REFERENCE COPY

STATISTICAL AUGZI 9 50 AM '62 ABSTRACT offathe United States

1962

83d Annual Edition

Prepared under the direction of EDWIN D. GOLDFIELD Chief, Statistical Reports Division



Bureau of the Census Library

U.S. DEPARTMENT OF COMMERCE Luther H. Hodges, Secretary

BUREAU OF THE CENSUS Richard M. Scammon, Director

U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

RICHARD M. SCAMMON, Director

A. Ross Eckler, Deputy Director

Howard C. Grieves, Assistant Director

Conrad Taeuber, Assistant Director

Morris H. Hansen, Assistant Director for Research and Development

Charles B. Lawrence, Jr., Assistant Director for Operations

Walter L. Kehres, Assistant Director for Administration

Calvert L. Dedrick, Chief, International Statistical Programs Office

A. W. von Struve, Public Information Officer

ACKNOWLEDGMENTS

The Statistical Abstract of the United States was prepared under the direction of Edwin D. Goldfield, Chief, Statistical Reports Division. Compilation was under the supervision of William Lerner, Assistant Chief, assisted by Dorothy M. Belzer for editorial supervision and Helen E. Teir for planning and review.

The cooperation of the many contributors to this volume is gratefully acknowledged. The list of sources of tables (pp. 989-992) and the source note below each table credit the various government and private agencies which have collaborated in furnishing information for the *Statistical Abstract*.

JULY 1962.

Library of Congress Card No. 4-18089

SUGGESTED CITATION

U.S. Bureau of the Census, Statistical Abstract of the United States: 1962. (Eighty-third edition.) Washington, D.C., 1962.

PREFACE

The Statistical Abstract of the United States, published annually since 1878, is the standard summary of statistics on the social, political, and economic organization of the United States. It is designed to serve as a convenient volume for statistical reference and as a guide to other statistical publications and sources. The latter function is served by the introductory text to each section, the source notes appearing below each table, the Guide to Sources (page 947), and a new feature, Guide to State Statistical Abstracts (page 986). The new Guide is intended for persons who need more detailed information for individual States than can be included in the national Abstract.

This volume includes a selection of data from many statistical publications, both governmental and private. The publications cited as sources usually contain additional statistical detail and a more complete discussion of definitions and concepts than can be presented here. Where contributing agencies are cited as sources, without mention of publications, more detailed information frequently is available from their unpublished tabulations and records.

Although emphasis in the *Statistical Abstract* is given primarily to national data, many tables present data for regions and individual States. Statistics for outlying areas of the United States are included in the State tables whenever available and supplemented by specialized information for those areas in section 32. Statistics for cities or other relatively small geographic units appear only in a few instances.

Wherever possible, statistics shown for the United States represent the 50 States and the District of Columbia. Figures for Alaska and Hawaii, whenever available, are presented separately in State tables and are also included in United States summary tables. Statements specifying inclusion or exclusion of the figures for Alaska and Hawaii appear in the headnotes to each table unless the inclusion or exclusion is self-evident.

Changes in the 1962 edition.—This edition, the 83d annual issue, presents data for the most recent year or period available during the early part of 1962.

Each year, in addition to the bringing up to date of the over 1,300 tables and charts included, new tables of current interest are introduced. Data that are less timely are eliminated and format and text changes are made where considered advisable.

A more comprehensive selection of statistics from the 1960 Census of Population is presented in this issue than was possible in the previous edition. In addition, final data from the 1959 Census of Agriculture have replaced preliminary figures published in the previous edition. Also, more of the data from the 1958 Census of Manufactures have been adjusted to include Alaska and Hawaii.

The tables on agriculture which were formerly divided into three sections have been reorganized and now appear as two sections. The former section, "Irrigation and Drainage," has been combined with the former section, "Agriculture—General Statistics," under the title "Agriculture—Farms, Land, and Finances." The second section on agriculture is now entitled "Agriculture—Production, Marketing, and Trade." A slighter change has affected the former "Power and Scientific Development" section which is now entitled "Power; Research and Development."

A total of 62 tables are new in this edition as compared with the 1961 edition. Some of these tables were included in earlier editions but were temporarily omitted until this year, pending the availability of more recent data. Certain others represent major rearrangement of subject matter. A third group contains data never presented before in the *Abstract*.

A large number of the new tables concern population characteristics and public welfare subjects, presented in various sections of the Abstract. Nine new tables were added to the population section alone, as more details became available from further analysis of the 1960 Census returns. Five new tables were added to the Vital Statistics section from such varied sources as the Public Health Service, the American Hospital Association, the Department of Agriculture, and the Bureau of the Census. Ten tables, primarily from the Office of Education, the National Education Association, and the Bureau of the Census were added to the Education section. Other subjects for which new tables are included concern air pollution, recreational activities, insurance coverage, labor unions, and assets and income of families and individuals. Statistical coverage of scientific activities was also considerably increased by the addition of seven new tables to the Power; Research and Development section, including four from the National Science Foundation and two from the National Aeronautics and Space Administration.

Following is a list of some of the subjects covered by the new tables:

Characteristics of the nonwhite population (p. 35)

- Population mobility and migration, by States (pp. 39-40)
- Live births, by sex and by attendant (pp. 53, 56)
- Children born to women 35 to 44 years old (p. 59)

Hospital expense per patient day (p. 81)

Food donated to needy families (p. 92) Years of school completed (pp. 117, 118) Teachers' salaries (pp. 128-129)

Pupil-teacher ratios (p. 130)

Marital status of students (p. 131)

- College enrollment by educational status of fathers (p. 136)
- Adult education (p. 139)
- Urban and rural arrest rates (p. 152)
- Characteristics of lawyers (p. 157)
- Air pollution (p. 176)
- Participation in recreational activities (p. 207)
- Expenditures of fishermen and hunters (p. 208)

Farm workers covered by Federal old-age, survivors, and disability insurance programs (p. 237)

Union membership (p. 242)

- U.S. defense expenditures abroad (p. 250) Characteristics of veterans in civil life
- (p. 263)
- Financial assets and liabilities of individuals (p. 328)
- Families, by income level (p. 333)
- Unit values of items imported and exported (p. 352)
- Assessed value of property subject to local taxation (p. 429) Interest rates paid by Federal Reserve
- member banks (p. 453)
- Life insurance payments by family income groups (p. 477).
- Employment in atomic energy (p. 541)
- Scientists and engineers (pp. 545–546)

Manned spacecraft (p. 547)

- Acreage treated and materials dispensed by aircraft (p. 628)
- Production and sales of medicinals (p. 793)
- Employment attributable to exports (p. 881)
- Economic development in Western Europe (p. 917)
- Cost of living in various cities of the world (p. 940)

Of the tables included in the 1961 edition, 54 were omitted from this issue. The majority of the omissions represent tables for which comparable details are given in the new or retained tables or for which no recent data are as yet available. The largest number of omissions occurs in the sections on Education, Agriculture, and Power, primarily as a result of rearrangement of the data rather than actual loss of information presented in 1961.

Supplements to the Abstract.—The Statistical Abstract, as an annual one-volume publication, is limited in amount of detail shown. To meet the need for more detailed information for small areas (cities, counties, metropolitan areas, and others) and for more historical data, a series of supplements to the Abstract has been issued.

The County and City Data Book, 1962, is the sixth edition in the County and City Data Book series. It is designed to help satisfy the need for statistical information about the social, economic, and governmental aspects of counties, cities, and other geographic areas. Conveniently assembled are 161 statistical items for each State and county in the United States and 163 items for each of the 676 incorporated cities

Preface

having 25,000 inhabitants or more in 1960. Comparable information is presented for geographic regions and divisions, standard metropolitan statistical areas, urbanized areas, and unincorporated places. Many of the statistics in this volume were obtained from the results of the most recent Censuses of Agriculture, Business, Governments, Housing, Manufactures, Mineral Industries, and Population. Also included are descriptive text, source notes, and maps. This volume is on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D.C., for \$5.25 (clothbound).

The Congressional District Data Book (Districts of the 87th Congress), issued in June 1961, is the first report of its type to be published by the Bureau of the Census. Based primarily on data from the most recent censuses, it presents 135 items on population, housing, and elections for all 437 congressional districts as constituted in 1960; 72 similar items pertaining to nonwhite population for selected districts; and 125 items on economic subjects for the 297 districts whose boundaries follow county lines. This report is available in most large public libraries.

Historical Statistics of the United States, Colonial Times to 1957, is the second edition in the Historical Statistics series. Compiled by the Bureau of the Census with the cooperation of the Social Science Research Council, this volume presents in compact and convenient form more than 8,000 statistical time series (mostly on an annual basis) covering periods from 1610 to 1957. It includes historical data on every major aspect of the Nation's social and economic development. The statistics are accompanied by text notes which specify the sources of the data, include references to other sources, discuss the historical development and reliability of the data, and present definitions of technical terms. Also included is a separate chapter on colonial statistics and a 15-page subject index. This volume is on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D.C., for \$6.00 per copy (clothbound).

Responsibility.—The contents of this volume are taken from a large number of sources (see pp. 989–992). The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. The responsibility for selection of the material and for proper presentation, however, rests with the Bureau.

SUGGESTIONS AND COMMENTS

Many persons have offered suggestions for improving the presentation of the material. These comments have been most helpful and users are urged to continue to make their needs known for consideration in planning future editions. Suggestions and comments should be sent to the Director, Bureau of the Census, Washington 25, D.C.

FOR ADDITIONAL INFORMATION ON DATA PRESENTED

write to the agency indicated in the source note to the table which covers the desired subject.

STATISTICAL ABSTRACT SUPPLEMENTS

- County and City Data Book, 1962. A compact presentation of 161 items of statistical data for each State and county in the United States, and 163 items of statistical data for each of 676 incorporated cities having 25,000 inhabitants or more in 1960. Information comparable to that for counties is also presented for geographic regions and divisions, States, and standard metropolitan statistical areas, urbanized areas, and unincorporated places. Items included based largely on results of most recent Censuses of Agriculture, Business, Governments, Housing, Manufactures, Mineral Industries, and Population. Includes 53 maps, explanatory and definitive text, and source notes. Issued 1962. Price \$5.25 (clothbound).
- Congressional District Data Book (Districts of the 87th Congress). A handy reference consisting of 135 statistical items for all 437 congressional districts as constituted in 1960; 72 items pertaining to nonwhite population for selected districts; and 125 items for the 297 districts whose boundaries follow county lines. Based largely on results of the most recent censuses. Includes text and source notes. 176 pages. Issued 1961. (Out of print.)
- Historical Statistics of the United States, Colonial Times to 1957.Prepared with the cooperation of the Social Science Research Council. A compilation of more than 8,000 statistical time series, largely annual, on American social and economic development covering periods from 1610 to 1957. Includes definitions of terms and descriptive text. Specific source notes provide a basic guide to original published sources for further reference and additional data. Detailed alphabetical subject index. 801 pages. Issued 1960. Price \$6.00 (clothbound).

Purchase orders should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

VI

CONTENTS

	Page
Fig. I. Map of the United States, showing Census divisions and regions	XII
Sec. 1. POPULATION Population estimates—Projections—Geographic distribution—Ur- ban and rural—Sex—Age—Race—Nativity and parentage— Marital status—Mobility status—Migration—Households and families—Institutional population—Religious bodies. Figs. II-IV. Population: Urban and rural trends; Households; Center of population for conterminous United States.	1
Sec. 2. VITAL STATISTICS, HEALTH, AND NUTRITION Births-Reproduction rates-Fertility-Life table values- Deaths-Accidents and injuries-Marriage and divorce-Physi- cians, dentists, and nurses-Health insurance-Medical care expenditures-Hospitals-Mental hospitals and institutions-Mor- bidity-Medical costs for the aged-Nutrition-Federal food programs. Fig. V. Vital statistics rates.	49
Sec. 3. IMMIGRATION AND NATURALIZATION Immigration quotas—Characteristics of immigrants—Displaced persons and refugees—Migratory workers—Resident aliens report- ing—Passports issued—Arrivals and departures—Naturalization. Figs. VI-VII. Immigrants admitted; Displaced persons and refugees admitted.	93
Sec. 4. EDUCATION Public and private schools—Enrollment—Projections—Years of school completed—Educational attainment—Elementary and sec- ondary schools—Institutions of higher education—Degrees con- ferred—Land grant institutions—Adult education—Public library systems—Vocational programs—Federal aid. Fig. VIII. Current expenditure per pupil.	108
Sec. 5. LAW ENFORCEMENT, FEDERAL COURTS, AND PRISONS Major crimes—Crime rates—Arrests—Police employment—Federal courts—Legal profession—Prisoners in Federal and State prisons— Federal and State prison employees—Prisoners executed. Figs. IX-X. Prisoners present in Federal and State prisons; Crimes known to the police.	145
Sec. 6. AREA, GEOGRAPHY, AND CLIMATE Land and water areas—Coastlines—Extreme points—Rivers— Lakes—Altitudes—Tornadoes, floods, and tropical storms—Water use and supply—Air pollution—Elevation of weather stations— Occurrence of freeze—Temperature—Precipitation—Snow and sleet—Sunshine—Wind velocity—Relative humidity—Degree days. Fig. XI. Territorial expansion of the United States.	166
Sec. 7. PUBLIC LANDS; PARKS; AND RECREATION Public domain—Land ownership—Federal real property—Public and Indian lands—Mineral leases—Grazing districts—National parks and forests—State and municipal parks—Public recreation areas—Selected recreational activities—Fishing and hunting— Expenditures for recreation—Domestic and foreign travel.	191

	rage
Sec. 8. LABOR FORCE, EMPLOYMENT, AND EARNINGS Employment status—Labor force projections—Unemployment—	211
Labor force characteristics—Female labor force—Occupation— Multiple jobholders—Output per man-hour—Production workers, hours, and earnings—Supplementary wage benefits—Farm employ-	
ment and wages—Union wage rates—Labor turnover—Industrial injuries—Union membership—Work stoppages.	
Fig. XII. Trends in the labor force.	
Sec. 9. MILITARY SERVICES AND VETERANS AFFAIRS Expenditures for national defense—Military procurement—Military assistance—Civil defense—Military personnel—Coast Guard per- sonnel—Pay rates—War service and casualties—Ships—Aircraft—	246
Selective service—Veterans and veterans benefits. Fig. XIII. Federal expenditures for national defense functions and	
veterans benefits.	
Sec. 10. SOCIAL INSURANCE AND WELFARE SERVICES Social welfare expenditures—Federal grants—Population 65 years old and over—Old-age, survivors, and disability insurance—Pri-	270
vate pension plans—Corporate pension funds—Civil Service retirement—State and local retirement systems—Railroad retire- ment and other benefits—Unemployment insurance—Public em-	
ployment offices—Workmen's compensation—Public assistance— Maternal and child welfare services—Boy Scouts and Girl Scouts— Vocational rehabilitation—Red Cross—Community Chest and	
United Fund—Foundations.	
Fig. XIV. Social welfare expenditures.	
Sec. 11. INCOME, EXPENDITURES, AND WEALTH Gross national product—Income, expenditure, and saving—Na- tional income—Personal income—Flow-of-funds accounts—Personal	308
saving—Assets of individuals—Income of families and individuals— National wealth.	•
Figs. XV-XVI. Gross national product; Number of families by	
family income.	
Sec. 12. PRICES	340
of articles imported and exported—Retail prices and price indexes— Residential rents—Costs of medical service—Costs of fuels and	
electricity. Figs. XVII–XVIII. Wholesale price and consumer price indexes.	
Provide BURCHIONIC	250
Electoral and popular vote for President—Vote for U.S. Senators— Apportionment of U.S. Representatives—Vote for U.S. Represent-	359
atives—Composition of Congress; legislative activity; bills vetoed— Vote for Governors—State legislatures—Elective local officials— Population of voting age.	
Figs. XIX-XX. Popular vote cast for President; Gain or loss of membership in House of Representatives, by States.	
Sec. 14. FEDERAL GOVERNMENT FINANCES AND EMPLOYMENT	375
Receipts and expenditures—Subsidies—Internal revenue—Income tax returns—Gift and estate tax—Public and private debt—Govern- ment securities—Savings bonds—Employment and payrolls.	

Figs. XXI-XXIII. The Government of the United States; Receipts and expenditures of the Federal Government; The Federal budget dollar.

	Page
Sec. 15. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOY- MENT	
Governmental units—Federal aid—Revenue, expenditure, and debt— State and local government finances—Assessed property values— City government finances—Employment and payrolls. Fig. XXIV. Governmental per capita tax revenue, by level of govern- ment.	
Sec. 16. BANKING AND FINANCE Monetary system—Money stock—All banks—Federal Reserve banks—Commercialbanks—Depositinsurance—Bank suspensions— Farm credit—Mortgages—Home loan banks—Savings and loan associations—Credit unions—Consumer credit—Money rates— Stock exchanges—Securities markets—Stock ownership—Insurance. Figs. XXV-XXVI. Commercial bank assets; Stock prices.	
Sec. 17. BUSINESS ENTERPRISE Firms and finances—Consumer cooperatives—Firms by size class— Unincorporated enterprises—Corporations and corporate finances— Expenditures for new plant and equipment—Gross private domestic investment—Sales, inventories, and orders—Mergers and acquisi- tions—Industrial and commercial failures—Bankruptcies. Fig. XXVII. New plant and equipment expenditures.	
Sec. 18. COMMUNICATIONS Postal service—Telephone—Telegraph—Radio and Television— Households with television sets—Newspapers and periodicals— Newsprint consumption—Books and pamphlets—Copyrights. Figs. XXVIII-XXIX. Surplus or deficit in postal revenues and	
obligations; Operating revenues of selected communications media.	
Sec. 19. POWER; RESEARCH AND DEVELOPMENT Supply and consumption of energy—Horsepower of prime movers— Electric energy—Electric utilities—Waterpower—Rural electrifi- cation—Gas utility and pipeline industries—Atomic energy— Scientific research and development—Scientists and engineers— Science doctorate degrees conferred—Patents—Space vehicles.	· · · ·
Sec. 20. ROADS AND MOTOR VEHICLES	
Motor-vehicle sales, exports, scrappage, and taxes—Motor-vehicle travel and registrations—Automobile ownership, financing, and insurance—Motor-vehicle speed and accident deaths. Figs. XXX-XXXI. Motor-vehicle factory sales; Highway construc- tion contracts awarded.	
Sec. 21. TRANSPORTATION, LAND AND AIR Intercity traffic—Railroads: Mileage; equipment; fuel consumed; revenues and expenditures; service; employees; pullman operations; accidents—Transit industry—Motor carriers—Civil aviation: Air carriers; aircraft; airports—Petroleum pipelines. Figs. XXXII-XXXIII. Intercity freight traffic; Operating revenues for selected transport groups.	

IX

Γ.

		Page
Sec. 22.	 WATERWAYS, WATER TRAFFIC, AND SHIPPING Waterborne commerce, foreign and domestic—International transportation transactions—Ocean ports—Great Lakes ports—Rivers, canals, and connecting channels—Panama Canal traffic—Vessels entered and cleared in foreign trade—Expenditures, Corps of Engineers—Merchant marine—Merchant fleets of the world. Figs. XXXIV-XXXV. Waterborne commerce of the United States; Percent of cargo tonnage on American flag vessels in U.S. trade. 	588
Sec. 23.	AGRICULTURE—FARMS, LAND, AND FINANCES Farm population—Number, acreage, and value of farms—Value of products sold—Color and tenure of operators—Farm mortgage— Land utilization—Irrigation—Federal reclamation—Drainage—Soil conservation—Fertilizer use—Aerial application—Balance sheet of agriculture—Off-farm income—Farm income, expenditures, and prices—Price support—Commodity Credit Corporation—Farm-to- retail price spread—Farm-operator level-of-living—Farm labor— Facilities, machinery, and equipment—Taxes and insurance— Cooperatives. Figs. XXXVI-XXXVII. Indexes of prices received and paid by	605
Sec. 24.	Figs. XXXVI-XXXVII. Indects of prices received and paid by farmers; Tractors, motortrucks, and automobiles on farms. AGRICULTURE—PRODUCTION, MARKETING, AND TRADE Indexes of farm output and acreage, land, livestock productivity, marketings, labor—Products exported and imported—Acreage, production, and value of crops—Field crops—Vegetables and fruits— Livestock—Stockyard receipts and shipments—Meats and lard— Dairying—Poultry—Cold-storage holdings—Fats and oils.	641
Sec. 25.	Fig. XXXVIII. Agricultural exports under Government programs. FORESTS AND FOREST PRODUCTS Commercial forest land—Growing stock and live sawtimber— National forests—Tree distribution—Forest fires—Lumber—Tim- ber—Millwork products and paints—Naval stores—Pulpwood and paper—Newsprint—Processed woodpulp and wood products.	683
Sec. 26.	FISHERIES Fishermen and fishing craft—Catch of principal species—Quantity and value of catch—Canned and frozen fishery products—Exports and imports of fishery products.	697
Sec. 27.	MINING AND MINERAL PRODUCTS Quantity and value of mineral production—Prices—Mineral indus- tries summary—Supply—Imports and exports—Strategic and critical materials—Employment and injuries—Coal, oil and gas wells, petroleum, natural gas—Stone and earth minerals—Metals. Fig. XXXIX. Indexes of physical volume of mineral production.	706
Sec. 28.	CONSTRUCTION AND HOUSING Value of construction—Wholesale price indexes of construction materials—Construction costs—Public works expenditures—Con- struction contracts—Construction and housing units—Mobile homes—Housing units: Inventory, starts, costs, characteristics— Public housing—Mortgages—VA home loans—Urban renewal. Figs. XL-XLI. Value of new construction; Nonfarm housing units started.	740

768

855

Sec. 29. MANUFACTURES..... Manufacturing summary-Production indexes-Major industry groups-Inventories-Employment and output of large companies-Capital formation and expenditures-Water use-Canned and frozen foods-Medicinals-Alcohol and spirits-Tobacco and smoking patterns-Textiles and clothing-Leather-Rubber-Chemicals-Glass and clay products-Metal products and machinery-Home appliances-Farm machines-Tractors.

Fig. XLII. Industrial production indexes.

Sec. 30. DISTRIBUTION AND SERVICES..... 820 Source of national income-Retail trade: Establishments, sales, employees, kinds of business, inventories-Department stores-Wholesale trade: Establishments, sales, employees, kinds of business, stocks-Selected services: Establishments, receipts, employees, kinds of business-Motion picture theaters-Hotels-Advertising.

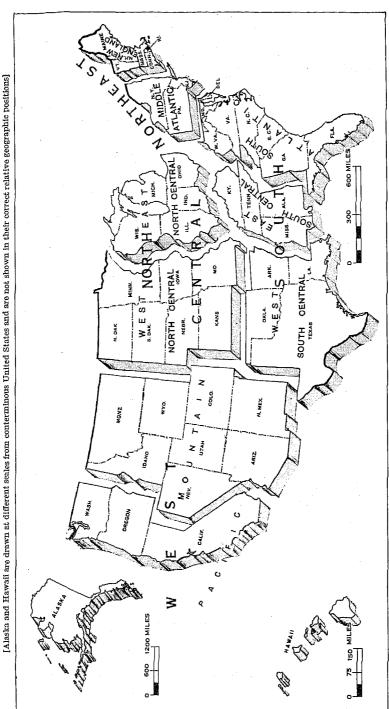
Fig. XLIII. Indexes of department store sales and stocks.

- Sec. 31. FOREIGN COMMERCE AND AID..... Balance of payments-International investments-Foreign assistance-Mutural Security Program-Foreign trade: Merchandise; trade balances; economic classes and commodity groups; Employment attributable to exports; trade by area and by country of destination and origin-Imports and duties.
- Sec. 32. OUTLYING AREAS UNDER THE JURISDICTION OF THE UNITED STATES..... 895 Population and characteristics-Vital statistics-Schools-Housing-Agriculture-Sugar production-Mineral production-Imports and exports-Puerto Rico: Government receipts and expenditures, employment, manufactures, gross product, income, and business.
- Sec. 33. COMPARATIVE INTERNATIONAL STATISTICS..... 909 Area and population-Vital statistics and food supply-Gross domestic product-European countries: Gross national product or expenditure; industrial production indexes; imports and exports-Economic indexes-Agriculture-Energy-Mineral products-Manufactures-Foreign trade-Foreign exchange holdings and rates-Transportation-Communications-Education and health-U.N. member assessments-International Monetary Fund, International Bank, International Development Association-Inter-American Development Bank-Cost-of-living, selected cities-U.S. contributions to international organizations.

APPENDIX I. Historical Appendix: Index to tables in which Historical Sta-	
tistics, Colonial Times to 1957, series appear	943
APPENDIX II. Weights and measures	946
GUIDE TO SOURCES OF STATISTICS	947
GUIDE TO STATE STATISTICAL ABSTRACTS	986
SOURCE AGENCIES AND TABLE NUMBERS	989
INDEX	993

хr Page

FIG. I. MAP OF THE UNITED STATES, SHOWING CENSUS REGIONS AND DIVISIONS



Source: Department of Commerce, Bureau of the Census.