources 1 and 2	(37,75,77)
70. Manufacturing and trade inventories in 1972 dollars (EOM).—Sources 1, 2, and 3	(27,68)	95. Ratio, consumer installment credit to personal income (EOM).—Sources 1 and 4	(15,35,73)	965. Diffusion index of newly approved capital appropriations, deflated—17 manufacturing industries (Q).—The Conference Board	(37,75)
71. Manufacturing and trade inventories, total book value, in current dollars (EOM).—Sources 1 and 2	(27,68)	96. Manufacturers' unfilled orders, durable goods industries (EOM).—Source 2	(21,64)	966. Diffusion index of industrial production—24 industries (M).—Sources 1 and 4	(37,75,78)
72. Commercial and industrial loans outstanding, weekly reporting large commercial banks (M).—Source 4; seasonal adjustment by Bureau of Economic Analysis	(35,73)	97. Backlog of capital appropriations, 1,000 manufacturing corporations (EOQ).—The Conference Board	(24,66)	967. Diffusion index of spot market prices, raw industrials—13 industrial materials (M).—Sources 1, 3, and Commodity Research Bureau, Inc.	(35,75,79)
73. Index of industrial production, durable manufactures (M).—Source 4	(20,63)	102. Change in money supply M2 (M).—Source 4	(31,71)	968. Diffusion index of stock prices, 500 common stocks—52-82 industries (M).—Standard & Poor's Corporation	(37,75)
74. Index of industrial production, nondurable manufactures (M).—Source 4	(20,63)	104. Change in total liquid assets (smoothed) (M).—Sources 1 and 4	(31,71)	970. Diffusion index of business expenditures for new plant and equipment, total—22 industries (Q).—Source 1	(38,76)
75. Index of industrial production, consumer goods (M).—Source 4	(22,65)	105. Money supply M1 in 1972 dollars (M).—Sources 1, 3, and 4	(31,71)	971. Diffusion index of new orders, manufacturing—about 600 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)	(38,76)
76. Index of industrial production, business equipment (M).—Source 4	(24,67)	106. Money supply M2 in 1972 dollars (M).—Sources 1, 3, and 4	(13,31,71)	972. Diffusion index of net profits, manufacturing and trade—about 1,400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)	(38,76)
77. Ratio, constant-dollar inventories (series 70) to sales (series 57), manufacturing and trade, total (EOM).—Sources 1, 2, and 3	(15,27,68)	107. Ratio, gross national product to money supply M1 (Q).—Sources 1 and 4	(31,71)	973. Diffusion index of net sales, manufacturing and trade—about 1,400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)	(38,76)
78. Stocks of materials and supplies on hand and on order, manufacturing (EOM).—Source 2	(27,68)	108. Ratio, personal income to money supply M2 (M).—Sources 1 and 4	(31,71)	974. Diffusion index of number of employees, manufacturing and trade—about 1,400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)	(38,76)
79. Corporate profits after taxes with inventory valuation and capital consumption adjustments in current dollars (Q).—Source 1	(28,69)	109. Average prime rate charged by banks (M).—Source 4	(35,73)	975. Diffusion index of level of inventories, manufacturing and trade—about 1,400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)	(38,76)
80. Corporate profits after taxes with inventory valuation and capital consumption adjustments in 1972 dollars (Q).—Source 1	(28,69)	110. Total funds raised by private nonfinancial borrowers in credit markets (Q).—Source 4	(32,72)	976. Diffusion index of selling prices, manufacturing—about 600 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.)	(38,76)
81. Ratio of profits (after taxes) with inventory valuation and capital consumption adjustments to total corporate domestic income (Q).—Source 1	(29,70)	112. Net change in bank loans to businesses (M).—Source 4; seasonal adjustment by Bureau of Economic Analysis	(32,72)		
82. Rate of capacity utilization, manufacturing (Q).—Source 4	(20,64)	113. Net change in consumer installment credit (M).—Source 4	(32,72)		
83. Rate of capacity utilization, manufacturing (EOQ).—Source 1	(20,64)	114. Discount rate on new issues of 91-day Treasury bills (M).—Source 4	(34,72)		
		115. Yield on long-term Treasury bonds (M).—U.S. Department of the Treasury	(34,73)		
		116. Yield on new issues of high-grade corporate bonds (M).—Citibank and U.S. Department of the Treasury	(34,73)		
		117. Yield on municipal bonds, 20-bond average (M).—The Bond Buyer	(34,73)		
		118. Secondary market yields on FHA mortgages (M).—U.S. Department of Housing and Urban Development, Federal Housing Administration	(34,73)		

TITLES AND SOURCES OF SERIES— Continued

977. Diffusion index of selling prices, wholesale trade—about 400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)

978. Diffusion index of selling prices, retail trade—about 400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)

II-A. National Income and Product

30. Gross private domestic investment, change in business inventories, all industries, in 1972 dollars (Q).—Source 1 (26, 42, 68, 81)

50. Gross national product in 1972 dollars (Q).—Source 1 (19,39,40,63,80)

64. Compensation of employees as a percent of national income (Q).—Source 1 (30,47,70,83)

200. Gross national product in current dollars (Q).—Source 1 (40,80)

213. Final sales (series 50 minus series 30) in 1972 dollars (Q).—Source 1 (40,80)

217. Per capita gross national product in 1972 dollars (Q).—Sources 1 and 2 (40,80)

220. National income in current dollars (Q).—Source 1 (45,82)

223. Personal income in current dollars (M).—Source 1 (40,63)

224. Disposable personal income in current dollars (Q).—Source 1 (40,80)

225. Disposable personal income in 1972 dollars (Q).—Source 1 (40,80)

227. Per capita disposable personal income in 1972 dollars (Q).—Sources 1 and 2 (40,80)

230. Personal consumption expenditures, total, in current dollars (Q).—Source 1 (41,80)

231. Personal consumption expenditures, total, in 1972 dollars (Q).—Source 1 (41,80)

232. Personal consumption expenditures, durable goods, in current dollars (Q).—Source 1 (41,80)

233. Personal consumption expenditures, durable goods, in 1972 dollars (Q).—Source 1 (41,80)

235. Personal consumption expenditures, total, as a percent of gross national product (Q).—Source 1 (47,83)

236. Personal consumption expenditures, nondurable goods, in current dollars (Q).—Source 1 (41,81)

237. Personal consumption expenditures, services, in current dollars (Q).—Source 1 (41,81)

238. Personal consumption expenditures, nondurable goods, in 1972 dollars (Q).—Source 1 (41,81)

239. Personal consumption expenditures, services, in 1972 dollars (Q).—Source 1 (41,81)

240. Gross private domestic investment, total, in current dollars (Q).—Source 1 (42,81)

241. Gross private domestic investment, total, in 1972 dollars (Q).—Source 1 (42,81)

242. Gross private domestic fixed investment, total, in current dollars (Q).—Source 1 (42,81)

243. Gross private domestic fixed investment, total, in 1972 dollars (Q).—Source 1 (42,81)

245. Gross private domestic investment, change in business inventories, all industries, in current dollars (Q).—Source 1 (42,81)

247. Gross private domestic investment, change in business inventories, all industries, as a percent of gross national product (Q).—Source 1 (47,83)

248. Gross private domestic fixed investment, nonresidential, as a percent of gross national product (Q).—Source 1 (47,83)

249. Gross private domestic fixed investment, residential, as a percent of gross national product (Q).—Source 1 (47,83)

250. Net exports of goods and services in current dollars; national income and product accounts (Q).—Source 1 (44,82)

251. Net exports of goods and services as a percent of gross national product (Q).—Source 1 (47,83)

252. Exports of goods and services in current dollars; national income and product accounts (Q).—Source 1 (44,82)

253. Imports of goods and services in current dollars; national income and product accounts (Q).—Source 1 (44,82)

255. Net exports of goods and services in 1972 dollars; national income and product accounts (Q).—Source 1 (44,82)

256. Exports of goods and services in 1972 dollars; national income and product accounts (Q).—Source 1 (44,82)

257. Imports of goods and services in 1972 dollars; national income and product accounts (Q).—Source 1 (44,82)

260. Government purchases of goods and services, total, in current dollars (Q).—Source 1 (43,81)

261. Government purchases of goods and services, total, in 1972 dollars (Q).—Source 1 (43,81)

262. Federal Government purchases of goods and services in current dollars (Q).—Source 1 (43,81)

263. Federal Government purchases of goods and services in 1972 dollars (Q).—Source 1 (43,81)

265. Federal Government purchases of goods and services as a percent of gross national product (Q).—Source 1 (47,83)

266. State and local government purchases of goods and services in current dollars (Q).—Source 1 (43,81)

267. State and local government purchases of goods and services in 1972 dollars (Q).—Source 1 (43,81)

268. State and local government purchases of goods and services as a percent of gross national product (Q).—Source 1 (47,83)

280. Compensation of employees (Q).—Source 1 (45,82)

282. Proprietors' income with inventory valuation and capital consumption adjustments (Q).—Source 1 (45,82)

283. Proprietors' income with inventory valuation and capital consumption adjustments as a percent of national income (Q).—Source 1 (47,83)

284. Rental income of persons with capital consumption adjustment (Q).—Source 1 (45,82)

285. Rental income of persons with capital consumption adjustment as a percent of national income (Q).—Source 1 (47,83)

286. Corporate profits with inventory valuation and capital consumption adjustments (Q).—Source 1 (47,82)

287. Corporate profits with inventory valuation and capital consumption adjustments as a percent of national income (Q).—Source 1 (47,83)

288. Net interest (Q).—Source 1 (45,82)

289. Net interest as a percent of national income (Q).—Source 1 (47,83)

290. Gross saving—private saving plus government surplus or deficit (Q).—Source 1 (46,82)

292. Personal saving (Q).—Source 1 (46,82)

293. Personal saving rate—personal saving as a percent of disposable personal income (Q).—Source 1 (46,83)

295. Business saving—undistributed corporate profits plus capital consumption allowances with inventory valuation and capital consumption adjustments (Q).—Source 1 (46,82)

298. Government surplus or deficit, total (Q).—Source 1 (46,83)

II-B. Prices, Wages, and Productivity

310. Implicit price deflator, gross national product (Q).—Source 1 (48,84)

311. Fixed-weighted price index, gross business product (Q).—Source 1 (48,84)

320. Index of consumer prices, all items (M).—Source 3 (49,59,84,95)

322. Index of consumer prices, food (M).—Source 3 (49,84)

330. Index of producer prices, all commodities (M).—Source 3 (48,85)

331. Index of producer prices, crude materials for further processing (M).—Source 3 (48,85)

332. Index of producer prices, intermediate materials, supplies, and components (M).—Source 3 (48,86)

333. Index of producer prices, capital equipment (M).—Source 3 (48,86)

334. Index of producer prices, finished consumer goods (M).—Source 3 (48,86)

335. Index of producer prices, industrial commodities (M).—Source 3 (48,85)

340. Index of average hourly earnings of production workers, private nonfarm economy—adjusted for overtime (in manufacturing only), interindustry employment shifts, and seasonality (M).—Source 3 (49,87)

341. Index of real average hourly earnings of production workers, private nonfarm economy—adjusted for overtime (in manufacturing only), interindustry employment shifts, and seasonality (M).—Source 3 (49,87)

345. Index of average hourly compensation, all employees, nonfarm business sector (Q).—Source 3 (49,87)

346. Index of real average hourly compensation, all employees, nonfarm business sector (Q).—Source 3 (49,88)

348. Negotiated wage and benefit decisions, all industries—first year average (mean) changes (Q).—Source 3 (50,88)

349. Negotiated wage and benefit decisions, all industries—average (mean) changes over life of contract (Q).—Source 3 (50,88)

358. Index of output per hour, all persons, nonfarm business sector (Q).—Source 3 (49,88)

370. Index of output per hour, all persons, private business sector (Q).—Source 3 (49,88)

II-C. Labor Force, Employment, and Unemployment

37. Number of persons unemployed, labor force survey (M).—Sources 2 and 3 (18,51,62,89)

441. Total civilian labor force, labor force survey (M).—Sources 2 and 3 (51,89)

442. Total civilian employment, labor force survey (M).—Sources 2 and 3 (51,89)

444. Number unemployed, males 20 years and over, labor force survey (M).—Sources 2 and 3 (51,89)

TITLES AND SOURCES OF SERIES— Continued

445. Number unemployed, females 20 years and over, labor force survey (M).—Sources 2 and 3 (51,89)

446. Number unemployed, both sexes 16-19 years of age, labor force survey (M).—Sources 2 and 3 (51,89)

447. Number unemployed, full-time workers, labor force survey (M).—Sources 2 and 3 (51,89)

448. Number employed, part-time workers for economic reasons, labor force survey (M).—Sources 2 and 3 (51,89)

451. Civilian labor force participation rate, males 20 years and over (M).—Sources 2 and 3 (51,89)

452. Civilian labor force participation rate, females 20 years and over (M).—Sources 2 and 3 (51,89)

453. Civilian labor force participation rate, both sexes 16-19 years of age (M).—Sources 2 and 3 (51,89)

II-D. Government Activities

500. Federal Government surplus or deficit; national income and product accounts (Q).—Source 1 (52,90)

501. Federal Government receipts; national income and product accounts (Q).—Source 1 (52,90)

502. Federal Government expenditures; national income and product accounts (Q).—Source 1 (52,90)

510. State and local government surplus or deficit; national income and product accounts (Q).—Source 1 (52,90)

511. State and local government receipts; national income and product accounts (Q).—Source 1 (52,90)

512. State and local government expenditures; national income and product accounts (Q).—Source 1 (52,90)

517. Defense Department gross obligations incurred (M).—U.S. Department of Defense, OSD, Comptroller, Directorate for Program and Financial Control; seasonal adjustment by Bureau of Economic Analysis (53,90)

525. Defense Department military prime contract awards for work performed in the United States (M).—U.S. Department of Defense, OSD, Comptroller, Washington Headquarters Services; seasonal adjustment by Bureau of Economic Analysis (53,90)

543. Defense Department gross unpaid obligations outstanding (EOM).—U.S. Department of Defense, OSD, Comptroller, Directorate for Program and Financial Control; seasonal adjustment by Bureau of Economic Analysis (53,90)

548. Value of manufacturers' new orders, defense products (M).—Source 2 (53,90)

557. Output of defense and space equipment (M).—Source 4 (54,91)

559. Value of manufacturers' inventories, defense products (EOM).—Source 2 (54,91)

561. Value of manufacturers' unfilled orders, defense products (EOM).—Source 2 (54,91)

564. Federal Government purchases of goods and services for national defense (Q).—Source 1 (55,91)

565. National defense purchases as a percent of gross national product (Q).—Source 1 (55,91)

570. Employment in defense products industries (M).—Source 3; seasonal adjustment by Bureau of Economic Analysis (55,91)

577. Defense Department personnel, military, active duty (EOM).—U.S. Department of Defense, OSD, Comptroller, Washington Headquarters Services (55,91)

578. Defense Department personnel, civilian, direct hire employment (EOM).—U.S. Department of Defense, OSD, Comptroller, Washington Headquarters Services (55,91)

580. Defense Department net outlays, military functions and military assistance (M).—U.S. Department of Defense, OSD, Comptroller, Directorate for Program and Financial Control; seasonal adjustment by Bureau of Economic Analysis (54,91)

588. Value of manufacturers' shipments, defense products (M).—Source 2 (54,91)

II-E. U.S. International Transactions

602. Exports, excluding military aid shipments, total (M).—Source 2 (56,92)

604. Exports of agricultural products (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (56,92)

606. Exports of nonelectrical machinery (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (56,92)

612. General imports, total (M).—Source 2 (56,92)

614. Imports of petroleum and petroleum products (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (56,92)

616. Imports of automobiles and parts (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (56,92)

618. Merchandise exports, adjusted, excluding military grants (Q).—Source 1 (57,93)

620. Merchandise imports, adjusted, excluding military (Q).—Source 1 (57,93)

622. Balance on merchandise trade (Q).—Source 1 (57,93)

651. Income on U.S. investments abroad (Q).—Source 1 (57,93)

652. Income on foreign investments in the United States (Q).—Source 1 (57,93)

667. Balance on goods and services (Q).—Source 1 (57,93)

668. Exports of goods and services, excluding transfers under U.S. military grants (Q).—Source 1 (57,93)

669. Imports of goods and services, total (Q).—Source 1 (57,93)

II-F. International Comparisons

19. United States, index of stock prices, 500 common stocks (M).—Standard & Poor's Corporation (13,28,59,69,96)

47. United States, index of industrial production, total (M).—Source 4 (14,20,39,58,63,78,94)

320. United States, index of consumer prices, all items (M).—Source 3 (48,59,84,95)

721. Organization for Economic Cooperation and Development, European countries, index of industrial production (M).—Organization for Economic Cooperation and Development (Paris) (58,94)

722. United Kingdom, index of industrial production (M).—Central Statistical Office (London) (58,94)

723. Canada, index of industrial production (M).—Statistics Canada (Ottawa) (58,94)

725. West Germany, index of industrial production (M).—Deutsche Bundesbank (Frankfurt) (58,94)

726. France, index of industrial production (M).—Institut National de la Statistique et des Etudes Economiques (Paris) (58,94)

727. Italy, index of industrial production (M).—Istituto Centrale di Statistica (Rome) (58,94)

728. Japan, index of industrial production (M).—Ministry of International Trade and Industry (Tokyo) (58,94)

732. United Kingdom, index of consumer prices (M).—Ministry of Labour (London); percent changes seasonally adjusted by Bureau of Economic Analysis (59,95)

733. Canada, index of consumer prices (M).—Statistics Canada (Ottawa); percent changes seasonally adjusted by Bureau of Economic Analysis (59,96)

735. West Germany, index of consumer prices (M).—Statistisches Bundesamt (Wiesbaden); percent changes seasonally adjusted by Bureau of Economic Analysis (59,95)

736. France, index of consumer prices (M).—Institut National de la Statistique et des Etudes Economiques (Paris); percent changes seasonally adjusted by Bureau of Economic Analysis (59,95)

737. Italy, index of consumer prices (M).—Istituto Centrale di Statistica (Rome); percent changes seasonally adjusted by Bureau of Economic Analysis (59,96)

738. Japan, index of consumer prices (M).—Office of the Prime Minister (Tokyo); percent changes seasonally adjusted by Bureau of Economic Analysis (59,95)

742. United Kingdom, index of stock prices (M).—The Financial Times (London) (59,96)

743. Canada, index of stock prices (M).—Statistics Canada (Ottawa) (59,96)

745. West Germany, index of stock prices (M).—Statistisches Bundesamt (Wiesbaden) (59,96)

746. France, index of stock prices (M).—Institut National de la Statistique et des Etudes Economiques (Paris) (59,96)

747. Italy, index of stock prices (M).—Istituto Centrale di Statistica (Rome) (59,96)

748. Japan, index of stock prices (M).—Tokyo Stock Exchange (Tokyo) (59,96)

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