

# MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

SEPTEMBER 1970

Entries 11942-12954

## DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (\*) are obtainable from the Superintendent of Documents.

Publications marked with a farad ( $\Phi$ ) are sold by the Clearinghouse for Federal Scientific and Technical Information, Springfield, VA 22151.

Where a single dagger ( $\dagger$ ) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

- \* For sale by SUPERINTENDENT OF DOCUMENTS
- $\Phi$  For sale by Clearinghouse for Federal Scientific and Technical Information, Springfield, VA 22151
- $\dagger$  Distribution made by Issuing Office. Not definitely available if unaccompanied by a price
- $\ddagger$  Printed for Official Use  
(not available for distribution)
- Sent to Depository Libraries

## SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°	6-12 inches high and width more than $\frac{3}{4}$ of height
large 4°	over 12 inches high and width more than $\frac{3}{4}$ of height
small 4°	under 6 inches high and width more than $\frac{3}{4}$ of height
8°	8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°	10-12 inches in height
12°	7-8 inches in height
16°	6-7 inches in height
24°	5-6 inches in height
32°	4-5 inches in height
48°	up to 4 inches high
f°	above 12 inches in height
narrow	width less than $\frac{3}{5}$ of height
oblong	width more than height

# MONTHLY CATALOG



OF UNITED STATES  
GOVERNMENT PUBLICATIONS

---

SEPTEMBER 1970

Number 908

---

Entries 11942-12954

Issued by the SUPERINTENDENT OF DOCUMENTS

---

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1970



# MONTHLY CATALOG

OF UNITED STATES  
GOVERNMENT PUBLICATIONS

Number 808

SEPTEMBER 1970

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT  
PRINTING OFFICE, WASHINGTON, D.C. 20402. PRICE 75 CENTS PER COPY  
EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE  
SUBSCRIPTION PRICE \$7.00 PER YEAR (INCLUDING INDEX)  
\$1.75 ADDITIONAL FOR FOREIGN MAILING

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402



## PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

- Additions and corrections to Annotated list of generic names. (Agriculture Department, Miscellaneous publication 1015, supplement.) 15c. ● A 1.38: 1015/supp.
- Bearded partridges. (Fish and Wildlife Service, Foreign game leaflet 7.) 10c. ● I 49.74: 7
- Black grouse. (Fish and Wildlife Service, Foreign game leaflet 5.) 10c. ● I 49.74: 5
- Catalog of federally funded housing and building research and technology. (Housing and Urban Development Department.) \$1.25. ● HH 1.2: H 81/40
- Catalog of HEW assistance providing financial support and service to States, communities, organizations, and individuals, 1970 supplement. (Health, Education, and Welfare Department.) \$1.75. ● HE 1.6/6: 969/supp. 970
- Census Bureau methodological research, 1969. (Census Bureau.) 35c. ● C 3.163/4: M56/969
- Cold storage and transport of strawberry plants. (Agriculture Department, Marketing research report 865.) 15c. ● A 1.82: 865
- Coturnix or old world quails. (Fish and Wildlife Service, Foreign game leaflet 10.) 10c. ● I 49.74: 10
- Eastern gray partridge. (Fish and Wildlife Service, Foreign game leaflet 8.) 10c. ● I 49.74: 8
- Exotic fishes and other aquatic organism. (Smithsonian Institution, Smithsonian contributions to zoology no. 59.) 45c. ● SI 1.27: 59
- Exploratory studies of early strength development in portland cement pastes and mortars. (National Bureau of Standards, Building science series 28.) 25c. ● C 13.29/2: 28
- Federal Maritime Commission report, vol. 12, July 1968-June 1969. (Federal Maritime Commission.) \$3.25. ● FMC 1.10: 12
- Foreign commerce and navigation of United States, 1965, vol. 2. (Census Bureau.) \$8.25. ● C 3.159: 965/v. 2
- How to buy butter. (Agriculture Department, Home and garden bulletin 148, revised.) 15c. ● A 1.77: 148/2
- In public practice, lawyers in the Federal government. (Civil Service Commission, Pamphlet 69, revised.) 20c. ● CS 1.48: 69/3
- Industry wage survey, machinery manufacturing, September-November 1968. (Labor Statistics Bureau, Bulletin 1664.) 65c. ● L 2.3: 1664
- Know your soil. (Agriculture Department, Information bulletin 267, revised.) 20c. ● A 1.75: 267/3
- Man's health and the environment, some research needs. (National Institute of Environmental Health Sciences.) \$1.25. ● HE 20.3552: M31
- Manchurian ring-necked pheasant. (Fish and Wildlife Service, Foreign game leaflet 9.) 10c. ● I 49.74: 9
- Occupations of Federal blue-collar workers. (Civil Service Commission, Pamphlet SM 59-04.) 50c. ● CS 1.48: SM-59-04
- On the ecology of Caribbean chitons. (Smithsonian Institution, Smithsonian contributions to zoology no. 66.) 35c. ● SI 1.27: 66

- Profits and the American economy.** [Revised 1970.] (Commerce Department.)  
 35c. ● C 1.2: P 94/2/970
- Radioactivity calibration standards.** (National Bureau of Standards, Special  
 publication 331.) \$1.25. ● C 13.10: 331
- Red junglefowls.** (Fish and Wildlife Service, Foreign game leaflet 6.) 10c. ●  
 I 49.74: 6
- Report on anadromous fish program.** (Fish and Wildlife Service.) 40c. ●  
 I 49.2: An 1
- Scientific and technical reports and publications for 1969.** (National Aeronautics  
 and Space Administration, NASA SP-7035.) \$7.50. ● NAS 1.21: 7035
- Spanish programmatic course, vol. 2, Instructor's manual.** (State Department,  
 Foreign Service Institute: Basic Language Course.) 75c. ●  
 S 1.114/2: Sp 2/v.2/inst. man.
- Studies of Neotropical caddisflies.** (Smithsonian Institution, Smithsonian con-  
 tributions to zoology no. 60.) \$1.25. ● SI 1.27: 60
- Supervisory grade-evaluation guide and qualification standard.** (Civil Service  
 Commission, Personnel management series 22.) 35c. ● CS 1.54: 22
- United States Customs Court report, vol. 63, Cases adjudged in United States  
 Customs Court, July-December 1969.** (Customs Court.) \$5.50. ● Ju 9.5: 63
- Volcanic eruption at Metis Shoal, Tonga, 1967-68.** (Smithsonian Institution,  
 Smithsonian contributions to the earth sciences no. 4.) 30c. ● SI 1.26: 4
- Yellow-necked spurfowl.** (Fish and Wildlife Service, Foreign game leaflet 11.)  
 10c. ● I 49.74: 11

# Contents

---

---

	<b>Page</b>
Previews -----	III
Abbreviations, Explanation -----	VI
General Information -----	VII
How To Order Publications -----	VIII
New Classification Numbers -----	IX
Corrections for Previous Monthly Catalogs -----	IX
List of Government Authors -----	XI
Monthly Catalog -----	1
Index -----	59
List of Depository Libraries as of September 1, 1970 -----	103

---

---

## Abbreviations

add_____	addition, addendum, addenda.	n. d._____	no date.
amdt., amdts_____	amendment, amendments.	n. p._____	no place.
app_____	appendix, appendixes.	no., nos_____	number, numbers.
bk., bks_____	book, books.	p._____	page, pages.
chap_____	chapter, chapters.	p. of pl_____	pages of plates.
Cong_____	Congress.	par., pars_____	paragraph, paragraphs.
Dept_____	Department.	pl_____	plate, plates.
doc_____	document.	por_____	portrait, portraits.
facsim_____	facsimile, facsimiles.	pt., pts_____	part, parts.
fy_____	fiscal year.	rp_____	report.
G. H. A._____	Greenwich hour angle.	S_____	Senate, Senate bill.
H_____	House.	S. Con. Res_____	Senate concurrent resolution.
H. Con. Res_____	House concurrent resolution.	S. doc_____	Senate document.
H. doc_____	House document.	S. ex. doc_____	Senate executive document.
H. ex. doc_____	House executive document.	S. ex. rp_____	Senate executive report.
H. J. Res_____	House joint resolution.	S. J. Res_____	Senate joint resolution.
H. R._____	House of Representatives, House bill.	S. Res_____	Senate resolution.
H. Res_____	House resolution.	S. rp_____	Senate report.
H. rp_____	House report.	sec_____	section, sections.
il_____	illustration, illustrations.	sess_____	session, sessions.
in_____	inch, inches.	Stat. L._____	Statutes at large.
lat_____	latitude.	supp_____	supplement.
long_____	longitude.	tab_____	table, tables.
m_____	mile.	Treas_____	Treasury.
		v_____	volume, volumes.
		vs., v_____	versus.

Common abbreviations for the names of States, months, etc., are also used.

An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

## Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [ ] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.



## General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

### PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

### LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

### CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

## HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (\*) preceding the price. Those for sale by the Clearinghouse for Federal Scientific and Technical Information are indicated by a farad (Φ) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. Doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

### HOW TO REMIT

Remittances for documents marked with an asterisk (\*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

*Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.*

For the convenience of the general public, coupons in the denomination of 5¢ that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, DC 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

### LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

# New Classification Numbers

- C 1.57/2: date----- Commerce Department.  
OMBE [Office of Minority Business Enterprise] outlook.
- C 3.245/3: date/nos----- Census Bureau.  
Census of construction industries: Final reports.
- HE 20.2014: date----- Health Services and Mental Health Administration.  
Indian health program (annual).
- HE 20.2309/4: --2309/5: Reserved  
HE 20.2309/6: date----- NOTE.—See, for earlier publications, FS 2.2: In 25/7.  
National Communicable Disease Center.
- HE 20.2309/6: date----- Foodborne outbreaks, annual summary.  
NOTE.—See, for earlier class, FS 2.60/18: (date).  
National Institute of Arthritis and Metabolic Diseases.
- HE 20.3310/2: v. nos. & nos... Diabetes literature index, annual index issue.  
NOTE.—See, for earlier class, FS 2.22/53-2: (v. nos. & nos.).  
National Eye Institute.
- HE 20.3759: date----- Statistics on blindness in the model reporting area (annual).  
NOTE.—See, for earlier class, FS 2.22/37-2: (date).  
Atomic Energy Commission.
- Y 3.AT 7: 33-2/v. nos. & nos... AEC news releases.

## Corrections for Previous Monthly Catalogs

- Nov. 1967. Entry 16624, Investigation in fish control, 18-21, Toxicity of 22 therapeutic compounds to six fishes; Toxicity of Bayer 73 to fish; Toxicity of Dimethyl Sulfoxide (DMSO) to fish. Correct class to read I 49.70: 18-21.
- June 1969. Entry 8910, Wool and mohair production, price and value, 1968. Correct class to read A 92.29/5: 968.
- July 1969. Entry 9687, Flood plain information: St. Johns River, Jacksonville, Fla. Correct class to read D 103.47: J 13.  
— Entry 9697, Flood plain information: Vicinity of Jackson, Miss., Cany Creek. Correct class to read D 103.47: J 13/2.  
— Entry 9698, Flood plain information: Vicinity of Jackson, Miss., Purple Creek. Correct class to read D 103.47: J 13/3.
- Sept. 1969. Entry 13162, Medical assistance financed under public assistance titles of Social security act. Correct class to read FS 17.616: 968-4.
- Feb. 1970. Page xvi, A 17.18: v. nos. & nos. Bibliography of agriculture (monthly). Correct note to read: Discontinued as a Government publication with v. 33, no. 12, December 1969.  
— Entries 1709-1724, Public hearings, Tax reform act of 1969, staff summary of testimony of witnesses . . . Change distribution to read: † (no copies available).  
— Entry 2308, Bibliography of agriculture. Correct end of line 2 to read: Discontinued as a Government publication with v. 33, no. 12, December 1969.

- Mar. 1970. Entry 4124, United States standard flight inspection manual, Change 15. Correct last line to read: Issued with perforations.] † ● Item 431-C-4 TD 4.8: F 64/963/rep.-2/ch.15.
- April 1970. Page xi, change New classification number SI 1.1/a4: Smithsonian Institution Press, annual report, to SI 1.1/a 6: (date).
- Entry 5351, Elementary-secondary program in compensatory education 3: Homework helper program, New York City. Correct class to read HE 5.237: 37025-A.
- Entry 6163, Smithsonian Institution Press, 1968 annual report. Correct class to read SI 1.1/a 6: 968.
- June 1970. Entries 8336-8342, 1970 budget scorekeeping report (staff report . . .). In each class change Y 4.R 24: to Y 4.R 24/4: .
- July 1970. Entry 10255-22. Translations on USSR military affairs. Correct JPRS numbers to read: JPRS 50451, 50461, 50570, 50609, 50615.
- Entry 10475, Sunset Crater National Monument [and Wupatki National Monument], Ariz. Correct class to read I 29.21: W 96/3/970.
- Aug. 1970. Entry 11101, Senate report 939, District of Columbia appropriations bill, 1971. Correct report number to read Senate report 937.
- Entry 11290, Summary of airworthiness directives for large aircraft. Correct price to read \* Paper, \$5.50. This publication is not part of a subscription.



## List of Government Authors

	Beginning entry
Agriculture Department.....	11946
Agricultural Research Service.....	11942
Agricultural Stabilization and Conservation Service.....	11945
Commodity Credit Corporation.....	12083
Consumer and Marketing Service.....	12384
Economic Research Service.....	12492
Farmer Cooperative Service.....	12514
Federal Extension Service.....	12520
Foreign Agricultural Service.....	12544
Forest Service.....	12546
Rural Electrification Administration.....	12911
Soil Conservation Service.....	12926
Statistical Reporting Service.....	12944
Atomic Energy Commission.....	11974
Civil Aeronautics Board.....	12042
Civil Service Commission.....	12047
Commerce Department.....	12057
Business and Defense Services Administration.....	11982
Census Bureau.....	11985
Environmental Science Services Administration.....	12513
International Commerce Bureau.....	12617
Maritime Administration.....	12728
National Bureau of Standards.....	12841
Patent Office.....	12899
Congress.....	12086
Atomic Energy Joint Committee.....	12155
Economic Joint Committee.....	12156
House of Representatives.....	12158
Agriculture Committee.....	12257
Appropriations Committee.....	12258
Armed Services Committee.....	12260
Banking and Currency Committee.....	12266
District of Columbia Committee.....	12268
Education and Labor Committee.....	12269
Foreign Affairs Committee.....	12270
Government Operations Committee.....	12274
Interior and Insular Affairs Committee.....	12275
Internal Security Committee.....	12277
Interstate and Foreign Commerce Committee.....	12278
Merchant Marine and Fisheries Committee.....	12280
Post Office and Civil Service Committee.....	12281
Science and Astronautics Committee.....	12282
Small Business, Select Committee on.....	12285
Ways and Means Committee.....	12286

	Beginning Entry
Congress—Continued	
Printing Joint Committee.....	12288
Senate .....	12289
Aging, Special Committee on.....	12356
Banking and Currency Committee.....	12358
Commerce Committee.....	12360
District of Columbia Committee.....	12363
Foreign Relations Committee.....	12364
Government Operations Committee.....	12365
Interior and Insular Affairs Committee.....	12366
Judiciary Committee.....	12369
Labor and Public Welfare Committee.....	12372
Public Works Committee.....	12380
Small Business, Select Committee on.....	12383
Defense Department.....	12392
Air Force Department.....	11961
Army Department.....	11970
Civil Defense Office.....	12043
Engineers Corps.....	12508
Lake Survey.....	12722
Joint Chiefs of Staff.....	12619
Navy Department	
Marine Corps.....	12726
Medicine and Surgery Bureau.....	12731
Naval Personnel Bureau.....	12885
Naval Research Office.....	12888
District Courts.....	12400
Federal Communications Commission.....	12519
Federal Maritime Commission.....	12526
Federal Power Commission.....	12527
Federal Reserve System Board of Governors.....	12530
Federal Trade Commission.....	12537
Foreign-Trade Zones Board.....	12545
General Accounting Office.....	12570
General Services Administration	
Federal Supply Service.....	12536
National Archives and Records Service.....	12840
Federal Register Office.....	12529
Government Printing Office	
Public Documents Division.....	12907
Health, Education, and Welfare Department.....	12594
Education Office.....	12497
Public Health Service	
Environmental Health Service	
Environmental Control Administration.....	12512
National Air Pollution Control Administration.....	12833
Solid Waste Management Bureau.....	12930
Food and Drug Administration.....	12542

Health, Education, and Welfare Department—Continued

	Beginning Entry
Public Health Service—Continued	
Health Services and Mental Health Administration.....	12599
Community Health Service.....	12085
National Center for Health Statistics.....	12850
National Communicable Disease Center.....	12853
National Institute of Mental Health.....	12857
National Institutes of Health.....	12858
Health Professions Education and Manpower Training Bureau.....	12597
National Cancer Institute.....	12848
National Eye Institute.....	12855
National Institute of Arthritis and Metabolic Diseases.....	12856
Social and Rehabilitation Service.....	12918
National Center for Social Statistics.....	12851
Social Security Administration.....	12919
Housing and Urban Development Department.....	12601
Federal Housing Administration.....	12523
Interior Department.....	12608
Federal Water Quality Administration.....	12538
Fish and Wildlife Service	
Commercial Fisheries Bureau.....	12061
Sport Fisheries and Wildlife Bureau.....	12931
Geological Survey.....	12587
Mines Bureau.....	12738
National Park Service.....	12863
Reclamation Bureau.....	12909
Joint Publications Research Service.....	12621
Justice Department	
Federal Bureau of Investigation.....	12518
Labor Department.....	12657
Labor Statistics Bureau.....	12661
Manpower Administration	
Apprenticeship and Training Bureau.....	11966
Training and Employment Service.....	12948
Veterans Reemployment Rights Office.....	12952
Wage and Labor Standards Administration	
Labor Standards Bureau.....	12658
Women's Bureau.....	12953
Library of Congress.....	12723
Missouri Basin Inter-Agency Committee.....	12151
National Aeronautics and Space Administration.....	12752
National Capital Planning Commission.....	12849
National Labor Relations Board.....	12862
National Science Foundation.....	12879
Post Office Department.....	12900
President of United States.....	12903
Executive Office of the President	
Economic Opportunity Office.....	12401
Small Business Administration.....	12913
Smithsonian Institution.....	12915

	Beginning Entry
State Department.....	12935
International Development Agency.....	12618
Tariff Commission.....	12946
Transportation Department.....	12949
Coast Guard.....	12053
Federal Aviation Administration.....	12515
Air Traffic Service.....	11965
Aviation Medicine Office.....	11976
Flight Standards Service.....	12541
Federal Highway Administration.....	12522
Public Roads Bureau.....	12908
National Transportation Safety Board.....	12881
St. Lawrence Seaway Development Corporation.....	12912
Treasury Department.....	12950
Internal Revenue Service.....	12615
Veterans Administration.....	12951



# Monthly Catalog

NO. 908 • SEPTEMBER 1970

## AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

- 11942 Plant quarantine import requirements of Libya. July 23, 1970. 3 p. (Plant Quarantine Division.) [Issued with perforations.] † A 77.329: L 615
- 11943 Plant quarantine import requirements of Portugal. July 10, 1970. 2 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes PQ 400, June 1, 1936.] † A 77.329: P 838
- 11944 Publications and patents, nos. 4167-4321, of Southern Utilization Research and Development Division, July-Dec. 1969 [list]. Jan. 1970. [3]+11 +[2]+62 p. 4° † A 77.17/3: 969-2

## AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, Agriculture Dept., Washington, DC 20250

- 11945 Pender-New Hanover Counties, 1969 annual report. Burgaw, N.C., [1970.] cover title, [2]+20 leaves 4° † A 82.1/2: P 37/969

## AGRICULTURE DEPARTMENT Washington, DC 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

### Agriculture handbook.

- 11946 385. Major statistical series of Department of Agriculture, how they are constructed and used: v. 4, Agricultural marketing costs and charges [with list of literature cited; by Forrest E. Scott and Henry T. Badger]. June 1970. iv+37 p. ll. 4° ([Marketing Economics Division, Economic Research Service.]) [Updates Agriculture handbook 118, Major statistical series of Department of Agriculture, published 1957-60.] \* Paper, 50c.  
● Item 3  
L.C. card 77-607020 A 1.76: 365/v.4

### Agriculture information bulletin.

- 11947 343. Surface bonding of concrete blocks, a technique for erecting block walls without mortar joints; [by J. W. Simons and B. C. Haynes, jr.]. [June 1970.] 11+6 p. ll. 4° [Supersedes CA 42-57, Surface bonding, a technique for erecting concrete block walls without mortar joints.] \* Paper, 15c. ● Item 4  
L.C. card 70-608381 A 1.75: 343

### Farmers' bulletins. ● Item 9

A 1.9:(nos.)

- 11948 2125. Making and preserving apple cider; [by James F. Robinson and others]. [Oct. 1958, revised July 1970.] 1970. 2+14 p. ll. ([Eastern Utilization Research and Development Division, Agricultural Research Service.]) [Prepared in cooperation with Department of Food Science and Technology, University of Massachusetts, and National Apple Institute.] \* Paper, 10c.  
L.C. card 77-608316
- 11949 2108. Controlling potato insects; [by W. A. Shands and B. L. Landis]. [Revised Aug. 1970.]. [1970.] 15 p. ll. ([Entomology Research Division, Agricultural Research Service.]) \* Paper, 10c.  
L.C. card 74-608480

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 1

## GOVERNMENT PUBLICATIONS

- Home and garden bulletins. ● Item 11 A 1.77:(nos.)
- 11950 9. Suburban and farm vegetable gardens; [by Robert E. Wester]. [Revised Apr. 1967, slightly revised July 1970.] [1970.] [2] +46 p. il. 4° ([Crops Research Division, Agricultural Research Service.]) [Includes list of other USDA publications of interest to home gardener.] \* Paper, 40c.
- 11951 68. Hand sprayers and dusters; [by Frank Irons]. [Sept. 1967, slightly revised June 1970.] [1970.] 12 p. il. ([Agricultural Engineering Research Division, Agricultural Research Service.]) \* Paper, 10c.
- 11952 72. Nutritive value of foods; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Revised Aug. 1970.] [1970.] cover title, il +41 p. 4° \* Paper, 30c.
- Marketing bulletin.
- 11953 52. USDA yield grades for lamb. [July 1970.] 16 p. il. oblong 24° (Consumer and Marketing Service.) \* Paper, 10c. ● Item 13-G A 1.95: 52
- PA [Program aid] (series). ● Item 14-A A 1.68:(nos.)
- 11954 667. U.S. Department of Agriculture's food donation programs. Revised July 1970. [1970.] [6] p. il. narrow 8° (Food and Nutrition Service.) [Supersedes PA-555, Direct food distribution program.] †
- 11955 839. 8 leaves mean poison ivy. Revised Aug. 1970. [1970.] [2] p. il. fo, folded into narrow 8° size. \* Paper, 10c.
- 11956 911. Food stamps to end hunger. Revised June 1970. [1970.] [8] p. il. 4° (Food and Nutrition Service.) \* Paper, 15c.
- 11957 926. Investor's opportunity in Farmers Home insured notes. [Issued Aug. 1969, revised July 1970.] 8 p. il. narrow 8° (Farmers Home Administration.) [Supersedes PA 556, Farmers Home Administration insured loans, information for lenders.] †
- 11958 946. Going abroad? Important message from Pestina. Mar. 1970. [2] p. il. 4° folded into oblong 48° †
- 11959 951. Traveling? Don't spread plant pests. [May 1970.] [4] p. il. oblong 48° (Agricultural Research Service, Plant Protection Division.) [Prepared in cooperation with State agencies.] †
- Picture story.
- 11960 227. Food in your life, research in USDA helps make it nutritious, wholesome, and plentiful. July 1970. [6] p. il. 4° (Agricultural Research Service.) † A 1.166: 227

### AIR FORCE DEPARTMENT, Defense Dept. Washington, DC 20330

- 11961 Challenge for the bold in United States Air Force. [1970.] [6] p. il. narrow 8° [Illustrations are colored.] † ● Item 424 D 301.2: C 35
- 11962 Educational opportunities in Air Force [1970.] [8] p. il. narrow 8° [Some illustrations are colored.] † ● Item 424 D 301.2: Ed 8/3
- 11963 Your opportunities and rewards in Air Force Reserve. [1970.] [8] p. il. narrow 8° † ● Item 424 D 301.2: R 31/7
- 11964 Your opportunities and rewards in Air National Guard. [1970] [8] p. il. narrow 8° [One illustration is colored.] † ● Item 424 D 301.2: A1 7/15

### AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

- 11965 Special military operations handbook, Change 6. [June 30, 1970.] [74] p. 4° (7610.4A, CHG 6.) [Effective Nov. 1, 1970. Cancellation date Apr. 24, 1970. Issued in looseleaf form.] † ● Item 431-D-1  
TD 4.308: M 59/ch.6

### APPRENTICESHIP AND TRAINING BUREAU, Labor Dept. Washington, DC 20210

- Trade and industry publications. † ● Item 748-A L 23.16:(nos.)
- 11966 4. Apprenticeship schedules covering electrical and electronic trades. 1970 edition. [1970.] cover title, [4] +110 p. 4°
- 11967 7. Apprenticeship schedules covering building and construction trades (including shipbuilding), v. 1. 1970 edition. [1970.] cover title, [4] +102 p. 4°
- 11968 7. Apprenticeship schedules covering building and construction trades (including shipbuilding), v. 2. 1970 edition. [1970.] cover title, [4] +95 p. 4°

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

- 11969 Veterans! Train for skilled trade through apprenticeship. [Revised 1970.]  
 [1970] [2] p. f° folded into narrow 8° size. † ● Item 748  
 L 23.2: V 64/970

ARMY DEPARTMENT, Defense Dept.  
 Washington, DC 20310

- 11970 Financial assistance and educational opportunities for student nurses and  
 registered nurses, United States Army. [1970.] cover title, 8 p. ll.  
 [Illustration is colored.] † ● Item 325 D 101.2: F 49
- Pamphlets. ● Item 327 (Rev. 1969) D 101.22:(nos.)
- 11971 350-3-1. United States Military Academy Preparatory School. [1970.] [6]  
 p. ll. narrow 8° [Supersedes DA Pam 350-3-1, 1968.] †
- 11972 608-27. Crossroads for man in uniform. [1970.] [3]+88 p. ll. 4° (NAVPERS  
 15240; [Air Force Dept.] AFP 211-12; [Marine Corps] NAVMC  
 2631.) †
- Technical manual TM (series).
- 11973 1-215. Attitude instrument flying. Sept. 1964. cover title, [105] p. ll. 4° [Issued  
 with perforations. This reprint includes current pages from Changes  
 1 and 2. Supersedes TM 1-215, Dec. 8, 1958, Change 1, Sept. 8, 1960  
 and Change 4, Mar. 21, 1962.] † ● Item 329 D 101.11: 1-215/rep.

ATOMIC ENERGY COMMISSION  
 Washington, DC 20545

- AEC news releases. [Weekly.] † Y 3.At 7: 33-2/(v.nos. & nos.)
- 11974 v. 1, no. 1— July 8, 1970—
- AEC research and development report.
- 11975 WASH-1157. Contracting for construction and architect-engineering services.  
 Aug. 1970. cover title, ill+12 p. ([Division of Construction.])  
 \* Paper, 15c. ● Item 1051-C Y 3.At 7: 22/WASH-1157

AVIATION MEDICINE OFFICE, Transportation Dept.  
 Washington, DC 20553

- [Aviation medical reports] AM (series). TD 4.20:(nos.)
- 11976 69-12. Use of tranquilizer (chlordiazepoxide) in flight training [with list of  
 references; by] C. E. Melton, jr., Marlene Hoffman, [and] R. H.  
 Dalafeld. July 1969. [4]+6+[1] p. 4°. Φ Paper, \$3.00.
- 11977 69-22. Determination of centers of gravity of infants [with list of references;  
 by] J. J. Swearingen [and others]. Nov. 1969. [4]+4+[2] p. ll. 4°  
 Φ Paper, \$3.00.
- 11978 69-23. Motor effects from visually induced disorientation in man [with list of  
 references; by] M. Herbert Brecher [and] Gerhard A. Brecher. Nov.  
 1969. [4]+7+[2] ll. 4° Φ Paper, \$3.00.
- 11979 70-2. Quantitative evaluation of optically induced disorientation [with list of  
 references; by] M. Herbert Brecher, [and] Gerhard A. Brecher. Jan.  
 1970. [4]+4+[1] p. ll. 4° Φ Paper, \$3.00.
- 11980 70-3. Effects of organophosphorus pesticide on reproduction in rat [with list  
 references; by] Leonard C. Ryan [and others]. Jan. 1970. [4]+4+[1]  
 p. 4° Φ Paper, \$3.00.
- 11981 70-5. Blood alcohol concentrations as affected by combinations of alcoholic  
 beverage dosages and altitudes [with list of references; by] E. Arnold  
 Higgins, John A. Vaughan, Gordon E. Funkhouser. Apr. 1970. [4]+  
 8+[2] p. ll. 4° Φ Paper, \$3.00.

BUSINESS AND DEFENSE SERVICES ADMINISTRATION,  
 Commerce Dept., Washington, DC 20230

- 11982 Anti-friction bearings, manufacturer's shipments and unfilled orders, 1969.  
 July 1970. [4] p. 4° (General Industrial Equipment Division.)  
 † Paper, 10c. C 41.2: B 38/969
- 11983 Confectionery manufacturers' sales and distribution, 1969; [by Marjorie D.  
 Kennedy]. June 1970. iv+20 p. ll. 4° \* Paper, 30c. ● Item 215-D  
 C 41.19: 969

ΦFor Sale by Clearinghouse, U.S. Department of  
 Commerce, Springfield, Va. 22151  
 ●Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

- 11984 Copper [industry report], 1969 annual statistical supplement; [Michele Bozzelli, editor]. [14th annual issue.] June 1970. 16 p. 4° ([Copper Division].) \* Paper, \$1.00 a yr. (including quarterly issues); 25c additional for foreign mailing. ● Item 220-A C 41.34/2:14

CENSUS BUREAU, Commerce Dept.  
Suitland, MD 20233

Area measurement reports. GE-20 (series). [Prepared by Geography Division.]

- 11985 1. Areas of the United States. May 1970. 22+[1] p. 4° \* Paper, 25c. ● Item 146-B C 3.208/2:1

1967 census of business: Retail trade, merchandise line sales BC67-MLS (series). [Business Division.] C 3.202/19: 967/(nos.)

- 11986 2. Alabama. July 1970. v+82 p. il. 4° \* Paper, 75c. ● Item 132-A-2  
11987 3. Alaska. [July 1970.] cover title, v+30+[2] p. il. 4° \* Paper, 50c. ● Item 132-A-3  
11988 4. Arizona. Aug. 1970. v+68 p. il. 4° \* Paper, 65c. ● Item 132-A-4  
11989 5. Arkansas. July 1970. v+68+[1] p. il. 4° \* Paper, 65c. ● Item 132-A-5  
11990 12. Georgia. July 1970. v+88 p. il. 4° \* Paper, \$1.00. ● Item 132-A-12  
11991 14. Idaho. July 1970. v+52 p. il. 4° \* Paper, 60c. ● Item 132-A-15  
11992 15. Illinois. July 1970. v+111 p. il. 4° \* Paper, \$1.00. ● Item 132-A-16  
11993 19. Kentucky. July 1970. v+70 p. il. 4° \* Paper, 70c. ● Item 132-A-20  
11994 38. Oklahoma. July 1970. v+75 p. il. 4° \* Paper, 70c. ● Item 132-A-39  
11995 42. South Carolina. July 1970. v+69 p. il. 4° \* Paper, 65c. ● Item 132-A-43  
11996 51. Wisconsin. July 1970. v+86 p. il. 4° \* Paper, 75c. ● Item 132-A-53

1967 census of construction industries, industry statistics, CC 67-I (series). ([Construction Statistics Division.]

- 11997 3. Highway and street construction contractors, sic code 1611. [June 1970.] viii+16 p. 4° \* Paper, 35c. ● Item 133-D-2 C 3.245/3: CC 67-I-3

1967 census of manufactures: [Industry series] MC 67(2). ([Industry Division.]) [Preprint from v. 2, Industry statistics.] ● Item 136 C 3.24/4: 967/(nos.)

- 11998 20G. Beverages. July 1970. vi+A4+25 p. 4° \* Paper, 45c.  
11999 22C. Dyeing and finishing textiles, except wool fabrics and knit goods. July 1970. vi+23+A4 p. 4° \* Paper, 40c.  
12000 22E. Yarn and thread mills. July 1970. vi+22+A4 p. 4° \* Paper, 40c.  
12001 24A. Logging camps, sawmills, and planing mills. [July 1970.] vi+23+A4+[1] p. il. 4° \* Paper, 50c.  
12002 24C. Wooden containers and miscellaneous wood products. July 1970. vi+27+A4 p. 4° \* Paper, 45c.  
12003 31A. Tanning, industrial leather goods, and shoes. July 1970. vi+28+A4 p. 4° \* Paper, 45c.  
12004 31B. Leather gloves, luggage and miscellaneous leather goods. July 1970. vi+18+A4 p. 4° \* Paper, 40c. C 3.24/4: 967/131 B  
12005 32A. Glass products. [July 1970.] vi+21+A4 p. 4° \* Paper, 40c.  
12006 33B. Iron and steel foundries. July 1970. vi+19+A4 p. 4° \* Paper, 40c.  
12007 35D. Special industry machinery, except metalworking machinery. Aug. 1970. vi+32+A4 p. 4° \* Paper, 50c.  
12008 36C. Electric lighting and wiring equipment. July 1970. vi+28+A4 p. 4° \* Paper, 45c.  
12009 37A. Motor vehicles and equipment. July 1970. vi+28+A4 p. 4° \* Paper, 40c.  
12010 37C. Ship and boat building, railroad and miscellaneous transportation equipment. July 1970. vi+37+A4 p. 4° \* Paper, 55c. (Incorrectly given in publication as 70c.)  
12011 39A. Jewelry, silverware, and plated ware. July 1970. vi+17+A4 p. 4° \* Paper, 40c.  
12012 39B. Musical instruments and parts, toys and sporting goods. July 1970. vi+22+A4 p. 4° \* Paper, 40c.

1967 census of transportation: Commodity transportation survey, commodity group TC67-C3 (series). ([Transportation Division.]

- 12013 2. Part 2. Selected major TCC 3-digit classes. June 1970. iv+369 p. il. 4° \* Paper, \$2.75. ● Item 160-D C 3.233/3: TC 67-C 3-2  
12014 1970 census user guide, 2d draft, [Apr. 1969]: [Appendix] Technical documentation, Apr. 1970. [1970.] [129] p. 4° [Issued in looseleaf form.] \* Paper, \$5.25 (including basic guide and supplementary material for 6 month period), \$1.25 additional for foreign mailing. ● Item 146-A C 3.6/2: C 33/2/970/app.

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available



SEPTEMBER 1970

Construction reports: [Housing sales], C-25 (series).

- 12015 69-13. Characteristics of new one-family homes, 1969. [1970.] cover title, [1] +118 p. il. 4° [Prepared in cooperation with Housing and Urban Development Department.] † Paper, \$1.00. ● Item 140-A (Rev.) C 3.215/9: C 25-69-13  
L.C. card A65-7266
- 12016 Cotton production in United States, crop of 1969. [1970.] iii+40 p. ([Agriculture Division.]) \* Paper, 20c. ● Item 141  
L.C. card 25-26795 C 3.32: 969
- County business patterns, 1969, CBP (series). ([Business Division.]) [Prepared with assistance of Social Security Administration]. ● Item 133-A  
L.C. card 49-47547 C 3.204:(nos.)
- 12017 69-2. Alabama. [July 1970.] cover title, ix+92 p. il. 4° \* Paper, \$1.00.  
12018 69-5. Arkansas. [July 1970.] cover title, ix+73 p. il. 4° \* Paper, \$1.00.  
12019 69-6. California. [June 1970.] cover title, ix+166 p. il. 4° \* Paper, \$1.50.  
12020 69-8. Connecticut. [July 1970.] cover title, ix+51 p. il. 4° \* Paper, 65c.  
12021 69-9. Delaware. [July 1970.] cover title, ix+24 p. il. 4° \* Paper, 45c.  
12022 69-12. Georgia. [July 1970.] cover title, ix+133 p. il. 4° \* Paper, \$1.25.  
12023 69-13. Hawaii. [July 1970.] cover title, ix+21 p. il. 4° \* Paper, 45c.  
12024 69-16. Indiana. [July 1970.] cover title, ix+133 p. il. 4° \* Paper, \$1.25.  
12025 69-17. Iowa. [July 1970.] cover title, ix+100 p. il. 4° \* Paper, \$1.00.  
12026 69-19. Kentucky. [July 1970.] cover title, ix+95+[2] p. il. 4° \* Paper, \$1.00.  
12027 69-20. Louisiana. [June 1970.] cover title, ix+84 p. il. 4° \* Paper, \$1.00.  
12028 69-22. Maryland. [July 1970.] cover title, ix+66 p. il. 4° \* Paper, 75c.  
12029 69-23. Massachusetts. [July 1970.] cover title, ix+80 p. il. 4° \* Paper, \$1.00.  
12030 69-29. Nebraska. [July 1970.] cover title, ix+63 p. il. 4° \* Paper, 75c.  
12031 69-35. North Carolina. [July 1970.] cover title, ix+142 p. il. 4° \* Paper, \$1.25.  
12032 69-42. South Carolina. [July 1970.] cover title, ix+77 p. il. 4° \* Paper, \$1.00.  
12033 69-43. South Dakota. [June 1970.] cover title, ix+86 p. il. 4° \* Paper, 55c.  
12034 69-44. Tennessee. [July 1970.] cover title, ix+108 p. il. 4° [Date on spine of publication given incorrectly as 1968.] \* Paper, \$1.25.

Current population reports: Series P-20, Population characteristics.

\* Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy prices vary. ● Item 142-C C 3.186: P-20/(nos.)

- 12035 205. Women by number of own children under 5 years old, Mar. 1969. July 22, 1970. 24 p. 4° \* Paper, 20c.

Current population reports: Series P-23, special studies. \* Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60 and P-65 for one year), \$2.50 additional for foreign mailing; single copy prices vary. ● Item 142-C C 3.186: P-23/(nos.)

- 12036 32. Probabilities of marriage, divorce and remarriage. July 29, 1970. 4 p. 4° \* Paper, 10c.

- 12037 Directory of non-federal statistics for States and local areas, guide to sources, 1969; [prepared by Francine E. Shacter and others.] [Mar. 1970.] viii+678 p. 4° [Includes list of related publications on p. 2 of cover.] \* Paper, \$6.25. ● Item 146-A  
L.C. card 76-605082 C 3.6/2: St 2/4

- 12038 [Foreign trade report]: FT 155, U.S. general imports, world area, country, schedule A commodity groupings and method of transportation, 1969 annual [revised through Dec. 1969 statistics]. June 1970. cover title, x+444 p. 4° ([Foreign Trade Division.]) \* Paper, \$4.00. ● Item 144  
L.C. card 68-62861 C 3.164: 155/969

Government finances, GF 69 (series).

- 12039 3. State government finances in 1969 (July 1970), correction notice. July 13, 1970. 1 p. 4° † C 3.191/2: 969/3/corr.notice

- 12040 Guide to foreign trade statistics, 1970. [June 1970.] ix+175 p. il. 4° \* Paper, \$1.50. ● Item 146-A  
L.C. card A68-7732 C 3.6/2: F 76/970

- 12041 U.S. exports of domestic merchandise [Standard industrial classification] SIC-based products and area. [July 1970.] cover title, xii+583 p. 4° (FT 610, 1969 annual, [Foreign Trade Division.]) [Revised through Dec. 1969 statistics.] \* Paper, \$5.00. ● Item 144  
L.C. card A67-7769 C 3.164: 610/969

GOVERNMENT PUBLICATIONS

CIVIL AERONAUTICS BOARD  
Washington, DC 20428

- 12042 Remarks of Secor D. Browne, Chairman, Civil Aeronautics Board, before Airline Passengers Association conference on Seeking solutions to international hijacking problem, Washington, D.C., July 16, 1970. [1970.] 8 p. 4° † C 31.215: B 81/14

CIVIL DEFENSE OFFICE (Army), Defense Dept.  
Washington, DC 20310

- 12043 Federal civil defense guide: pt. D, chap. 2, app. 9, Inspecting public fallout shelter supplies. June 1970. 4 p. 4° [Supersedes Pt. D, chap. 2, app. 9, July 1964. Issued with perforations.] † ● Item 320-B-3  
D 119.8/4: pt.D/chap.2/app.9

Leaflet L (series).

- 12044 41. Professional development courses [in nuclear defense design] for architects and engineers. July 1970. [6] p. narrow 8° [Supersedes L-41, July 1969.] † ● Item 857-D-5  
D 119.13: 41/5

Miscellaneous publication MP (series). † ● Item 857-D-11

D 119.11:(nos.)

- 12045 6. Civil defense motion picture catalog. June 1970. [1]+39+[6] p. [Supersedes MP-6, Apr. 1968 and Change 1, Sept. 1968] L.C. card 59-62340
- 12046 56. Government in emergency, suggestions for including civil defense principles in social studies curriculum: Grades 1-12 [with bibliography]. May 1970. cover title, iv+111 p. il. 4° [Issued with perforations.]

CIVIL SERVICE COMMISSION  
Washington, DC 20415

- 12047 Amendment to announcement WA-6-06 (L), trades and crafts, equipment operation and repair, automotive mechanic. July 22, 1970. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) † CS 1.26/4: 966/WA-6-06/rev.-3/amdt.-2

Pamphlets. ● Item 299

CS 1.48:(nos.)

- 12048 75. Take a giant step, go Government, typists, stenographers, office jobs. [Mar. 1970.] cover title, 12 p. il. narrow 8° †
- 12049 T-4. Off-campus study centers for Federal employees. Revised edition, June 1970. [1970.] iii+148 p. il. 4° (Bureau of Training, Training Information and Resources Division.) \* Paper, \$1.25.
- 12050 T-5. Agency training centers for Federal employees. Revised edition, June 1970. [1970.] ii+101 p. il. 4° (Bureau of Training, Training Information and Resources Division.) \* Paper, \$1.00.

Personnel management series.

- 12051 23. Severance pay, what it is. May 1970. [6] p. narrow 8° (Bureau of Policies and Standards.) \* Paper, 10c. ● Item 300-A CS 1.54: 23
- 12052 United States Civil Service Commission announces examination for hearing examiner, positions in various Federal regulatory bodies in Washington, D.C., and throughout United States, announcement 318. [Revised July 1970.] [1970.] 22 p. il. 4° † CS 1.26: 964/318/rev.-4

COAST GUARD, Transportation Dept.  
Washington, DC 20591

- 12053 Coast Guard auxiliary administrative handbook, 1970. [1970.] cover title, [230] p. il. (CG-412.) [Issued with perforations.] † ● Item 934-A  
TD 5.8: Au 9/4/970
- 12054 Organization manual, amdt. 2. May 6, 1970. [130] p. 9 pl. 4° (CG-229.) [Issued in looseleaf form.] † ● Item 934-A TD 5.8: Or 3/amdt.2
- 12055 Pleasure craft, Federal requirements for motorboats. Jan. 1970. 16 p. il. narrow 8° (CG-290.) † ● Item 943  
L.C. card 61-61703 TD 5.6: P 71/970

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

- 12056 United States Coast Guard Academy, New London, Conn., catalogue of courses, 1970-71. (1970.) cover title, 112 p. il. [Text on p. 2 of cover.]  
 ● Item 930-B TD 5.16: 970-71

COMMERCE DEPARTMENT  
 Washington, DC 20230

NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers which should be used only when ordering from the Superintendent of Documents.

- 12057 Careers in Department of Commerce, equal opportunity employer. [1970.] cover title, 100 p. il. 4° [Text and illustration on p. 2-4 of cover.]  
 \* Paper, \$1.00. ● Item 128  
 L.C. card 70-608526 C 1.2: C 18/970
- OMBE outlook, news from Office of Minority Business Enterprise. (Office of Minority Business Enterprise.) [Monthly.] † ● Item 126-C  
 C 1.57/2: (date)
- 12058 Jan. 1970—  
 Overseas business reports OBR (series). [Issued irregularly.] \* Paper, \$16.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). ● Item 231-B C 1.50: (nos.)
- 12059 70-22. Trade of United States with Communist areas in Eastern Europe and Asia, 1967-69; [prepared by International Trade Analysis Division, Office of International Regional Economics.]. May 1970. 23 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 69-21.]  
 L.C. card 66-97329
- 12060 70-26. Basic data on economy of Uganda [with list of selected references]; prepared by Susan P. Hansen. June 1970. 23 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 66-19.]

COMMERCIAL FISHERIES BUREAU, Interior Dept.  
 Washington, DC 20240

- C. F. S. (series). † ● Item 610-A I 49.8/2: (nos.)
- 12061 5148. Washington landings, 1968, annual summary. [Mar. 1970.] 2 p. il. 4° [Prepared in cooperation with Washington State Department of Fisheries, Seattle, Wash.]
- 12062 5149. Oregon landings, 1968, annual summary. [Mar. 1970.] 2 p. il. 4° [Prepared in cooperation with Fish Commission of Oregon, Portland, Ore.]
- 12063 5230. New Jersey landings, 1969, annual summary. [July 1970.] 9 p. il. 4° [Prepared in cooperation with New Jersey Department of Conservation and Economic Development, Division of Fish and Game, Trenton, N.J.]
- 12064 5326. Virginia landings, 1969, annual summary. [July 1970.] 12 p. 4° [Prepared in cooperation with Virginia Marine Resources Commission, Newport News, and Potomac River Fisheries Commission, Colonial Beach.]
- 12065 5345. Middle Atlantic fisheries, 1968, annual summary. [Aug. 1970.] 5 p. il. 4°
- Commercial fisheries review, separates. † I 49.10/a: (nos.)
- 12066 781. Technology's role in seafood industry; by Harold B. Allen. [1970.] p. 59-61, 4° [From Feb. 1967 issue.]
- 12067 806. Experimental trawling and pot fishing for giant Alaskan prawn; by Doyne W. Kessler. [1970.] p. 41-44, il. 2 tab. 4° [From Jan. 1968 issue.]
- 12068 829. 1967 Atlantic Coast surf clam fishery [with list of references]; by Robert M. Yancey. [1970.] p. 50-53, il. 4° [From v. 30, no. 11.]
- 12069 859. Oyster culture in Long Island Sound, 1966-69 [with list of literature cited; by] Clyde L. MacKenzie, jr. [1970.] p. 27-40 il. 4° [From Jan. 1970 issue.]
- 12070 870. Albacore of Hawaiian waters, *Thunnus alalunga* [with list of literature cited; by] Tamio Otsu and Ray F. Sumida. [1970.] p. 18-26 il. 4° [From v. 32, no. 5.]
- 12071 871. Seasonal and geographic characteristics of fishery resources. California Current region, 1, Jack mackerel [with list of literature cited; by]; David Kramer and Paul E. Smith. [1970.] p. 27-31 il. 4° [From May 1970 issue.]
- 12072 872. Brit herring along Maine's coast; by C. W. Davis and J. J. Graham. [1970.] p. 32-35 il. 4° [From v. 32, no. 5.]
- 12073 873. Bathyphere for fishery research; [by] John R. Pugh and Richard B. Thompson. [1970.] p. 36-40, il. 4° [From v. 32, no. 5.]

♠For Sale by Clearinghouse, U.S. Department of  
 Commerce, Springfield, Va. 22151  
 ●Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

Fishery leaflet.

- 12074 627. List of fishery cooperatives in United States, 1969-70; [by Division of Current Economic Analysis, Bureau of Commercial Fisheries]. June 1970. iii+13 p. 4° [Page 13, last page of text, appears on p. 3 of cover.] †  
I 49.28 : 627

Fishery market development series.

- 12075 16. Portraits with pollock. [1970.] cover title, 28 p. ill. ([National Marketing Services Office, Chicago, Ill.]) [Text on p. 2-3 of cover. Issued in cooperation with commercial fishing industry. Illustrations are colored.] \* Paper, 60c. ● Item 611-F  
L.C. card 77-608470 I 49.49/2 : 16
- SL [statistical list] (series). † I 49.42 : (nos.)
- 12076 4. Wholesale dealers in fishery products, Rhode Island, 1970. Revised [edition]. June 1970. 2 p. 4°
- 12077 5. Wholesale dealers in fishery products, Connecticut, 1970. Revised [edition]. June 1970. 1 p. 4°
- 12078 9. Wholesale dealers in fishery products, Delaware, 1970. Revised [edition]. June 1970. 1 p. 4°
- 12079 13. Wholesale dealers in fishery products, North Carolina. Revised [edition]. [May 1970.] 6 p. 4°
- 12080 16. Wholesale dealers in fishery products, Florida. Revised [edition]. [May 1970.] 16 p. 4°
- 12081 17. Wholesale dealers in fishery products, Alabama (coastal area). Revised [edition]. [May 1970.] 3 p. 4°
- 12082 19. Wholesale dealers in fishery products, Louisiana (coastal area). Revised [edition]. [May 1970.] 7 p. 4°

COMMODITY CREDIT CORPORATION, Agriculture Dept.  
Washington, DC 20250

- 12083 Report of president of Commodity Credit Corporation, 1967. [Jan. 1968.] 40 p. \* Paper, 15c.  
L.C. card Agr 40-577 A 82.301 : 967
- 12084 Report of president of Commodity Credit Corporation, 1968. [Jan. 1969.] 31 p. \* Paper, 20c.  
L.C. card Agr 40-577 A 82.301 : 968

COMMUNITY HEALTH SERVICE, Health, Education, and Welfare Dept.  
Washington, DC 20201

- 12085 Directory of selected community health services, funded under section 314 (e) of Public Health Service act. July 1970. cover title, vi+54 p. 4°  
Division of (Health Care Services.) † ● Item 512-E-1  
L.C. card 74-608535 HE 20.2552 : C 73/2

CONGRESS

- Congressional record, proceedings and debates of 91st Congress, 1st session, v. 115. [Permanent edition.] 1969. ● Item 993  
L.C. card 12-36438 X.91/1 : 115/pt. (nos.)
- NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break.
- 12086 pt. 15. July 15-25, 1969. [1]-19497-20848 p. 4° \* Cloth, \$6.25
- 12087 United States Code, 1964 edition, supp. 5, containing general and permanent laws of United States enacted during 89th and 90th Congresses and 91st Congress, 1st session, Jan. 4, 1965-Jan. 18, 1970; prepared by Committee on Judiciary of House of Representatives.  
v. 3. Title 44, Public printing and documents, to title 50, War and national defense tables and index. 1970. xxvi+3407-5074 p. large 8° \* Cloth, \$13.25. ● Item 991  
L.C. card 65-61024 Y 4 J 89/1 : Un 3/3/964/supp.5/v.3

Congressional serial set

NOTE.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available



## SEPTEMBER 1970

The following bound volumes were sent to depository libraries during the period of this catalog:

- 12088 **House document:**  
no. 331, 91st Congress, 2d session, 71st encampment, United Spanish War veterans, 1969 [Serial 12899-5]. ● Item 995-K
- 12089 **House report:**  
no. 1215, 91st Congress, 2d session, Legislative reorganization act, 1970 [Serial 12886-5]. ● Item 1007-A
- 12090 **Senate reports:**  
nos. 1184-1360, with exceptions, 89th Congress, 2d session, Senate miscellaneous reports on public bills II [Serial 12710-2]. ● Item 1007-A  
nos. 571-750 with exceptions, 90th Congress, 1st session, Senate miscellaneous reports on public bills IV [Serial 12750-4]. ● Item 1007-A  
no. 875, 91st Congress, 2d session, Developments in Aging 1969 [Serial 12883]. ● Item 1007-A

### Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

- Private laws, 91st Congress. † House or Senate Document Rooms, Capitol.**
- 12091 105. S. 614, act for relief of Franz Charles Feldmeier. Approved June 15, 1970. 1 p.
- 12092 106. S. 1786, act for relief of James Harry Martin. Approved June 15, 1970. 1 p.
- 12093 107. H.R. 2012, act to amend act of Oct. 25, 1949 (63 Stat. 1205), authorizing Secretary of Interior to convey tract of land to Lillian I. Anderson. Approved June 23, 1970. 1 p.
- 12094 108. H.R. 1898, act for relief of Joeek Kuncek. Approved July 8, 1970. 1 p.
- 12095 109. H.R. 2275, act for relief of John Thomas Cosby, jr. Approved July 8, 1970. 1 p.
- 12096 110. H.E. 2315, act for relief of Josefina Pollicar Abutan Fullar. Approved July 8, 1970. 1 p.
- 12097 111. H.R. 3908, act for relief of Elizabeth B. Borgnino. Approved July 8, 1970. 1 p.
- 12098 112. H.R. 1695, act for relief of Alfredo Caprara. Approved July 10, 1970. 1 p.
- 12099 113. H.R. 3348, act for relief of estate of Pierre Samuel du Pont Darden. Approved July 10, 1970. 1 p.
- 12100 114. H.R. 4574, act to provide for admission to United States of certain inhabitants of Bonin Islands. Approved July 10, 1970. 1 p.
- 12101 115. H.R. 13740, act for relief of Kimball Brothers Lumber Company. Approved July 10, 1970. 1 p.
- 12102 116. H.R. 2047, act for relief of Roseanne Jones. Approved July 13, 1970. 1 p.
- 12103 117. H.R. 5000, act for relief of Pedro Irizarry Guldo. Approved July 13, 1970. 1 p.

#### Public laws, 91st Congress. ● Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, DC 20402, at a subscription price of \$20.00 per session, \$5.00 additional for foreign mailing; single copies vary in price.

- 12104 276. S. 3339, act to authorize Public Printer to fix subscription price of daily Congressional record. Approved June 12, 1970. 1 p. \* Paper, 5c.
- 12105 277. H.J. Res. 1069, joint resolution extending for 4 years existing authority for erection in District of Columbia of memorial to Mary McLeod Bethune. Approved June 12, 1970. 1 p. \* Paper, 5c.
- 12106 278. H.R. 13816, act to improve and clarify certain laws affecting Coast Guard. [Approved June 12, 1970.] 4 p. \* Paper, 5c.
- 12107 279. H.R. 4813, act to extend provisions of United States fishing fleet improvement act, as amended, and for other purposes. [Approved June 12, 1970.] 3 p. \* Paper, 5c.
- 12108 280. H.R. 11628, act to transfer from Architect of Capitol to Librarian of Congress authority to purchase office equipment and furniture for Library of Congress. Approved June 12, 1970. 1 p. \* Paper, 5c.
- 12109 281. H.R. 12619, act to amend sec. 11 of act approved Aug. 4, 1950, entitled act relating to polling of buildings and grounds of Library of Congress. Approved June 17, 1970. 1 p. \* Paper, 5c.
- 12110 282. H.R. 15166, act authorizing additional appropriations for prosecution of projects in certain comprehensive river basin plans for flood control, navigation, and for other purposes. [Approved June 19, 1970.] 4 p. \* Paper, 5c.
- 12111 283. H.R. 10184, act to provide for disposition of judgment funds of Sioux Tribe of Fort Peck Indian Reservation, Mont. Approved June 19, 1970. 1 p. \* Paper, 5c.
- 12112 284. H.R. 14306, act to amend tobacco marketing provisions of Agricultural adjustment act of 1938, as amended. Approved June 19, 1970. 1 p. \* Paper, 5c.

☛For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 9

GOVERNMENT PUBLICATIONS

Public laws, 91st Congress—Continued

- 12113 286. H.R. 9854, act to authorize Secretary of Interior to construct, operate, and maintain East Greencres unit, Rathdrum Prairie project, Idaho, and for other purposes. [Approved June 23, 1970.] 2 p. \* Paper, 5c.
- 12114 287. H.R. 14300, act to amend title 44, United States Code, to facilitate disposal of Government records without sufficient value to warrant their continued preservation, to abolish Joint Committee on Disposition of Executive Papers, and for other purposes. [Approved June 23, 1970.] 2 p. \* Paper, 5c.
- 12115 288. H.R. 12860, act to establish Ford's Theatre National Historical Site, and for other purposes. Approved June 23, 1970. 1 p. 4° \* Paper, 5c.
- 12116 289. H.R. 4204, act to amend sec. 6 of War claims act of 1948 to include prisoners of war captured during Vietnam conflict, and for other purposes. [Approved June 24, 1970.] 3 p. \* Paper, 5c.
- 12117 290. S. 887, act to further extend period of restrictions on lands of Quapaw Indians, Okla., and for other purposes. Approved June 25, 1970. 1 p. \* Paper, 5c.
- 12118 292. H.R. 14810, act to amend sec. 2(3) and sec. 8c(6) (I) of Agricultural adjustment act, as reenacted and amended by Agricultural marketing agreement act of 1937 and subsequent legislation, so as to authorize production research under marketing agreement and order programs. Approved June 25, 1970. 1 p. \* Paper, 5c.
- 12119 293. S. 2940, act to amend act of June 28, 1948, as amended relating to acquisition of property for Independence National Historical Park. Approved June 25, 1970. 1 p. \* Paper, 5c.
- 12120 294. H.J. Res. 1264, joint resolution making continuing appropriations for fiscal year 1971, and for other purposes. [Approved June 29, 1970.] 3 p. \* Paper, 5c.
- 12121 295. H.R. 5554, act to provide special milk program for children. [1970.] 1 p. [Became law without President's approval on June 30, 1970.] \* Paper, 5c.
- 12122 298. H.R. 17241, act to continue until the close of June 30, 1972, the existing suspension of duties on certain forms of copper. Approved June 30, 1970. 1 p. \* Paper, 5c.
- 12123 299. H.R. 16731, act to amend provisions of title 3 of Federal civil defense act of 1950, as amended. Approved June 30, 1970. 1 p. \* Paper, 5c.
- 12124 300. J.H. Res. 1259, joint resolution to extend effectiveness of Defense production act of 1950 to July 30, 1970. Approved June 30, 1970. 1 p. \* Paper, 5c.
- 12125 301. H.R. 17802, act to increase public debt limit set forth in section 21 of 2d Liberty bond act. Approved June 30, 1970. 1 p. \* Paper, 5c.
- 12126 302. H.R. 16298, act to amend sec. 703 (b) of title 10, United States Code, to extend authority to grant special 30-day leave for members of uniformed services who voluntarily extend their tours of duty in hostile fire areas. Approved July 2, 1970. 1 p. \* Paper, 5c.
- 12127 304. H.R. 15712, act to amend Public works and economic development act of 1965 to extend authorizations for titles 1 through 4 through fiscal year 1971. Approved July 6, 1970. 1 p. \* Paper, 5c.
- 12128 305. H.R. 17399, act making supplemental appropriations for fiscal year ending June 30, 1970, and for other purposes. [Approved July 6, 1970.] 32 p. \* Paper, 15c.
- 12129 306. H.R. 14720, act to continue until close of June 30, 1973, existing suspension of duties on manganese ore (including ferruginous ore) and related products, and for other purposes. [Approved July 6, 1970.] 2 p. \* Paper, 5c.
- 12130 307. S. 743, act to authorize Secretary of Interior to construct, operate, and maintain Touchet division, Walla Walla project, Oreg.-Wash., and for other purposes. Approved July 7, 1970. 2 p. \* Paper, 5c.
- 12131 308. S. 2315, act to amend Land and water conservation fund of 1965, as amended, and for other purposes. Approved July 7, 1970. 1 p. \* Paper, 5c.
- 12132 309. H.R. 8512, act to suspend for temporary period import duty on L-Dopa. Approved July 7, 1970. 1 p. \* Paper, 5c.
- 12133 310. S. 2062, act to provide for differentiation between private and public ownership of lands in administration of acreage limitation provisions of Federal reclamation law, and for other purposes. Approved July 7, 1970. 1 p. \* Paper, 5c.
- 12134 311. H.R. 4246, act to discontinue annual report to Congress as to administrative settlement of personal property claims of military personnel and civilian employees. Approved July 8, 1970. 1 p. \* Paper, 5c.
- 12135 312. H.R. 4247, act to amend sec. 2734 of title 10, United States Code, to authorize Secretary concerned to make partial payments on certain claims which are certified to Congress, and to provide equivalent authority for administrative settlement and payment of claims under sec. 2733 of title 10 and sec. 715 of title 32, United States Code. Approved July 8, 1970. 1 p. \* Paper, 5c.
- 12136 313. H.R. 14118, act to amend sec. 213 of Immigration and nationality act, and for other purposes. [Approved July 10, 1970.] 2 p. \* Paper, 5c.
- 12137 314. H.R. 12941, act to authorize release of four million one hundred eighty thousand pounds of cadmium from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12138 315. H.R. 13407, act to consent to amendment of Pacific marine fisheries compact. [Approved July 10, 1970.] 2 p. \* Paper, 5c.

\*For Sale by Superintendent of Documents  
 †Distribution Made by Issuing Office  
 ‡Official Use. Not Available



SEPTEMBER 1970

- 12139 316. S. 4012, act to extend Clean air act, as amended, and Solid waste disposal act, as amended, for period of 60 days. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12140 317. H.R. 15021, act to authorize release of forty million, two hundred thousand pounds of cobalt from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12141 318. H.R. 15831, act to authorize disposal of bismuth from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12142 319. H.R. 15832, act to authorize disposal of castor oil from national stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12143 320. H.R. 15833, act to authorize disposal of acid grade fluorspar from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12144 321. H.R. 15835, act to authorize disposal of magnesium from national stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12145 322. H.R. 15836, act to authorize disposal of type A, chemical grade manganese ore from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12146 323. H.R. 15837, act to authorize disposal of type B, chemical grade manganese ore from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12147 324. H.R. 15838, act to authorize disposal of shellac from national stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12148 325. H.R. 15839, act to authorize disposal of tungsten from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12149 326. H.R. 15998, act to authorize disposal of Surinam-type metallurgical grade bauxite from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12150 327. H.R. 16289, act to authorize disposal of natural Ceylon amorphous lump graphite from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12151 328. H.R. 16290, act to authorize disposal of refractory grade chromite from national stockpile and supplemental stockpile. Approved July 10, 1970. \* Paper, 5c.
- 12152 329. H.R. 16291, act to authorize disposal of chrysotile asbestos from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12153 330. H.R. 16292, act to authorize disposal of corundum from national stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 12154 358. S. 2801, act to reorganize courts of District of Columbia, revise procedures for handling juveniles in District of Columbia, to codify title 23 of District of Columbia Code, and for other purposes. [Approved July 29, 1970.] 196 p. \* Paper, 55c.

ATOMIC ENERGY JOINT COMMITTEE  
Washington, DC 20515

- 12155 Naval nuclear propulsion program, 1970, hearings, 91st Congress, 2d session, on testimony of H. G. Rickover, Mar. 19 and 20, 1970. 1970. xviii+312 p. il. \* Paper, \$1.25. ● Item 999  
L.C. card 78-608071 Y 4.At 7/2: N 88/4/970

ECONOMIC JOINT COMMITTEE  
Washington, DC 20510

Foreign economic policy for 1970's, hearings before Subcommittee on Foreign Economic Policy, 91st Congress, 2d session.

- 12156 pt. 3. U.S. policies toward developing countries, May 13-19, 1970. 1970. iv +457-743 p. \* Paper, \$1.25. ● Item 1000 Y 4.Ec 7: F 76/3/970/pt.3  
L.C. card 78-606113
- 12157 Investment policies of pension funds, hearings before Subcommittee on Fiscal Policy, 91st Congress, 2d session, Apr. 27-30, 1970. 1970. iv+250 p. il. \* Paper, \$1.00. ● Item 1000 Y 4.Ec 7: In 8/17  
L.C. card 76-608242

HOUSE OF REPRESENTATIVES  
Washington, DC 20515

House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 91st Congress.

- 12158 295. 1970 annual report of Board of Trustees of Federal Old-Age and Survivors Insurance and Disability Insurance Trust Funds; Apr. 2, 1970. 1970. v +68 p. † ● Item 996  
L.C. card 76-603439

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

House documents, 91st Congress—Continued

- 12159 296. 1970 annual report of Board of Trustees of Federal Hospital Insurance Trust Fund; Apr. 2, 1970. 1970. v+34 p. † ● Item 996  
L.C. card 66-61484
- 12160 353. Medical facilities construction and modernization amendments of 1970, message from President of United States transmitting without approval bill (H.R. 11102). June 23, 1970. 21 p. † ● Item 996  
L.C. card 71-608214
- 12161 355. Selected speeches of Dwight Eisenhower, 34th President of United States, selected from 3 principal periods of his life, as Supreme Allied Commander in Europe, as Supreme NATO Commander, as President. 1970. x+158 p. ll. \* Paper, 70c. ● Item 996  
L.C. card 71-608537
- 12162 364. Reorganization plan 3 of 1970, message from the President transmitting reorganization plan 3 of 1970. July 9, 1970. 5 p. \* Paper, 10c. ● Item 996
- 12163 366. Reorganization plans 3 and 4 of 1970, message from the President relative to reorganization plans 3 and 4 of 1970. July 9, 1970. 9 p. \* Paper, 10c. ● Item 996

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 91st Congress. † House Document Room, Capitol. ● Item 1008-B

- 12164 1230. Cal C. Davis and Lyndon A. Dean. Report from Committee on Judiciary to accompany S. 2427. June 25, 1970. 4 p.
- 12165 1231. Certain individuals employed by Department of Air Force at Kelly Air Force Base, Tex. Report from Committee on Judiciary to accompany H.R. 10150. June 25, 1970. 5 p.
- 12166 1232. Samuel R. Stephenson. Report from Committee on Judiciary to accompany H.R. 10704. June 25, 1970. 8 p.
- 12167 1233. David L. Kennison. Report from Committee on Judiciary to accompany H.R. 15272. June 25, 1970. 5 p.
- 12168 1234. George F. Mills. Report from Committee on Judiciary to accompany H.R. 16415. June 25, 1970. 4 p.
- 12169 1235. Mrs. Fernande M. Allen. Report from Committee on Judiciary to accompany H.R. 15478. June 25, 1970. 4 p.
- 12170 1236. Sherman Webb and others. Report from Committee on Judiciary to accompany H.R. 17734. June 1, 1970. 28 p.
- 12171 1238. Thomas J. Beck. Report from Committee on Judiciary to accompany H.R. 4982. June 25, 1970. 6 p.
- 12172 1253. Keum Jo Kim. Report from Committee on Judiciary to accompany H.R. 2043. June 29, 1970. 8 p. [Amended title to read for relief of Keum Ja Franks.]
- 12173 1254. Ok You (Mrs. Charles G.). Kirsch. Report from Committee on Judiciary to accompany H.R. 4670. June 29, 1970. 5 p.
- 12174 1255. Low Yin (also known as Low Ying). Report from Committee on Judiciary to accompany H.R. 5655. June 29, 1970. 6 p.
- 12175 1256. Tae Pung Hills. Report from Committee on Judiciary to accompany H.R. 12400. June 29, 1970. 6 p.
- 12176 1258. Conferring U.S. citizenship posthumously upon Frank J. Krec. Report from Committee on Judiciary to accompany H.R. 13265. June 29, 1970. 2 p.
- 12177 1259. Conferring citizenship to Staff Sgt. Ryuzo Somma, deceased. Report from Committee on Judiciary to accompany H.R. 13997. June 29, 1970. 3 p.
- 12178 1268. Maureen O'Leary Pimpare. Report from Committee on Judiciary to accompany H.R. 12962. July 1, 1970. 6 p.
- 12179 1269. Maria de Conceicao Botelho Pereira. Report from Committee on Judiciary to accompany H.R. 12990. July 1, 1970. 6 p.
- 12180 1270. Vincenzo Pellicano. Report from Committee on Judiciary to accompany H.R. 13712. July 1, 1970. 8 p.
- 12181 1271. Mrs. Maria Eloisa Pardo Hall. Report from Committee on Judiciary to accompany H.R. 13895. July 1, 1970. 6 p.
- 12182 1275. Anan Eldredge. Report from Committee on Judiciary to accompany H.R. 2849. June 1, 1970. 5 p.
- 12183 1326. Mrs. Cumorah Kennington Romney. Report from Committee on Judiciary to accompany S. 2863. July 23, 1970. 9 p.

House reports on public bills, 91st Congress. † House Document Room, Capitol. ● Item 1008-A

- 12184 1119. Authorizing Public Printer to fix subscription price of daily Congressional record. Report from Committee on House Administration to accompany S. 3339. May 25, 1970. 2 p.
- 12185 1153. Consideration of H.R. 15361. Report from Committee on Rules to accompany H. Res. 1063. June 4, 1970. 1 p.
- 12186 1160. Authorizing Select Committee of House to study firsthand recent developments in Southeast Asia and then report its findings to House of Representatives within 30 days of its adoption. Report from Committee on Rules to accompany H. Res. 976. June 4, 1970. 2 p. [H. Res. 976, as amended by Committee provides for reporting its findings within 45 days.]

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 12187 1168. Naming of Veterans' Administration hospital at Bedford, Mass., for Edith Nourse Rogers. Report from Committee on Veterans' Affairs to accompany H.R. 17352. June 9, 1970. 2 p.
- 12188 1171. Consideration of H.R. 17255. Report from Committee on Rules to accompany H. Res. 1069. June 9, 1970. 1 p.
- 12189 1174. Law enforcement assistance amendments. Report from Committee on Judiciary to accompany H.R. 17825. June 10, 1970. 41 p.
- 12190 1175. Authorizing printing of compilation entitled Federal and State student aid programs as Senate document. Report from Committee on House Administration to accompany S. Con. Res. 61. June 11, 1970. 1 p.
- 12191 1176. Authorizing printing of additional copies of Senate hearings on space program benefits. Report from Committee on House Administration to accompany S. Con. Res. 66. June 11, 1970. 1 p.
12192. 1177. Authorizing compilation and printing of revised edition of biographical directory of American Congress (1774-1970). Report from Committee on House Administration to accompany S. Con. Res. 70. June 11, 1970. 1 p.
- 12193 1178. 1970 U.S. census of population. Report from Committee on House Administration to accompany H. Res. 1041. July 11, 1970. 1 p.
- 12194 1179. Authorizing printing as House document of representative sampling of public speeches of former President Dwight D. Eisenhower. Report from Committee on House Administration to accompany H. Res. 1072. June 11, 1970. 1 p.
- 12195 1184. Consideration of H.R. 17070. Report from Committee on Rules to accompany H. Res. 1077. June 11, 1970. 1 p.
- 12196 1186. Amending clause 19 of rule 11 of Rules of House of Representatives with respect of lobbying practices and political campaign contributions affecting House of Representatives, and for other purposes. Report from Committee on Rules to accompany H. Res. 1031. June 11, 1970. 1 p.
- 12197 1187. Authorizing Speaker of House of Representatives to appoint special committee to investigate and report on campaign expenditures of candidates for House of Representatives. Report from Committee on Rules to accompany H. Res. 1062. June 11, 1970. 1 p.
- 12198 1188. Federal immunity of witnesses act. Report from Committee on Judiciary to accompany H.R. 11157. June 15, 1970. 45 p.
- 12199 1190. Salary increases for District of Columbia policemen, firemen, and teachers. Conference report to accompany H.R. 17138. June 15, 1970. 18 p.
- 12200 1193. Newspaper preservation act. Report together with individual views from Committee on Judiciary to accompany H.R. 279. June 15, 1970. 13 p.
- 12201 1195. State income tax withholding for interstate transportation employees. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 10634. June 15, 1970. 14 p.
- 12202 1202. Release of magnesium from stockpile. Conference report to accompany H.R. 15835. June 16, 1970. 2 p.
- 12203 1205. Release of manganese ore, battery grade, from stockpile. Conference report to accompany H.R. 16295. June 16, 1970. 3 p.
- 12204 1208. Release of molybdenum from stockpile. Conference report to accompany H.R. 16297. June 16, 1970. 2 p.
- 12205 1216. Consideration of H.R. 8673. Report from Committee on Rules to accompany H. Res. 1092. June 17, 1970. 1 p.
- 12206 1217. Consideration of H.R. 17654. Report from Committee on Rules to accompany H. Res. 1093. June 17, 1970. 1 p. [Corrected print.]
- 12207 1219. Public works for water pollution control, and power development and Atomic Energy Commission appropriation bill, 1971. Report from Committee on Appropriations to accompany H.R. 15127. June 18, 1970. 110 p.
- 12208 1220. Continuing appropriations, 1971. Report from Appropriations Committee to accompany H.J. Res. 1264. June 18, 1970. 7 p.
- 12209 1221. Custom slaughter exemption under Federal meat inspection act. Report from Committee on Agriculture to accompany S. 3592. June 18, 1970. 6 p.
- 12210 1222. Declaring that certain lands shall be held by United States in trust for Makah Indian Tribe, Washington. Report from Committee on Interior and Insular Affairs to accompany H.R. 9311. June 22, 1970. 5 p.
- 12211 1223. Consideration of H.R. 6715. Report from Committee on Rules to accompany H. Res. 1110. June 23, 1970. 1 p.
- 12212 1224. Consideration of H.R. 17825. Report from Committee on Rules to accompany H. Res. 1111. June 23, 1970. 1 p.
- 12213 1225. Amending Land and water conservation fund act of 1965, as amended, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 15913. June 24, 1970. 28 p.
- 12214 1226. National Commission on Libraries and Information Science act. Conference report to accompany S. 1519. June 24, 1970. 6 p.
- 12215 1227. 2d supplemental appropriations, 1970. Conference report to accompany H.R. 17399. June 24, 1970. 8 p.
- 12216 1239. Amendment of Federal youth corrections act to permit examiners to conduct interviews with youth offenders. Report from Committee on Judiciary to accompany S. 3564. June 25, 1970. 7 p.
- 12217 1240. War risk insurance extension. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 17133. June 25, 1970. 5 p.
- 12218 1241. Disposition of certain funds awarded to Tlingit and Haida Indians of Alaska. Conference report to accompany H.R. 12858. June 29, 1970. [2] p.
- 12219 1242. Consideration of H.R. 16065. Report from Committee on Rules to accompany H. Res. 1118. June 29, 1970. 1 p.
- 12220 1243. Consideration of H.R. 16327. Report from Committee on Rules to accompany H. Res. 1119. June 9, 1970. 1 p.

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

House reports on public bills, 91st Congress—Continued

- 12221 1244. Extension of time for final report by National Commission on Consumer Finance. Report from Committee on Banking and Currency to accompany H.J. Res. 1238. June 29, 1970. 3 p.
- 12222 1245. Ohio Northern University commemorative medals. Report from Committee on Banking and Currency to accompany H.R. 15118. June 29, 1970. 3 p.
- 12223 1246. Extension of marketing order authority to apples produced in Colorado, Utah, New Mexico, Illinois, and Ohio. Report from Committee on Agriculture to accompany S. 1455. June 29, 1970. 3 p.
- 12224 1247. Federal assistance for resource conservation and development projects. Report from Committee on Agriculture to accompany S. 3598. June 29, 1970. 6 p.
- 12225 1248. Apple advertising under Federal marketing orders. Report from Committee on Agriculture to accompany S. 1456. June 29, 1970. 5 p.
- 12226 1249. Increasing limitation on real estate loans made or insured by Farmers Home Administration. Report from Committee on Agriculture to accompany H.R. 11547. June 29, 1970. 3 p.
- 12227 1250. Almond advertising under Federal marketing orders. Report from Committee on Agriculture to accompany H.R. 13978. June 29, 1970. 5 p.
- 12228 1251. High-speed ground transportation extension. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 17538. June 29, 1970. 4 p.
- 12229 1260. Foreign postal debts owed to United States. 28th report by Committee on Government Operations; June 30, 1970. 1970. v+8 p.
- 12230 1261. Amending 1964 amendments to Alaska omnibus act. Report from Committee on Interior and Insular Affairs to accompany S. 778. June 30, 1970. 4 p.
- 12231 1262. Consideration of H.R. 279. Report from Committee on Rules to accompany H. Res. 1121. June 30, 1970. 1 p.
- 12232 1263. Emergency community facilities act of 1970. Report together with additional views from Committee on Banking and Currency to accompany H.R. 17795. June 30, 1970. 7 p.
- 12233 1264. Urban mass transportation assistance act of 1970. Report from Committee on Banking and Currency to accompany H.R. 18185. June 30, 1970. 24 p.
- 12234 1267. District of Columbia appropriations, 1971. Conference report to accompany H.R. 17868. June 30, 1970. 4 p.
- 12235 1272. Federal aid to fish and wildlife restoration acts. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 12475. July 1, 1970. 34 p.
- 12236 1273. Fisheries loan program. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 14124. July 1, 1970. 8 p.
- 12237 1274. Extension of financing for Corporation for Public Broadcasting. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 17982. July 1, 1970. 9 p.
- 12238 1276. United States involvement in southeast Asia. Report together with supplemental views from Select Committee on United States Involvement in Asia pursuant to H. Res. 976. July 6, 1970. 164 p. ll.  
L.C. card 76-608435
- 12239 1279. Report of 18th meeting of Canada-United States Interparliamentary Group, Mar. 10-11, 1970, Washington, D.C., Cape Kennedy, Fla., Houston and San Antonio, Tex., by Cornelius E. Gallagher, Chairman of House of Representatives delegation, pursuant to public law 42, 86th Congress; July 7, 1970. 1970. vii+10 p.  
L.C. card 61-61195
- 12240 1280. Providing for establishment of Apostle Islands National Lakeshore in State of Wisconsin, and for other purposes. Report together with dissenting views from Committee on Interior and Insular Affairs to accompany H.R. 9306. July 7, 1970. 15 p.
- 12241 1284. Extending boundaries of Toiyabe National Forest in Nevada, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 3279. July 8, 1970. 3 p.
- 12242 1286. Consideration of H.R. 11913. Report from Committee on Rules to accompany H. Res. 1129. July 8, 1970. 1 p.
- 12243 1288. Consideration of H.R. 14237. Report from Committee on Rules to accompany H. Res. 1131. July 8, 1970. 1 p.
- 12244 1289. Consideration of H.R. 17133. Report from Committee on Rules to accompany H. Res. 1132. July 8, 1970. 1 p.
- 12245 1292. National Foundation on the Arts and the Humanities amendments of 1970. Conference report to accompany S. 3215. July 10, 1970. 7 p.
- 12246 1294. Authorize disposition of certain D.C. property in Prince William County, Va. Report from Committee on District of Columbia to accompany H.R. 18086. July 10, 1970. 5 p.
- 12247 1296. Paid advertising for papayas. Report from Committee on Agriculture to accompany S. 2484. July 13, 1970. 4 p.
- 12248 1297. Heart disease, cancer, stroke, and kidney disease amendments of 1970. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 17570. July 13, 1970. 27 p.
- 12249 1298. National Science Foundation authorization act of 1971. Conference report to accompany H.R. 16595. July 13, 1970. 4 p.
- 12250 1307. Water bank act. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 15770. July 16, 1970. 16 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



- 12251 1311. Emergency home finance act of 1970. Conference report to accompany S. 3685. July 20, 1970. 20 p.
- 12252 1319. Network news documentary practices, CBS "Project Nassau". Report of Special Subcommittee on Investigations of Committee on Interstate and Foreign Commerce; July 20, 1970. 1970. iii+[1]+151 p. [Includes additional views.]  
L.C. card 73-608437
- 12253 1320. Economic poison standards for imported agricultural commodities. Report from Committee on Agriculture to accompany H.R. 15560. July 21, 1970. 5 p.
- 12254 1321. Department of Interior and related agencies appropriations, 1971. Conference report to accompany H.R. 17619. July 21, 1970. 12 p. [Corrected print.]
- 12255 1322. Establishment of program for research and promotion of wheat. Report from Committee on Agriculture to accompany H.R. 13543. July 22, 1970. 4 p.
- 12256 1363. Postal reorganization. Conference report to accompany H.R. 17070. Aug. 3, 1970. 90 p.

*Agriculture Committee, House*  
Washington, DC 20515

[Committee hearing] serial, 91st Congress.

- 12257 BB. Plant variety protection, hearing before Subcommittee on Departmental Operations on H.R. 13424 [and other bills], June 10, 1970. 1970. iv+111 p. † ● Item 1010  
L.C. card 75-608231 Y 4.Ag 8/1 : P 69/8

*Appropriations Committee, House*  
Washington, DC 20515

- 12258 Department of Defense appropriations for 1971, hearings before subcommittee, 91st Congress, 2d session.  
pt. 6. Research, development, test, and evaluation, Chairman, House Armed Services Committee, Chairman, Joint Chiefs of Staff, Penn Central Railroad financing, Secretary of Defense, testimony of Members of Congress and other individuals and organizations. 1970. ii+1097+xiv p. ii. † ● Item 1011  
L.C. card 61-60926 Y 4.Ap 6/1 : D 36/5/971/pt.6
- 12259 Departments of Labor and Health, Education, and Welfare appropriations for 1971, hearings before subcommittee, 91st Congress, 2d session.  
pt. 6. Related agencies: Railroad Retirement Board, National Mediation Board, Federal Mediation and Conciliation Service, National Labor Relations Board, Federal Radiation Council, National Credit Union Administration, United States Soldier's Home, President's Committee on Consumer Interests, Cabinet Committee on Opportunities for Spanish-Speaking People, President's Council on Youth Opportunity, Office of Economic Opportunity. 1970. ii+905+vii p. ii. † ● Item 1011  
L.C. card 79-606699 Y 4.Ap 6/1 : L 11/971/pt.6

*Armed Services Committee, House*  
Washington, DC 20515

- 12260 Investigations of My Lai incident, report of Armed Services Investigating Subcommittee, 91st Congress, 2d session, under authority of H. Res. 105; July 15, 1970. 1970. v+53 p. map. (Committee print.) \* Paper, 50c.  
L.C. card 73-608122 Y 4.Ar 5/2 : M 99

Papers, 91st Congress. † ● Item 1012 Y 4.Ar 5/2 a : 969-70/(nos.)

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

- 12261 56. Subcommittee on real estate hearings on draft of bill to authorize creation of defense facilities replacement fund to facilitate replacement and relocation of military installations and facilities, and for other purposes. May 15, 1970. p. 9157-76.
- 12262 58. Full committee consideration of H.R. 2499 [and other bills], and Navy re-programing request, appropriation no. 70-95. June 2, 1970. p. 9203-22.
- 12263 60. Health benefit programs of Armed Forces, report by Subcommittee on Supplemental Service Benefits, 91st Congress, 2d session, July 3, 1970. 1970. v+9257-86 p.  
L.C. card 70-608333
- 12264 61. Subcommittee on Seapower hearings on territorial sea boundaries. June 25, 1970. p. 9287-9304.
- 12265 63. Full committee consideration of stockpile disposal bills, H.R. 15833 [and other bills]. Mar. 5, 1970. p. 9443-56.

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

*Banking and Currency Committee, House*  
Washington, DC 20515

- 12266 Housing and urban development legislation, 1970, hearings before Subcommittee on Housing, 91st Congress, 2d session.  
pt. 1. June 2-5, 1970. x+443 p. il. † ● Item 1013  
L.C. card 78-608406 Y 4.B 22/1 : H 81/46/970/pt.1
- 12267 To extend Defense production act of 1950, as amended, hearings 91st Congress, 2d session, on H.R. 17880, June 16-July 6, 1970. 1970. vi+567 p. il. † ● Item 1013  
L.C. card 78-608248 Y 4.B 22/1 : D 36/2/970

*District of Columbia Committee, House*  
Washington, DC 20515

- 12268 Home rule, hearings before subcommittee no. 3, 91st Congress, 2d session, on H.R. 11216 [and other bills], Mar. 10-July 9, 1970. 1970. v+473 p. † ● Item 1014  
L.C. card 76-608250 Y 4.D 63/1 : H 75/4/970

*Education and Labor Committee, House*  
Washington, DC 20515

- 12269 Legislative history, Federal coal mine health and safety act; Mar. 1970. 1970. iii+1151 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 75-607419 Y 4.Ed 8/1 : C 63/5

*Foreign Affairs Committee, House*  
Washington, DC 20515

- 12270 Expansion of United Nations Headquarters, hearing before Subcommittee on International Organizations and Movements, 91st Congress, 2d session, on H.J. Res. 1146, Apr. 23, 1970. 1970. iii+42 p. † ● Item 1017  
L.C. card 72-608233 Y 4.F 76/1 : Un 34/14
- 12271 Foreign policy implications of U.S. participation in Inter-American Development Bank, hearings before Subcommittee on Inter-American Affairs, 91st Congress, 2d session, May 7 and June 4, 1970. 1970. iii+104 p. † ● Item 1017  
L.C. card 71-608048 Y 4.F 76/1 : In 8/45
- 12272 Report of special study mission to Near East, Jan. 15-29, 1970, by Peter H. B. Frelinghuysen, N.J., Chairman, Edward J. Derwinski, Illinois, [and] Sherman P. Lloyd, Utah, pursuant to H. Res. 143; Apr. 29, 1970. 1970. viii+26 p. il. (Committee print, 91st Cong., 2d session.) ‡  
L.C. card 78-607886 Y 4.F 76/1 : Ea 7/9
- 12273 South Pacific Commission, hearing before Subcommittee on International Organizations and Movements, 91st Congress, 2d session, on H.J. Res. 1162, Apr. 29, 1970. 1970. iii+25 p. map. † ● Item 1017  
L.C. card 79-608232 Y 4.F 76/1 : So 8/6/970

*Government Operations Committee, House*  
Washington, DC 20515

- Organizing Federal consumer activities, hearings before subcommittee, 91st Congress, 2d session, on H.R. 6037 (revised) and related bills.  
2274 pt. 2. Apr. 13 and 17, 1970. 1970. iii+181 p. † ● Item 1016  
L.C. card 73-606073 Y 4.G 74/7 : C 76/8/pt.2

*Interior and Insular Affairs Committee, House*  
Washington, DC 20515

- [Committee hearings] serial, 91st Congress. † ● Item 1023  
Y 4.In 8/14 : 91 (nos.)
- 12275 17. Oil imports controls, hearings before Subcommittee on Mines and Mining, 91st Congress, 2d session, Mar. 9-Apr. 24, 1970. 1970. x+757 p. il.  
L.C. card 72-608339

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

SEPTEMBER 1970

- 12276 23. Navajo Indian irrigation project, hearing before Subcommittee on Irrigation and Reclamation, 91st Congress, 2d session, on S. 203 and H.R. 13001, June 11, 1970. 1970. iii+57 p.  
L.C. card 76-608234

*Internal Security Committee, House*  
Washington, DC 20515

- 12277 Subversive involvement in origin, leadership, and activities of New Mobilization Committee to End War in Vietnam, and its predecessor organizations, staff study [prepared by William Poole], 91st Congress, 2d session. 1970. xiv+70 p. † xviii p. (Committee print.) \* Paper, 45c. ● Item 1026  
L.C. card 78-608457 Y 4.In 8/15: N 42 m

*Interstate and Foreign Commerce Committee, House*  
Washington, DC 20515

[Committee hearings] serial, 91st Congress. † ● Item 1019

Y 4.In 8/4: 91 (nos.)

- 12278 63. Air freight forwarder certification, hearing before Subcommittee on Transportation and Aeronautics, 91st Congress, 2d session, on H.R. 9227, H.R. 10687, and H.R. 12831, June 22, 1970. 1970. iii+48 p.  
12279 64. Comprehensive health planning and regional medical programs, hearings before Subcommittee on Public Health and Welfare, 91st Congress, 2d session, on H.R. 15960 and H.R. 17570, and similar bills, June 1-4, 1970. 1970. vi+300 p. ll.  
L.C. card 73-608236

*Merchant Marine and Fisheries Committee, House*  
Washington, DC 20515

[Committee hearings] serial, 91st Congress.

- 12280 26. Tule elk, shooting animals from aircraft, hearing before Subcommittee on Fisheries and Wildlife Conservation, 91st Congress, 2d session, on H.R. 14603 [and other bills], Mar. 16, 1970. 1970. iv+149 p. ll. 4 maps. † ● Item 1021  
L.C. card 70-608219 Y 4.M 53: 91-26

*Post Office and Civil Service Committee, House*  
Washington, DC 20515

[Committee hearings] serial, 91st Congress.

- 12281 24. Postal rates and revenue and cost analysis, hearings before Subcommittee on Postal Rates, 91st Congress, 2d session, Apr. 15-June 2, 1970. 1970. v+377 p. ll. † ● Item 1022 Y 4.P 84/10: 91-24

*Science and Astronautics Committee, House*  
Washington, DC 20515

[Papers], 91st Congress, 2d session. † ● Item 1025-A

Y 4.Sci 2: 91-2/(nos.)

- 12282 19. Apollo 13 accident, hearings, 91st Congress, 2d session, June 16, 1970. 1970. iii+274 p. ll. †  
L.C. card 71-608249  
12283 21. Technology assessment, 1970, hearings before Subcommittee on Science, Research, and Development, 91st Congress, 2d session, on H.R. 17046, May 20-June 3, 1970. 1970. iv+337 p. ll.  
L.C. card 75-608337  
12284 Publications of Committee on Science and Astronautics from Feb. 1959-Aug. 1969. 1969. iv+12 p. (Committee print.) †  
L.C. card 74-607597 Y 4.Sci 12: P 96/959-69-2

*Small Business, Select Committee on, House*  
Washington, DC 20515

- 12285 SBA lease guarantee (Old Dominion Sugar Corp.), hearings before Subcommittee on Small Business Problems in Smaller Towns and Urban Areas, 91st Congress, 2d session, pursuant to H. Res. 66, Feb. 19 and 25, 1970. 1970. iv+290+A326 p. ll. † ● Item 1031  
L.C. card 70-607809 Y 4.Sm 1: L 48

☛For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

*Ways and Means Committee, House*  
Washington, DC 20515

- 12286 4th annual report of President of United States on international coffee agreement, submitted to Congress, Aug. 5, 1969. 1969. v+1-13 p. il. (Committee print, 91st Cong. 1st sess.) †  
L.C. card 66-60904 Y 4.W 36: C 65/2/969
- 12287 Tariff and trade proposals, hearings, 91st Congress, 2d session, May 11-June 25, 1970. ● Item 1028  
L.C. card 75-608223 Y 4.W 36: T 17/178/pt. (nos.)
- pt. 1. May 11, 1970. 1970. xl+1-297 p. il. \* Paper, \$1.25.  
pt. 2. May 12 and 13, 1970. 1970. xl+299-643 p. \* Paper, \$1.50.  
pt. 3. May 14 and 18, 1970. 1970. xl+645-1000 p. il. \* Paper, \$1.50.  
pt. 4. May 19, 1970. 1970. xl+1001-1210 p. \* Paper, \$1.00.  
pt. 5. May 20 and 21, 1970. 1970. xl+1211-1615 p. il. \* Paper, \$1.75.  
pt. 6. May 22 and June 1, 1970. 1970. xl+1617-1959 p. \* Paper, \$1.50.  
pt. 7. June 2, 1970. 1970. xl+1961-2177 p. il. \* Paper, \$1.00.  
pt. 8. June 3, 1970. 1970. xl+2179-2395 p. il. \* Paper, \$1.00.  
pt. 9. June 4, 1970. 1970. xl+2397-2651 p. il. \* Paper, \$1.25.  
pt. 10. June 5 and 8, 1970. 1970. xl+2653-3049 p. il. \* Paper, \$1.75.  
pt. 11. June 9, 1970. 1970. xl+3051-3344 p. il. \* Paper, \$1.25.  
pt. 12. June 10, 1970. 1970. xl+3345-3640 p. il. \* Paper, \$1.25.  
pt. 13. June 11, 1970. 1970. xl+3641-3833 p. il. \* Paper, \$1.00.  
pt. 14. June 12 and 15, 1970. 1970. xl+3835-4155 p. il. \* Paper, \$1.50.  
pt. 15. June 16 and 17, 1970. 1970. xl+4157-4416 p. il. \* Paper, \$1.25.  
pt. 16. June 25, 1970. 1970. xl+4417-4651 p. \* Paper, \$1.25.

PRINTING JOINT COMMITTEE  
Washington, DC 20510

- 12288 [Government paper specification standards no. 6] Change. Aug. 1, 1970. [8] leaves, 4° [Issued in looseleaf form.] \* Paper, \$2.00 (including supplementary material for an indefinite period); 50c. additional for basic publication and foreign mailing. ● Item 1004-B  
Y 4.P 93/1: 7/6/ch.-5

SENATE  
Washington, DC 20510

*Senate documents*

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 91st Congress.

- 12289 78. 1970 annual report on urban area traffic operations improvement programs (topics), report of Secretary of Transportation pursuant to sec. 10. Public law 90-495, Federal aid highway act of 1968; July 17, 1970. 1970. v+35 p. il. † ● Item 996
- 12290 88. Proposed amendment to 1971 budget for Office of Emergency Preparedness. June 3, 1970. 2 p. † ● Item 996
- 12291 95. Proposed amendment to 1971 budget for Interstate Commerce Commission. July 27, 1970. 2 p. † ● Item 996

*Senate reports*

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 91st Congress. † Senate Document Room, Capitol. ● Item 1008-B

- 12292 938. Sale of reserved mineral rights in certain lands in California. Report from Committee on Interior and Insular Affairs to accompany H.R. 3908. June 22, 1970. 5 p. [Relief of Elizabeth B. Borgnino.]
- 12293 942. Konrad Ludwig Staudinger. Report from Committee on Judiciary to accompany S. 737. June 24, 1970. 8 p.
- 12294 943. Mrs. Wanda Martens. Report from Committee on Judiciary to accompany S. 783. June 24, 1970. 8 p.
- 12295 944. Kathryn Talbot. Report from Committee on Judiciary to accompany S. 2661. June 24, 1970. 4 p.
- 12296 945. Curtis Nolan Reed. Report from Committee on Judiciary to accompany S. 3212. June 24, 1970. 7 p.
- 12297 946. Maria Pierotti Lenzi. Report from Committee on Judiciary to accompany S. 3263. June 24, 1970. 5 p.
- 12298 947. Dr. Amado G. Chanco, jr. Report from Committee on Judiciary to accompany S. 3461. June 24, 1970. 4 p.

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

- 12299 948. Ming Chang. Report from Committee on Judiciary to accompany S. 3675. June 24, 1970. 6 p.
- 12300 950. Alfredo Caprara. Report from Committee on Judiciary to accompany H.R. 1695. June 24, 1970. 8 p.
- 12301 951. Josehna Policar Abutan Fullar. Report from Committee on Judiciary to accompany H.R. 2315. June 24, 1970. 6 p.
- 12302 952. Providing for admission to United States of certain inhabitants of Bonin Islands. Report from Committee on Judiciary to accompany H.R. 4574. June 24, 1970. 5 p.
- 12303 953. Kimball Bros. Lumber Co. Report from Committee on Judiciary to accompany H.R. 13740. June 24, 1970. 6 p.
- 12304 955. Arline and Maurice Loader. Report from Committee on Judiciary to accompany S. 2514. June 24, 1970. 5 p.
- 12305 956. Kimoko Ann Duke. Report from Committee on Judiciary to accompany S. 3167. June 24, 1970. 7 p.
- 12306 957. Mrs. Anita Ordillas. Report from Committee on Judiciary to accompany S. 3265. June 24, 1970. 3 p.
- 12307 958. Dr. Jorge Raul Jose Bruno Martorell y Fernandez (Jorge R. Martorell). Report from Committee on Judiciary to accompany S. 3364. June 24, 1970. 5 p.
- 12308 965. Marcos Rojos Rodriguez. Report from Committee on Judiciary to accompany S. 1187. June 25, 1970. 5 p.
- 12309 968. Joeck Kunczek. Report from Committee on Judiciary to accompany H.R. 1698. June 25, 1970. 6 p.
- 12310 969. John Thomas Cosby, jr. Report from Committee on Judiciary to accompany H.R. 2275. June 25, 1970. 3 p.
- 12311 970. Estate of Pierre Samuel Du Pont Darden. Report from Committee on Judiciary to accompany H.R. 3348. June 25, 1970. 7 p.
- 12312 974. Carleton K. McQuown. Report from Committee on Judiciary to accompany S. Res. 193. June 25, 1970. 7 p.
- 12313 978. Roseanne Jones. Report from Committee on Judiciary to accompany H.R. 2047. June 26, 1970. 7 p.
- 12314 979. Pedro Irizarry Guido. Report from Committee on Judiciary to accompany H.R. 5000. June 26, 1970. 10 p.
- 12315 980. Arthur Jerome Olinger, a minor. Report from Committee on Judiciary to accompany S. 703. June 26, 1970. 6 p.
- 12316 981. Irene Sadowska Sullivan. Report from Committee on Judiciary to accompany S. 1785. June 26, 1970. 23 p.
- 12317 993. Kyung Ae Oh. Report from Committee on Judiciary to accompany S. 3600. June 30, 1970. 10 p.

Senate reports on public bills, 91st Congress. † Senate Document Room, Capitol. ● Item 1008-A

- 12318 792. Authorizing Committee on Labor and Public Welfare to study research activities conducted to ascertain causes and develop cures to eliminate cancer. Report from Committee on Rules and Administration to accompany S. Res. 376. Apr. 23, 1970. 3 p.
- 12319 802. To print as Senate document report of Secretary of Health, Education, and Welfare, entitled National emission standards study. Report from Committee on Rules and Administration to accompany S. Res. 372. Apr. 23, 1970. 2 p.
- 12320 855. Authorizing Secretary of Interior to study feasibility and desirability of national lakeshore on Lake Tahoe in Nevada. Report from Committee on Interior and Insular Affairs to accompany S. 2208. May 11, 1970. 8 p. il.
- 12321 900. Authorizing printing of additional copies of Senate hearings on space program benefits. Report from Committee on Rules and Administration to accompany S. Con. Res. 66. May 27, 1970. 2 p.
- 12322 922. Designating Mount Baldy, Pine Mountain, and Sycamore Canyon Wilderness areas. Report from Committee on Interior and Insular Affairs to accompany S. 710. June 10, 1970. 25 p.
- 12323 923. Revision of boundaries of Canyonlands National Park in Utah. Report from Committee on Interior and Insular Affairs to accompany S. 26. June 11, 1970. 13 p.
- 12324 931. Continuation of duty-free status of certain dyeing and tanning materials. Report from Committee on Finance to accompany H.R. 14956. June 16, 1970. 2 p.
- 12325 939. Extension of reporting date for National Commission on Consumer Finance. Report from Committee on Banking and Currency to accompany S.J. Res. 201. June 23, 1970. 2 p.
- 12326 940. Suspension of duty of L-Dopa. Report from Committee on Finance to accompany H.R. 8512. June 23, 1970. 4 p.
- 12327 941. Temporary extensions of Clean air and solid waste disposal act. Report from Committee on Public Works to accompany S. 4012. June 23, 1970. 1 p.
- 12328 949. Independent offices and Department of Housing and Urban Development appropriation bill, 1971. Report from Committee on Appropriations to accompany H.R. 17548. June 24, 1970. 35 p.
- 12329 954. Amending sec. 213 of Immigration and nationality act, and for other purposes. Report from Committee on Judiciary to accompany H.R. 14118. June 24, 1970. 4 p.
- 12330 960. Amending Railroad retirement act of 1937 to provide temporary 15 percent increase in annuities. Report from Committee on Labor and Public Welfare to accompany H.R. 15733. June 24, 1970. 14 p.

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Senate reports on public bills, 91st Congress—Continued

- 12331 961. Plymouth-Provincetown Celebration Commission. Report from Committee on Judiciary to accompany S. 2916. June 25, 1970. 3 p.
- 12332 962. National Parks Centennial Commission. Report from Committee on Judiciary to accompany H.J. Res. 546. June 25, 1970. 5 p.
- 12333 963. Ohio State University centennial. Report from Committee on Judiciary to accompany H. Con. Res. 573. June 25, 1970. 2 p.
- 12334 964. Ohio Northern University centennial. Report from Committee on Judiciary to accompany H. Con. Res. 575. June 25, 1970. 2 p.
- 12335 971. Discontinuance of annual report to Congress as to administrative settlement of personal property claims of military personnel and civilian employees. Report from Committee on Judiciary to accompany H.R. 4246. June 25, 1970. 5 p.
- 12336 973. Consenting to amendment of Pacific marine fisheries compact. Report from Committee on Judiciary to accompany H.R. 13407. June 25, 1970. 12 p.
- 12337 977. Hood River County, Oreg. Report from Committee on Judiciary to accompany H.R. 914. June 26, 1970. 10 p.
- 12338 982. Public debt limit. Report from Committee on Finance to accompany H.R. 17802. June 26, 1970. 14 p.
- 12339 983. National Science Foundation authorization act of 1971. Report from Committee on Labor and Public Welfare to accompany H.R. 16595. June 26, 1970. 73 p.
- 12340 984. Extension of Public works and economic development act of 1965. Report from Committee on Public Works to accompany H.R. 15712. June 26, 1970. 8 p.
- 12341 986. Pan American Institute of Geography and History. Report from Committee on Foreign Relations to accompany H.J. Res. 746. June 29, 1970. 14 p.
- 12342 987. Department of Agriculture and related agencies appropriation bill, 1971. Report from Committee on Appropriations to accompany H.R. 17923. June 29, 1970. 57 p. [Corrected print.]
- 12343 988. Changing name of Pleasant Valley Canal, Calif., to Coalinga Canal. Report from Committee on Interior and Insular Affairs to accompany H.J. Res. 224. June 29, 1970. 2 p.
- 12344 989. Establishing Capitol Reef National Park in Utah. Report from Committee on Interior and Insular Affairs to accompany S. 531. June 29, 1970. 5 p.
- 12345 990. Arches National Park. Report from Committee on Interior and Insular Affairs to accompany S. 532. June 20, 1970. 7 p.
- 12346 995. Amending District of Columbia cooperative association act. Report from Committee on District of Columbia to accompany H.R. 17711. June 30, 1970. 6 p.
- 12347 996. Eligibility of American Samoa banks for Federal deposit insurance. Report from Committee on Banking and Currency to accompany S. 3366. June 30, 1970. 6 p.
- 12348 998. Full opportunity act. Report from Committee on Labor and Public Welfare to accompany S. 5. July 1, 1970. 14 p.
- 12349 999. To prevent unauthorized manufacture and use of character "Johnny Horizon". Report from Committee on Interior and Insular Affairs to accompany S. 3338. July 1, 1970. 6 p.
- 12350 1005. Authorizing Secretary of Interior to construct, operate, and maintain Minot Extension of Garrison Diversion Unit, N. Dak. Report from Committee on Interior and Insular Affairs to accompany S. 2808. July 8, 1970. 9 p.
- 12351 1009. Legislative branch appropriation bill, 1971. Report from Committee on Appropriations to accompany H.R. 16915. July 8, 1970. 29 p.
- 12352 1016. Authorizing appropriations for fiscal year 1971 for military procurement, research and development, for construction of facilities for safeguard antiballistic missile system, reserve component strength, and for other purposes. Report together with individual views from Committee on Armed Services to accompany H.R. 17123. July 14, 1970. 121 p.
- 12353 1028. To print as Senate document report by Secretary of Health, Education, and Welfare entitled Air pollution abatement by Federal facilities. Report from Committee on Rules and Administration to accompany S. Res. 421. July 15, 1970. 2 p.
- 12354 1029. To print as Senate document report of Secretary of Transportation, 1970 annual report on urban area traffic operations improvement programs. Report from Committee on Rules and Administration to accompany S. Res. 427. July 15, 1970. 2 p.
- 12355 1033. Joint Committee on Environment. Report from Committee on Commerce, Interior and Insular Affairs, and Public Works to accompany S.J. Res. 207. July 22, 1970. 8 p.

*Aging, Special Committee on, Senate*  
Washington, DC 20510

- 12356 Economics of aging, toward a full share in abundance, hearings, 91st Congress, 1st session.  
pt. 7. International perspectives, Washington, D.C., Aug. 25, 1969. 1970. III +1025-1083 p. \* Paper, 30c. ● Item 1009 Y 4. Ag 4: Ec 7/pt. 7
- 12357 Legal problems affecting older Americans, working paper, Aug. 1970; [prepared by Legal Research and Services for the Elderly, National Council of Senior Citizens, Inc.]. 1970. ix+60 p. (Committee print, 91st Congress, 2d session.) \* Paper, 30c. Y 4. Ag 4: O1 1/2  
L.C. card 71-608431

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available



SEPTEMBER 1970

*Banking and Currency Committee, Senate*  
Washington, DC 20510

- 12358 Federal share insurance for credit unions, hearings before Subcommittee on Financial Institutions, 91st Congress, 2d session, on S. 3822, June 18 and 19, 1970. 1970. iv+152 p. † ● Item 1035  
L.C. card 76-608218 Y 4.B 22/3 : C 86/12
- 12359 Foreign bank secrecy, hearings before Subcommittee on Financial Institutions, 91st Congress, 2d session, on S. 3678 and H.R. 15073, June 8-11, 1970. 1970. vi+350 p. il. † ● Item 1035  
L.C. card 72-608217 Y 4.B 22/3 : F 76/3

*Commerce Committee, Senate*  
Washington, DC 20510

- [Committee hearings] serial, 91st Congress. † ● Item 1041  
Y 4.C 73/2 : 91-(nos.)
- 12360 60. Effects of 2,4,5-T on man and environment, hearings before Subcommittee on Energy, Natural Resources, and Environment, 91st Congress, 2d session, Apr. 7 and 15, 1970. 1970. v+471 p. il.  
L.C. card 74-608239
- 12361 61. Environmental effects of energy generation on Lake Michigan, hearing before Subcommittee on Energy, Natural Resources, and Environment, 91st Congress, 2d session, Mar. 30, 1970. 1970. iii+87 p. il.
- 12362 67. Maritime program, hearings before Merchant Marine Subcommittee, 91st Congress, 2d session, on S. 3287, Mar. 2-4, 1970. 1970. iv+812 p. il.  
L.C. card 71-608510

*District of Columbia Committee, Senate*  
Washington, DC 20510

- 12363 Staff study on drug abuse in Washington area. 1969. ii+40 p. (Committee print, 91st Congress, 1st session.) \* Paper, 20c.  
L.C. card 79-603358 Y 4.D 63/2 : D 84

*Foreign Relations Committee, Senate*  
Washington, DC 20510

- 12364 International Monetary Fund, International Bank for Reconstruction and Development, Asian Development Bank Special Funds, hearing, 91st Congress, 2d session, on S. 3628 and S. 3543, May 6, 1970. 1970. iii+88 p. il. † ● Item 1039  
L.C. card 70-608246 Y 4.F 76/2 : In 8/38

*Government Operations Committee, Senate*  
Washington, DC 20510

- 12365 International negotiation, hearings before Subcommittee on National Security and International Operations, 91st Congress, 2d session.  
pt. 2. With Leonard Schapiro, Apr. 16, 1970. 1970. iii+29-66 p. † ● Item 1037  
L.C. card 77-605716 Y 4.G 74/6 : N 31/pt.2

*Interior and Insular Affairs Committee, Senate*  
Washington, DC 20510

- 12366 Control of starfish, hearing before Subcommittee on Territories and Insular Affairs, 91st Congress, 2d session, on S. 3153 and S. 3479, Mar. 18, 1970. 1970. iv+58 p. † ● Item 1040  
L.C. card 76-608399 Y 4.In 8/13 : St 2
- 12367 Land and water conservation fund, hearing before Subcommittee on Parks and Recreation, 91st Congress, 2d session, on S. 3505, May 18, 1970. 1970. iii+46 p. † ● Item 1040  
L.C. card 77-608237 Y 4.In 8/13 : L 22/3/970
- 12368 National land use policy, hearings, 91st Congress, 2d session, on S. 3354.  
pt. 1. Mar. 24-Apr. 29, 1970. 1970. v+1-414 p. il. † ● Item 1040  
L.C. card 79-608240 Y 4.In 8/13 : L 22/4/pt.1

GOVERNMENT PUBLICATIONS

*Judiciary Committee, Senate*  
Washington, DC 20510

- 12369 Castro's broken pledges, memorandum prepared for Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, by Legislative Reference Service of Library of Congress. 1970. vii+14 p. (Committee print, 91st Congress, 2d session.) \* Paper, 15c.  
L.C. card 72-608418 Y 4.J 89/2 : C 27/2
- 12370 Electoral college reform, hearings before Committee on Judiciary, 91st Congress, 2d session, on amending Constitution relating to electoral college reform, Apr. 15-17, 1970. 1970. iii+371 p. † ● Item 1042  
L.C. card 73-608244 Y 4.J 89/2 : E1 2/5
- 12371 Preventive detention, hearings before Subcommittee on Constitutional Rights, 91st Congress, 2d session, May 20-June 19, 1970. 1970. vii+1356 p. il. \* Paper, \$5.50 ● Item 1042  
L.C. card 72-608241 Y 4.J 80/2 : P 92/12

*Labor and Public Welfare Committee, Senate*  
Washington, DC 20510

- 12372 Alcohol abuse and alcoholism prevention, treatment, and rehabilitation, hearings before Special Subcommittee on Alcoholism and Narcotics, 91st Congress, 2d session, on S. 3835, May 21 and 25, 1970. 1970. iv+181 p. \* Paper, 70c. ● Item 1043  
L.C. card 70-608243 Y 4.L 11/2 : A1 1/3
- 12373 Economic opportunity act of 1964, as amended, prepared for Subcommittee on Employment, Manpower, and Poverty; Apr. 1970. 1970. ii+85 p. (Committee print, 91st Congress, 2d session.) †  
L.C. card 70-607447 Y 4.L 11/2 : Ec 7/2/970
- 12374 Environmental quality education act, hearings before Subcommittee on Education, 91st Congress, 2d session on S. 3151, S. 3237, S. 3809, May 19 and 20, 1970. 1970. v+451 p. il. † ● Item 1043  
L.C. card 74-608220 Y 4.L 11/2 : En 8
- 12375 Family practice of medicine, hearings before Subcommittee on Health, 91st Congress, 2d session, on S. 3418, July 8 and 9, 1970. 1970. v+148 p. il. † ● Item 1043  
L.C. card 79-608216 Y 4.L 11/2 : M 46/15
- 12376 Jobs program (job opportunities in business sector), background information, prepared for Subcommittee on Employment, Manpower, and Poverty; Apr. 1970. 1970. iv+177 p. (Committee print, 91st Congress, 2d session.) †  
L.C. card 76-607446 Y 4.L 11/2 : J 57/2
- 12377 Manpower development and training legislation, 1970, hearings before Subcommittee on Employment, Manpower, and Poverty, 91st Congress, 1st and 2d sessions, on S. 3867, S. 2838, [and] S. 3878.  
pt. 3. Mar. 19-Apr. 18, 1970. 1970. ix+1093-2157 p. il. [Hearings held in Washington, D.C., San Francisco and Oakland, Calif.] † ● Item 1043  
L.C. card 71-606928 Y 4.L 11/2 : M 31/7/970/pt.3
- 12378 Migrant and seasonal farmworker powerlessness, hearings before Subcommittee on Migratory Labor, 91st Congress, 1st session.  
pt. 3-B. Efforts to organize, July 16 and 17, 1969. 1970. v+871-1181 p. † ● Item 1043  
L.C. card 77-607666 Y 4.L 11/2 : M 58/8/pt.3-B
- 12379 Oversight of medical care of veterans wounded in Vietnam, hearings before Subcommittee On Veterans Affairs, 91st Congress, 2d session.  
pt. 2. On patient care at Wadsworth Hospital, VA Center, Los Angeles, Calif., Apr. 28, 1970. 1970. iii+599-921 p. il. † ● Item 1043  
L.C. card 72-606298 Y 4.L 11/2 : M 46/14/pt.2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

*Public Works Committee, Senate*  
Washington, DC 20510

- 12380 Air pollution, 1970, hearings before Subcommittee on Air and Water Pollution, 91st Congress, 2d session, on S. 3229, and S. 3546.  
pt. 4. Mar. 26-May 27, 1970. 1970. v+1179-1570 p. il. [Hearing of Apr. 1, 1970, held in Los Angeles, Calif.] \* Paper, \$1.50. ● Item 1045  
L.C. card 76-607821 Y 4.P 96/10 : A1 7/970/pt.4
- 12381 Federal response to hurricane Camille, hearings before Special Subcommittee on Disaster Relief, 91st Congress, 2d session, S. 3619 [and] S. 3745. † ● Item 1045  
L.C. card 78-606889 Y 4.P 96/10 : C 14/pt. (nos.)  
pt. 4. Apr. 27-29, 1970. 1970. v+1403-2042 p. il.  
pt. 5. May 21 and 22, 1970. v+2043-2568 p. il.
- 12382 Small watershed program, 12 projects located in Arkansas, Georgia, Indiana, Maryland, North Dakota, Oregon, South Carolina, and Texas, hearing before Subcommittee on Flood Control, Rivers and Harbors, 91st Congress, 2d session, Apr. 22, 1970. 1970. iii+41 p. † ● Item 1045  
L.C. card 75-608215 Y 4.P 96/10 : W 31/2

*Small Business, Select Committee on, Senate*  
Washington, DC 20510

- 12383 Competitive problems in drug industry, hearings before Subcommittee on Monopoly, 91st Congress, 2d session, on present status of competition in pharmaceutical industry. ● Item 1049  
L.C. card 67-62381 Y 4.Sm 1/2 : D 84/pt. (nos.)  
pt. 16. Oral contraceptives (v. 2), Feb. 24-Mar. 4, 1970. 1970. vi+6447-6837 p. il.  
\* Paper, \$1.50.  
pt. 17. Oral contraceptives (v. 3), appendixes. 1970. v+6839-7324 p. il. \* Paper, \$2.25.

**CONSUMER AND MARKETING SERVICE, Agriculture Dept.**  
Washington, DC 20250

- 12384 Cotton gin equipment, July 1970. July 30, 1970. [2] p. narrow f° (Market News Section, Cotton Division, Memphis, Tenn.) † A 88.11/19: 970
- 12385 Cotton varieties planted, 1966-70. July 1970. cover title, 30 p. il. 4° (Cotton Division.) [Table of contents on p. 2 of cover.] † Consumer and Marketing Service, Market News Section, Cotton Division, P.O. Box 17723, Memphis, TN 38117  
L.C. card 55-59365 A 88.11/13: 966-70
- 12386 Institutional meat purchase specifications for fresh lamb and mutton, series 200, approved by USDA, effective July 1970. [1970.] iv+3 p. il. 4° (Livestock Division.) \* Paper, 10c. ● Item 24-N A 88.17/4: L 16/970  
PMG (series). † ● Item 18-D A 88.26/5: (nos.)
- 12387 13. 1971 egg marketing guide for Jan.-June 1971. [July 1970.] 10 p. 4°  
12388 14. Fourth quarter 1970 broiler marketing guide. [July 1970.] 11 p. 4°
- 12389 United States standards for grades of canned peas and carrots, effective July 20, 1970. 1st issue. [June 12, 1970.] [2]+7 p. 4° [Published in Federal Register of June 19, 1970.] † A 88.6/2: P 32/3
- 12390 United States standards for grades of frozen corn-on-the-cob, effective July 27, 1970. 3d issue. [1970.] [2]+7 p. 4° [Published in Federal register, June 26, 1970. Supersede standards which have been in effect since May 15, 1958.] † A 88.6/2: C 814/3
- 12391 USDA grades help you choose. [1970.] 10 posters, each 20 x 15 in. [Issued in envelope.] \* Paper, \$1.75. A 88.38: G 75

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

DEFENSE DEPARTMENT  
Washington, DC 20301

- 12392 Federal item identification guides: Chain and wire rope, Mar. 6, 1970, Change 1. July 17, 1970. [8] p. 4° (FIIG A082; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in loose-leaf form.] \* Paper, 10c. ● Item 314-A D 7.6/4: C 34/ch.1
- 12393 — Hose, pipe, and tube fittings, Sept. 8, 1967, Change 1. July 17, 1970. [25] p. 4° (FIIG A080; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] \* Paper, 25c. ● Item 314-A D 7.6/4: H 79/ch.1
- 12394 — Soaps, Mar. 20, 1970, Changes 1. July 10, 1970. [8] p. 4° (FIIG T004; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] \* Paper, 10c. ● Item 314-A D 7.6/4: So 1/ch.1
- 12395 — Subsistence, May 15, 1970, Change 1. Aug. 7, 1970. [18] p. 4° (FIIG T113, Change 1; Defense Supply Agency, Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] \* Paper, 20c. ● Item 314-A D 7.6/4: Su 1/2/ch.1
- 12396 Federal supply catalog: Consolidated master cross reference list, C-RI-1-CB2, Change bulletin 2; [published by Defense Logistics Services Center]. July 1, 1970. 4 v, cover titles, [viii]+1395 p. 4° [Issued with perforations.] \* Paper, \$175.00 a yr. (including basic list and supplementary material); \$28.00 additional for foreign mailing. ● Item 314-L D 7.20: 970/ch.2/v.1-4
- Military standard MIL STD (series). [Issued with perforations.] †  
● Item 314-J D 7.10: (nos.)
- 12397 220J. Electron tubes, selection of, notice 2. June 2, 1970. [8] leaves+2 p. 4° (FSC 5960.)
- 12398 1487. Glossary of cloth coating imperfections. June 1, 1970. iv+7 p. 4° (FSC 8305.)
- 12399 Military standard transportation and movement procedures MILSTAMP [joint regulation, Aug. 1, 1966, Change] 12. July 1, 1970. [57] p. 4° (DoD 4500.32-R; Defense Supply Agency.) [Incorporates changes developed by agreement among Military Departments, Coast Guard, and General Services Administration, in coordination with Defense Supply Agency. Supersedes Interim change 12-1, May 7, 1970.] † ● Item 309 D 1.6: M 59/ch.12

DISTRICT COURTS

- 12400 Report of Jan. 1970 grand jury, United States District Court, northern district of Illinois, eastern division. [Corrected edition.] [1970.] cover title, 1+132 p. 1 pl. [Black Panther Party investigation.] \* Paper, 50c. ● Special offer  
L.C. card 76-608041 Ju 4.2: G 76

ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President  
Washington, DC 20506

- Community profiles. (Information Center.)
- |       |   |                     |
|-------|---|---------------------|
| 12401 | Alamance County, N.C. [1970.] cover title, 48 p. 4° †   | PrEx 10.9/5: A1 1   |
| 12402 | Alexander County, N.C. [1970.] cover title, 47 p. 4° †  | PrEx 10.9/5: A1 2   |
| 12403 | Allegheny County, N.C. [1970.] cover title, 47 p. 4° †  | PrEx 10.9/5: A1 5   |
| 12404 | Allen County, Ohio. [1970.] cover title, 48 p. 4° †     | PrEx 10.9/5: A1 5/2 |
| 12405 | Anson County, N.C. [1970.] cover title, 47 p. 4° †      | PrEx 10.9/5: A1 8   |
| 12406 | Ashe County, N.C. [1970.] cover title, 47 p. 4° †       | PrEx 10.9/5: A1 3/2 |
| 12407 | Ashland County, Ohio. [1970.] cover title, 48 p. 4° †   | PrEx 10.9/5: A1 3/3 |
| 12408 | Ashtabula County, Ohio. [1970.] cover title, 48 p. 4° † | PrEx 10.9/5: A1 3/4 |
| 12409 | Athens County, Ohio. [1970.] cover title, 48 p. 4° †    | PrEx 10.9/5: A1 4   |
| 12410 | Auglaize County, Ohio. [1970.] cover title, 47 p. 4° †  | PrEx 10.9/5: A1 4   |
| 12411 | Avery County, N.C. [1970.] cover title, 47 p. 4° †      | PrEx 10.9/5: A1 3   |
| 12412 | Beaufort County, N.C. [1970.] cover title, 47 p. 4° †   | PrEx 10.9/5: B 38/2 |
| 12413 | Bertie County, N.C. [1970.] cover title, 47 p. 4° †     | PrEx 10.9/5: B 46   |
| 12414 | Belmont County, Ohio. [1970.] cover title, 47 p. 4° †   | PrEx 10.9/5: B 41   |

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

12415	Bladen County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: B 56
12416	Brunswick County, N.C. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: B 83
12417	Butler County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: B 97
12418	Caldwell County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 12/2
12419	Carroll County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 23/2
12420	Carretet County, N.C. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: C 24
12421	Caswell County, N.C. [1970.] cover title, 49 p. 4°	†	PrEx 10.9/5: C 27
12422	Catawba County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 28
12423	Chatham County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 39
12424	Cherokee County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 42
12425	Chowan County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 45
12426	Clark County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: C 54/3
12427	Clay County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 57/2
12428	Clermont County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: C 59/3
12429	Cleveland County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 59/2
12430	Clinton County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 61
12431	Columbiana County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: C 72/4
12432	Columbus County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 72/3
12433	Coshocton County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 82
12434	Craven County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 85/2
12435	Crawford County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: C 85/3
12436	Curruck County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: C 93
12437	Cuyahoga County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: C 99
12438	Dare County, N.C. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: D 24
12439	Darke County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: D 24/2
12440	DeLancey County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: D 36
12441	Delaware County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: D 37
12442	Edgecombe County, N.C. [1970.] cover title, 47 p. 4° [Pages 43 and 44 omitted intentionally]	†	PrEx 10.9/5: Ed 3
12443	Fulton County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: F 95/2
12444	Gallia County, Ohio. [1970.] cover title, 48 p. 4° [Page 48 is missing]	†	is blank, but no text PrEx 10.9/5: G 13
12445	Gates County, N.C. [1970.] cover title, 47 p. 4° [Pages 43 and 44 omitted intentionally]	†	PrEx 10.9/5: G 22
12446	Haywood County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: H 33
12447	Henderson County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: H 38
12448	Lee County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: L 51/2
12449	Lenoir County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: L 54
12450	Mecklenburg County, N.C. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: M 46
12451	Moore County, N.C. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: M 78
12452	Nash County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: N 17
12453	New Hanover County, N.C. [1970.] cover title, 49 p. 4°	†	PrEx 10.9/5: N42h/2
12454	Pasquotank County, N.C. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: P 26
12455	Pickaway County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: P 58
12456	Pike County, Ohio. [1970.] cover title, 47 p. 0°	†	PrEx 10.9/5: 63/2
12457	Polk County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: P 75/3
12458	Portage County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: P 83
12459	Preble County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: P 91
12460	Putnam County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: P 98
12461	Randolph County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: R 15/2
12462	Richland County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: R 39
12463	Richmond County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: R 41
12464	Robeson County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: R 54
12465	Rockingham County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: R 59
12466	Ross County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: R 73
12467	Rowan County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: R 78
12468	Rutherford County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: R 93
12469	Sampson County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: Sa 4
12470	Sandusky County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: Sa 5
12471	Stanly County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: St 2
12472	Stokes County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: St 6
12473	Sury County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: Su 7
12474	Union County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: Un 3/2
12475	Union County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: Un 3/3
12476	Van Wert County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: V 38
12477	Vance County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: V 27/2
12478	Vinton County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: V 79
12479	Wake County, N.C. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: W 13
12480	Warren County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: W 25/2
12481	Washington County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: W 27/3
12482	Washington County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: W 27/4
12483	Watauga County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: W 29
12484	Wayne County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: W 36/2
12485	Wayne County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: W 36/3
12486	Williams County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: W 67
12487	Wilson County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: W 69
12488	Wood County, Ohio. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: W 85
12489	Wyandot County, Ohio. [1970.] cover title, 48 p. 4°	†	PrEx 10.9/5: W 97
12490	Yadkin County, N.C. [1970.] cover title, 47 p. 4°	†	PrEx 10.9/5: Y 1/3
12491	National Farmers Union Address, by Donald Rumsfeld, Director, Office of Economic Opportunity, National Farmers Union, Denver, Colo. [Mar. 13, 1970] cover title, 8 p. 4° [Speech reprint.] † PrEx 10.11: R 86/3		

♠For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 25



GOVERNMENT PUBLICATIONS

ECONOMIC RESEARCH SERVICE, Agriculture Dept.  
Washington, DC 20250

- ERS (series). † ● Item 42-I A 93.21:(nos.)
- 12492 438. Federal land bank farm-mortgage loans, statistical study of loans outstanding, Sept. 30, 1966 [by John B. Penson, jr., and Forest G. Warren]. [July 1970.] cover title, ix+82 p. 4°  
L.C. card 77-608308
- 12493 447. Economic considerations in crop insurance [with list of selected references; by Warren R. Bailey and Lawrence A. Jones.] [Aug. 1970.] [1]+iv+87 p. il. 4°  
L.C. card 78-608351
- 12494 448. Concepts involved in defining and identifying farms [with list of literature cited; by Richard J. Foote]. [June 1970.] cover title, iv+111 p. 4° [Prepared in cooperation with Texas Tech University.]  
L.C. card 71-608352
- Foreign agricultural economic reports. ● Item 42-B A 93.27:(nos.)
- 12495 61. Grain price formation and grain price reporting in Italy; by Haas G. Hirsch and Ann Miller Watkins. [July 1970.] ix+118 p. il. 4° (Foreign Development and Trade Division.) [Text on p. 2-3 of cover. Includes Index of sources.] \* Paper, \$1.25.  
L.C. card 78-608473
- 12496 63. Growth in world demand for feed grains, related to meat and livestock products and human consumption of grain [with list of references]. [July 1970.] cover title, xx+228 p. il. 4° [Text on p. 2 of cover.] \* Paper, \$1.75.  
L.C. card 70-608531

EDUCATION OFFICE, Health, Education, and Welfare Dept.  
Washington, DC 20202

- 12497 Education directory, 1969-70: Higher education. [1970.] vi+529 p. 4° (OE-50000-70; National Center for Educational Statistics.) [Designated as pt. 3 in former editions.] \* Paper, \$4.50 ● Item 460 & 460-A-50  
L.C. card E 13-213 HE 5.25: 969-70/pt.3
- 12498 Education directory, 1969-70: State governments; [prepared by Madeline G. Hagermann]. [1970.] cover title, 163 p. ([OE-20004-70.]) \* Paper, \$1.00. ● Item 460 & 460-A-20  
L.C. card E 13-213 HE 5.25: 969-70/pt.1
- 12499 Facts about Bureau of Adult, Vocational, and Technical Education [with bibliography]. May 1968; revised May 1970. [1970.] [3]+14 p. il. ([OE-11023-A.]) \* Paper, 25c. ● Item 460-A-11 HE 5.211: 11023-A
- 12500 Federal role in education reform, address by James E. Allen, jr., Assistant Secretary for Education and U.S. Commissioner of Education, before 8th annual conference, National Committee for Support of Public Schools, Washington, D.C., Mar. 24, 1970. [1970.] 14 leaves, 4° † HE 5.8: A1 53/29
- 12501 Good training, good jobs, MDTA: Facts for manpower administrators. [1970.] cover title, 14+[1] p. il. narrow 8° ([OE-87050; Division of Manpower Development and Training.]) \* Paper, 25c. ● Item 460-A-87 HE 5.287: 87050
- 12502 — Through private school. [1970.] [8] p. il. narrow 8° ([OE-87052; Division of Manpower Development and Training.]) \* Paper, 10c. ● Item 460-A-87 HE 5.287: 87052
- 12503 Preliminary statistics of State school systems 1967-68; by Richard H. Barr and Geraldine J. Scott. [June 1970.] iv+19 p. 4° (OE-20006-68; National Center for Educational Statistics.) [Highlights and related NCES publications on p. 2 and 3 of cover. At head of title on cover: Elementary and secondary education.] \* Paper, 30c. ● Item 460-A-20 HE 5.220: 20006-68
- 12504 Selected financial statistics of institutions of higher education, 1968-69; [by Paul F. Mertins and Norman J. Brandt]. [June 1970.] [3] p. 4° (OE-52008-69; National Center for Educational Statistics.) [At head of title: Higher education.] \* Paper, 10c. ● Item 460-A-52 HE 5.252: 52008-69

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



- 12505 Statistics of public libraries serving areas with at least 25,000 inhabitants, 1968; by Ruth L. Boaz. [May 1970.] vi+144 p. 4° (OE-15068-68; [National Center for Education Educational Statistics].) [At head of title on cover: Library statistics.] \* Paper, \$1.50. ● Item 460-A-15  
L.C. card 56-601170 HE 5.215: 15068-68
- 12506 Students enrolled for advanced degrees, preliminary report, fall 1969; [by Marjorie O. Chandler and Mary Evans Hooper]. [June 1970.] [2]+5 p. 4° ([OE-54009-69; Higher Education Surveys Branch], National Center for Educational Statistics.) [At head of title on cover: Higher education.] \* Paper, 10c. ● Item 460-A-54 FS 5.250: 64009-69
- 12507 To move the mountain, address by James E. Allen, jr., Assistant Secretary for Education and Commissioner of Education, before 30th annual convention, National School Boards Association, general session, San Francisco, Calif., Apr. 14, 1970. [1970.] 15 leaves, 4° † HE 5.8: A1 63/28

**ENGINEERS CORPS (Army), Defense Dept.**

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, DC 20310, Attention Publications Office.

Coastal Engineering Research Center: Reprint R (series). †

D 103.42/4: (nos.)

- 12508 3-70. Coastal regime, recent U.S. experience [with list of references]; by Thorndike Saville, jr., and George M. Watts, June 1969, cover title, [1]+23 p. il. 4° [Reprint of Permanent International Association of Navigation Congresses, 22d international navigation congress, sec. 2, ocean navigation, subject 4, Paris, 1969.]
- 12509 4-70. Breaker travel and choice of design wave height [with list of references]; by Cyril J. Galvin, jr. May 1969, cover title, p. 175-200 il. 4° [Reprinted from copyrighted Journal of Waterways and Harbors Division, proceeding of American Society of Civil Engineers, v. 95, WW 2, May 1969.]

Honolulu District: Technical report.

- 12510 8. Study of proposed Barbers Point harbor, Hawaii, harbor model investigation [with list of literature cited]. Apr. 15, 1970. [146] p. il. 4° [Sponsored by U.S. Army Corps of Engineers, Honolulu District. Conducted by University of Hawaii, College of Engineering, Center for Engineering Research, Department of Ocean Engineering at Look Laboratory of Oceanographic Engineering, Honolulu, Hawaii.] †  
L.C. card 76-607935 D 103.51: 8
- 12511 Stages and discharges of Mississippi River and tributaries and other watersheds in New Orleans District for 1968; Army-MRC Vicksburg, Miss. [1969]. xi+415 p. il. map, 4° (U.S. Army Engineer District, New Orleans Corps of Engineers.) [Errata on p. 2 of cover.] †  
L.C. card 8-5662 D 103.45/4: 968

**ENVIRONMENTAL CONTROL ADMINISTRATION, Health, Education, and Welfare Dept., Rockville, MD 20852**

- 12512 Grants activities supported by Environmental Control Administration of Environmental Health Service, fiscal year 1969; edited by Raymond T. Moore, Julius J. Sabo, Donna M. Vankirk. [1970.] viii+559 p. oblong 12°  
† ● Item 468-A-8  
L.C. card 78-608536 HE 20.1102: G 76

**ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
Commerce Dept., Washington, DC 20235**

- ESSA technical report. (ESSA Research Laboratories, Institute for Telecommunication Sciences, Boulder, Colo.)
- 12513 ERL 151-ITS 99. Recursion formula for logarithmic derivatives of spherical Bessel functions in complex plane [with list of references; by] Richard L. Lewis. Jan. 1970. iv+26 p. il. 4° \* Paper, 35c. ● Item 208-B-7 C 62.15: ERL 151-ITS 99

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

FARMER COOPERATIVE SERVICE, Agriculture Dept.  
Washington, DC 20250

FCS research report.

- 12514 14. Frozen food locker cooperatives with and without slaughtering facilities: Production and performance; [by Richard P. Parsons]. [July 1970.] [2] +iii+39+[1] p. il. 4° [Includes list of other publications available.] †  
● Item 64-A  
L.C. card 73-608532 A 89.19 : 14

FEDERAL AVIATION ADMINISTRATION, Transportation Dept.  
Washington, DC 20553

- 12515 Enroute IFR air traffic survey, peak day, fiscal year 1969; [compiled by Publication and Service Branch (MS-220)], Office of Management Systems. [1970.] cover title, xi+200+[3] p. il. 4° [Page 143, a map, is inserted after p. 200.] † ● Item 431-D-4  
L.C. card 62-61755 TD 4.19/3 : 969
- 12516 1920-FSS, flight service stations—1970, pioneers of flight safety. 1970. [4] p. il. 4° † ● Item 431-C-8  
TD 4.2 : P 65
- 12517 Plane sense, General aviation information. Revised 1970. [1970] v+27 p. il. 12° ([Advisory circular AC 20-5B.]) [Supersedes 1967 edition, AC 20-5A.] † ● Item 431-C-8  
TD 4.2 : P 69/970

FEDERAL BUREAU OF INVESTIGATION, Justice Dept.  
Washington, DC 20530

- 12518 Uniform crime reports for United States, 1969. [1970.] vi+185 p. il. 4° [Printed annually. Advisory: Committee on Uniform Crime Records, International Association of Chiefs of Police. Title on cover is Crime in United States, uniform crime reports, 1969.] \* Paper, \$1.50. ● Item 722  
L.C. card 30-27005 J 1.14/7 : 969

FEDERAL COMMUNICATIONS COMMISSION  
Washington, DC 20554

- 12519 Federal Communications Commission reports, decisions and reports, v. 39, Mar. 13, 1939-June 30, 1965. 1970. xvii+1033 p. il. \* Cloth, \$5.75.  
● Item 284  
L.C. card 36-26605 CC 1.12 : 39

FEDERAL EXTENSION SERVICE, Agriculture Dept.  
Washington, DC 20250

- 12520 Horse safety guidelines. [Feb. 1970] [2]+7 p. il. 4° [Prepared in cooperation with National Horse and Pony Youth Activities Council]. †  
● Item 61-B A 43.16/2 : H 78/2
- 12521 [This entry number not used.]

FEDERAL HIGHWAY ADMINISTRATION, Transportation Dept.  
Washington, DC 20591

- 12522 Federal laws, regulations, and material relating to Federal Highway Administration. Apr. 1970. [490] p. \* Paper, \$2.50 ● Item 982-G-4  
TD 2.5 : F 31

FEDERAL HOUSING ADMINISTRATION, Housing and Urban  
Development Dept., Washington, DC 20411

- 12523 Amortization, insurance premium and outstanding principal balance tables for home mortgages and loans insured under National housing act. Revised Mar. 1969. [1969.] cover title, [1]+171 p. 4° (FHA 2025.) †  
L.C. card 62-61127 HH 2.2 : Am 6/3/969

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

- 12524 Amortization, insurance premium and outstanding principal balance tables for home mortgages and loans insured under National housing act with interest rates of 7 $\frac{3}{4}$ %, 8, 8 $\frac{1}{4}$ %, and 8 $\frac{1}{2}$ %, supplement. Feb. 1970. cover title [1]+46 p. (FHA 2025, supp.) †  
L.C. card 62-61127 HH 2.2: Am 6/3/969/supp.
- 12525 FHA regulations: [Project mortgage insurance, amendments to sec. 207, 213, 220-221, 232, 236, 241-242, title X, and Group practice facilities]. [1970.] [66] p. [Includes Project transmittal 70, Dec. 24, 1969. Issued in looseleaf form.] †  
HH 2.6: M 84/6/964/trans.70

FEDERAL MARITIME COMMISSION  
Washington, DC 20573

FMC SP (series).

- 12526 70-18. Remarks by Mrs. Helen Delich Bentley, Chairman, Federal Maritime Commission before Italy-America Chamber of Commerce Inc. New York, N.Y., Apr. 1970. 1970. 7 p. 4° †  
FMC 1.9: 70-18

FEDERAL POWER COMMISSION  
Washington, DC 20426

National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]

NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$12.50 a year, \$4.25 additional for foreign mailing; single copy, 25c.

- 12527 Florida. June 1970. [2]+20 p. 4° [Supersedes issue of Apr. 1969.] ● Item 437-A-8 FP 1.18: F 66/970
- 12528 Massachusetts. June 1970. [2]+34 p. 4° [Supersedes issue of May 1969.] ● Item 437-A-19 FP 1.18: M 84/970

FEDERAL REGISTER OFFICE, General Services Administration  
Washington, DC 20408

- 12529 Guide to record retention requirements, revised as of Jan. 1, 1970. [1970.] cover title, [1]+3552-3639 p. 4 [Reprint of Federal register, v. 35, no. 37, Feb. 21, 1970. Title 1, Code of Federal Regulations, App. A.] \* Paper, \$1.00. GS 4.107/a: R 245/970

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS  
Washington, DC 20551

- 12530 Banking structure and monetary management, remarks by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System, before San Francisco Bond Club, San Francisco, Calif., Apr. 1, 1970. 1970. [1]+33+[7] p. 4° †  
FR 1.23: B 77/58
- 12531 Education, income, and wealth accumulation in Negro community, commencement address, by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System, at Booker T. Washington Business College, Birmingham, Ala., May 28, 1970. 1970. [1]+16+[10] p. 4° †  
FR 1.23: B 77/57
- 12532 Federal Reserve and banking system, remarks of Arthur F. Burns, Chairman, Board of Governors of Federal System, before 59th annual meeting of Association of Reserve City Bankers, Boca Raton, Fla., Apr. 6, 1970. 1970. [1]+12 p. 4° [Most pages are printed as leaves.] †  
FR 1.23: B 93/6
- 12533 Monetary policy, remarks of Sherman J. Maisel, Member, Board of Governors of Federal Reserve System at joint meeting of Board of Directors of Federal Reserve Bank of Kansas City and its Denver Branch, Denver, Colo., July 11, 1970. 1970. [1]+7 leaves, 4° †  
FR 1.23: M 28/23
- Regulation (series) †  
FR 1.6: (letters)
- 12534 D. Reserves of member banks amendment effective June 30, 1970. [1970.] 1 p. 4°
- 12535 Q. Interests on deposits, amendment effective June 30, 1970. [1970.] 1 p. 4°



GOVERNMENT PUBLICATIONS

FEDERAL SUPPLY SERVICE, General Services Administration  
Washington, DC 20405

- 12536 Federal specifications. ● Item 563 GS 2.8:  
NOTE.—These specifications are completely covered by the Index of Federal specifications and standards. Individual specifications are not listed in the Monthly Catalog.  
Index of Federal specifications and standards January 1, 1970, with cumulative supplements as issued (GS. 2.8/2: 1970) is sold by the Superintendent of Documents on a subscription basis at \$3.50 a yr., \$1.00 additional for foreign mailing.

FEDERAL TRADE COMMISSION  
Washington, DC 20580

- 12537 Economic papers 1966-69; by staff of Bureau of Economics. [1970.] v+313  
p. il. \* Paper, \$1.50. ● Item 535 FT 1.2: Ec 7  
L.C. card 74-608271

FEDERAL WATER QUALITY ADMINISTRATION, Interior Dept.  
Washington, DC 20242

- NOTE.—The name of the Federal Water Pollution Control Administration has been changed to Federal Water Quality Administration.
- 12538 Conference in matter of pollution of interstate waters of Escambia River Basin (Alabama-Florida) and intrastate portions of Escambia Basin within Florida, v. 1, Jan. 21-22, 1970, Gulf Breeze, Fla., proceedings. [1970.] xxiv+1-277a+[6], 278-335 p. il. 4° † ● Item 473-A-1  
L.C. card 75-608290 I 67.2: Es 1/v.1
- 12539 Investigating fish mortalities [with list of references]. [1970.] [2]+21 p. narrow 8° ([CWT-5, Division of Technical Support.]) † ● Item 473-A-1 I 67.2: F 52
- 12540 Water pollution and its control, boy scout leader's guide. [1970.] 12 p. il. narrow 8° † ● Item 607-C I 67.8: W 29/2

FLIGHT STANDARDS SERVICE, Transportation Dept.  
Washington, DC 20553

- 12541 Pilot's weight and balance handbook. 1969. [published 1970.] viii+68 p. il. 4° ([Advisory circular AC 91-23.]) \* Paper, 70c. ● Item 431-F-3  
L.C. card 74-608500 TD 4.408: P 64/3

FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare  
Dept., Washington, DC 20201

- FDA publications. HE 20.4015: (nos.)
- 12542 1. How FDA works for you. [June 1970.] [16] p. il. narrow 8° † ● Item 475-A
- 12543 53. Qualitative analysis of APC tablets [with bibliography; presented by Educational Services Staff]. [Oct. 1968.] 8 p. 4° (FDA's science project series.) \* Paper, 10c.

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.  
Washington, DC 20250

- 12544 Foreign Agricultural Service special reports [lists]. [Revised June 1970.] [1970.] [1]+6+[1] p. ([FAS/FMI.]) † A 67.33: Sp 3/970

FOREIGN-TRADE ZONES BOARD  
Washington, DC 20230

- 12545 31st annual report of Foreign-Trade Zones Board to Congress, for fiscal year 1969. [1970.] iv+67 p. il. [Text on p. 2-3 of cover.] \* Paper, 35c.  
● Item 542 FTZ 1.1: 969  
L.C. card 40-26400

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

FOREST SERVICE, Agriculture Dept.  
Washington, DC 20250

- 12546 Cooperative forest fire control, program financing, Federal, State and private funds, under sec. 2, Clarke-McNary Law, act of June 7, 1924 (43 Stat. 653), cooperative financing expenditures f.y. 1969, allotments f.y. 1970. 1970. 1 p. oblong 12" (C-M 2; Division of Cooperative Forest Fire Control.) † A 13.2: F 51/49/969-70
- Forest pest leaflets. † ● Item 82-A A 13.52:(nos.)
- 12547 71. Locust borer [with list of references; by] E. H. Wollerman. Revised June 1970. [1970.] 8 p. ll.
- 12548 80. Eastern gall rust [with list of references; by] Neil A. Anderson. Revised July 1970. [1970.] 4 p. ll.
- 12549 Publications for 1969, Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif. [1970.] 11 p. 4" † A 13.62/11:969  
L.C. card 79-717 A 13.79:NC-(nos.)
- Research note NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.) †
- 12550 NC-86. Lake States pulpwood production plummets 413,000 cords, 1968; [by James E. Blyth]. [1969.] 3 p. 4" [Issued with perforations.]
- 12551 NC-87. Germination of yellow and paper birch seeds after 8 years storage; [by Knud E. Clausen]. [1970.] 2 p. 4" [Issued with perforations.]
- 12552 NC-88. Sprouting potential of dormant buds on bole of pole-sized sugar maple [with list of literature cited; by Richard M. Godman and Gilbert A. Mattson]. [1970.] 4 p. 4" [Issued with perforations.]
- 12553 NC-89. Direct reading frost gage is reliable, inexpensive; [by Alfred Ray Harris]. [1970.] 2 p. ll. 4" [Issued with perforations.]
- 12554 NC-90. Variation in density of sugar maple sapwood and heartwood [with list of literature cited; by Fred M. Lamb and Richard M. Marden]. [1970.] 2 p. ll. 4" [Issued with perforations.]
- 12555 NC-91. Weights and centers of gravity for quaking aspen trees and boles; [by H. M. Steinhilb and John E. Erickson]. [1970.] 4 p. ll. 4" [Issued with perforations.]
- 12556 NC-92. Effect of cutting angle and depth of cut on occurrence of chipped grain on sycamore; [by Harold A. Stewart] [1970.] 4 p. ll. 4" [Issued with perforations.]
- Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.79:NE-(nos.)
- 12557 NE-108. Some preliminary estimates of energy utilization in even-aged northern hardwoods [with list of literature cited; by William B. Leak]. 1970. 7 p.
- 12558 NE-109. Does bedding promote pine survival and growth on ditched wet sands? [by Ralph A. Klawitter]. 1970. 4 p.
- 12559 NE-110. SURBAL, computerized metes and bounds surveying; by Roger N. Baughman and James H. Patric]. 1970. 7 p. ll.
- Research paper NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.) † A 13.78:NC-(nos.)
- 12560 NC-34. Climate conditions preceding historically great fires in North Central region [with list of literature cited; by] Donald A. Haines [and] Rodney W. Sando. 1969. cover title, 19 p. ll. 4" [Text on p. 2 of cover. Abstract cards inserted.]
- 12561 NC-35. Initial thinning in redpine plantations [with list of literature cited; by] John H. Cooley. 1969. cover title, [1]+6 p. ll. 4" [Abstract cards inserted.]
- 12562 NC-37. Defect indicators in sugar-maple, photographic guide; [by] Richard M. Marden and Charles L. Stayton]. 1970. cover title, [1]+29 p. ll. 4" [Text on p. 2 of cover. Illustrations are colored. Abstract cards inserted.]
- Research paper NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.78:NE-(nos.)
- 12563 NE-153. Cutting strategies & timber yields for unbalanced even-aged northern hardwood forests [with list of literature cited]; by William B. Leak and Stanley M. Filip. 1970. cover title, 19 p. [Text on p. 2 of cover. Abstract cards inserted.]
- 12564 NE-154. 20 years of intensive uneven-aged management, effect on growth, yield, and species composition in 2 hardwood stands in West Virginia [with list of literature cited]; by George R. Trimble, jr. 1970. cover title, 12 p. [Text on p. 2 of cover. Abstract cards inserted.]
- 12565 NE-161. Some effects of paraformaldehyde on wood surrounding tapholes in sugar maple trees [with list of literature cited]; by Alex L. Shigo and Frederick M. Laing. 1970. cover title, 11 p. ll. 4" [Text on p. 2-3 of cover. Abstract cards inserted.]

✦For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- Research paper SO-(series). (Southern Forest Experiment Station, New Orleans, La.)
- 12566 SO-51. Seasonal distribution of nutrients in plants of 7 browse species in Louisiana [with list of literature cited; by] R. M. Blair and E. A. Epps, jr. 1969. cover title, 35 p. il. [Abstract cards inserted.] †  
A 13.78: SO-51
- Resource bulletin NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.) †  
A 13.80: NC-(nos.)
- 12567 NC-8. Pulpwood production in north central region by county, 1968; [by] James E. Blyth. 1969. cover title, [1]+22 p. il. 4° [Abstract cards inserted.]  
L.C. card 72-603497
- 12568 NC-10. Veneer-log production and receipts, North Central region, 1968; [by] Thomas P. Ginnaty, jr. 1970. cover title, 8 p. il. 4° [Text on p. 2-3 of cover. Abstract cards inserted.]
- 12569 1969 wildlife statistics [calendar year 1969]; prepared by Division of Cooperative Forest Fire Control, State and Private Forestry Cooperation. July 1970. iv+50 p. 4° †  
L.C. card 78-603757 A 13.32/2: 969

GENERAL ACCOUNTING OFFICE  
Washington, DC 20548

- 12570 Decisions of Comptroller General, v. 48, July 1, 1968-June 30, 1969. [1970.] xxviii+990 p. \* Cloth \$5.25. ● Item 544  
L.C. card 22-24145 GA 1.5: 48
- 12571 List of GAO publications, v. 3, no. 2, Dec. 1969. [1970.] cover title, 39 p. [Text on p. 2 of cover.] †  
GA 1.16/2: 3/2
- 12572 Report to Congress: Administration of program for aid to public school education of Indian children being improved, Bureau of Indian Affairs, Department of Interior; by Comptroller General of United States. May 28, 1970. cover title, [8]+58 p. 4° (B-161468.) † Paper, \$1.00.  
L.C. card 70-607471 GA 1.13: In 2/13
- 12573 — Examination of financial statements, Bureau of Engraving and Printing Fund, fiscal years 1968-69, Department of Treasury; by Comptroller General of United States. Mar. 26, 1970. cover title, [1]+2+[1]+19 p. 4° (B-114801.) † Paper, \$1.00.  
L.C. card 68-60606 GA 1.13: En 3/7/968-69
- 12574 — Examination of financial statements, Commodity Credit Corporation, fiscal year 1969, Department of Agriculture; by Comptroller General of United States. Apr. 3, 1970. cover title, [7]+51 p. 4° (B-114824.) † Paper, \$1.00.  
GA 1.13: C 73/13/969
- 12575 — Examination of financial statements of accountability of Treasurer of United States, fiscal years 1968 and 1969, Department of Treasury; by Comptroller General of United States. July 27, 1970. cover title, [1]+2+[1]+15 p. 4° (B-114802.) † Paper, \$1.00.  
L.C. card 76-608494 GA 1.13: T 71/968-69
- 12576 — Inequitable charges for calibration services, need for accounting improvements at National Bureau of Standards, Department of Commerce; by Comptroller General of United States. June 18, 1970. cover title, [1]+3+[2]+43 p. 4° (B-115378.) † Paper, \$1.00.  
L.C. card 77-608525 GA 1.13: C 12
- 12577 — Need for improved practices for obtaining equitable contributions toward cost of constructing sanitation facilities for Indians, Health Services and Mental Health Administration, Health, Education, and Welfare Dept.: by Comptroller General of United States. Apr. 10, 1970. title, [8]+59 p. il. 4° (B-164031(2).) † Paper, \$1.00.  
L.C. card 75-606742 GA 1.13: Sa 5/3

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available



SEPTEMBER 1970

- 12578 — Need for increased control over local currency made available to Republic of Vietnam for support of its military and civil budgets, Department of Defense, Department of State, Agency of International Development; by Comptroller General of United States. July 24, 1970. cover title, [2]+3+[3]+69 p. 4° (B-159451.) † Paper, \$3.00.  
L.C. card 70-608317 GA 1.13: C 93/7
- 12579 — Need for specific criteria for adjusting interest rate charged on insurance policy loans by Veterans Administration; by Comptroller General of United States. May 28, 1970. cover title, [1]+3+[2]+32 p. 4° (B-114859.) † Paper, \$1.00.  
L.C. card 73-607472 GA 1.13: V 64/20
- 12580 — Opportunities for improvement in management of Government materials provided to overseas contractors, Departments of Army and Air Force; by Comptroller General of United States. June 17, 1970. cover title, [1]+3+[2]+31 p. 4° (B-140389.) † Paper, \$1.00.  
L.C. card 70-608034 GA 1.13: M 41/10
- 12581 — Opportunity for savings by reducing paper work involved in Department of Defense bus travel; by Comptroller General of United States. July 27, 1970. cover title, [6]+36 p. il. 4° (B-12583.) † Paper, \$1.00.  
L.C. card 71-608267 GA 1.13: Sa 9/7
- 12582 — Potential savings by centralized control of overseas air passenger transportation, Department of Defense; by Comptroller General of United States. July 21, 1970. cover title, [6]+29 p. 4° (B-133371.) † Paper, \$1.00.  
L.C. card 75-608266 GA 1.13: Ai 7/95
- 12583 — Problems in approving and paying for nursing home care under medicated program in California. Social and Rehabilitation Service, Department of Health, Education, and Welfare. July 23, 1970. cover title, [1]+3+[2]+37 p. 4° (B-164031(3).) † Paper, \$1.00.  
L.C. card 76-608364 GA 1.13: N 93/4
- 12584 — Progress and problems implementing Federal claims collection act of 1966; by Comptroller General of United States. July 23, 1970. cover title, [1]+3+[1]+29 p. 4° (B-117604(3).) † Paper, \$1.00.  
L.C. card 71-608265 GA 1.13: F 31/24
- 12585 — Questionable basic for approving certain auxiliary route segments of interstate highway system, Federal Highway Administration, Department of Transportation; by Comptroller General of United States. July 31, 1970. cover title, [1]+3+[2]+34 p. il. 4° (B-163714.) † Paper, \$1.00.  
L.C. card 74-608318 GA 1.13: H 53/31
- 12586 — Reductions achieved in cost of transporting military mail from Okinawa to points in southeast Asia, Department of Defense; by Comptroller General of United States. Mar. 31, 1970. cover title, [6]+23 p. il. 4° (B-165683.) † Paper, \$1.00.  
L.C. card 77-606650 GA 1.13: M 28/9

GEOLOGICAL SURVEY, Interior Dept.  
Washington, DC 20242

Bulletins. ● Item 620

I 19.3:

- 12587 1261-G. Mineral resources of Emigrant Basin Primitive Area, Calif. [with list of references cited], by H. W. Tooker, H. T. Morris, and Paul V. Fillo; with section on Geophysical studies, by H. W. Oliver. 1970. vii+70+[3] p. il. 1 pl. in pocket. [Evaluation of mineral potential of part of central Sierra Nevada. Studies related to wilderness-primitive areas. Includes title page and contents of Bulletin 1261.] \* Paper, \$1.00.  
L.C. card 79-608492
- 12588 1319-A. Mineral resources of Agua Tibia Primitive Area, Calif. [with list of references cited]; by William P. Irwin, Robert C. Greene, and Horace K. Thurber. 1970. vi+19 p. 1 pl. in pocket. [Evaluation of mineral potential of part of Cleveland National Forest. Studies related to wilderness, primitive areas.] \* Paper, 65c.  
L.C. card 76-608380

†For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 33

## GOVERNMENT PUBLICATIONS

### Professional paper.

- 12589 433-K. Stream dispersion at selected sites [with list of references]; by Richard G. Godfrey and Bernard J. Frederick, 1970. iv+33 p. il. 4°. [Prepared in cooperation with Atomic Energy Commission. Transport of radionuclides by streams.] \* Paper, 55c. ● Item 624  
L.C. card 74-607073 I 19.16:433-K
- Water supply papers. ● Item 625 I 19.13:(nos.)
- 12590 1594-F. Hydrologic conditions and artificial recharge through well in Salem Heights area of Salem, Oreg. [with list of selected references]; by Bruce L. Foxworthy. 1970. iv+56 p. il. 2 pl. in pocket. [Prepared in cooperation with Salem Heights Water District. Artificial recharge of ground water. One plate is colored.] \* Paper, \$1.00.  
L.C. card 73-608453
- 12591 1891. Geohydrology of Finney County, southwestern Kansas [with list of selected references]; by Walter R. Meyer, Edwin D. Gutentag, and David H. Lobmeyer. 1970. vii+117 p. il. 2 pl. in pocket. [Prepared in cooperation with State Geological Survey of Kansas, Division of Water Resources and Kansas State Board of Agriculture, and Environmental Health Services of Kansas State Department of Health. One plate is colored.] \* Paper, \$1.50.  
L.C. card 79-606010
- 12592 1925. Surface water supply of United States, 1961-65. pt. 9, Colorado River Basin, v. 2, Colorado River Basin from Green River to Compact Point. 1970. viii+618 p. il. 1 map in pocket. [Prepared in cooperation with States of Arizona, Colorado, New Mexico, Utah, and Wyoming, and with other agencies.] \* Paper, \$3.25.  
L.C. card 76-608285
- 12593 1975. Generalization of streamflow characteristics from drainage-basin characteristics [with list of references cited]; by D. M. Thomas and M. A. Benson. 1970. vi+55 p. il. [Study of relations for estimating streamflow characteristics from drainage-basin characteristics in 4 hydrologically differing regions of conterminous United States.] \* Paper, 35c.  
L.C. card 77-606598

### HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, DC 20201

- 12594 Footnote, journal of HEW Audit Agency, [issue] 2; [Roger M. Melanson, editor]. Summer 1970. cover title, ii+[2]+44 p. il. 4° [Text and other illustrations on p. 1-3 of cover.] \* Paper, 55c. ● Item 445-M  
HE 1.37:2
- 12595 Medically trained servicemen, where do you go from here? [Operation MEDHIC]. [1970.] [2]+12+[2] p. il. oblong 24° ([Office of Health Manpower, Health and Scientific Affairs.]) † ● Item 445  
HE 1.2: Se 6
- 12596 Report of Task Force on Medicaid and Related Programs. [1970.] xii+130 p. \* Paper, 60c. ● Item 445  
L.C. card 73-608524 HE 1.2: M46/8

### HEALTH PROFESSIONS EDUCATION AND MANPOWER TRAINING BUREAU, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 12597 Schools offering nurse traineeships for full-time academic study, 1970-71, under Professional Nurse Traineeship Program. [Revised July 1970.] [1970.] 20 p. ([Supplement A to Public Health Service publication 1154-1; Division of Nursing.]) † ● Item 507-D-1  
HE 20.3102: N 93/3/supp. A
- 12598 Schools participating in nursing student assistance programs, fiscal year 1971. [1]+16+[1] p. oblong 12° (Student Loan and Scholarship Branch.) † ● Item 507-D-1  
HE 20.3102: N 93/10

### HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 12599 Indian health program, 1955-70. [Revised 1970.] [1970.] [4] p. narrow 8° ([Public Health Service publication 1394.]) † ● Item 483-T-3  
HE 20.2014: 955-70

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

- 12600 Where to write for birth and death records, United States and outlying areas. [Revised 1970.] [1970.] [2]+9 p. 4° ([Public Health Service publication 630A-1.]) \* Paper, 15c. ● Item 483-T-1  
 HH 20.2002: B 53/970

HOUSING AND URBAN DEVELOPMENT DEPARTMENT  
 Washington, DC 20410

- 12601 Basic water and sewer facilities grants. [June 1970.] 8 p. il. narrow 8° ([HUD-100-MD]) † ● Item 582  
 HH 1.2: W 29/2
- 12602 Group medical practice facilities. [Aug. 1970.] [8] p. narrow 8° ([HUD-146-F.]) † ● Item 582  
 HH 1.2: G 91/970

HUD handbooks.

HH 1.6/6: (letters-nos.)

- 12603 FHA 4516.1. Minimum proper standards for swimming pools. June 1970. [3] leaves+14 p. 4° [Issued with perforations.] \* Paper, 20c. ● Item 582-E
- 12604 RHM 7209.1. Urban renewal handbook transmittal. [June 29, 1970.] [6] p. 4° [Issued with perforations. Includes transmittal notice 64.] \* Paper, \$14.00 (including basic manual and supplementary material for an indefinite period); \$4.00 additional for foreign mailing. ● Item 582-E
- 12605 RHM 7215.1. Urban renewal handbook transmittal. [July 13, 1970.] [1]+3 p. 4° [Issued with perforations. Includes transmittal notice 66.] \* Paper, \$14.00 (including basic manual and supplementary material for an indefinite period); \$4.00 additional for foreign mailing. ● Item 582-E
- 12606 RHM 7401.1. [Low-rent housing administration of program handbook]: supp. 1. Renewal and housing management. [June 29, 1970.] [2] leaves, 4° [Issued with perforations. Includes transmittal Notice 1.] †
- 12607 Inventory of interagency committees in which HUD participates. [5th edition]. June 1, 1970. [3] leaves+35 p. 4° (Assistant Secretary for Administration, Office of Management and Organization.) †  
 HH 1.2: In 89

INTERIOR DEPARTMENT  
 Washington, DC 20240

NOTE.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

[Saline water] research and development progress reports. (Office of Saline Water.) I 1.88: (nos.)

- 12608 355. Analysis and optimization of multi-effect multi-stage flash distillation system [with list of references]; by L. T. Fan et al, Kansas Engineering Experiment Station at Kansas State University, Manhattan, Kansas, May 1968. [5]+8+[6] p. il. 4° \* Paper, 20c.
- 12609 546. Manual on solar distillation of saline water [with bibliography]; by S. G. Talbert and J. A. Eibling, Battelle Memorial Institute, Columbus, Ohio, and G. O. G. Lof. Apr. 1970. x+263 p. il. 4° (Contract 14-01-0001-1695). \* Paper, \$2.00. ● Item 604-A-1
- 12610 555. Desalting cost calculating procedures [with lists of references]; by W. L. Prehn, jr., and J. L. McGaugh, Southwest Research Institute, Houston, Tex. May 1970. viii+143 p. il. 4° \* Paper, \$1.25. ● Item 604-A-1
- 12611 557. Forced-flow electrodeosmation; by Thomas A. Davis and Robert E. Lacey, Southern Research Institute, Birmingham, Ala. July 1970. iv+93 p. il. 4° (Contract 14-01-0001-1167.) \* Paper, \$1.00. ● Item 604-A-1
- 12612 558. Investigation of anomalous water [with list of references]; by Bela M. Fabuss [and others]. Lowell Technological Institute Research Foundation, Lowell, Mass. [1970.] iii+33 p. il. 4° (Contract 14-01-0001-2096.) \* Paper, 45c. ● Item 604-A-1  
 L.C. card 76-608636
- 12613 562. Development studies on flash distillation process [with list of references]; by R. A. Tidball, A. N. Rogers, and R. N. Webb, Baldwin-Lima-Hamilton Corporation, Philadelphia, Pa. May 1970. vi+79 p. il. 4° (Contract 14-01-0001-1279.) \* Paper, 75c. ● Item 604-A-1
- 12614 568. Annual report (FY 1969) Webster Test Facility and Electrodiagnosis Test-Bed Plant, Webster, S. Dak. [with bibliography]; by Mason-Rust, Louisville, Ky. June 1970. viii+159 p. il. 4° (Contract 14-01-0001-1802.) \* Paper, \$1.50. ● Item 604-A-1

☛For Sale by Clearinghouse, U.S. Department of  
 Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 35



GOVERNMENT PUBLICATIONS

INTERNAL REVENUE SERVICE, Treasury Dept.  
Washington, DC 20224

- 12615 Careers in taxation [with list of selected references]. [Revised May 1970.] [1970.] [2]+13 p. il. ([Publication 491 (Rev. 5-70)] † ● Item 956 T 22.2: C 18/5/970
- 12616 Looseleaf regulations system: Service 2, Estate and gift tax, transmittal 12, June 12, 1970. [13] p. 4° ● Item 961 T 22.19/3: 2/rep.965/trans.12  
NOTE.—Service 2 consists of pts. 20 and 25 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$3.00 (including basic material and supplements issued irregularly for approximately 3 years); \$1.00 additional for foreign mailing.

INTERNATIONAL COMMERCE BUREAU, Commerce Dept.  
Washington, DC 20230

- 12617 Introductory guide to exporting [with list of useful reading]. June 1970. [1970.] vi+47 p. il. \* Paper, 35c. ● Item 231-F C 32.6/2: Ex 7/3/970  
L.C. card 75-601892

INTERNATIONAL DEVELOPMENT AGENCY, State Dept.  
Washington, DC 20523

- 12618 Selected economic data for less developed countries, data based on most recent information available, generally for years 1968 and 1969. May 1970. 8 p. 4° (Office of Statistics and Reports, Bureau of Program and Policy Coordination.) \* Paper, 10c. ● Item 900-C-2 S 18.2: Ec 7/2/970

JOINT CHIEFS OF STAFF, Defense Dept.  
Washington, DC 20301

- 12619 Industrial College of Armed Forces, 1970-71 catalog. [1970.] 59 p. il. oblong 8° ([Fort Lesley J. McNair, Washington, D.C.]) † ● Item 315-B D 5.11: 970-71
- 12620 National Security Seminar, prospectus 1970-71. [1970.] cover title, 16 p. oblong 32° (Industrial College of Armed Forces.) † ● Item 315-A D 5.9: 970-71

JOINT PUBLICATIONS RESEARCH SERVICE  
1000 N. Glebe Rd., Arlington, VA 22201

NOTE.—When ordering Joint Publications Research Service publications from the Clearinghouse for Federal Scientific and Technical Information, give the JPRS number in the order. Do not include Monthly Catalog entry numbers or Superintendent of Document classification numbers, which should be used only when ordering from the Superintendent of Documents.

Titles of JPRS serial reports listed below were issued during the month, but were not cataloged separately. † (Price upon application).

- 12621-1 Communist Chinese scientific abstracts, nos. 46-47; JPRS 50852, 50989.  
12621-2 East European scientific abstracts: Bio-medical science, nos. 186-187; JPRS 50983, 50992.  
12621-3 Epidemiology reports from the world press, no. 32; JPRS 50979.  
12621-4 Index of Le Monde, no. 115; JPRS 51032.  
12621-5 Meteorology and hydrology, USSR, no. 5, 1970; JPRS 50865.  
12621-6 Soviet public health, USSR, v. 29, nos. 5-6, 1970; JPRS 50884, 51022.  
12621-7 Space biology and medicine, v. 4 no. 2, 1970; JPRS 50862.  
12621-8 Translations from Kommunist, no. 8, 1970; JPRS 50994.  
12621-9 Translations on Africa, nos. 914-924; JPRS 50856, 50903, 50913, 50919, 50938, 50949, 50988, 50997, 51004, 51020, 51046.  
12621-10 Translations on Communist China, nos. 111-112; JPRS 50926, 50961.  
12621-11 Translations on Eastern Europe: Economic and industrial affairs, nos. 309-323; JPRS 50840, 50847, 50879, 50891, 50902, 50909, 50922, 50923, 50947, 50966, 50985, 51009, 51028, 51083, 51048.  
12621-12 Translations on Eastern Europe: Political, sociological, and military affairs, nos. 230-240; JPRS 50848, 50854, 50872, 50880, 50900, 50906, 50920, 50937, 50980, 51011, 51037.  
12621-13 Translations on Eastern Europe: Scientific affairs, nos. 121-124; JPRS 50855, 50915, 50948, 51017.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

- 12621-14 Translations on Latin America, nos. 352-362; JPRS 50836, 50853, 50875, 50890, 50912, 50921, 50950, 50975, 50976, 51002, 51026.  
 12621-15 Translations on Mongolia, nos. 223-226; JPRS 50896, 50931, 50971, 51030.  
 12621-16 Translations on Near East, nos. 482, 484-498; JPRS 50850, 50863, 50876, 50883, 50886, 50893, 50911, 50914, 50917, 50940, 50951, 50967, 50987, 50998, 51018, 51035.  
 12621-17 Translations on North Korea, nos. 168-173; JPRS 50887, 50934, 50960, 50999, 51038, 51045.  
 12621-18 Translations on North Vietnam, nos. 745-762; JPRS 50841, 50846, 50851, 50871, 50889, 50907, 50916, 50924, 50933, 50936, 50954, 50955, 50965, 50984, 50995, 51012, 51029, 51044.  
 12621-19 Translations on south and east Asia, nos. 260-262; JPRS 50873, 51010, 51024.  
 12621-20 Translations on USSR agriculture, nos. 395-402; JPRS 50838, 50870, 50898, 50935, 50963, 51008, 51019, 51023.  
 12621-21 Translations on USSR economic affairs, nos. 153-143; JPRS 50867, 50928, 50973, 51016, 51031, 51043.  
 12621-22 Translations on USSR industrial affairs nos. 65-69; JPRS 50839, 50905, 50945, 50974, 51013.  
 12621-23 Translations on USSR military affairs, nos. 623-627; JPRS 50881, 50929, 50957, 50970, 51042.  
 12621-24 Translations on USSR political and sociological affairs, nos. 85-91; JPRS 50874, 50908, 50943, 50956, 51006, 51027, 51041.  
 12621-25 Translations on USSR resources, nos. 108-116; JPRS 50866, 50901, 50932, 50944, 50978, 50986, 50996, 51015, 51034.  
 12621-26 Translations on USSR trade and services, nos. 138-146; JPRS 50869, 50882, 50904, 50930, 50946, 50981, 51007, 51036, 51047.  
 12621-27 Translations on Western Europe, nos. 137-142; JPRS 50857, 50868, 50892, 50899, 50918, 50962.  
 12621-28 USA: Economics, politics, ideology, no. 5; JPRS 50864.  
 12621-29 USSR Scientific abstracts: Bio-medical science, no. 85; JPRS 50952.  
 12621-30 USSR scientific abstracts: Chemistry, no. 86; JPRS 50849.  
 12621-31 USSR scientific abstracts: Cybernetics, computers, and automation technology, no. 89; JPRS 51001.  
 12621-32 USSR scientific abstracts: Electronics and electrical engineering, no. 120; JPRS 50953.  
 12621-33 USSR scientific abstracts: Engineering and equipment, no. 97; JPRS 50845.  
 12621-34 USSR scientific abstracts: Materials science and metallurgy, nos. 74-75; JPRS 50861, 51000.  
 12621-35 USSR scientific abstracts: Physics and mathematics, no. 209; JPRS 50990.  
 12621-36 Vestnik of the USSR Academy of Medical Sciences, v. 25, no. 5, 1970; JPRS 50925.

JPRS (series).

Y 3 J 66: 13/(nos.)

- 12622 50837. Role of toxins of certain saprophytic microbes in etiology of experimental neuroparalytic diseases, USSR [with list of literature]; by S. R. Reznik, et al. June 29, 1970. cover title, 8 p. 4° [From Zhurnal mikro epidemiol immunobiol, no. 4, 1970.]  $\Phi$  Paper, \$3.00.  
 12623 50842. Immunological mechanisms of drug side effects, USSR; by Ye.Ya. Severova, T. A. Filippenko. June 29, 1970. cover title, 12 p. 4° [From Klinicheskaya meditsina, no. 4, 1970.]  $\Phi$  Paper, \$3.00.  
 12624 50843. Engineering psychology and control systems, USSR; by O. A. Konopkin. June 29, 1970. cover title, 7 p. 4° [From Voprosy psikhologii, no. 1, 1970.]  $\Phi$  Paper, \$3.00.  
 12625 50844. Optimal processes in conflict situations, USSR [with bibliography]; by V. M. Gavrilov. June 29, 1970. cover title, a-f+152 p. il. 4° [From Moscow Sovetskoye Radio Press, 1969.]  $\Phi$  Paper, \$3.00.  
 12626 50858. Water vapor pressure as a function of concentration of anomalous component in modified water, USSR; by B. V. Deryagin, et al. July 1, 1970. cover title, 6 p. il. 4° [From Doklady Akademii Nauk SSSR, v. 190, no. 2, 1970.]  $\Phi$  Paper, \$3.00.  
 12627 50859. Radioprotective action of some antioxidants obtained from petroleum products, USSR [with bibliography]; by A. I. Karayev, et al. July 1, 1970. cover title, 13 p. il. 4° [From Biologicheskkiye nauki, no. 5, 1970.]  $\Phi$  Paper, \$3.00.  
 12628 50860. Memory analyzed in terms of molecular physiology, USSR; by V. V. Dergachev. July 1, 1970. cover title, 18 p. il. 4° [From Priroda, no. 3, 1970.]  $\Phi$  Paper, \$3.00.  
 12629 50877. Use of Markov chains to analyze asynchronous methods of computer multiplication, USSR; by B. M. Kagan et al. July 6, 1970. cover title, 9 p. 4° [From Izvestiya Akademii Nauk SSR, Tekhnicheskaya kibernetika, no. 1, 1970.]  $\Phi$  Paper, \$3.00.  
 12630 50878. Soviet prizes in science and technology, USSR. July 6, 1970. cover title, 18 p. 4° [From Izvestiya, May 28, 1970.]  $\Phi$  Paper, \$3.00.  
 12631 50885. Experimental industrial adiabatic installation for desalinating seawater, USSR; by I. M. Mirkis, et al. July 7, 1970. cover title, 7 p. il. 4° [From Vodosnabzheniye i sanitarnaya tekhnika, no. 3, 1970.]  $\Phi$  Paper, \$3.00.  
 12632 50888. Toward uniform information system, USSR; by G. Glushkov. July 7, 1970. cover title, 12 p. 4° [From Nauka i zhizn', no. 4, Apr. 1970.]  $\Phi$  Paper, \$3.00.  
 12633 50894. Biological effects of laser radiation, USSR [articles, with bibliographies]. July 8, 1970. cover title, a+15 p. il. 4°  $\Phi$  Paper, \$3.00.  
 12634 50895. Soviet cooperation with foreign scientists. July 8, 1970. cover title, a+14 p. 4°  $\Phi$  Paper, \$3.00.

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
 Commerce, Springfield, Va. 22151  
 ●Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 12635 50897. Organization of biological systems and hypothesis of 'breakout' of species in community, USSR [with bibliography]; by V. D. Fedorov. July 8, 1970. cover title, 13 p. il. 4° [From Vestnik Moskovskogo Universiteta, no. 2, 1970.]  $\Phi$  Paper, \$3.00.
- 12636 50910. Cybernetics in Ukraine, USSR [selections, with bibliographies]. July 9, 1970. cover title, a+31 p. 4° [From Avtomatyka, no. 2, Mar. 27, 1970.]  $\Phi$  Paper, \$3.00.
- 12637 50927. Habitability of atomic submarines, USSR; by A. Konychev. July 13, 1970. cover title, 10 p. il. 4° [From Tekhnika i vooruzhaniye, no. 5, 1967.]  $\Phi$  Paper, \$3.00.
- 12638 50939. Designers of machinery not materially stimulated, USSR; by G. Komrakov. July 14, 1970. cover title, 7 p. 4° [From Izvestiya, 13, Mar. 15, 1970.]  $\Phi$  Paper, \$3.00.
- 12639 50942. Excerpts from 1966-1967 North Korean central yearbook. July 15, 1970. cover title, c+230 p. 4° [From Choson chungang yongam, 1966-1967, Dec. 20, 1967.]  $\Phi$  Paper, \$3.00.
- 12640 50958. Aerosol revaccination of experimental animals, USSR [with bibliography]; by N. I. Aleksandrov, et al. July 17, 1970. cover title, 8 p. 4° [From Zhurnal mikrobiologii, epidemiologii, immunobiologii, v. 47, no. 5, May 1970.]  $\Phi$  Paper, \$3.00.
- 12641 50959. New Soviet booklet on solid state plasticity and strength USSR [excerpts]; by B. I. Beresney et al. July 17, 1970. cover title, 13 p. il. 4° [Placetichest' i prochnost' tverdykh tel pri vysokikh devleniyakh 1970.]  $\Phi$  Paper \$3.00.
- 12642 50964. International relations of Soviet geodesists and cartographers, USSR; by N. N. Spasskiy. July 17, 1970. cover title, 11 p. 4° [From Geodeziya i kartografiya, May 1970.]  $\Phi$  Paper, \$3.00.
- 12643 50968. Cybernetics on march, USSR; by N. Il'inskaya. July 17, 1970. cover title, 9 p. 4° [From Sotsialisticheskaya industriya, June 7, 1970.]  $\Phi$  Paper, \$3.00.
- 12644 50969. Transistor radio research in USSR [articles, with bibliographies]. July 17, 1970. cover title, a+32 p. il. 4° [From Izvestiya vuzov SSSR-Radioelektronika, no. 7-8, 1969.]  $\Phi$  Paper, \$3.00.
- 12645 50972. Studies in Soviet biophysics [articles, with bibliographies]. July 17, 1970. cover title, a+35 p. il. 4° [From Biofizika, v. 15, no. 3, 1970.]  $\Phi$  Paper, \$3.00.
- 12646 50977. Physiological measurements in space and their automation, USSR [excerpts with bibliography] July 20, 1970. cover title, b+124 p. il. 4° [Moscow, Nauka Publishing House 1970. Updates JPRS 37096, Physiological methods in cosmonautics.]  $\Phi$  Paper, \$3.00.
- 12647 50982. Cryogenic unit applicable for some surgical operations, USSR [with bibliography]; by V. V. Balakov, et al. July 20, 1970. cover title, 6 p. il. 4° [From Optikomekhanicheskaya promyshlennost', no. 2, 1970.]  $\Phi$  Paper, \$3.00.
- 12648 50991. Statements by Ukrainian Academicians on occasion of Lenin Centennial, USSR. July 21, 1970. cover title, a+9 p. 4°  $\Phi$  Paper, \$3.00.
- 12649 50993. Method of radio astronomical observations and equipment construction principles, USSR [excerpt]; by Arkady Petrovich Sivers. July 21, 1970. cover title, 19 p. il. 4° [From Osnovy Kosmicheskoy radioelektroniki Soviet Radio Press, 1969.]  $\Phi$  Paper, \$3.00.
- 12650 51003. Interference and interference suppression in radio equipment, USSR; by A. Parkhomenko. July 22, 1970. cover title, 8 p. 4° [From Radio, Russian, no. 6, 1970.]  $\Phi$  Paper, \$3.00.
- 12651 51005. Role of management and control systems, USSR; by Yu. A. Tikhomirov. July 22, 1970. cover title, 15 p. 4° [Includes lists of references in footnotes. From Sovetskoye gosudarstvo i pravo, no. 5, May 1970.]  $\Phi$  Paper, \$3.00.
- 12652 51014. Improving performance of IVS-3 evaporators, USSR; by G. Ya. Lukin, et al. July 24, 1970. cover title, 4 p. il. 4° [From Rybnoye khozyaystvo, no. 11, 1967.]  $\Phi$  Paper, \$3.00.
- 12653 51021. Physical principles of quantum gyroscopy, USSR [with bibliography]; by N. M. Pomerantsev, et al. July 24, 1970. cover title, 40 p. il. 4° [From Upekhi fizicheskikh nauk, v. 100, no. 3, 1970.]  $\Phi$  Paper, \$3.00.
- 12654 51025. Significance of visual information in forming spatial perception in weightlessness USSR [with bibliography]; by L. A. Kitayev-Smyk. July 24, 1970. cover title, 8 p. 4° [From Voprosy psikhologii, no. 2, 1970.]  $\Phi$  Paper, \$3.00.
- 12655 51039. High efficiency parabolic antennas for space communications and radio astronomy, USSR [with bibliography]; by A. F. Bogomolov, et al. July 28, 1970. cover title, 16 p. il. 4° [From Radio elektronika, v. 13, no. 4, 1970.]  $\Phi$  Paper, \$3.00.
- 12656 51040. Electrical discharges and sounds in some species of nonelectric fish of Black Sea, USSR [with bibliography]; by V. R. Protasov. July 28, 1970. cover title, 27 p. il. 4° [From Zhurnal obshchev biologii, v. 30, no. 5, 1969.]  $\Phi$  Paper, \$3.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



SEPTEMBER 1970

LABOR DEPARTMENT  
Washington, DC 20210

- 12657 Opening address, 50th Anniversary Celebration of Women's Bureau, Department of Labor, by James D. Hodgson, Under Secretary of Labor, Washington, D.C., June 12, 1970. [1970.] 7 leaves, 4° † L 1.13: H 66

LABOR STANDARDS BUREAU, Labor Dept.  
Washington, DC 20210

- Occupational safety aids, Department of Labor safety training program OSA-LS (series). • Item 765-G L 16.49: (nos.)
- 12658 172. Preventing office accidents. [May 1970.] 12 p. il. 4° • Paper, 15c.  
12659 180. Safety training techniques in the classroom. Revised [edition]. [May 1970.] [7] p. il. 4° • Paper, 10c.
- Safe work guide, Department of Labor work safety programs LS (series).  
12660 528. Metalworking machines safeguarding. [1970.] 19 p. il. 4° † • Item 764-C L 16.51/2: 528

LABOR STATISTICS BUREAU, Labor Dept.  
Washington, DC 20210

BLS staff paper (series).

- 12661 3. Productivity analysis in manufacturing plants [with list of references]; by Benjamin P. Klotz. 1970. iv+98 p. il. • Paper, 50c. • Item 768-J L 2.71/5: 3

Bulletins.

L 2.3: (nos.)

- 12662 1000. Brief history of American labor movement; [prepared in Division of Industrial Relations]. 1970 edition. [1970.] vi+143 p. il. 12° [List of references on p. 3 of cover.] • Paper, \$1.00. • Item 768 L.C. card L 58-11
- 12663 1650-1. Employment outlook: Tomorrow's jobs. [1970.] [12] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 15c.  
12664 1650-2. Employment outlook: Accountants. [1970.] [8] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12665 1650-3. Employment outlook: Advertising workers, marketing research workers, public relations workers. [1970.] [12] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 15c.  
12666 1650-4. Employment outlook: Personnel workers. [1970.] [8] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12667 1650-5. Employment outlook: Industrial traffic managers, purchasing agents. [1970.] [8] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12668 1650-6. Employment outlook: Physicians, osteopathic physicians. [1970.] [8] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12669 1650-7. Employment outlook: Dentists. [1970.] [8] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12670 1650-8. Employment outlook: Dental hygienists, dental assistants, dental laboratory technicians. [1970.] [11] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 15c.  
12671 1650-9. Employment outlook: Registered nurses, licensed practical nurses, hospital attendants. [1970.] [12] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 15c.  
12672 1650-11. Employment outlook: Pharmacists. [1970.] [8] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12673 1650-12. Employment outlook: Podiatrists. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12674 1650-13. Employment outlook: Chiropractors. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12675 1650-14. Employment outlook: Occupational therapists, physical therapists. [1970.] [8] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12676 1650-15. Employment outlook: Speech pathologists and audiologists. [1970.] [7] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.  
12677 1650-19. Employment outlook: Dietitians. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] • Paper, 10c.

♠For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
♠Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Bulletins—Continued

- 12678 1650-22. Employment outlook: Veterinarians. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12679 1650-23. Employment outlook: Engineers. [1970.] [16] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12680 1650-28. Employment outlook: Architects. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12681 1650-29. Employment outlook: Clergymen, protestant clergymen, rabbis, Roman Catholic priests. [1970.] [11] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12682 1650-31. Employment outlook: Conservation occupations: foresters, forestry aids, range managers. [1970.] [11] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12683 1650-33. Employment outlook: Home economists. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12684 1650-34. Employment outlook: Landscape architect. [1970.] [4] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12685 1650-35. Employment outlook: Lawyers. [1970.] [4] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12686 1650-36. Employment outlook: Librarians, library technicians. [1970.] [11] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12687 1650-39. Employment outlook: Performing arts occupations, actors and actresses, dancers, musicians, singers. [1970.] [12] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12688 1650-42. Employment outlook: Psychologists. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12689 1650-44. Employment outlook: Social scientists, anthropologists, economists, geographers, historians, political scientists, sociologists. [1970.] [16] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 15c.
- 12690 1650-45. Employment outlook: Social workers. [1970.] [8] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12691 1650-46. Employment outlook: Surveyors. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12692 1650-51. Employment outlook: Cashiers. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12693 1650-52. Employment outlook: Receptionists. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12694 1650-54. Employment outlook: Stenographers and secretaries, typists. [1970.] [8] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12695 1650-55. Employment outlook: Telephone operators. [1970.] [7] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12696 1650-61. Employment outlook: Barbers, cosmetologists. [1970.] [8] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12697 1650-63. Employment outlook: Cooks and chefs, waiters and waitresses. [1970.] [6] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12698 1650-64. Employment outlook: FBI special agents. [1970.] [4] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12699 1650-65. Employment outlook: Firefighters. [1970.] [4] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12700 1650-70. Employment outlook: Carpenters, painters and paperhangers, glaziers. [1970.] [19] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 20c.
- 12701 1650-77. Employment outlook: Plumbers and Pipefitters. [1970.] [15] p. il. 4° ([Occupational outlook reprint series.]) [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.
- 12702 1650-83. Employment outlook: Business machine servicemen. [1970.] [11] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 15c.
- 12703 1650-91. Employment outlook: Blacksmiths. [1970.] [7] p. il. 4° [Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 10c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

- 12704 1650-97. Employment outlook: Furniture upholsterers. [1970.] [7] p. il. 4°  
[Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 10c.
- 12705 1650-109. Employment outlook: Aluminum industry. [1970.] [11] p. il. 4°  
[Reprint from 1970-71 Occupational outlook handbook.] \* Paper, 15c.
- 12706 1650-110. Employment outlook: Apparel industry. [1970.] [15] p. il. 4° [Reprint from Occupational outlook handbook, 1970-71 edition.] \* Paper, 15c.
- 12707 1655. Pilots and mechanics in civil aviation, 1967-77, study of manpower requirements: pt. 1, Current situation and shortage outlook (Manpower Administration); pt. 2, Long-range manpower requirements (Bureau of Labor Statistics). 1970. x+51+v+39 p. il. 4° \* Paper, \$1.00. ● Item 768  
L.C. card 71-608474
- 12708 1660-64. Area wage survey: Los Angeles-Long Beach and Anahelm-Santa Ana-Garden Grove, Calif., metropolitan area, Mar. 1970. July 1970. iv+36 p. oblong 8° \* Paper, 45c. ● Item 768
- 12709 1660-66. Area wage survey: St. Louis Mo.-Ill., metropolitan area, Mar. 1970. July 1970. iv+30 p. oblong 8° \* Paper, 40c. ● Item 768
- 12710 1660-67. Area wage survey: Houston, Tex., metropolitan area, Apr. 1970. July 1970. iv+25 p. oblong 8° \* Paper, 35c. ● Item 768  
L.C. card 66-62759
- 12711 1660-68. Area wage survey: Charleston, W. Va., metropolitan area; Apr. 1970. July 1970. iii+26 p. oblong 8° \* Paper, 35c. ● Item 768  
L.C. card L66-41
- 12712 1660-69. Area wage survey: Wichita, Kans., metropolitan area, Apr. 1970. July 1970. iii+26 p. oblong 8° \* Paper, 35c. ● Item 768  
L.C. card L86-35
- 12713 1660-71. Area wage survey: San Antonio, Tex., metropolitan area, May 1970. July 1970. iii+15 p. oblong 8° \* Paper, 30c. ● Item 768  
L.C. card L66-152
- 12714 1660-72. Area wage survey: Providence-Pawtucket-Warwick, R.I.-Mass., metropolitan area, May 1970. July 1970. iii+17 p. oblong 8° \* Paper, 30c. ● Item 768  
L.C. card 66-144
- 12715 1661. Negotiation impasse, grievance, and arbitration in Federal agencies; [prepared by Ronald W. Glass]. 1970. v+78 p. 4° \* Paper, 75c. ● Item 768  
L.C. card 77-608497
- 12716 1668. Union wages and hours: Building trades, July 1, 1969; [prepared by Thomas C. Mobley]. 1970. v+49 p. 4° \* Paper, 55c. ● Item 768  
L.C. card L 37-66
- 12717 1669. Union wages and hours: Local truckdrivers and helpers, July 1, 1969; [prepared by Arthur I. Rose]. 1970. iv+39 p. 4° \* Paper, 50c. ● Item 768
- 12718 1673. U.S. economy in 1980, summary of BLS projections [by Maxine G. Stewart]. 1970. viii+59 p. il. 4° \* Paper, 65c. ● Item 768  
L.C. card 75-608491
- 12719 Jobs, jobs, jobs, which one for you? List of reprints from 1970-71 occupational outlook handbook. [1970.] [7] p. il. narrow 8° † ● Item 768-E  
L 2.34/2: J 57
- Monthly labor review, reprint.
- 12720 2662. Skills and location of defense-related workers; [by] Max A. Rutzick. [1970.] p. 11-16, il. 4° [From Feb. 1970 issue.] † L 2.6/a: 2662
- 12721 Multiple jobholders, May 1969, advance summary special labor force report. Apr. 1970. 6 p. 4° † L 2.2: M 91/969

LAKE SURVEY (Army), Defense Dept.  
630 Federal Bldg., Detroit, MI 48226

- 12722 Supplement 3, July 1970, corrections and additions to 1970 Great Lakes pilot. [1970.] [2]+ p.+15 leaves. [Bearings are true and distances are expressed in statute miles. Supplements information given upon charts published by Lake Survey.] † U.S. Army Engineer District, Lake Survey, Corps of Engineers, 630 Federal Building, Detroit, MI 48226  
L.C. card 6-7112 D 103.203: 970/supp.3

LIBRARY OF CONGRESS  
Washington, DC 20540

- 12723 Classification, class N, Fine arts. 4th edition. 1970. xi p.+280 leaves. large 8° (Processing Department, Subject Cataloging Division.) † Paper, \$3.00, Card Division, Library of Congress, Building 159, Navy Yard Annex, Washington, DC 20541. ● Item 819  
L.C. card 78-606523 LC 26.9: N/970

♠For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

- 12724 Library of Congress catalog: Music and phonorecords, cumulative list of works represented by Library of Congress printed cards, 1969. 1970. v +682 p. 4° † Paper, \$20.00 (including semiannual issue and annual cumulation).  
L.C. card 53-60012 LC 30.8/6: 969
- 12725 Negro in United States, selected bibliography; compiled by Dorothy B. Porter. 1970. x +131 +313 p. \* Cloth, \$3.25. ● Item 785-A  
L.C. card 78-606085 LC 1.12/2: N 31

MARINE CORPS (Navy), Defense Dept.  
Washington, DC 20350

- Marine Corps historical bibliography. (Historical Division.)
- 12726 Annotated bibliography of Marine Corps' artillery; by Ralph W. Donnelly. 1970. ix +68 p. 4° †  
L.C. card 73-607594 D 214.15: Ar 7
- Marine Corps historical reference pamphlet. (Historical Division.)
- 12727 United States marines in Iceland, 1941-42; by Kenneth J. Clifford, editor. 1970. v +22 p. 4° [Supersedes Marine Corps historical series pamphlet 34, 1962. Illustration and map on p. 2 and 3 of cover.] †  
L.C. card 75-607983 D 214.14/2: Ic 2

MARITIME ADMINISTRATION, Commerce Dept.  
Washington, DC 20548

- MA SP (series).
- 12728 70-20. Remarks by A. E. Gibson, Maritime Administrator, Department of Commerce, at launching of SS American Apollo, at Sun Shipbuilding and Dry Dock Company, Chester, Pa., July 22, 1970. 1970. 5 p. 4° †  
C 39.216/2: 70-20
- 12729 Relative cost of shipbuilding in various coastal districts of United States, report to Congress of United States. [1970.] cover title, [2] leaves +41 p. 4° † Paper, 50c.  
L.C. card 63-62311 C 39.216/2: 970
- 12730 Ship designs for a U.S. flag merchant fleet, summary report, Marad benchmark designs. [1970.] cover title, 12 p. il. 4° ([PD-162]; Office of Ship Construction.) [Text on p. 3 of cover.] †  
C 39.202: Sh 64/14

MEDICINE AND SURGERY BUREAU (Navy), Defense Dept.  
Washington, DC 20350

- U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: Reports. † D 206.10:(nos.)
- 12731 607. Sensory behavior of naval personnel, monaural/binaural minimum audible angle of auditory response [with list of references]; by J. Donald Harris and Russell L. Sergeant. Jan. 14, 1970. cover title, iii +17 +2 p. il. 4° (Research work unit MF12.524.004-9010D.08.)
- 12732 608. Underwater hearing in man: 2. Comparison of temporary threshold shifts induced by 3500 Hertz tones in air and underwater [with list of references]; by Paul F. Smith [and others]. Jan. 15, 1970. cover title, iii +4 +2 p. il. 4° (Research work unit MF12.524.004-9012D.05.)
- 12733 610. Effects of exposure to intense low frequency tones on hearing and performance [with list of references]; by Paul F. Smith [and others]. Jan. 26, 1970. cover title, iii +4 +2 p. il. 4° (Research work unit MF12-524.004-9012D.06)
- 12734 614. Open sea, surface evaluation of submarine escape and immersion equipment [with list of references]; by James W. Parker, David A. Hall, and John J. Mellon. Feb. 20, 1970. cover title, iii +20 +2 p. il. 4° (Research work unit MF12.524.006-9025B.34.)
- 12735 615. Pulmonary gas exchange and urinary electrolyte excretion during saturation-excursion diving to pressures equivalent to 800 and 1000 feet of seawater [with list of references]; by Karl E. Schaefer, C. R. Carey, and J. H. Dougherty, jr. Mar. 6, 1970. cover title, iii +21 +2 p. il. 4° (Research work unit MR005.01.01-0063B.95.)
- 12736 617. Simulated deep submarine escape from 495 feet of sea water [with list of references]; by D. A. Hall and J. K. Summitt. Mar. 18, 1970. cover title, iii +35 +2 p. il. 4° (Research work unit MF12.524.006-9025B.34.)
- 12737 622. Experimental training for open-sea submarine escape; by James W. Parker and David A. Hall. Mar. 30, 1970. cover title, iii +45 +2 p. 4° (Research work unit MF12.524.006-9025B.35.)

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

MINES BUREAU, Interior Dept.  
Washington, DC 20240

- 12738 Aluminum; [by John W. Stamper and Robert F. Griffith.] [1968.] [2]+19 p.  
[Preprint from Minerals yearbook, 1967.] \* Paper, 15c.

I 28.37/a : A1 82/967

Bulletin.

- 12739 655. Thermodynamic, electrical, physical, and compositional properties of seeded coal combustion products [with list of references]; by H. F. Feldmann [and others]. [1970] iv+289 p. il. 4° \* Paper, \$2.75. ● Item 636  
L.C. card 75-608353 I 28.3 : 655

Information circulars. ● Item 637-A

I 28.27 : (nos.)

- 12740 8475. Analyses of natural gases, 1969; by L. E. Cardwell and L. F. Benton. [1970.] [3]+134 p. 4° \* Paper, \$1.25.

L.C. card 64-61479

- 12741 8477. Socioeconomic aspects of mining in selected cities: Urbanization and surface mining, Atlanta, Ga. [with list of references]; by R. R. French, A. W. Stuart, and D. H. White. [1970.] [2]+iv+50 p. il. 4° \* Paper, 55c.

L.C. card 76-608443

- 12742 8484. Respirable dust sampling requirements under Federal coal mine health and safety act of 1969; by Donald P. Schlick and Robert G. Peluso. July 1970. [3]+35 p. il. 4° †Mines Bureau, Pittsburgh, PA 15213

Report of investigations. ● Item 537-A

I 28.23 : (nos.)

- 12743 7410. Tunnel boring technology, disk cutter experiments in sedimentary and metamorphic rocks; by Roger J. Morrell, William E. Bruce, and David A. Larson. [July 1970.] [2]+ii+32 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

- 12744 7412. Compressibility factors for helium and carbon dioxide mixtures at -10° and 20° C and pressures to 1,000 PSIA [with list of references]; by G. W. Weems and A. R. Howard. [July 1970.] [3]+44 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

- 12745 7413. Method of weighing object in gaseous atmospheres to obtain its true mass and volume [with list of references]; by Alexander May and Robert E. Barreau. [July 1970.] [3]+32 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

- 12746 7416. Range in metals and metal oxide systems of heavy ions in energy range 60 to 400 KEV [with list of references]; by E. D. Sartwell, P. B. Needham, Jr., and D. Danforth. [July 1970.] [3]+19 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

- 12747 7418. Hydroresulfurization of residual fuel from Wilmington, Calif., crude oil [with list of references]; by C. M. Frost and P. L. Cottingham. [Aug. 1970.] [3]+16 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

- 12748 7419. Radiographic test for electrodeposit porosity [with list of references]; by Stephen D. Cramer, V. A. Cammarota, Jr., and David Schlaif. [Aug. 1970.] [2]+ii+17 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

Technical progress reports.

I 28.26/6 : (nos.)

- 12749 22. Recovery of heavy minerals from Alabama sand and gravel operations; by G. V. Sullivan and James S. Browning. Mar. 1970. (Nonmetallic minerals program.) [3] 14 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

- 12750 26. Electrolytic oxidation of cinnabar ores for mercury recovery; by B. J. Scheiner [and others]. June 1970. [3]+11 p. il. 4° (Metallurgy Research Program.) † Mines Bureau, Pittsburgh, PA 15213

MISSOURI BASIN INTER-AGENCY COMMITTEE

NOTE.—The chairman of the Missouri Basin Inter-Agency Committee for fiscal year 1971 is Mr. Harrell F. Mosbaugh, P.O. BOX 2530, Billings, MT 59103.

- 12751 Directory of Federal and State officials engaged in water resources development, fiscal year 1971. June 1970. cover title, 1+1+52 p. 4° †  
L.C. card 61-62228 Y 3.M 69: 2 D 62/971

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Washington, DC 20546

NASA contractor report CR (series).

NAS 1.26 : (nos.)

- 12752 1460. High temperature (800°-1600° F) magnetic materials [with list of references]; by P. E. Kueser [and others]. Mar. 1970. cover title, xii+322 p. il. 4° [Prepared under contract NAS 3-6465 by Westinghouse Electric Corporation, Lima, Ohio. Issued by originator as report WAED-67.34E.] † Paper, \$3.00.  
L.C. card 78-606917

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 43

GOVERNMENT PUBLICATIONS

NASA contractor report CR (series)—Continued

- 12753 1478. Self-study course in FORTRAN programming: v. 1, Textbook; by Valmer Norrod, Sheldon Blecher, and Martha Horton. Apr. 1970. cover title, ix+360 p. il. 4° [Prepared under contract NAS 5-9758 by Computer Sciences Corporation, El Segundo, Calif.]  $\phi$  Paper, \$3.00.  
L.C. card 70-606963
- 12754 1499. Potassium turboalternator (KTA), preliminary design study: v. 2, Alternator parametric design [with list of references; edited by R. A. Rackley]. Mar. 1970. cover title, xvi+322 p. il. 4° [Prepared under contract NAS 3-10934 by Garrett Corporation, Phoenix, Ariz.]  $\phi$  Paper, \$3.00.  
L.C. card 70-607325
- 12755 1515. Study of vibration responses of shells and plates to fluctuating pressure environments [with list of references]; by D. J. Bozich and R. W. White. Mar. 1970. cover title, vii+160 p. il. 4° [Prepared under contract NAS 9-7484 by Wyle Laboratories, Huntsville, Ala. Issued by originator as report WR 69-19.]  $\phi$  Paper, \$3.00.
- 12756 1517. Hydrodynamic journal bearing test and analysis [with list of references]; by R. J. Rossbach. June 1970. cover title, xiv+215 p. il. 4° [Prepared under contract NAS 3-6479 by General Electric Company, Missile and Space Division, Cincinnati, Ohio. Issued by originator as report GESP-133.]  $\phi$  Paper, \$3.00.
- 12757 1519. Application of theory to axial compressor noise [with list of references]; by J. B. Ollerhead and C. L. Munch. Apr. 1970. cover title, xi+95 p. il. 4° [Prepared under contract NAS 1-8278 by Wyle Laboratories, Huntsville, Ala. Issued by originator as report WR 69-15.]  $\phi$  Paper, \$3.00.
- 12758 1534. Investigation of small-scale motions and forecasting of wind profiles over short periods of time at Cape Kennedy, Fla. [with lists of references]; by James R. Scoggins, M. M. Pendergast, and V. E. Moyer. Apr. 1970. cover title, [167] p. il. 4° [Prepared under contract NAS 8-21257 by Texas A & M University, College Station, Tex.]  $\phi$  Paper, \$3.00.
- 12759 1535. Measurement and analysis of pilot scanning and control behavior during simulated instrument approaches [with list of references]; by David H. Weir and Richard H. Klein. June 1970. cover title, [126] p. il. 4° [Prepared under contract NAS 2-3746 by Systems Technology, Inc., Hawthorne, Calif. Issued by originator as Technical report 170-4.]  $\phi$  Paper, \$3.00.
- 12760 1549. Transient journal bearing analysis [with bibliography]; by R. Gordon Kirk and Edgar J. Gunter, jr. June 1970. cover title, xvi+197 p. il. 4° [Prepared under grant NGR 47-005-050 by University of Virginia Dept. of Mechanical Engineering, Charlottesville, Va.]  $\phi$  Paper, \$3.00.
- 12761 1556. Synthesis of pyrrene polymers [with list of references]; by L. W. Frost and G. M. Bower. June 1970. cover title, iv+94 p. il. 4° [Prepared under contract NAS 1-7354 by Westinghouse Research Laboratories, Pittsburgh, Pa.]  $\phi$  Paper, \$3.00.  
L.C. card 70-608124
- 12762 1559. Basic research on liquid-drop-impact erosion [with list of references]; by O. G. Engel. June 1970. cover title, xi+235 p. il. 4° [Prepared under contract NAS W-1481 by General Electric Company, Missile and Space Division, Cincinnati, Ohio.]  $\phi$  Paper, \$3.00.  
L.C. card 78-608126
- 12763 1567. Study of failure modes of multilevel large scale integrated circuits [with bibliographies]; by Earl S. Schegel. June 1970. cover title, viii+93+A-8+B-2 p. il. 4° [Prepared under contract NAS 12-544 by Philco-Ford Corporation, Blue Bell, Pa.]  $\phi$  Paper, \$3.00.
- 12764 1570. Information requirements for supersonic transport operation [with list of references]; by Lewis Meler [and others]. July 1970. cover title, xiii+249 p. il. 4° [Prepared under contract NAS 2-5069 by Stanford Research Institute, Menlo Park, Calif.]  $\phi$  Paper, \$3.00.  
L.C. card 77-608533
- 12765 1587. Potassium turboalternator preliminary design study: 2, Refinement of selected turboalternator layout (phase 2) [with list of references; edited by E. Schnetzer]. June 1970. cover title, vii+373 p. il. 4° [Prepared under contract NAS 3-10933 by General Electric Company, Cincinnati, Ohio.]  $\phi$  Paper, \$3.00.  
L.C. card 70-607325
- 12766 1617. Thermodynamic property measurements in reflected shock air plasmas at 12-16,000°K [with list of references]; by Allen D. Wood and Kenneth H. Wilson. July 1970. cover title, iv+65 p. il. 4° [Prepared under contract NAS 7-704 by Lockheed Missiles & Space Company, Palo Alto, Calif.]  $\phi$  Paper, \$3.00.
- 12767 1623. Factor affecting performance of porous structures used as oxygen fuel cell electrodes [with list of references]; by J. Katan. June 1970. cover title, xi+156 p. il. 4° [Prepared under contract NAS 3-11833 by Lockheed Palo Alto Research Laboratory, Lockheed Missiles & Space Company, Palo Alto, Calif.]  $\phi$  Paper, \$3.00.

NASA SP (series).

- 12768 239. Kinetics and thermodynamics in high-temperature gases, conference held at Lewis Research Center, Cleveland, Ohio, Mar. 19, 1970 [articles, with lists of references]; prepared by Lewis Research Center. 1970. v+146 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.)  $\phi$  Paper, \$3.00.  
L.C. card 78-608280

NAS 1.21 : 239

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



- NASA technical note TN (series). NAS 1.14 : D-(nos.)
- 12769 D-5466. Simulator study of coupled roll-spiral mode effects on lateral-directional handling qualities [with list of references]; by William D. Grantham. Mar. 1970. cover title, [1]+45 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12770 D-5649. Numerical evaluation of preliminary orbit determination methods [with list of references]; by William F. Huseonica. Apr. 1970. cover title, vi+227 p. ll. 4°  $\Phi$  Paper, \$3.00. L.C. card 72-606961
- 12771 D-5680. Meteorological satellite views of cloud growth associated with development of secondary cyclones [with list of references]; by William E. Shenk. Apr. 1970. cover title, iii+24 p. ll. 4°  $\Phi$  Paper, \$3.00. L.C. card 70-606904
- 12772 D-5681. FORTRAN program for calculating compressible laminar and turbulent boundary layers in arbitrary pressure gradients [with list of references]; by William D. McNally. May 1970. cover title, v+107 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12773 D-5688. Preliminary tests of simplified modular turbojet combustor [with list of references]; by Richard W. Niedzwiecki. Mar. 1970. cover title, [1]+28 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12774 D-5701. Generalized stiffness matrix for ring-stiffened shells of revolution [with lists of references]; by George E. Weeks and Joseph E. Walz. Mar. 1970. cover title, [1]+51 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12775 D-5702. Investigation of fatigue-crack growth under simple variable-amplitude loading [with list of references]; by C. Michael Hudson and K. N. Raju. Mar. 1970. cover title, [1]+22 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12776 D-5704. Vapor ingestion phenomenon in hemispherically bottomed tanks in normal gravity and in weightlessness [with list of references]; by Steven G. Berenyi and Kaleel L. Abdalla. Apr. 1970. cover title, [1]+23 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12777 D-5714. Stability of constant-gain systems with vector feedback [with list of references]; by George L. von Pragenau. Mar. 1970. cover title, viii+27 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12778 D-5717. Optical study of sonic and supersonic jet penetration from flat plate into Mach 2 airstream [with list of references]; by Martin Hersch, Louis A. Povinelli, and Frederick P. Povinelli. Mar. 1 1970. cover title, [1]+13 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12779 D-5718. Conservation laws of linear, homogeneous systems [with list of references]; by J. R. Williams. Apr. 1970. cover title, [1]+71 p. ll. 4°  $\Phi$  Paper, \$3.00. L.C. card 74-606940
- 12780 D-5722. Study of radiation heat transfer from cylindrical fin with base surface interaction [with list of references]; by Charles A. Cothran. Apr. 1970. cover title, x+81 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12781 D-5730. Parametric study of frangible-tube energy-absorption system for protection of nuclear aircraft reactor [with list of references]; by Richard L. Puthoff and Klaus H. Gumto. Mar. 1970. cover title, [1]+35 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12782 D-5735. Influence of fiber aspect ratio on stress rupture life of discontinuous fiber composites [with list of references]; by Robert W. Jech. Apr. 1970. cover title, [1]+23 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12783 D-5737. Estimation of spatial capture distributions in resonance absorbers [with list of references]; by Donald Bogart. Apr. 1970. cover title, [1]+20 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12784 D-5741. Study of accuracy of flight-heating simulation and its effect on load measurement [with list of references]; by Roger A. Fields. Apr. 1970. cover title, [1]+27 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12785 D-5762. Study of directional-mean-free-path method for gas flow in translational nonequilibrium [with list of references]; by E. Dale Martin. July 1970. cover title, ix+160 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12786 D-5764. Rarefied diffusion by model sampling [with list of references]; by Morris Perlmutter. Apr. 1970. cover title, [1]+19 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12787 D-5767. Statistical study of normal load factor just prior to ground contact for 5 light airplanes [with list of references]; by Albert W. Hall. Apr. 1970. cover title, [1]+21 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12788 D-5769. Simulation in ground-test facilities of ablation performance of charring ablators during atmospheric entry [with list of references]; by Stephen S. Tompkins. Apr. 1970. cover title, [1]+36 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12789 D-5773. Mercury electrochemical coulometer as battery state-of-charge indicator [with list of references]; by Richard R. Secunde and Arthur G. Birchenough. July 1970. cover title, [1]+17 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12790 D-5786. Task scheduling for real time multiprocessor [with list of references]; by John W. Jordan. May 1970. cover title, [1]+23 p. ll. 4°  $\Phi$  Paper, \$3.00. L.C. card 71-607548
- 12791 D-5792. Stagnation-point solutions for inviscid radiating shock layers [with list of references]; by William B. Olstad. June 1970. cover title, iv+179 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12792 D-5797. Laser heating of ionized helium [with list of references]; by Victor E. Scherrer. July 1970. cover title, [1]+7 p. ll. 4°  $\Phi$  Paper, \$3.00.

GOVERNMENT PUBLICATIONS

NASA technical note TN (series)—Continued

- 12793 D-5806. Flight comparison of several techniques for determining minimum flying speed for large, subsonic jet transport [with list of references]; by David A. Kier. June 1970. cover title, [1]+35 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12794 D-5807. Static and dynamic fatigue behavior of glass filament-wound pressure vessels at ambient and cryogenic temperatures [with list of references]; by Morgan P. Hanson. May 1970. cover title, [1]+15 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12795 D-5809. Unstable bubble motion under low gravitational conditions [with list of references]; by John B. Haggard, jr. May 1970. cover title, [1]+18 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12796 D-5814. Description and evaluation of digital-computer program for analysis of stationary outside-coil Lundell alternators [with list of references]; by Gary Bollenbacher. June 1970. cover title, iv+115 p. 4°  $\Phi$  Paper, \$3.00.
- 12797 D-5820. Effects of antiwear and extreme-pressure additives in synthetic paraffinic lubricant on ball spinning torque [with list of references]; by Dennis P. Townsend and Erwin V. Zaretsky. May 1970. cover title, [1]+11 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12798 D-5827. Investigation of digital simulation of XB-70 inlet and its application to flight-experienced free-stream disturbances at Mach numbers of 2.4 to 2.8 [with list of references]; by Robert J. Gallagher. June 1970. cover title, [1]+26 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12799 D-5830. Laboratory investigation of diffraction and reflection of sonic booms by buildings [with list of references]; by J. D. Brooks, W. D. Beasley, and R. L. Barger. June 1970. cover title, [1]+22 p. ll. 4°  $\Phi$  Paper, \$3.00.  
L.C. card 70-608199
- 12800 D-5832. Polyimides from some diaminoanthraquinones and pyromellitic dianhydride [with list of references]; by Peter Delvigs. May 1970. cover title, [1]+15 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12801 D-5833. Approximate analytical models for landing energy absorption, including effect of penetration by payload into its crushable casing [with list of references]; by Robert W. Warner. June 1970. cover title, x+83 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12802 D-5837. DAISY, efficient program for production of neutron pseudo resonance parameter chains in unresolved energy region [with list of references]; by Thor T. Semler. May 1970. cover title, iii+41 p. ll. 4°  $\Phi$  Paper, \$3.00.  
L.C. card 70-607545
- 12803 D-5842. Stability of electron beam injected into space [with list of references]; by R. Krishan Jaggi. July 1970. cover title, [1]+10 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12804 D-5845. Head to base transfer function characteristics of cylindrical tank partly filled with liquid [with list of references]; by Carl F. Lorenzo, William G. Costakis, and Eva T. Jun. Jun 1970. cover title, [1]+39 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12805 D-5847. Characteristics of magnetospheric ducts observed by Alouette-2 topside sounder [with list of references]; by J. Ramasastry and E. J. Walsh. June 1970. cover title, [1]+19 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12806 D-5849. Kinetic electron temperature measurement techniques for helium [with list of references]; by Victor E. Scherrer. June 1970. cover title, [1]+11 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12807 D-5850. Effect of various gases on thermionic emission of tantalum wire filaments [with list of references]; by Thomas M. Heslin, John J. Park, and Edward L. Sanford. July 1970. cover title, iii+10 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12808 D-5864. Vacuum leakage tests of simulated lightweight spacecraft air lock [with list of references]; by Otto F. Trout, jr. July 1970. cover title, [1]+45 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12809 D-5869. Description and performance of Saturn launch vehicle's navigation, guidance, and control system [with list of references]; by Walter Haeussermann. July 1970. cover title, vii+44 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12810 D-5873. Survey of properties of T-111 (tantalum-8 tungsten-2 hafnium) [with list of references]; by Paul E. Moorhead and Phillip L. Stone. June 1970. cover title, [1]+24 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12811 D-5879. Systematic method of calculating reduced matrix elements of single-particle operators [with list of references]; by William F. Ford and Richard C. Braley. July 1970. cover title, [1]+33 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12812 D-5880. Radiation-induced preparation of metals from their aqueous salt solutions [with list of references]; by Warren E. Philipp and Stanley J. Marsik. July 1970. cover title, [1]+13 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12813 D-5881. Development and evaluation of high-efficiency power inverter [with list of references]; by Eugene L. Kelsey and H. Milton Holt. June 1970. cover title, [1]+35 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12814 D-5883. Modifications to Fourier's law of heat conduction through use of simple collision model [with list of references]; by Willard E. Meador. July 1970. cover title, [1]+36 p. 4°  $\Phi$  Paper, \$3.00.
- 12815 D-5884. Analysis of supersonic conical flows [with list of references]; by C. W. Chiang and Richard D. Wagner, jr. July 1970. cover title, [1]+34 p. ll. 4°  $\Phi$  Paper, \$3.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

- 12816 D-5887. Heat transfer in 60° half-angle of convergence nozzle with various degrees of roughness [with list of references] by Meyer Reshotko, Donald R. Boldman, and Robert C. Ehlers. July 1970. cover title, [1]+29 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12817 D-5890. Evaluation of effect of yaw-rate damper on flying qualities of light twin-engine airplane [with list of references]; by Calvin R. Jarvis, Paul C. Loschke, and Einar K. Enevoldson. July 1970. cover title, [1]+46 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12818 D-5896. Method for determination of accuracy of closed distant stationary orbits determined from range rate [with list of references]; by Alton F. Mayo, July 1970. cover title, [1]+30 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12819 D-5897. Experimental determination of apparent mass and moment of inertia of large disk suspended as pendulum at different air densities [with list of references]; by Robert S. Dunning. July 1970. cover title, [1]+25 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12820 D-5898. Aerodynamic interference effects on half-cone bodies with thin wings at Mach 10.03 [with list of references]; by James C. Townsend. July 1970. cover title, [1]+24 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12821 D-5900. Determination of inflated shape and inertial properties of all-flexible parawing [with list of references]; by Blair B. Gloss. July 1970. cover title, [1]+31 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12822 D-5905. Isotope effect in B-zirconium [with list of references]; by Donald Graham and Earl R. Hanes, jr. July 1970. cover title, [1]+21 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12823 D-5906. PERTURB, transport-perturbation program [with list of references]; by John L. Anderson. July 1970. cover title, [1]+64 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12824 D-5910. Method for thermal analysis of spacecraft, including all multiple reflections and shading among diffuse, gray surfaces [with list of references]; by Doyle P. Swofford. July 1970. cover title, [1]+63 p. ll. 4°  $\Phi$  Paper, \$3.00.
- 12825 D-5920. Control of electronic circuit designs for space vehicles [with list of references]; by O. James Magrini. July 1970. cover title, [1]+14 p. 4°  $\Phi$  Paper, \$3.00.

NASA technical report R (series).

- 12826 333. Coupled thermally-induced transverse plus torsional vibrations of thin-walled cylinder of open section [with bibliographies]; by Harold P. Frisch. Mar. 1970. cover title, iv+110 p. ll. 4°  $\Phi$  Paper, \$3.00. NAS 1.12: 333

NASA technical translation TT (series). NAS 1.13/2: F-(nos.)

- 12827 F-589. Satellite meteorology [with lists of references]; edited by K. S. Shifrin and V. L. Gayevskiy. June 1970. cover title, vi+267 p. ll. 4° [Hydrometeorological Press, Leningrad, 1968.]  $\Phi$  Paper, \$3.00.  
L.C. card 71-607844
- 12828 F-594. Cosmic rays and their interactions [with list of references]; by V. S. Murzin and L. I. Sarycheva. June 1970. cover title, xiii+320 p. ll. 4° [Atom Press, Moscow, 1968.]  $\Phi$  Paper, \$3.00.  
L.C. card 74-607850
- 12829 F-597. Diffraction of electromagnetic waves on 2 bodies [with list of references]; by Ye. A. Ivanov. Apr. 1970. cover title, xiii+557 p. ll. 4° [Nauka i Tekhnika Press, Minsk, 1968.]  $\Phi$  Paper, \$3.00.  
L.C. card 72-607027
- 12830 F-618. Studies of aurorae and upper atmosphere by radiophysical methods [with list of references]; by Ye. A. Ponomarev and Ye. F. Vershinin. June 1970. cover title, viii+92 p. ll. 4° [IGY series no. 15, Nauka Press, Moscow, 1967.]  $\Phi$  Paper, \$3.00.  
L.C. card 71-608194
- 12831 F-621. Astrometry and astrophysics, no. 6, annular solar eclipse, May 20, 1966 [with lists of references]; A. A. Gorynya, editor-in-chief. June 1970. cover title, v+57 p. ll. 4° [Academy of Sciences of Ukrainian SSR, Main Astronomical Observatory, Naukova Dumka Press, Kiev, 1966.]  $\Phi$  Paper, \$3.00.  
L.C. card 74-608298
- 12832 "One small step . . . one giant leap." July 20, 1969, 1st anniversary July 20, 1970 [background material for correspondents and editors in anticipation of moon landing anniversary]. [1970.] [32] leaves, ill. 4° †  
NAS 1.2: On 2

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20204

- 12833 Air pollution report, Federal facilities: Chattanooga interstate air quality control region [with list of references and notes; by] Robert S. Russo. June 1970. [3]+11 p. ll. 4° † ● Item 483-E  
L.C. card 77-607264 HE 20.1310/2: C 39



GOVERNMENT PUBLICATIONS

- 12834 Air Pollution, Federal facilities: Metropolitan Baltimore intrastate, air quality control region [with list of references and notes; by] L. L. Nagle. Feb. 1970. [3]+27 p. il. 4° † ● Item 483-E  
L.C. card 77-607264 HE 20.1310/2: B 21
- 12835 — Metropolitan Detroit air quality control region [with list of references and notes; by] F. Joseph Feely III. Aug. 1968. [3]+30 p. il. 4° † Item 483-E  
L.C. card 77-607264 HE 20.1310/2: D 48
- 12836 — Metropolitan Pittsburgh intrastate air quality control region [with list of references and notes; by] L. L. Nagel. Feb. 1970. [3]+38 p. il. 4° † ● Item 483-E  
L.C. card 77-607264 HE 20.1310/2: P 68
- 12837 — Metropolitan Providence interstate air quality control region [with list of references and notes; by] Robert S. Russo. June 1970. [3]+24 p. il. 4° † ● Item 483-E  
L.C. card 77-607264 HE 20.1310/2: P 94
- 12838 — Phoenix-Tucson intrastate air quality control region [with list of references and notes; by] Gary D. Young. May 1970. [3]+41 p. il. 4° † Item 483-E  
L.C. card 77-607264 HE 20.1310/2: P 56
- 12839 — Puget Sound, intrastate air quality control region [with list of references and notes; by] Robert S. Russo. May 1970. [3]+24 p. il. 4° † ● Item 483-E  
L.C. card 77-607264 HE 20.1310/2: P 96

NATIONAL ARCHIVES AND RECORDS SERVICE, General Services Administration, Washington, DC 20408

General information leaflet.

- 12840 6. Genealogical sources outside National Archives. [1970.] 12 p. narrow 8° (70-8.) † ● Item 569 GS 4.22: 6

NATIONAL BUREAU OF STANDARDS, Commerce Dept.  
Gaithersburg, MD 20760

Monograph.

- 12841 114. Survey of micromanometers [with list of references]; by W. G. Brombacher. 1970. iii+59 p. 4° \* Paper, 60c. ● Item 247-A  
L.C. card 76-603901 C 13.44: 114
- Special publications. ● Item 247 C 13.10: (nos.)
- 12842 260, 5th ed. Catalog of standard reference materials. July 1970. vi+77 p. il. 4° (Office of Standard Reference Materials.) [Supersedes NBS Spec. publ. 260, 1969 edition.] \* Paper, 75c.  
L.C. card 64-62975
- 12843 300. Precision measurement and calibration, selected NBS papers [with bibliographies]; v. 6, Heat; Defoe C. Ginnings, editor. Feb. 1970. xii+373 p. il. 4° [Includes compilation of previously published papers by staff of National Bureau of Standards, including selected abstracts by NBS and non-NBS authors. Text on p. 3 of cover. Last page numbered 377 in error.] \* Cloth, \$5.00.  
L.C. card 68-60042
- 12844 327. Equilibrium critical phenomena in fluids and mixtures, comprehensive bibliography with key-word descriptors; [by] Stella Michaels, Melville S. Green, and Sigurd Y. Larsen. June 1970. iv+231+[2] p. 4° \* Cloth, \$4.00.  
L.C. card 70-606320

Technical notes. ● Item 249-A C 13.46: (nos.)

- 12845 498-1. Bibliographies on fabric flammability: pt. 4, Interior furnishings; by Sidney H. Greenfeld, Elizabeth R. Warner, and Hilda W. Reinhart. June 1970. vi+18 p. 4° \* Paper, 30c.  
L.C. card 79-606550
- 12846 508. Activation Analysis Section, summary of activities, July 1968-June 1969 [with bibliographies]; edited by Philip D. LaFleur. July 1970. xv+133 p. il. 4° \* Paper, \$1.25.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SEPTEMBER 1970

- 12847 521. Present state of classical theory of quantitative electron probe micro-analysis [with list of references; by] Kurt F. J. Heinrich. Aug. 1970. [1]+16 p. 4° \* Paper, 30c.

**NATIONAL CANCER INSTITUTE, Health, Education, and Welfare Dept.  
Bethesda, MD 20014**

- 12848 Partial bibliography on human cancer involving viruses, Jan. 1966-Dec. 1969; [prepared by Information Unit, Program Analysis and Communication Section, Viral Oncology Program, Etiology Area.] [1970.] cover title, 71 p. 4° † ● Item 507-G-3  
L.C. card 71-608072 HE 20.3165 : H 88/966-69

**NATIONAL CAPITAL PLANNING COMMISSION  
Washington, DC 20576**

- 12849 Alternative approaches to rebuilding seventh and 14th streets, NW., and H Street, NE. Aug. 28, 1968. [2]+54 p. il. oblong 8° [Prepared in cooperation with District of Columbia government.] \* Paper, 75c.  
L.C. card 79-600522 NC 2.2: R 24/2

**NATIONAL CENTER FOR HEALTH STATISTICS, Health, Education,  
and Welfare Dept., Washington, DC 20201**

- 12850 Health resources statistics, health manpower and health facilities, 1969. [1969 edition.] May 1970. vi+286 p. 4° ([Publication 1509.]) \* Paper, \$2.75. ● Item 509-B  
L.C. card 66-62580 HIE 20.2215: 969

**NATIONAL CENTER FOR SOCIAL STATISTICS, Health, Education,  
and Welfare Dept., Washington, DC 20201**

- 12851 Medicaid and other medical care financed from public assistance funds, fiscal year 1969; [prepared by Dorothy B. West]. [1969.] [13] p. il. 4° (NCSS report B-5 (FY69).) [Issued with perforations.] †  
HE 17.620: 969
- 12852 Public assistance: Vendor payments for medical care by type of service, fiscal year ended June 30, 1969. [1970.] [11] p. 4° (NCSS report B-2 (FY69).) [Issued with perforations.] †  
L.C. card 70-603030 HE 17.617: 969

**NATIONAL COMMUNICABLE DISEASE CENTER, Health, Education,  
and Welfare Dept., Atlanta, GA 30333**

- 12853 Foodborne outbreaks, annual summary 1969. [1970.] cover title, [2]+35 p. il. 4° [Page 35 of text appears on p. 3 of cover.] †  
L.C. card 70-608376 HE 20.2309/6: 969
- 12854 Isolation techniques for use in hospitals [with selected bibliography]. [1970.] viii+87 p. ([Public Health Service publication 2054.]) [Accompanied by 5 self-adhesive colored cards.] \* Paper, \$1.00. ● Item 505-A  
L.C. card 71-607966 HE 20.2308: Is 7

**NATIONAL EYE INSTITUTE, Health, Education, and Welfare Dept.  
Bethesda, MD 20014**

- 12855 Statistics for 1967 on blindness in Model Reporting Area [MRA]. [1970.] v+64 p. oblong 12° (Section on Blindness Statistics.) \* Paper, 65c.  
● Item 507-Y  
L.C. card 77-608541 HE 20.3759: 967

ΦFor Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES,  
Health, Education, and Welfare Dept., Bethesda, MD 20014

- 12856 Diabetes literature index, 1969 index issue; [editors Arnold Lazarow and others]. [1970.] cover title, [4]+1290 p. 4° [Issued in cooperation with American Diabetes Association Publications Committee. Prepared cooperatively with University of Minnesota, Case Western Reserve University and University of Rochester pursuant to contract PH 43-67-663.] \* Paper, \$9.50. ● Item 507-A-15 HE 20.3310/2: 969/ind.

NATIONAL INSTITUTE OF MENTAL HEALTH, Health, Education, and  
Welfare Dept., Chevy Chase, MD 20015

- 12857 Bibliography on epidemiology of mental disorders [1966-68]; compiled by Jack Zusman [and others]. [1970.] x+114 p. 4° (National Clearing-house for Mental Health Information [publication 5034].) \* Paper, \$1.25. ● Item 507-B-9 HE 20.2417: Ep 4  
L.C. card 70-608452

NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare  
Dept., Bethesda, MD 20014

- 12858 Clinical Center, current clinical studies and patient referral procedures. Revised June 1970. [1970.] iv+68 p. narrow 8° (Clinical Center, Bethesda, Md.) † ● Item 507-A-22 HE 20.3010: 970  
L.C. card 55-60833
- 12859 Guide to grant and award programs of National Institutes of Health. [Revised 1970.] [1970.] vi+36 p. [Public Health Service publication 1067]; (Division of Research Grants.) † ● Item 507-H HE 20.3008: G 76/970  
L.C. card 74-608456
- 12860 NIH publications list. July 1970. cover title, vii+37 p. ([Publications and Reports Branch, Office of Information, Office of Director.]) † ● Item 506-A HE 20.3009: 970-2
- 12861 Traineeships for registered nurses under Public health traineeship program, section 306, Public Health Service act. [Revised Apr. 1970.] [1970.] [6] p. il. narrow 8° ([Public Health Service publication 1269.]) † ● Item 507 HE 20.3002: N93

NATIONAL LABOR RELATIONS BOARD  
Washington, DC 20570

- 12862 Digest of decisions of National Labor Relations Board [v. 10], July 1, 1964-June 30, 1966, v. 147-159; [by Legal Research and Special Projects Branch]. [1970.] lviii+2099 p. \* Cloth, \$9.00. ● Item 826 LR 1.8/2: 10  
L.C. card 46-27613

NATIONAL PARK SERVICE, Interior Dept.  
Washington, DC 20242

- 12863 Check list of subjects, addition to Survey material deposited in Library of Congress since publication of HABS Supplement, Jan. 1959-Jan. 1963. [1963.] [1]+32 p. 4° (Historic American Buildings Survey; Division of Architecture.) [Issued with perforations.] † I 29.74: C 41
- 12864 Construction and military history of Fort Stanwix [with bibliography]; by John F. Luzader. 1969. [1]+v+169+8 leaves, 12 pl. 4° (Division of History, Office of Archeology and Historic Preservation.) † I 29.2: F 77s  
L.C. card 70-607979
- 12865 Construction history of Union Station, Washington, D.C. [with bibliography]; by George J. Olszewski. Feb. 1970. [1]+x+194+C24 p. 70 pl. 4° (Office of History and Historic Architecture, Eastern Service Center.) † I 29.2: Un 3  
L.C. card 72-608521

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available



SEPTEMBER 1970

- 12866 Davis Tavern site location study, Cumberland Gap National Historical Park, Ky.-Tenn.-Va. [with list of references]; by Ricardo Torres-Reyes. Dec. 2, 1969. [2]+iii+38 p. il. 4° (Division of History, Office of Archeology and Historic Preservation.) †  
L.C. card 79-608520 I 29.22: D 29
- 12867 District of Columbia catalog, list of measured drawings, photographs, and written documentation in Survey; edited by Nancy K. Reinke. 1968. [63] leaves, il. 4° (Historic American Buildings Survey; Office of Archeology and Historic Preservation.) †  
L.C. card 77-608517 I 29.74: D 63
- 12868 Farming and land uses, general study Minute Man National Historical Park, Concord, Mass. [with bibliography]; by Ricardo Torres-Reyes. July 25, 1969. [1]+ii+71 p. leaves, 4° (Division of History, Office of Archeology and Historic Preservation.) †  
L.C. card 74-608519 I 29.2: F 22
- 12869 Ground cover study, Fort Necessity National Battlefield, Pa. [with bibliography]; by Ricardo Torres-Reyes. Jan. 19, 1970 [2]+i+29 leaves 10 pl. and 4 maps 4° (Division of History, Office of Archeology and Historic Preservation.) †  
L.C. card 75-608538 I 29.2: F 77n
- 12870 Historic structures report, pts. 1 & 2: Blankenship Ranch, Organ Pipe Cactus National Monument, Ariz., Historical data section, by Roy E. Appleman; Architectural data section, by Russel Jones. June 18, 1969. [a]+64 leaves 59 pl. and 21 maps 4° (Office of Archeology and Historic Preservation.) †  
L.C. card 73-608540 I 29.2: B 61
- 12871 Isle Royale National Park, Mich. [Revised 1970.] [1970.] [2] p. il. oblong large 8° folded into narrow 24° size. † ● Item 651 I 29.6: Is 4/3/970
- 12872 Records of buildings in Charleston and South Carolina low country; compiled by Harley J. McKee. Philadelphia, 1965. [3]+26 p. 4° (Historic American Buildings Survey; Eastern Office, Design and Construction.) †  
L.C. card 70-608523 I 29.74: C 38
- 12873 Records of historic Maryland buildings. [1969.] [2]+1-2, 2b-35 p. il. 4° (Historic American Buildings Survey.) †  
L.C. card 76-608522 I 29.74: M 36
- 12874 Red Bluff Recreation Area, general recreation development plan; by Harry H. Sloat. May 1970. [5]+34 p. il. 4° [Illustrated by Paul D. Kalkwarf. Most pages printed as leaves.] †  
L.C. card 79-608539 I 29.2: R 24/5
- 12875 Thomas Pate House, and lot 42 in Yorktown, Colonial National Historical Park, Yorktown, Va.; by Charles E. Hatch, jr. Oct. 1969. [1]+iii+[1]+44 leaves il. 16 pl. 4° (Division of History, Office of Archeology and Historic Preservation.) †  
L.C. card 70-608518 I 29.2: P 27
- 12876 White House. [Revised 1970.] [1970.] [10] p. il. narrow 8° \* Paper, 10c. ● Item 650 I 29.21: W 58/4/970
- 12877 Yellowstone National Park, Wyo., Mont., [and] Idaho. [Revised 1970.] [1970.] [2] p. il. oblong large 8° folded into narrow 24° size. † ● Item 651 I 29.6: Y 3/23/970

NATIONAL SCIENCE FOUNDATION  
Washington, DC 20550

- 12878 Course and curriculum improvement projects: Mathematics, science, social sciences, [elementary, intermediate, secondary] curriculum studies, textbooks, laboratory guides, resource materials for teachers, supplementary materials for students, equipment development, films. [June 1970] vii+43 p. il. 4° (NSF 70-18.) \* Paper, 60c. ● Item 834-X  
L.C. card 74-608385 NS 1.24: 970

ΦFor Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 51

GOVERNMENT PUBLICATIONS

- 12879 Directory of Federal R & D installations, for year ending June 30, 1969, report to Federal Council for Science and Technology. [June 1970.] x+1044 p. 4° (Office of Economic and Manpower Studies; NSF 70-23.) [Errata, 1 p. oblong 24, issued also.] \* Paper, \$6.75. ● Item 834-C L.C. card 74-607546 NS 1.2: R 31/18
- 12880 Guide to programs. June 1970. cover title, viii+79 p. il. 4° (NSF 70-14.) [Text on p. 2 of cover.] \* Paper, 75c. ● Item 834-P NS 1.20: P 94/970

NATIONAL TRANSPORTATION SAFETY BOARD, Transportation Dept., Washington, DC 20590

- Aircraft accident report. (Bureau of Aviation Safety.) Φ Paper, \$12.00 a yr.; \$3.00 additional for foreign mailing; single copy \$3.00.
- 12881 Allegheny Airlines, Inc., Allison Prop Jet Convair 440, N5825 near Bradford, Pa., Jan. 6, 1969; adopted May 27, 1970. [1970.] [50] p. il. pl. 4° (SA-411; File 1-0001; Report no. NTSB-AAR-70-10.) TD 1.112: B 72/969
- 12882 Part 430, Rules pertaining to aircraft accidents, incidents, overdue aircraft, and safety investigations, investigation regulation, amended Oct. 11, 1969, effective Nov. 10, 1969. [1969.] 3 p. 4° \* Paper, 10c. TD 1.106/2: 969
- 12883 Publications of the National Transportation Safety Board, 1970. [1970.] [2]+11 p. † ● Item 982-I-1 TD 1.115: 970
- 12884 Remarks by Isabel A. Burgess, Member, National Transportation Safety Board before Road Gang, Aug. 6, 1970, Washington, D.C. 1970. [1]+9 p. 4° † TD 1.110: B 91/2

NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

- 12885 Aviation storekeeper 3 & 2 [with reading list; prepared by Navy Training Publications Center, Memphis, Tenn.]. [1970 edition.] [1970.] cover title, iv+332 p. il. 4° (Rate training manual; NAVPERS 10398-D.) ‡ L.C. card 64-61967 D 208.11: Av 5/16/970
- 12886 Engineering aid 3 & 2; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition 1963, revised 1970.] cover title, iv+617 p. il. pl. 4° (Rate training manual; NAVPERS 10634-B.) ‡ ● Item 404 L.C. card 70-608498 D 208.11: En 3/5/970
- 12887 Molder 3 & 2; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1970.] cover title, v+316 p. il. 4° (Rate training manual; NAVPERS 10584-C.) ‡ ● Item 404 L.C. card 65-60440 D 208.11: M 73/970

NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

- NRL reports. (Naval Research Laboratory.) D 210.8: (nos.)
- 12888 6980. Electrical noise in Gas diode lasers [with list of references; by] T. R. Royt. Oct. 30, 1969. cover title, vii+58 p. il. 4° Φ Paper, \$3.00 (AD 698281).
- 12889 6996. Effect of sea roughness on bandwidth of radar backscatter [with list of references; by] D. L. Hammond. Feb. 2, 1970. cover title, ii+10 p. il. 4° ([NRL problem G01-05, project A37538/652/69F48-551-702.]) Φ Paper, \$3.00 (AD 702395).
- 12890 7005. Study of sea return at normal and near-normal incidence [with list of references; by] O. D. Sledge and S. F. George. cover title, iii+20 p. il. 4° ([NRL problem R02-54, project RF 05-151-402-4010.]) Φ Paper, \$3.00 (AD 702735).
- 12891 7036. Influence of yield strength and fracture toughness on fatigue design procedures for structural steels [with list of references; by] T. W. Crooker and E. A. Lange, Feb. 19, 1970. cover title, ii+20 p. il. 4° ([NRL problem M01-25, project RR 007-01-46-5432.]) Φ Paper, \$3.00 (AD 702737).

\*For Sale by Superintendent of Documents  
 †Distribution Made by Issuing Office  
 ‡Official Use. Not Available

- 12892 7043. Piecewise ergodic problem for gas system [with list of references; by] Howard E. Conner. Feb. 25, 1970. cover title, 8 p. 4° (Mathematics Research Center report 70-3; [NRL problem 301-11; project RR 003-02-41-6153.])  $\Phi$  Paper, \$3.00 (AD 706002).
- 12893 7046. Fracture toughness of structural metals [with list of references; by] E. A. Lange. May 4, 1970. ii+26 p. il. 4° ([NRL Problem MO1-25, project RR 007-01-46-5432.])  $\Phi$  Paper, \$3.00 (AD 707338).
- 12894 7050. Simulated ocean radar impulse responses from lunar radar measurements; [by] A. Shapiro, B. S. Yaplee, and E. A. UHana, May 7, 1970. cover title, ii+20 p. il. 4° ([NRL problem G01-05, project A 37-538/F48-551-702.1])  $\Phi$  Paper, \$3.00 (AD 707072).
- 12895 7053. Characterization of TIG welds in 12-5-3 maraging steel plate with application of new sealing method for KIC plasticity corrections [with list of references; by] F. R. Stonesifer and H. L. Smith. Apr. 16, 1970. cover title, iii+24 p. il. 4° ([NRL problems F01-15 and F01-03; NASA contract W-11,763 and project RR 009-03-45-540.])  $\dagger$
- 12896 7055. Precipitation effects on Omega aircraft receivers [with list of references; by] R. L. Eisenberg. May 18, 1970. cover title, ii+26 p. il. 4° ([NRL problem R04-13, project XS 161-011-6161.])  $\Phi$  Paper, \$3.00 (AD 707710).
- 12897 7057. Electron-paramagnon interaction effects in nearly ferromagnetic metals [with list of references; by] A. I. Schindler. May 21, 1970. cover title, ii+24 p. il. 4° ([NRL problem M0 1-10, project RR 007-01-46-5403.])  $\Phi$  Paper, \$3.00 (AD 707712).
- 12898 7079. Detection and characterization of surface-active material in marine atmosphere [with list of references; by] W. R. Barger and W. D. Garrett. May 26, 1970. cover title, ii+12 p. il. 4° ([NRL problem G02-03, project RR 104-03-41-5052.])  $\Phi$  Paper, \$3.00 (AD 707713).

PATENT OFFICE, Commerce Dept.  
Washington, DC 20231

- 12899 Manual of classification [replacement pages]; July 1970. [1970.] [70] p. 4° [Includes list of replacement pages. Issued in looseleaf form.] \* Paper, \$14.00 (including basic manual, index and supplementary material for an indefinite period); \$3.50 additional for foreign mailing.  $\bullet$  Item 258  
C 21.12: 969/rev.pages-3

POST OFFICE DEPARTMENT  
Washington, DC 20260

[Commemorative stamp posters.]

NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.

- 12900 6-cent American flag postage stamp, printed on 9-color Huck press, on sale at Washington, D.C. Aug. 7, 1970. 10.5 x 8 in. P 1.26/2: F 59/4/970
- 12901 6-cent Dwight D. Eisenhower stamp in sheet, coil and booklet form will be first placed on sale at Washington, D.C. on Aug. 6, 1970. 10.5 x 8 in.  
P 1.26/2: E1 8/2
- 12902 Remarks by Postmaster General Winton M. Blount, Post Office Dedication, Columbus, Ind., July 19, 1970. 1970. 6 leaves, 4° (Information Service.)  $\dagger$   
P 1.27: B 62/6

PRESIDENT OF UNITED STATES  
Washington, DC 20501

- 12903 Manpower and mental retardation, exploration of issues, proceedings on Banff International Conference, Banff, Alberta, Canada, June 23-25, 1969 [with bibliographies]; edited by Julius S. Cohen. [1970.] vii+96 p. 4° [Conference sponsored by National Institute of Child Health and Human Development, President's Committee on Mental Retardation, and Canadian Association for the Mentally Retarded.]  $\dagger$  President's Committee on Mental Retardation, Washington, DC 20201.  $\bullet$  Item 851-J  
L.C. card 71-608206 Pr 36.8: M 52/M 31
- 12904 Mobilizing to use the seas, report of President's Task Force on Oceanography. June 1970. iv+12 p. \* Paper, 15c.  $\bullet$  Item 851-J  
L.C. card 70-608495 Pr 37.8: Oc 2/R 29

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
 $\bullet$ Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

- 12905 Toward balanced growth, quantity with quality, report of National Goals Research Staff. July 4, 1970. v+228 p. il. [Accompanied by insert, 1 p. oblong 48°, explaining blank pages 16-18.] \* Paper, \$1.50. ● Item 851-J  
L.C. card 78-608272 Pr 37.8: N 21 g/R 29/970
- 12906 White House Fellows. [1970.] cover title, vi+26 p. il. oblong 12° ([President's Commission on White House Fellows.]) [Seal of President of United States on p.i.] † Director, Commission on White House Fellows, The White House, Washington, DC 20500 ● Item 851-J  
Pr. 36.8: W 58/F 33/970-71

PUBLIC DOCUMENTS DIVISION, Government Printing Office  
Washington, DC 20402

[Price list] PL (series).

- 12907 38. Animal industry, farm animals, poultry, and dairying; July 1970. 62d edition. [1970.] [2]+10 p. † ● Item 554  
L.C. card 26-26332 GP 3.9: 38/62

PUBLIC ROADS BUREAU, Transportation Dept.  
Washington, DC 20591

- 12908 Quality assurance in highway construction [with bibliographies; by Office of Research and Development]. [1970] cover title, 44 p. il. 4° (Research & Development report.) [Reprinted from Public roads, journal of highway research, v. 35, no. 6-11, Feb.-Dec. 1969. Text on p. 2 of cover.] \* Paper, 50c. TD 2.109/a: H 53

RECLAMATION BUREAU, Interior Dept.  
Washington, DC 20240

- 12909 Answering your questions about reclamation. [1970.] [16] p. il. 12° † ● Item 660 I 27.2: R 24/17/970
- Research report. (Water resources technical publication.)
- 12910 23. Fly ash increases resistance of concrete to sulfate attack; by J. T. Dikeou. [1970] v+17 p. il. 4° \* Paper, 35c. ● Item 664-B I 27.54: 23

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept.  
Washington, DC 20250

- 12911 Electric system construction contract (labor and material). [1970.] iv+74 p. 4° ([REA form 830.]) [Issued with perforations.] \* Paper, 75c. A 68.2: C 76/9/970

ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION,  
Transportation Dept., Massena, NY 13652

- 12912 Traffic report of St. Lawrence Seaway, 1969; prepared by St. Lawrence Seaway Authority. [1970.] cover title, ix+69 p. il. 4° [Crown copyrights reserved.] † Paper, 75c. (TS2-2/1969), Queen's Printer, Ottawa, Canada. L.C. card 62-61422 TD 6.9: 969

SMALL BUSINESS ADMINISTRATION  
Washington, DC 20416

- 12913 SBA 1969 annual report. [June 1970.] cover title, vii+212 p. il. 4° ([OPI-21; Office of Information.]) [Map on p. 3 of cover.] \* Paper, \$2.00. ● Item 901-A SBA 1.1: 969
- Small business management series.
- 12914 20. Ratio analysis for small business; by Richard Sanzo. [1957] 3d edition, 1970. v.+65 p. ([Procurement and Management Assistance.]) [Includes list of publications for further study.] \* Paper, 35c. ● Item 901-C L.C. card 77-608296 SBA 1.12: 20/3

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

SMITHSONIAN INSTITUTION  
Washington, DC 20560

- Smithsonian contributions to zoology. ● Item 910-D SI 1.27:(nos.)
- 12915 53. Revision of some species referred to *Leanira* Kinberg (Polychaeta: Sigallonidae) [with list of literature cited; by] Marlan H. Pettibone. 1970. [2] † 25 p. il. 4° \* Paper, 40c.  
L.C. card 79-608476
- 12916 64. Zorocallida, new order, and *Doraster* constellatus, new genus and species, with notes on Zoroasteridae (Echinodermata: Asteroidea) [with list of references; by] Maureen E. Downey. 1970. [2]+18 p. il. 4° \* Paper, 30c.  
L.C. card 77-608454
- 12917 Trade goods, study of Indian chintz in collection of Cooper-Hewitt Museum of Decorative Arts and Design, Smithsonian Institution [with bibliography; by] Alice Baldwin Beer. 1970. 133+[1] p. il. 4° [Illustrated lining papers. Contains copyright material.] \* Paper, \$3.00.  
L.C. card 70-125588 SI 1.2: T 67/2

SOCIAL AND REHABILITATION SERVICE, Health, Education, and  
Welfare Dept., Washington, DC 20201

- 12918 Youth involvement [with bibliography; by] J. Robert Weber, Carson Custer. 1970. v+30 p. (SRS-OJD-133; Youth Development for Delinquency Prevention Administration.) \* Paper, 25c. ● Item 512-A-1  
L.C. card 75-608388 HE 17.802: In 8

SOCIAL SECURITY ADMINISTRATION, Health, Education, and  
Welfare Dept., Washington, DC 20201

- Actuarial notes. † HE 3.19/2:(nos.)
- 12919 66. Illustrative total monthly family benefits under 1969 amendments; by Jane M. Ceccarelli. Jan. 1970. [2] p. narrow 7°, folded into 4° size.
- 12920 67. Maximum benefits under social security amendments of 1969; by Jane M. Ceccarelli. Feb. 1970. [6] p. 4°
- Research and statistics note, 1970 (series). (Office of Research and Statistics.) † HE 3.28/2: 970/(nos.)
- 12921 9. Notes on early retirement, program and certain personal factors; by Lenore E. Bixby. June 30, 1970. 9 p. il. 4°
- 12922 10. Federal grants to State and local governments, 1968-69; by Sophie R. Dales and Alice W. Skinner. July 14, 1970. 2+[1] p. 4°
- 12923 Social security bulletin, annual statistical supplement, 1968. [1970.] cover title, 136 p. 4° [Text on p. 2 of cover.] \* Paper, \$1.25. ● Item 523  
L.C. card 40-29327 HE 3.3/3: 968
- SSI (series). HE 3.52:(nos.)
- 12924 43. Brief explanation of medicare health insurance for people 65 and over [July 1970.] 14 p. narrow 12° \* Paper, \$5.00 per 100; single copy 10c.  
● Item 523-B
- 12925 50b. Your medicare handbook: Medical insurance under social security, medical insurance (pt. B). Apr. 1970. 23 p. 4° † ● Item 523-B

SOIL CONSERVATION SERVICE, Agriculture Dept.  
Washington, DC 20250

- 12926 Management and uses of quaking aspen. [Palmer, Alaska, Jan. 1970.] 3 p. 4° † A 57.2: As 6
- 12927 Soil survey: McCreary-Whitley area, Ky. [with list of literature cited; by James G. Byrne and others]. June 1970. cover title, i+83 p.+[1] leaf, il. 91 p. of pl. and maps 4° [Prepared in cooperation with Kentucky Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$5.25. ● Item 102 (Rev. 1957)  
L.C. card 79-608259 A 57.38: M 13

GOVERNMENT PUBLICATIONS

- 12928 — Wells County, N. Dak. [with list of literature cited; by J. B. Seago and others]. June 1970. cover title, i+84 p. il. 114 p. of pl. and maps, 4° [Prepared in cooperation with North Dakota Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$6.50.  
 ● Item 102 (Rev. 1957)  
 L.C. card 70-608455 A 57.38: W 46

- 12929 Ways to attract purple martin. [1970.] 1 p. 4° † A 57.2: M 36/2

SOLID WASTE MANAGEMENT BUREAU, Health, Education, and Welfare Dept., Rockville, MD 20852

- 12930 Accounting system for sanitary landfill operations; by Eric R. Zausner. 1969 [published 1970]. [2]+18 p. il. 4° ([Public Health Service publication 2007]; report SW-15ts.) \* Paper, 35c. ● Item 487-A-1  
 L.C. card 70-604125 HE 20.1402: L 23

SPORT FISHERIES AND WILDLIFE BUREAU, Interior Dept. Washington, DC 20240

- [Refuge leaflets.] † I 49.44: (nos.)  
 12931 87. Mark Twain National Wildlife Refuge, Iowa, Illinois, Missouri. [May 1970.] [2] p. il. oblong fo, folded into narrow 8° size.  
 12932 118. Birds of Seney National Wildlife Refuge. [Apr. 1970.] [6] p. il. narrow 12°  
 12933 143. Birds of Malheur National Wildlife Refuge. 1970.] 8 p. il. narrow 8°

Resource publication.

- 12934 87. Review of problem of birds contaminated by oil and their rehabilitation [with list of references]; by John D. Aldrich. May 1970. iv+23 p. il. 4° \* Paper, 35c. ● Item 613-B I 49.66: 87

STATE DEPARTMENT Washington, DC 20520

- 12935 Cambodian, basic course, v. 2, units 46-90; by Someth Suos with assistance of George Beasley [and others]. 1970. iii+363 p. 4° (Foreign Service Institute.) [Basic course series, edited by Augustus A. Koski. Compiled and published with support of Office of Education, Department of Health, Education, and Welfare.] \* Paper, \$3.25. ● Item 872-A  
 L.C. card 66-62373 S 1.114/2: C 14/v.2

- 12936 Cantonese, basic course; [by] Elizabeth Latimore Boyle with assistance of Pauline Ng Delbridge and others. 1970. (Foreign Service Institute.) [Basic course series edited by Augustus A. Koski.] ● Item 872-A  
 L.C. card 76-608269 S 1.114/2: C 16/v. (nos.)  
 v. 1. xvi+392 p. 4° [Includes lessons 1-15. \* Paper, \$3.50.  
 v. 2. iii+410 p. 4° [Includes lessons 16-30.] \* Paper, \$3.50.

International organization series.

- 12937 6. United Nations. [Mar. 1970.] 12 p. il. 4° ([Publication 8478; Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] \* Paper, 10c. ● Item 882-C S 1.70/5: 6

- 12938 Lao, basic course, v. 1; by Warren G. Yates and Souksomboun Sayasithsena. 1970. xxiv+423 p. 4° (Foreign Service Institute.) [Basic course series, edited by Augustus A. Koski. Includes cycles 1-85. Compiled and published with support of Office of Education, Department of Health, Education, and Welfare Department.] \* Paper, \$4.00. ● Item 872-A  
 L.C. card 72-608268 S 1.114/2: L 78/v.1

Treaties and other international acts series. \* Paper, \$15.00 a yr. (approximately 150 issues), \$7.00 additional for foreign mailing; single copies vary in price. (Issues of \$1.00 or more are not furnished as part of the subscription.) ● Item 899 S 9.10: (nos.)

- 12939 6S63. Agricultural commodities, agreement between United States and Dominican Republic, signed Santo Domingo Mar. 31, 1970; [entered into force Mar. 31, 1970]. [1970.] [2]+21 p. [English and Spanish.] \* Paper, 15c  
 L.C. card 77-607867

\*For Sale by Superintendent of Documents  
 †Distribution Made by Issuing Office  
 ‡Official Use. Not Available



SEPTEMBER 1970

- 12940 6869. Investment guaranties, agreement between United States and Viet-Nam, modifying agreement of Nov. 5, 1967, as amended, effected by exchange of notes dated Saigon Dec. 16, 1969, and Feb. 12, 1970; [entered into force Feb. 12, 1970]. [1970.] [2]+2 p. \* Paper, 10c  
L.C. card 76-608451
- 12941 6871. Agricultural commodities, agreement between United States and Israel, signed Washington May 7, 1970; [entered into force May 7, 1970]. [1970.] [2]+4 p. \* Paper, 10c.  
L.C. card 79-608224
- 12942 6872. Embassy sites, agreement between United States and Union of Soviet Socialist Republics, extending certain deadlines specified in agreement of May 16, 1969, effected by exchange of notes dated Moscow Apr. 13 and 23, 1970; [entered into force Apr. 23, 1970; effective Feb. 10, 1970]. [1970.] [2]+3 p. [English and Russian.] \* Paper, 10c.  
L.C. card 76-608226
- 12943 United States treaties and other international agreements: v. 20, pt. 1, 1969. [1970.] viii+1394+v p. large 8° [Includes Treaties and other international acts series 6625-6707. Text in English and other languages.] \* Cloth, \$13.35. ● Item 899-A  
L.C. card 53-60242 S 9.12: 20/pt.1

STATISTICAL REPORTING SERVICE, Agriculture Dept.  
Washington, DC 20250

- 12944 Production of manufactured dairy products, 1969. July 1970. 60 p. 4° (Data 2-1 (70); Crop Reporting Board.) † ● Item 24-F  
L.C. card 48-47164 A 92.10/5: 969
- 12945 Wool and mohair production, price and value, 1969. Apr. 14, 1970, 4 p. 4° (MtAn 5-3 (4-70); Crop Reporting Board.) † A 92.29/5: 969

TARIFF COMMISSION  
Washington, DC 20436

- 12946 Piano actions: production and maintenance workers of Rockford Plant of Wood & Brooks Co., report to President on investigation no. TEA-W-22 under sec. 301(c)(2) of Trade Expansion Act of 1962. July 1970. [3] +7+A15 p. 4° (TC publication.) † TC 1.2: P 57/2
- 12947 Supplement 3 to Tariff schedules of United States annotated (1970); [Aug. 1, 1970.] [1970.] [22] p. 4° (TC publication 304.) [Issued in looseleaf form.] \* Paper, \$8.00 (including supplementary service for an indefinite period); \$2.00 additional for foreign mailing. ● Item 982-B  
L.C. card 76-605090 TC 1.35/2: 970/supp. 3

TRAINING AND EMPLOYMENT SERVICE, Labor Dept.  
Washington, DC 20210

- 12948 Industrial services handbook [with selected bibliography; prepared by Ralph Cowart and Thomas Flanagan]. Reprint Apr. 1970. [248] p. il. 4° [Issued with perforations.] † L 34.8: In 2/rep.

TRANSPORTATION DEPARTMENT  
Washington, DC 20590

Automobile insurance and compensation study.

- 12949 Causation, culpability and deterrence in highway crashes [with lists of references]; by David Klein [and] Julian A. Waller. July 1970. v+218 p. \* Paper, \$1.00. ● Item 982-C-1  
L.C. card 71-608273 TD 1.17: H 53

TREASURY DEPARTMENT  
Washington, DC 20220

Department circular, public debt series.

- 12950 2-70. 8½ percent treasury notes of series B-1973, dated and bearing interest from Feb. 15, 1970, due Aug. 15, 1973. Jan. 29, 1970. 2 p. 4° † ● Item 924 T 1.4/3: 2-70

☛For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

VETERANS ADMINISTRATION  
Washington, DC 20420

[Information bulletin] IB (series).

- 12951 11-11. Chaplain service in Veterans Administration hospitals. [1970.]  
cover title, 8 p. il. † ● Item 986-A VA 1.22: 11-11

VETERANS REEMPLOYMENT RIGHTS OFFICE, Labor Dept.  
Washington, DC 20210

- 12952 Facts about veterans' job rights. [1970.] [6] p. narrow 8° † ● Item 773  
L 25.2: J 57/4/970

WOMEN'S BUREAU, Labor Dept.  
Washington, DC 20210

Leaflet.

- 12953 52. Why not be an apprentice? and become a skilled craftsman. 1970]. [10] p. il.  
narrow 8° \*Paper, 10c. ● Item 783 L 13.11: 52
- 12954 Women private household workers fact sheet. [May 1970.] 6 p. 4° (IWB  
70-110.] † L 13.2: H 81/10/970

# Index

MONTHLY CATALOG SEPTEMBER 1970

NOTE.—Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.

## A

- Ability, industrial services handbook, 12948  
Ablation, performance of charring ablators during atmospheric entry, simulation in ground-test facilities, 12788  
Ablators, ablation performance of charring ablators, during atmospheric entry, stimulation in ground-test facilities, 12788  
Absorbers, resonance, spatial capture distributions in estimation, 12783  
Abutan, Josefina P., *see* Fuliar, Josefina P. A.  
Academy of Sciences, Ukrainian SSR, Lenin Centennial, statements by Ukrainian Academicians, 12648  
Accidents, preventing office accidents, occupational safety aid, 12658  
*see also* Aircraft accidents—Spacecraft accidents.  
Accountants, employment outlook, 12664  
Accounting, *see* Accounts and accounting.  
Accounts and accounting:  
    accounting improvements, need at National Bureau of Standards, inequitable charges for calibration services, GAO report, 12576  
    accounting system for sanitary landfill operations, 12930  
Acoustics, *see* Noise—Sound.  
Acreage allotments, *see* names of products.  
Activation Analysis Section, summary of activities, 12846  
Actors, employment outlook, 12687  
Actresses, employment outlook, 12687  
Actuarial notes, 12919-920  
Additives, antiwear and extreme-pressure additives in synthetic paraffinic lubricant on ball spinning torque, effects, 12797  
Addresses, lectures, etc.:  
    by—  
        Allen, James E., jr., 12500, 12507  
        Bentley, Helen D., 12526  
        Blount, Winton M., 12902  
        Brimmer, Andrew F., 12530-531  
        Browne, Secor D., 12042  
        Burgess, Isabel A., 12884  
        Burns, Arthur F., 12532  
        Gibson, A. E., 12728  
        Hodgson, James D., 12657  
        Malsel, Sherman J., 12533  
        Rumfeld, Donald, 12491  
    FMC SP series, 12526  
    MA SP series, 12728  
    public speeches of former President Dwight D. Eisenhower, 12161  
    print as House document, report, 12194  
Administration, *see* Administrative management.  
Administrative management:  
    Coast Guard auxiliary administrative handbook, 12053  
    opportunities for improvement in management of Government materials provided to overseas contractors, GAO report, 12580  
    personnel management series, 12051  
Administrative management—Continued  
    role of management and control systems, USSR study, 12651  
    small business management series, 12914  
Administrators, manpower, MDTA facts about good training, good jobs, 12501  
Adult, Vocational, and Technical Education Bureau, facts about, 12499  
Advertising:  
    almond advertising under Federal marketing orders, report, 12227  
    workers, employment outlook, 12665  
*see also* subjects.  
Aerodynamics, coupled roll-spiral mode effects on lateral-directional handling qualities, simulator study, 12769  
*see also* Load (mechanics)—Spacecraft.  
Aeronautics:  
    Federal aviation act of 1958, amend—  
        hearing, 12273  
        report, 12200  
    pilots and mechanics in civil aviation, 1967-77, study of manpower requirements, 12707  
    plane sense, general aviation information, 12517  
Aerosols, revaccination of experimental animals, USSR study, 12640  
Aged:  
    health insurance, people 65 or older, brief explanation of medicare, 12924  
    legal problems affecting older Americans, working paper, 12357  
*see also* Aging.  
Aging:  
    economics of aging, toward a full share in abundance, international aspects, hearings, 12356  
    international perspectives, aspects of aging, hearings, 12356  
Aging, Special Committee on, Senate:  
    committee print, 12357  
    hearings, 12356  
Agricultural adjustment act, *see* Agriculture.  
Agricultural commodities, *see* Agricultural products.  
Agricultural insurance, economic considerations in crop insurance, 12493  
Agricultural marketing agreement act, *see* Agricultural products.  
Agricultural products:  
    agricultural commodities, agreement with—  
        Dominican Republic, 12939  
        Israel, 12941  
    agricultural commodities imported, economic poison standards, report, 12253  
Agricultural marketing agreement act of 1957—  
    amend, reports, 12225, 12227, 12247  
    extend, report, 12225  
    marketing bulletins, 11953  
    production research under marketing agreement and order programs, authorize, law, 12118



## INDEX

- Agricultural products—Continued**  
 USDA grades help you choose (posters), 12391
- Agricultural Stabilization and Conservation Service, annual report, Pender-New Hanover Counties, N.C., 11945**
- Agriculture:**  
 Agricultural adjustment act of 1938, amend—  
   law, 12112  
   report, 12223  
 agriculture handbook, 11946  
 agriculture information bulletin, 11947  
 foreign agricultural economic reports, 12495-496  
 Minute Man National Historical Park, Mass., farming and land uses, general study, 12868
- Agriculture Committee, House:**  
 hearing, 12257  
 reports, 12209, 12223-227, 12247, 12253, 12255
- Agriculture Department:**  
 appropriations, 1971, reports, 12342, 12254  
 food donation programs, 11954  
 institutional meat purchase specifications approved, fresh lamb and mutton, 12386  
 lamb, USDA yield grades, 11953  
 marketing bulletins, 11953  
 PA [program aid] series, 11954-959  
 statistical series, how constructed and used, 11946  
 USDA grades help you choose agricultural products (posters), 12391
- Agua Tibia Primitive Area, Calif., mineral resources, 12588**
- AIB series, 11947**
- Air Force:**  
 challenge for the bold in Air Force, 11961  
 educational opportunities, 11962
- Air Force Department, opportunities for improvement in management of Government materials provided to overseas contractors, GAO report, 12580**
- Air Force Reserve, your opportunities and rewards, 11963**
- Air freight forwarders, see Freight forwarders.**
- Air inlets (aircraft):**  
 digital simulation of XB-70 inlet and its application to flight experienced free-stream disturbances at Mach numbers 2.4-2.6, investigation, 12798
- Air lock, see Airlock.**
- Air National Guard, see National Guard.**
- Air pilots, see Aviators.**
- Air piracy, seeking solutions to international hijacking problem (remarks), 12042**
- Air pollution:**  
 abatement by Federal facilities, report by Secretary of Health, Education and Welfare Dept., print as Senate document, report, 12353  
 air quality control region, Federal facilities—  
   Baltimore, Md., 12834  
   Chattanooga, Tenn., 12833  
   Detroit, Mich., 12835  
   Phoenix-Tucson, Ariz., 12838  
   Pittsburgh, Pa., 12836  
   Providence, R.I., 12837  
   Puget Sound, 12839
- Air quality improvement act, hearings, 12380**
- Clean air act—**  
 amend—  
   hearings, 12380  
   report, 12188  
 amend and extend—  
   law, 12139  
   report, 12327  
 control, hearings, 12380  
 national emission standards study, HEW report, print as Senate document, report, 12319
- Air pollution—Continued**  
 prevention and control, amend act, report, 12188
- Air safety, see Safety of life.**
- Air speed, minimum flying speed for large, subsonic jet transport flight comparison of several techniques for determining, 12793**
- Air traffic:**  
 control, special military operations handbook, change, 11965  
 enroute IFR air traffic survey, peak day, 12515
- Air transportation, see Transportation.**
- Aircraft:**  
 attitude instrument flying, 11973  
 large, subsonic jet transport, flight comparison of several techniques for determining minimum flying speed, 12793  
 military procurement appropriations, 1971, authorization, report, 12352  
 nuclear aircraft reactor, parametric study of frangible-tube energy-absorption system for its protection, 12781  
 Omega aircraft receivers, precipitation effects, 12896  
 pilot scanning and control behavior during simulated instrument approaches, measurement and analysis, 12759  
 shooting animals from aircraft, prohibit, provide Federal criminal penalty, hearing, 12280  
 supersonic transport operations, information requirements, 12764  
 XB-70 inlet and its application to flight-experienced free-stream disturbances at Mach numbers of 2.4-2.6, investigation, 12798  
 see also Sonic boom—also names of aircraft parts.
- Aircraft accidents:**  
 reports, 12881  
 rules of National Transportation Safety Board, investigations, etc., 12882
- Airlock, simulated lightweight spacecraft air lock, vacuum leakage tests, 12808**
- Airmen, see Aviators.**
- Airplanes:**  
 light, normal load factor just prior to ground contact, statistical study, 12787  
 plane sense, general aviation information, 12517  
 twin-engine, effect of yaw-rate damper on flying qualities, evaluation, 12817  
 see also Stability of aircraft.
- Airstream, Mach 2 airstream, sonic and supersonic jet penetration from flat plate into, optical study, 12778**
- Alabama:**  
 census of business, 1967, retail trade, merchandise line sales, 11986  
 coastal area, fishery products, wholesale dealers, list, 12081  
 county business patterns, 12017  
 pollution of interstate waters of Escambia River basin, conference proceedings, 12538  
 sand and gravel operations, recovery of heavy minerals, 12749
- Alamance County, N.C., community profile, 12401**
- Alaska:**  
 census of business, retail trade, merchandise line sales, 11987  
 giant Alaskan prawn, experimental trawling and pot fishing, 12067  
 management and uses of quaking Aspen, 12926  
 Omnibus act, amend, report, 12230  
 reconstruction grants, report, 12230
- Albacore, see Tuna fish.**
- Alcohol:**  
 Alcohol abuse and alcoholism prevention, treatment, and rehabilitation act of 1970, hearings, 12372

- Alcohol—Continued**  
 blood concentrations as affected by combinations of alcoholic beverage dosages and altitudes, 11981  
 Alcoholic beverages, *see* Liquors.  
**Alcoholism**, Alcohol abuse and alcoholism prevention, treatment, and rehabilitation act of 1970, hearings, 12372  
**Aldrich**, John W., problem of birds contaminated by oil and their rehabilitation, 12934  
**Alexander County, N.C.**, community profile, 12402  
**Algebra**, linear, homogeneous systems, conservation laws determined by using Lie groups, 12779  
**Alliens**:  
 admission of certain alliens on giving bond or cash deposit, amend act—  
     law, 12136  
     report, 12329  
**Allen**, Fernando M., relief, 12169  
**Allen**, Harold B., technology's role in seafood industry, 12066  
**Alleghany County, N.C.**, community profile, 12403  
**Allegheny Airlines, Inc.**, accident report, 12881  
**Allen**, James E., jr.:  
     addresses—  
         Mar. 24, 1970, 12500  
         Apr. 14, 1970, 12507  
**Allen County, Ohio**, community profile, 12404  
**Allotments**, *see* subjects.  
**Allowances**, *see* Pay, allowances, etc.  
**Alloys**, tantalum-8 tungsten-2 hafnium, survey of properties, 12810  
*see also* names of metals, etc.  
**Almonds**, marketing orders to include paid advertising, report, 12227  
**Alouette satellite**, *see* Satellites.  
**Alternators**, *see* Electric generators.  
**Altitudes**, blood alcohol concentrations as affected by combinations of alcoholic beverage dosages, 11981  
**Aluminum**:  
     fatigue-crack growth under simple variable-amplitude loading, investigation, 12775  
     industry, employment outlook, 12705  
     minerals yearbook chapter, 12738  
**AM series**, 11976-981  
**American Apollo (S.S.)**:  
     launching (remarks), 12728  
**American Indians**, *see* Indians.  
**American Revolution Bicentennial Commission**, appropriations, 1971, report, 12254  
**American Samoa**, banks, eligible for Federal deposit insurance, report, 12347  
**Amides**, polyimides from diaminoanthraquinones and pyromellitic dianhydride, 12800  
**Amortization**, *see* Mortgages.  
**Anahelm, Calif.**, area wage survey, 12703  
**Analysis**, *see* names of subjects analyzed.  
**Anderson**, John L., PERTAN, transport-perturbation program, 12823  
**Anderson**, Lillian I., land conveyance, amend law, 12093  
**Anderson**, Neil A., eastern gall rust, 12548  
**Animal industry**, *see* Livestock.  
**Animal products**, growth in world demand for feed grains related to meat and livestock products, 12496  
**Animals**, experimental, aerosol revaccination, USSR study, 12640  
**Annuitites**, Railroad retirement act of 1937, annuitites, increase, report, 12330  
**Anson County, N.C.**, community profile, 12405  
**Antennas**, parabolic, high efficiency for space communications and radio astronomy, USSR study, 12855  
**Anthropologists**, employment outlook, 12689  
**Anti-friction bearings**, *see* Bearings (machinery).  
**Antioxidants**, radioprotective action of antioxidants obtained from petroleum products, USSR study, 12627  
**Antitrust laws**, *see* Trusts (industrial).  
**APC tablets**, qualitative analysis, FDA's science project series, 12543  
**Apollo Project**, *see* Project Apollo (man-in-space program).  
**Apollo 13 Review Board**, report, 12282  
**Apostle Islands National Lakeshore**, establish, report, 12240  
**Apparel**, *see* Clothing.  
**Apple cider**, *see* Cider.  
**Appelman**, Roy E., historic structures report, Blankenship Ranch, Organ Pipe Cactus National Monument, 12870  
**Apples**:  
     marketing orders to include paid advertising, report, 12225  
     produced in Colorado, Utah, New Mexico, Illinois, and Ohio, marketing order authority, extend, report, 12223  
**Apprentices**:  
     building and construction trades, apprenticeship schedules, 11967-968  
     electrical and electronic trades, apprenticeship schedules, 11966  
     skilled trade, train through apprenticeship, 11969  
     why not be an apprentice? and become a skilled craftsman, 12953  
**Apprenticeships**, *see* Apprentices.  
**Appropriations**:  
     general Government matters, 1971, continue—  
         law, 12120  
         report, 12208  
     legislative, 1971, report, 12351  
     supplemental, 1970—  
         law, 12128  
         report, 12215  
     *see also* subjects, or names of departments, etc., for which appropriations are made.  
**Appropriations Committee, House**:  
     hearings, 12258-259  
     reports, 12207-208  
**Appropriations Committee, Senate**, reports, 12328, 12342, 12351  
**Aqueous solutions**, *see* names of substances in solutions, e.g. Salt.  
**Arbitration**, negotiation impasse, grievance, and arbitration in Federal agreements, 12715  
**Arches National Park**, establish, report, 12345  
**Architect of Capitol**:  
     appropriations, 1971, legislative, report, 12351  
     transfer to Librarian of Congress authority to purchase office equipment and furniture for Library of Congress, law, 12108  
**Architects**:  
     employment outlook, 12680  
     nuclear defense design, professional development courses, 12044  
**Architecture**, contracting for construction and architect-engineering services for Atomic Energy Commission, 11975  
**Area measurement reports**, 11985  
**Area wage survey**, *see* Wages.  
**Arizona**, census of business, retail trade, merchandise line sales, 11988  
**Arkansas**:  
     census of business, retail trade, merchandise line sales, 11989  
     county business patterns, 12018  
     small watershed projects, program, hearing, 12382  
**Armed Forces**:  
     appropriations, 1971, military procurement, authorization, report, 12352  
     crossroads for man in uniform, 11972

# INDEX

- Armed Forces—Continued**  
 health benefit programs, subcommittee report, 12263  
 medically trained servicemen, where do you go from here? Operation MEDHIC, 12595  
 members voluntarily extending tour of duty in hostile fire area, special 30-day period of leave, extend authorization, law, 12126  
 military mail from Okinawa to points in southeast Asia, reductions achieved in cost of transporting, GAO report, 12586  
 Armed Forces Industrial College, *see* Industrial College of Armed Forces.  
 Armed services, *see* Armed Forces.  
 Armed Services Committee, House: committee print, 12260  
 hearings, 1226-262, 12264-265  
 subcommittee report, 12263  
 Armed Services Committee, Senate, report, 12352  
 Armed services papers, 12261-265  
 Army Department:  
 appropriations, 1971, civil functions, report, 12207  
 opportunities for improvement in management of Government materials provided to overseas contractors, GAO report, 12580  
 pamphlets, 11971-972  
 technical manuals, 11973  
 Army Nurse Corps, *see* Nurse Corps, Army.  
 Arrest, preventive detention, hearings, 12371  
 Art, fine arts, Library of Congress classification, 12723  
 Artificial Organs and Transplantation, National Commission on, *see* National Commission on Transplantation and Artificial Organs.  
 Artillery, *see* Gunnery.  
 Arts and crafts, trades and crafts equipment operation and repair, examination announcement, amendment, 12047  
 Asbestos, chrysotile, disposal on national and supplemental stockpile law, 12152  
 Ashe County, N.C., community profile, 12406  
 Ashland County, Ohio, community profile, 12407  
 Ashtabula County, Ohio, community profile, 12408  
 Asia:  
 southeast—  
 select committee of House to study, authorize, report, 12186  
 transporting military mail from Okinawa to points in Southeast Asia, reductions achieved in cost, Defense Department, GAO report, 12586  
 United States involvement, report, 12230  
 United States trade, Communist areas, 12059  
 Asian Development Bank, United States participation, increase, hearing, 12364  
 Aspen:  
 quaking aspen—  
 management and uses in Alaska, 12926  
 trees and boles, weights and centers of gravity, 12555  
 Asteroidea, *see* Starfishes.  
 Astrometry, and astrophysics, no. 6, annular solar eclipse, 12831  
 Astronautics, *see* Navigation.  
 Astrophysics, and astrometry, no. 6, annular solar eclipse, 12831  
 Asymptotic solutions, *see* Mathematics.  
 Athens County, Ohio, community profile, 12409  
 Atmosphere:  
 marine, surface-active material, detection and characterization, 12898  
 upper, studies of aurorae by radiophysical methods, 12830  
 Atmospheric entry, ablation performance of charring ablators during atmospheric entry, simulation in ground-test facilities, 12788  
 Atmospheric gases, *see* Gases.  
 Atmospheric turbulence, *see* Turbulence.  
 Atlanta, Ga., urbanization and surface mining, socioeconomic aspects of mining in selected cities, 12741  
 Atlantic Coast, surf clam fisheries, 12068  
 Atlantic States, Middle, fisheries, annual summary, 12065  
 Atomic Energy Commission:  
 AEC news releases, 11974  
 AEC research and development reports, 11975  
 appropriations, 1971, report, 12207  
 Atomic Energy Joint Committee, hearings, 12155  
 Attitude control, *see* Aircraft.  
 Audiologists, employment outlook, 12676  
 Auditory system, *see* Hearing.  
 Auglaize County, Ohio, community profile, 12410  
 Auroras, studies of aurorae and upper atmosphere by radiophysical methods, 12830  
 Automation, physiological measurements in space, USSR study, 12646  
 Automobile accidents, *see* Motor vehicle accidents.  
 Avery County, N.C., community profile, 12411  
 Aviation, *see* Aeronautics.  
 Aviation storekeeper, 3 & 2, rate training manual, 12885  
 Aviation war risk insurance, *see* War risk insurance.  
 Aviators:  
 pilot scanning and control behavior during simulated instrument approaches, measurement and analysis, 12759  
 pilots and mechanics in civil aviation, 1967-77, study of manpower requirements, 12707  
 pilot's weight and balance handbook, 12541

## B

- Backscatter, radar, effect of sea roughness on bandwidth, 12889  
 Baggage, luggage, census of manufactures 1967, industry report, 12004  
 Bailey, Warren R., economic considerations in crop insurance, 12493  
 Baltimore, Md., air quality control region, Federal facilities, air pollution report, 12834  
 Bandwidth, of radar backscatter, effect of sea roughness on, 12889  
 Banks and banking:  
 American Samoa banks, eligible for Federal deposit insurance, report, 12347  
 banking structure and monetary management (remarks), 12530  
 Federal deposit insurance act, amend—  
 hearings, 12359  
 report, 12347  
 Federal reserve and banking system (remarks), 12532  
 record maintenance and report of transactions, require report, hearings, 12359  
 Banking and Currency Committee, House:  
 hearings, 12266-267  
 reports, 12221-222, 12232-233  
 Banking and Currency Committee, Senate:  
 hearings, 12358-359  
 reports, 12325, 12347  
 Banks and banking, *see* Federal land banks—  
 Federal reserve member banks.  
 Barbers Point, Hawaii, harbor study, model investigation, 12510  
 Barbers, employment outlook, 12696  
 Barger, W. R., detection and characterization of surface-active material in marine atmosphere, 12898



- Barr, Richard H., preliminary statistics of State school systems, 12503
- Bathysphere for fishery research, 12073
- Batteries, *see* Electric batteries.
- Baughman, Roger N., SURBAL, computerized metes and bounds surveying, 12359
- Bauxite, Surinam-type metallurgical grade, disposal from national and supplemental stockpiles, law, 12149
- Beaches, breaker travel and choice of design wave height, 12509
- Bearings (machinery):  
 anti-friction bearings, manufacturer's shipments and unfilled orders, 11982  
 hydrodynamic journal bearing test and analysis, 12756  
 transient journal bearing analysis, 12760
- Beaufort County, N.C., community profile, 12412
- Beauty operators, cosmetologists employment outlook, 12696
- Beck, Thomas J., relief, 12171
- Bedding, does bedding promote pine survival and growth on ditched wet sands? 12538
- Bedroom furniture, *see* Furniture.
- Beer, Alice B., trade goods, study of Indian chintz in collection of Cooper-Hewitt Museum of Decorative Arts and Design, Smithsonian Institution, 12917
- Behavior:  
 pilot scanning and control behavior during simulated instrument approaches, measurement and analysis, 12759  
 sensory behavior of naval personnel, monaural/binaural minimum angle of auditory response, 12731
- Beinke, Nancy K., District of Columbia catalog, 12867
- Belmont County Ohio, community profile, 12414
- Bentley, Helen D., remarks, Apr. 16, 1970, 12526
- Berenyi, Steven G., vapor ingestion phenomenon in hemispherically bottomed tanks in normal gravity and in weightlessness, 12776
- Bertle County, N.C., community profile, 12413
- Bessel functions:  
 application of theory to axial compressor noise, 12757  
 spherical, recursion formula for logarithmic derivatives in complex plane, 12513
- Bethune, Mary M., memorial in D.C., National Council of Negro Women to erect, extend time, law, 12105
- Beverages, census of manufactures, 1967, industry statistics, 11998
- Bibliography:  
 cancer, human, involving viruses, partial listing, 12848  
 epidemiology of mental disorders, 12857  
 equilibrium critical phenomena in fluids and mixtures with key-word descriptors, 12844  
 interior furnishings, fabric flammability, 12845  
 Marine Corps artillery, 12726  
 Marine Corps historical bibliographies series, 12726  
 Negro in United States, 12725
- Bills (congressional):  
 armed services, hearings on miscellaneous bills, 12262
- Biological physics:  
 memory analyzed in terms of molecular physiology, USSR study, 12628  
 Soviet biophysics studies, translation, 12645
- Biology:  
 biological effects of laser radiation, USSR study, 12633  
 organization of biological systems and hypothesis of breakout of species in community, USSR study, 12635
- Biophysics.  
*see* Biological physics.
- Birch, yellow and paper birch seeds, germination after 8 yrs. storage, 12551
- Birds:  
 contaminated by oil, and their rehabilitation, problem investigated, 12934  
 Malheur National Wildlife Refuge, list, 12933  
 Seney National Wildlife Refuge, list, 12932
- Birth certificates, where to write for birth and death records, U.S. and outlying areas, 12600
- Bismuth, disposal from national and supplemental stockpile, law, 12141
- Bixby, Lenore E., notes on early retirement, program and certain personal factors, 12921
- Black locust, *see* Locust trees.
- Black Panther Party, report of Jan. 1970 Grand jury, U.S. District Court, northern district of Illinois, eastern division, 12400
- Black Sea, electrical discharges and sounds in some species of nonelectric fish, USSR study, 12656
- Blacksmiths, employment outlook, 12703
- Bladen County, N.C., community profile, 12415
- Blair, R. M., seasonal distribution of nutrients in plants of 7 browse species in Louisiana, 12566
- Blankenship Ranch, Organ Pipe Cactus National Monument, Ariz., historic structures report, 12870
- Blindness Statistics Model Reporting Area, *see* Model Reporting Area for Blindness Statistics.
- Blocks, concrete blocks, surface bonding, technique for erecting block walls without mortar joints, 11947
- Blood, alcohol concentrations as affected by combinations of alcoholic beverage dosages and altitudes, 11981
- Blount, Winton M., remarks, July 19, 1970, 12902
- Blyth, James E.:  
 Lake States pulpwood production plummets 413,000 cords, 12550  
 pulpwood production in north central region by county, 12567
- Board of Trustees of Federal Hospital Insurance Trust Fund, annual report, 12159
- Board of Trustees of Federal Old-Age and Survivors Insurance and Disability Insurance Trust Funds, annual report, 12518
- Boatbuilding, ship and boat equipment, census of manufactures, 1967, industry statistics, 12010
- Boaz, Ruth L., statistics of public libraries serving areas with at least 25,000 inhabitants, 1963, 12505
- Bodies of revolution, half-cone bodies with thin wings at Mach 10.03, aerodynamic interference effects on, 12820
- Bogart, Donald, estimation of spatial distribution in resonance absorbers, 12783
- Bollenbacher, Gary, description and evaluation of digital-computer program for analysis of stationary outside coil Lundell alternators, 12796
- Boltzmann equations, *see* Equations.
- Bonding materials, surface bonding of concrete blocks, technique for erecting block walls without mortar joints, 11947
- Bonin Islands, inhabitants, entry into U.S., facilitate, 12100, 12302
- Boots and shoes, census of manufactures, 1967, industry statistics, 12003
- Borgnino, Elizabeth B., relief, 12097, 12292
- Boring, tunnel technology, disk cutter experiments in sedimentary and metamorphic rocks, 12743
- Boston and Maine RR., payment of loan guaranties, appropriation request, 12291
- Botanic Gardens, appropriations, 1971, legislative report, 12351

# INDEX

- Boundary layer:  
 compressible laminar and turbulent, in arbitrary pressure gradients, FORTRAN program for calculating, 12772  
 vibration responses of shells and plates to fluctuating pressure environments, study, 12755
- Boy Scouts of America, water pollution and its control, boy scout leader's guide, 12540
- Boyle, Elizabeth L., Cantonese, basic course, 12936
- Bozich, D. J., study of vibration responses of shells and plates to fluctuating pressure environments, 12755
- Bozzelli, Michele, copper, 1969 annual statistical supplement, 11984
- Bradford, Pa., aircraft accident report, 12881
- Breakers, *see* Waves.
- Breakwaters:  
 breaker travel and choice of design wave height, 12509  
 coastal regime, recent U.S. experience, 12508
- Brecher, M. Herbert:  
 motor effects from visually induced disorientation in man, 11978  
 quantitative evaluation of optically induced disorientation, 11979
- Brimmer, Andrew P.:  
 addresses, etc.—  
 Apr. 1, 1970, 12530  
 May 28, 1970, 12531
- Broadband, *see* Bandwidth.
- Brollers, *see* Chickens.
- Brombacher, W. G., survey of micromanometers, 12841
- Brooks, J. D., laboratory investigation of diffraction and reflection of sonic booms by buildings, 12799
- Browne, Secor D., remarks, July 16, 1970, 12042
- Browse, *see* Forage plants.
- Brunswick County, N.C., community profile, 12416
- Bubbles, unstable motion under low gravitational conditions, 12795
- Building:  
 contracting for construction and architect-engineering services for Atomic Energy Commission, 11975  
 low-rent housing administration of program handbook, transmittal, 12606  
*see also* Construction industry.
- Building trades, union wages and hours, 12716
- Buildings:  
 diffraction and reflection of sonic booms by, laboratory investigation, 12799  
 Historic American Buildings Survey—  
 Charleston and South Carolina low country, records, 12872  
 District of Columbia, catalog, 12867  
 Maryland, records, 12873  
 subjects, checklist, 12863
- Bulletins, *see* Farmer's bulletins—*also* names of departments, etc., issuing bulletins—*also* subjects.
- Burgess, Isabel A., remarks, Aug. 6, 1970, 12884
- Burns, Arthur F., remarks, Apr. 6, 1970, 12532
- Buses, *see* Motorbuses.
- Business:  
 census, 1967, retail trade, merchandise line sales, 11986-996  
 county business patterns, CBP series, 12017-34  
 OMBE outlook, news from Minority Business Enterprise Office, 12058  
 overseas business reports, 12059-60  
 sector, job opportunities in, program, background information, 12376  
 small business—  
 drug industry, competitive problems, hearings, 12383
- Business—Continued  
 small business—continued  
 management series, 12914  
 ratio analysis, 12914
- Business machine mechanics, *see* Office machine servicemen.
- Butler County, Ohio, community profile, 12417
- Byrne, James B., soil survey of McCreary-Whitley area, Ky., 12927
- O
- C.F.S. series, 12061-65
- Cabinet Committee on Opportunities for Spanish-Speaking People, appropriations, 1971, hearings, 12259
- Cadmium, disposal from national and supplemental stockpile, law, 12137
- Calculations, *see* Numerical calculations.
- Caldwell County, N.C., community profile, 12418
- Calibration:  
 inequitable charges for calibration services, need for accounting improvements at National Bureau of Standards, GAO report, 12576  
 precision measurement and calibration, heat, 12843
- California:  
 county business patterns, 12019  
 current region, fishery resources, seasonal and geographic characteristics of jack mackerel, 12071  
 nursing home care under medical program, problems in approving and paying, GAO report, 12583
- Cambodian language, Foreign Service Institute basic course, 12935
- Campaigns (political), *see* Elections.
- Camps, logging, census of manufactures, 1967, industry report, 12001
- Canada-United States Interparliamentary Group, 13th meeting, House delegation, report, 12239
- Cancer:  
 human cancer involving viruses, partial bibliography, 12348  
 research activities to ascertain causes and develop cures, etc., study, authorization, report, 12318  
 research program, extend and improve—  
 hearings, 12279  
 report, 12248
- Candy, *see* Confectionery.
- Cantonese language, Foreign Service Institute, basic course, 12936
- Canyonlands National Park, boundaries, revise, report, 12323
- Cape Kennedy, Fla., investigation of small-scale motions and forecasting of wind profiles over short periods of time, 12758
- Capital of United States, *see* District of Columbia.
- Capitol Reef National Park, establish, report, 12344
- Caprara, Alfredo, relief, 12098, 12300
- Capture, spatial, distribution in resonance absorbers, estimation, 12783
- Carbon dioxide and helium mixtures at  $-10^{\circ}$  and  $-20^{\circ}$  C and pressures to 1,000 PSIA, 12744
- Carburetors, simplified modular turbojet combustor, preliminary tests, 12773
- Cardwell, Louis E., analyses of natural gases, 12740
- Careers, *see* Occupations.
- Carpenters, employment outlook, 12700
- Carroll County, Ohio, community profile, 12419
- Carrots and peas, canned, U.S. standards for grades, 12389
- Carteret County, N.C., community profile, 12420
- Cartographers, Soviet, international relations, 12642
- Cashiers, employment outlook, 12692



- Casings, effect of penetration by payload into its crushable casing and landing energy absorption, approximate analytical models, 12801
- Castor oil, disposal from national stockpile, law, 12142
- Castro, Fidel, broken pledges, memorandum, 12369
- Caswell County, N.C., community profile, 12421
- Catalog cards, Library of Congress, music and phonorecords, 12724
- Catalogs:
- civil defense motion pictures, 12045
  - Coast Guard Academy, 12056
  - Federal supply catalog, consolidated master cross reference list, 12396
  - Industrial College of Armed Forces, 12619
  - Library of Congress music and phonorecords, 12724
  - National Bureau of Standards standard reference materials, 12832
- Catawba County, N.C., community profile, 12422
- Causation, culpability and deterrence in highway crashes, 12949
- CBS, *see* Columbia Broadcasting System.
- Ceccarelli, Jane M.:
- illustrative total monthly family benefits under 1969 amendments, 12919
  - maximum benefits under social security amendments of 1969, 12920
- Census:
- business, 1967, retail trade, merchandise line sales, 11936-996
  - business, 1970, user guide, technical documentation, 12014
  - construction industries, 1967, industry statistics, 11997
  - Governments, 1967, government finances, 12039
  - manufactures, 1967, industry statistics, 11998-12012
  - population, 1970, State editions, print additional copies, report, 12193
  - transportation, 1967, commodity transportation survey, shipper group, 12013
- Center of gravity, *see* Center of mass.
- Center of mass, centers of gravity of infants, determination, 11977
- Central States:
- North Central—
    - climate conditions preceding historically great fires, 12560
    - pulpwood production by county, 12567
    - veneer-log production and receipts, 12568
- Certificates, *see* types of certificates or subject involved.
- Chains, Federal item identification guide, change, 12392
- Challenge for the bold in United States Air Force, 11961
- Chanco, Amado G., jr., relief, 12298
- Chandler, Marjorie O., students enrolled for advanced degrees, fall 1969, preliminary report, 12506
- Chang, Ming, relief, 12299
- Chaplains, Veterans Administration hospitals, chaplain service, general information, 12951
- Charleston, S.C., buildings, Historic American Buildings Survey, records, 12872
- Charleston, W. Va., area wage survey, 12711
- Charring ablaters, *see* Ablators.
- Chatham County, N.C., community profile, 12423
- Chattanooga, Tenn., air quality control region, Federal facilities air pollution report, 12833
- Checklists, *see* names of departments, etc., issuing checklists—*also* subjects.
- Cherokee County, N.C., community profile, 12424
- Chiang, C. W., analysis of supersonic conical flows, 12815
- Chickens, broiler marketing guide, 12388
- Children:
- Child nutrition act of 1966, extend, law, 12121
  - special milk program, extend, law, 12121
  - women by number of own children under 5 years old, Mar. 1969 population characteristics, 12035
- Chintz, trade goods, Indian chintz in collection of Cooper-Hewitt Museum of Decorative Arts and Design, study, 12917
- Chiropodists, podiatrists, employment outlook, 12673
- Chiropactors, employment outlook, 12674
- Chowan County, N.C., community profile, 12425
- Chromite, refractory grade, disposal from national and supplemental stockpile, law, 12151
- Chrysotile, *see* Asbestos.
- Cider, apple, making and preserving, 11948
- Cinnabar ores, electrolytic oxidation for mercury recovery, 12750
- Circuits:
- electronic circuit designs for space vehicles, control, 12825
  - integrated, multilevel large scale, failure modes, study, 12763
- Circulars, *see* names of departments, etc., issuing circulars.
- Cities and towns:
- Housing and urban development act of 1965, title 7, amend, report, 12232
  - mass transportation program, long-term financing, report, 12233
  - organization of biological systems and hypothesis of breakout of species in community, USSR study, 12635
  - socioeconomic aspects of mining in selected cities, urbanization and surface mining, Atlanta, Ga., 12741
  - urban area traffic operations improvement program, Transportation Dept., report, 12289
  - print as Senate document, report, 12354
- City planning, *see* Redevelopment (city planning, etc).
- Civil aviation, *see* Aeronautics.
- Civil defense, *see* Civilian defense.
- Civil Defense Office:
- leaflets, 12044
  - miscellaneous publications MP series, 12045-46
  - motion picture catalog, 12045
- Civil service:
- career opportunities, Commerce Department, 12057
  - examination announcements—
    - hearing examiner, 12052
    - trades and crafts, equipment operation and repair, automotive mechanic, amendment, 12047
  - severance pay, what it is, 12051
  - take a giant step, go Government, typists, stenographers, office jobs, 12048
- Civil Service Commission, pamphlets, 12048-50
- Civil works, *see* Public works.
- Civilian defense:
- extend emergency authority of the President, law, 12123
  - Federal civil defense act of 1950, amend, law, 12123
  - Federal civil defense guide, 12043
  - Government in emergency, suggestions for including in social studies curriculum, grades 1-12, 12046
  - motion picture catalog, 12045
- Civilians, captives of North Vietnam, payment of claims, amend War claims act, law, 12116
- Claims:
- Federal claims collection act of 1966, progress and problems in implementing, GAO report, 12584



# INDEX

## Claims—Continued

- foreign claims certified to Congress, partial payments, amend U.S. Code, law, 12135
- military personnel and civilian employees—
  - claims act of 1964, sec. 3(e), repeal, law, 12134
  - personal property, settlement, discontinue annual report to Congress—law, 12134
  - report, 12335
- prisoners of war, civilian American citizens, and persons serving aboard U.S.S. Pueblo held captive by forces of North Korea, payment, amend War claims act, law, 12116
- War claims act of 1948, amend, law, 12116
- Clams, surf clam fishery, Atlantic Coast, 12068
- Clark County, Ohio, community profile, 12426
- Classification, Library of Congress, class N, fine arts, 12723
  - see also names of substances, objects, etc., classified.
- Clausen, Knud E., germination of yellow and paper birch seeds after 8 yrs. storage, 12551
- Clay County, N.C., community profile, 12427
- Clean air act, see Air pollution.
- Clergy, Protestant clergymen, rabbis, Roman Catholic priests, employment outlook, 12681
- Clermont County, Ohio, community profile, 12425
- Cleveland County, N.C., community profile, 12429
- Clifford, Kenneth J., United States marines in Iceland, 12727
- Climate, conditons preceding historically great fires in North Central region, 12560
- Clinical Center, National Institutes of Health, current clinical studies and patient referral procedures, 12858
- Clinics, see names of clinics.
- Clinton County, Ohio, community profile, 12430
- Cloth, see Textiles.
- Clothing, apparel industry, employment outlook, 12706
- Clouds, growth associated with development of secondary cyclones, meteorological satellite views, 12771
- Coal, seeded, combustion products, thermodynamic, electrical, physical and compositional properties, 12739
- Coal dust, respirable dust sampling requirements under Federal coal mine health and safety act of 1969, 12742
- Coal mines and mining:
  - Federal coal mine health and safety act of 1969—
    - legislative history, 12269
    - respirable dust sampling requirements, 12742
- Coalinga Canal, designate, report, 12343
- Coast changes, coastal regime, recent U.S. experience, 12508
- Coast Guard:
  - auxiliary administrative handbook, 12053
  - omnibus bill, law, 12106
  - organizational manual, amendment, 12054
- Coast Guard Academy, New London, catalogue of courses, 12056
- Coastal Engineering Research Center, reprint R (series), 12508-9
- Coastal regime, recent U.S. experience, 12508
- Coated fabrics, see Textiles.
- Cobalt, disposal from national and supplemental stockpile, law, 12140.
- Codes, see Code of Federal regulations—
  - Codes of law—also names of departments, etc., issuing codes—also subjects.
- Codes of law, United States, 1964 edition, supplement, 12087
- Coefficients, Fourier's law of heat conduction, modifications through use of simple collision model, 12814
- Coffee, international agrcement, annual report, 12286
- Cohen, Julius S., manpower and mental retardation, exploration of issues, 12903
- Cold storage, see Lockers.
- Collecting of accounts, Federal claims collection act of 1966, progress and problems in implementing, GAO report, 12584.
- Colleges and universities:
  - financial statistics, 1968-69, selected, 12504
  - higher education—
    - directory, 12497
    - students enrolled for advanced degrees, fall 1969, preliminary report, 12506
    - schools participating in nursing student assistance programs, 1971 fiscal year, 12598
    - see also names of colleges and universities.
- Colonial National Historical Park, Thomas Pate House and lot 42 in Yorktown, Va., historic data, 12875
- Colorado, apples, marketing order authority, extend, report, 12223.
- Colorado River and Valley, surface water supply of basin from Green River to Compact Point, 12592
- Columbia Broadcasting Systems, "Project Nassau", CBS network news documentary practices, report, 12252
- Columbiana County, Ohio, community profile, 12431
- Columbus, Ind., Post Office dedication (remarks), 12902
- Columbus County, N.C., community profile, 12432.
- Combat vehicles, see Motor vehicles.
- Combustion products, seeded coal, thermodynamic, electrical, physical and compositional properties, 12739
- Combustors, simplified modular turbojet combustor, preliminary tests, 12773
- Commemorative medals, see Medals.
- Commerce:
  - foreign trade—
    - American policy (remarks), 12526
    - FT reports, 12038, 12041
    - foreign trade statistics, 1970 guide, 12040
  - Interstate commerce act, amend, report, 12201
  - tariff and trade proposals, hearings, 12287
  - Trade act of 1969, proposals, hearings, 12287
  - Trade expansion act of 1962, as amended, hearings, 12287
  - United States trade with Communist areas in Eastern Europe and Asia, 12059
- Commerce Committee, Senate:
  - hearings, 12360-362
  - reports, 12355
- Commerce Department:
  - careers, 12057
  - inequitable charges for calibration services, need for accounting improvements at National Bureau of Standards, GAO report, 12576
- Commercial fisheries, see Fish and fisheries.
- Commercial Fisheries Bureau:
  - fishery marketing development series, 12075
  - statistical list, SL series, 12076-82
- Commercial products:
  - cenus of business, 1967, merchandise line sales, retail trade, 11986-996
  - commodity transportation survey, 1967
    - cenus of transportation—
      - commodity groups, selected major TCCC-digit classes, 12013,
      - shipper group, 12013
    - exports, domestic merchandise, statistics, 12041
    - imports, foreign trade reports, 12038

- Commission on Revision of Criminal Laws of District of Columbia, *see* Criminal Laws of District of Columbia, Commission on Revision of.
- Commissioned officers, *see* Air Force Reserve.
- Committees, interagency committees in which HUD participates, inventory, 12607
- Commodities, *see* Agricultural products—Commercial products.
- Commodity Credit Corporation:  
financial statements, 1969, GAO examination, 12574  
reports of president, 12083-84
- Communicable diseases, *see* Contagion and contagious diseases.
- Communications, act of 1934, amended, report, 12237
- Communism, Lenin Centennial, statements by Ukrainian Academicians, 12648
- Communities, *see* Cities and towns.
- Community facilities, Emergency community facilities act of 1970, report, 12232
- Community health services, *see* Health.
- Community profiles, 12401-490
- Compacts (interstate), *see* Interstate agreements.
- Competition, drug industry, competitive problems, hearings, 12383
- Composite materials, stress-rupture life of discontinuous fiber composites, influence of fiber aspect ratio, 12782
- Compositions of matter, compositional properties of seeded coal combustion products, 12739
- Compressibility, factors for helium and carbon dioxide mixtures at  $-10^{\circ}$  and  $-20^{\circ}$  C and pressure to 1,000 PSIA, 12744
- Compressors, axial compressor noise, application of theory to minimize, 12757
- Comptroller General, *see* General Accounting Office.
- Computer programs/programming:  
computer multiplication use of Markov chains to analyze asynchronous methods, USSR study, 12629  
computer programs—  
analysis of stationary outside-coil Lundell alternators, description and evaluation, 12796  
thermal analysis of spacecraft, including all multiple reflections and shading among diffuse gray surfaces, 12824
- FORTRAN programs—  
calculating compressible laminar and turbulent boundary layers in arbitrary pressure gradients, 12772  
preliminary orbit determination methods, 12770  
self-study course in FORTRAN programming, textbook, 12753
- PERTRAN, transport-perturbation program, 12825
- SURBAL, computerized metes and bounds, 12559
- Concepts involved in defining and identifying farms, 12494
- Concrete:  
blocks, surface bonding, technique for erecting block walls without mortar joints, 11947  
fly ash increases resistance to sulfate attack, 12910
- Conduction of heat, *see* Heat transfer.
- Cones:  
half-cone bodies with thin wings at Mach 10.03, aerodynamic interference effects on, 12820  
supersonic conical flows, analysis, 12815
- Confectionery, manufacturers' sales and distribution, 11883
- Conference committees, reports, 12199, 12202-204, 12214-215, 12218, 12234, 12245, 12249, 12251, 12254, 12256.
- Conferences, congresses, etc., *see* names of conferences, etc.—*also* subject of conference.
- Conflict (psychology):  
optimal processes in conflict situations, USSR study, 12625
- Congress of United States:  
biographical directory, print revised edition, report, 12192  
congressional proceedings, Federal immunity of witnesses act, report, 12198  
congressional record—  
daily, subscription price, Public Printer to fix, authorize—  
law, 12104  
report, 12184  
91st Congress, 1st session, bound volume, 12086  
Legislative reorganization act of 1970, to improve legislative branch, report, 12206  
Congressional record, *see* Congress of United States.
- Congressional serial set, 12088-90
- Connecticut:  
county business patterns, 12020  
fishery products, wholesale dealers, list, 12077
- Conner, Howard E., piecewise ergodic problem for gas systems, 12892
- Conner, Lonnie M., glass products, 12005
- Conservation, *see* Natural resources—*also* subjects.
- Conservation laws of linear, homogeneous systems, 12779
- Consolidated master cross reference list, 12396
- Constitution of United States, amend to reform electoral college, hearings, 12370
- Construction, *see* Building—Roads and highways.
- Construction industry:  
apprenticeship schedules, building and construction trades, 11968  
census 1967, industry statistics, 11997  
construction reports, 12015
- Construction materials, fracture toughness of structural metals, 12893
- Consumer Advisory Council, establish, hearings, 12274
- Consumer Affairs Department, establish, hearings, 12274
- Consumer Affairs Office, establish, hearings, 12274
- Consumer and Marketing Service:  
PMG series, 12387-388  
posters, 12391
- Consumer Finance Commission, *see* National Commission on Consumer Finance.
- Consumer Protection Agency, establish, hearings, 12274
- Consumers:  
Consumer Protection Agency act of 1969, hearings, 12274  
Consumer representation act of 1969, hearings, 12274  
organizing Federal consumer activities by coordination of programs and operations among Federal agencies, hearings, 12274
- Consumption (economics), *see* names or classes of commodities.
- Construction industry, apprenticeship schedules, building and construction trades, 11967
- Contagion and contagious diseases:  
communicable disease control amendments of 1970, report, 12242  
grants for communicable disease control, authorization, report, 12242  
isolation techniques for use in hospitals, 12554
- Containers:  
containership, launching of SS American Apollo (remarks), 12728  
wooden, census of manufactures, 1967, industry statistics, 12002
- Continental Shelf, territorial sea boundaries, hearings, 12264

## INDEX

- Contraceptives, oral contraceptives, competitive problems in drug industry, hearings, 12383
- Contractor report NASA CR (series), 12732-767
- Contractors:
- highway and street construction, census of construction industry, 1967, industry statistics, final report, 11997
  - overseas contractors, opportunities for improvement in management of Government materials provided, GAO report, 12580
- Contracts, electric system construction contract, labor and material, 12911  
*see also* Government contracts.
- Control (vehicles), *see* Aircraft—Spacecraft.
- Control systems:
- and role of management, USSR study, 12651
  - engineering psychology and control systems, USSR study, 12624
  - Saturn launch vehicle, description and performance, 12809
- Controllability, lateral-directional handling qualities, simulator study of coupled roll-spiral model effects in new experimental aircraft, 12769
- Cooks and chefs, employment outlook, 12697
- Cooley, John H., initial thinning in red pine plantations, 12561
- Cooper-Hewitt Museum of Decorative Arts and Design, Indian chintz collection, study, 12917
- Cooperatives:
- District of Columbia cooperative association act, amend, report, 12346
  - fishery cooperatives in United States, list, 12074
- see also* types of cooperatives.
- Copper:
- industry report, 1969 annual statistical supplement, 11984
  - suspension of duties on certain forms, continue, law, 12122
- Coral reefs and islands, Pacific Ocean, conserve and protect coral reef resources from erosion by starfish, hearing, 12366
- Corn, frozen corn-on-the-cob, U.S. standards for grades, 12390
- Corporation for Public Broadcasting, *see* Public Broadcasting Corporation.
- Corundum, disposal from national stockpile, law, 12153
- Cosby, John T., jr., relief, 12095, 12310
- Coshocton County, Ohio, community profile, 12433
- Cosmetologists, *see* Beauty operators.
- Cosmic rays and their interactions, 12828
- Cost, desalting cost calculating procedures, 12610  
*see also* subjects.
- Cottrhan, Charles A., study of radiation heat transfer from cylindrical fin with base surface interactions, 12780
- Cotton:
- production, 1969 crops, 12016
  - varieties planted, 12385
- Cotton gins and ginning, equipment, 12384
- Coulometers, mercury electrochemical, battery state-of-charge indicator, 12789
- Council of Social Advisers to the President, establish, report, 12348
- Counties, county business patterns, CBP series, 12017-34
- Countries, *see* Foreign countries.
- Courses of study, *see* Curriculum.
- Courts, District of Columbia, recognize, law, 12154
- Courts of United States, Federal immunity of witnesses act, report, 12198
- Cowart, Ralph, industrial services handbook, 12948
- CPB, *see* Public Broadcasting Corporation.
- Cracking (fracturing):
- fatigue-crack growth under simple variable-amplitude loading, investigation, 12775
- see also* Fracture of metals.
- Craft (nautical):
- pleasure craft, Federal requirements for motorboats, 12055
- Craftsmen, *see* Labor.
- Cramer, Stephen D., radiographic test for electrodeposit porosity, 12748
- Crashes, *see* Motor vehicle accidents.
- Craters, liquid-drop-impact erosion, basic research, 12762
- Craven County, N.C., community profile, 12434
- Crawford County, Ohio, community profile, 12435
- Credit, Emergency home finance act of 1970, report, 12251
- Credit unions, State, member accounts, Federal share insurance protection, hearings, 12358
- Crime and criminals:
- Omnibus crime control and safe streets act of 1968, amend, reports, 12189, 12212
  - preventive detention of criminals, hearings, 12371
  - uniform crime reports, 12518
  - youth offenders, Youth Correction Division to designate examiners to make recommendations for parole, report, 12216
- Criminal Laws of District of Columbia, Commission on Revision of, appropriations, 1971, report, 12234
- Crooker, T. W., influence of yield strength and fracture toughness on fatigue design procedures for structural steels, 12891
- Crop insurance, *see* Agricultural insurance.
- Crops, *see* names of crops.
- Crossroads for man in uniform, 11972
- Crude oil, *see* Petroleum.
- Cryogenics:
- cryogenic unit applicable for some surgical operations, USSR study, 12647
  - glass filament wound pressure vessels, static and dynamic fatigue behavior at ambient and cryogenic temperatures, 12794
- Cubans, Castro's broken pledges to the people, memorandum, 12369
- Cumberland Gap National Historical Park, Davis Tavern site, location study, 12866
- Currency, *see* Money.
- Current fishery statistics, C.F.S. series, 12061-65
- Curriculum:
- Coast Guard Academy, catalog of courses, 12056
  - course and curriculum improvement projects, mathematics, science, social sciences, 12878
- Currituck County, N.C., community profile, 12436
- Cutting machinery, tunnel boring technology, disk cutter experiments in sedimentary and metamorphic rocks, 12743
- Cutting strategies & timber yields for unbalanced even-aged northern hardwood forests, 12563
- Cuyahoga County, Ohio, community profile, 12437
- Cybernetics:
- cybernetics in Ukraine, USSR study, 12636
  - cybernetics on march, USSR study, 12643
- Cyclones, secondary, cloud growth associated with development of meteorological satellite views, 12771
- Cylinders, thin-walled cylinder of open section, coupled thermally-induced transverse plus torsional vibrations, 12826



**D**

Dairy products, manufactured products, 1969 production, 12944  
 Dairying, publications, price list, 12907  
 DAISY, efficient program for production of neutron pseudo resonance parameter chains in unresolved energy region, 12802  
 Dales, Sophie R., Federal grants to State and local governments, 12922  
 Damages, causation, culpability and deterrence in highway crashes, 12949  
 Dampers, yaw-rate damper, effect on flying qualities of light twin-engine airplane, evaluation, 12817  
 Dancers, employment outlook, 12687  
 Daniels, Bennie A., leather gloves, luggage and miscellaneous leather goods, 12004  
 Darden, Pierre S. du P., relief of estate, 12099, 12311  
 Dare County, N.C., community profile, 12438  
 Darke County, Ohio, community profile, 12439  
 Data, *see* subjects.  
 Data storage and retrieval system, *see* Information storage and retrieval system.  
 Davis, C. W., brit herring along Maine's coast, 12072  
 Davis, Cal C., relief, 12164  
 Davis, Thomas A., forced-flow electrodesalination, 12611  
 Davis, Tavern, Cumberland Gap National Historical Park, site location study, 12866  
 Dean, Lyndon A., relief, 12164  
 Death, mortalities, fish, investigating causes, 12539  
 Death certificates, where to write for birth and death records, U.S. and outlying areas, 12600  
 Debt, foreign postal debts owed to United States, report, 12229  
*see also* Public debt.  
 Decisions, *see* names of courts, etc., rendering decisions.  
 Defect indicators in sugar-maple, photographic guide, 12562  
 Defense, *see* Civilian defense—National defense.  
 Defense Department :  
   appropriations, 1971—  
     hearings, 12258  
     military procurement, authorization, report, 12352  
   bus travel, opportunity for savings by reducing paper work, GAO report, 12581  
   military mail reductions achieved in cost of transporting from Okinawa to points in southeast Asia, GAO report, 12586  
   military standards, 12397-398  
   need for increased control over local currency made available to Vietnam Republic for support of its military and civil budgets, GAO report, 12578  
   overseas air passenger transportation, potential savings by centralized control, GAO report, 12582  
 Defense production act, *see* Production.  
 Defiance County, Ohio, community profile, 12440  
 Degrees (colleges, universities, etc.) :  
   advanced students enrolled, fall 1969, preliminary report, 12506  
 Delaware :  
   county business patterns, 12021  
   fishery products, wholesale dealers, list, 12078  
 Delaware County, Ohio, community profile, 12441  
 Delvigs, Peter, polyimides from some diaminoanthraquinones and pyromellitic dianhydride, 12800  
 Demand, *see* Supply and demand.  
 Density, variation, in sugar maple sapwood and heartwood, 12554  
 Dental assistants, employment outlook, 12670

Dental hygienists, employment outlook, 12670  
 Dental laboratories, dental laboratory technicians, employment outlook, 12670  
 Dental technicians, dental laboratory technicians, employment outlook, 12670  
 Dentists, employment outlook, 12669  
 Desalination :  
   forced-flow electrodesalination, 12611  
   Webster Test Facility and Electrodesialysis Test-Bed Plant, Webster, S. Dak., 12614  
*see also* Sea water.  
 Desalting of sea water, *see* Sea water.  
 Descriptors, *see* Subject headings.  
 Designers of machinery not materially stimulated, USSR study, 12638  
 Designs (industrial) :  
   ship designs for U.S. flag merchant fleet, 12730  
 Desulfurization, hydrodesulfurization of residual fuel from Wilmington, Calif. crude oil, 12747  
 Detention of persons, *see* Arrest.  
 Detroit, Mich., metropolitan, air quality control region, Federal facilities, 12835  
 Developments (real estate), *see* Housing.  
 Diabetes, literature index, cumulative edition, 12856  
 Dialysis, forced-flow electrodesalination, 12611  
 Diaminoanthraquinones, polyimides from pyromellitic dianhydrides, 12800  
 Dietitians, employment outlook, 12677  
 Diffraction :  
   electromagnetic waves on 2 bodies, 12829  
   sonic booms by buildings, laboratory investigation, 12799  
 Diffusion, rarefied by model sampling, 12786  
 Dikeou, J. T., fly ash increases resistance of concrete to sulfate attack, 12910  
 Diodes, electrical noise in GaAs diode lasers, 12888  
 Directories :  
   community health services, selected, funded under sec. 314(e) of Public Health Service act, 12085  
   Congress of United States biographical directory, print revised edition, report, 12192  
   education 1969-70—  
     higher education, 12497  
     State governments, 12498  
   Federal R & D installations, report to Federal Council for Science and Technology, 12879  
   Missouri Basin Inter-Agency Committee, 1971 fiscal year, 12751  
   non-federal statistics for States and local areas, guide to sources, 12037  
 Disaster Assistance Office, create, hearings, 12381  
 Disasters :  
   Omnibus disaster assistance act, hearings, 12381  
   relief, hurricane Camille, Federal response, hearings, 12381  
 Diseases, etiology of experimental neuro-paralytic diseases, role of toxins of certain saprophytic microbes, USSR study, 12622  
*see also* Contagion and contagious diseases.  
 Disks, large disk suspended as pendulum, apparent mass and moment of inertia at different air densities, experimental determination, 12819  
 Disorientation :  
   optically induced, quantitative evaluation, 11979  
   visually induced, in man, motor effects from, 11978  
 Dispersion, stream dispersion at selected sites, 12559  
 Distances, closed distant stationary orbits determined from range rate method for determination of accuracy, 12818

# INDEX

- Distillation, solar distillation of saline water, manual, 12609
- Distribution (economics), *see* names of commodities.
- District Courts, northern district of Illinois, eastern division, Black Panther Party, Jan. 1970 report, 12400
- District of Columbia:
- appropriations, 1971, report, 12234
  - Commissioner, disposition of District owned property in Prince William County, Va., authorize, report, 12246
  - Cooperative association act, amend, report, 12346
  - courts, reorganize, law, 12154
  - drug abuse in Washington area, study, 12363
  - governmental organization, Congressional representation, etc., hearings, 12268
  - Historic American Buildings Survey, catalog, 12867
  - home rule, hearings, 12268
  - memorial for Mary McLeod Bethune, National Council of Negro Women to erect, extend time limitation authorization, law, 12105
  - Police and firemen's salary act of 1958, amend, 12199
  - rebuilding 7th, 14th streets, NW. and H street, NE., 12849
  - Teacher's salary act of 1955, amend, 12199
- District of Columbia Committee, House:
- hearings, 12268
  - report, 12246
- District of Columbia Committee, Senate:
- committee print, 12363
  - report, 12346
- Diving, saturation-excursion diving to pressures equivalent to 800 and 1000 feet of seawater, pulmonary gas exchange and urinary electrolyte excretion, 12735
- Divorce, probabilities, current population report, 12036
- Documentary films, *see* Motion pictures.
- Documents, *see* Government publications.
- Documents Office, *see* Public Documents Division.
- Dominican Republic, agricultural commodities, agreement, 12939
- Donnelly, Ralph W., annotated bibliography of United States Marine Corps' artillery, 12726
- Doppler effects, *see* roughness effects on bandwidth of radar backscatter, 12889
- Doraster constellation, *see* Starfishes.
- Downey, Maureen E., Zoroacallida, new order, and Doraster constellation, new genus and species, with notes on Zoroasteridae (Echinodermata: Asteroidea), 12916
- Drag (aerodynamics):
- aerodynamic interference effects on half-cone bodies with thin wings at Mach 10.03, 12820
- Drainage, basin characteristics generalization of stream-flow characteristics, 12593
- Drug abuse, Washington, D.C., study, 12363
- Drugs:
- drug industry, competitive problems, hearings, 12383
  - immunological mechanisms of drug side effects, USSR study, 12623
  - pharmaceutical industry, competition, present status, hearings, 12383
  - see also* names of drugs.
- Drunkenness, *see* Alcoholism.
- Ducts, magnetospheric, characteristics observed by Alouette-2 topside sounder, 12805
- Duke, Kimoko A., relief, 12305
- Dunning, Robert S., experimental determination of apparent mass and moment of inertia of large disk suspended as pendulum at different air densities, 12819
- Dust, *see* Coal dust.
- Dust respirators, *see* Respiratory equipment.
- Dusting apparatus, hand operated, mobile dusters, types, etc., 11951
- Duties, *see* Tariff—*also* names or classes of articles imported.
- Dyes and dyeing:
- dyeing materials, duty free status, extend report, 12324
  - textiles, census of manufactures, 1967, industry statistics, 11999
- ## E
- Earnings, *see* Wages.
- Earthquakes, Alaska reconstruction grants, report, 12230
- East (Near East):
- special study mission, report, 12272
- East Greenacres unit, *see* Rathdrum Prairie project.
- Eastern Europe, *see* Europe.
- Echinodermata, *see* Starfishes.
- Eclipses, annular solar eclipse, May 20, 1966, astrometry and astrophysics, 12831
- Economic conditions:
- economic data for less developed countries, 12618
  - socioeconomic aspects of mining in selected cities, urbanization and surface mining, Atlanta, Ga., 12741
  - U.S. economy in 1980, summary of BLS projections, 12718
  - see also* names of countries, States, etc.
- Economic development:
- Public works and economic development act of 1965, as amended, authorizations, extend—
  - law, 12127
  - report, 12340
- Economic Joint Committee, hearings, 12156-157
- Economic Opportunity Office:
- appropriations, 1971, hearings, 12259
  - Economic Opportunity act of 1964, as amended, compilation, 12373
- Economic poisons, *see* Pesticides.
- Economic policy:
- Economic opportunity act of 1964, as amended, compilation, 12373
  - foreign, for 1970's, survey of issues, hearings, 12156
  - U.S. economy in 1980, summary of BLS projections, 12718
- Economic Research Service:
- ERS series, 12492-494
  - foreign agricultural economic reports, 12495-496
- Economic stabilization, *see* Stabilization.
- Economics:
- aspects of aging toward a full share in abundance, international aspects, hearings, 12356
  - crop insurance, economic considerations, 12493
  - economic papers, 1966-69, FTC, 12537
- Economists, employment outlook, 12689
- Edgecombe County, N.C., community profile, 12442
- Edith Nurse Rogers Memorial Veterans' Hospital, Bedford, Mass., designate, report, 12187
- Education:
- adult, facts about Adult, Vocational, and Technical Education, Bureau, 12499
  - directory—
  - higher education, 12497
  - State governments, 12498
  - educational opportunities in Air Force, 11962
  - Federal role in education reform (address), 12500
  - Indian children, improvement of administration of program for aid to their public school education, GAO report, 12572
  - mountain of established structure and traditional practice must be moved (address), 12507



Education—Continued  
 Negro community (address), 12531  
 opportunities and financial assistance for  
 student nurses and registered nurses in  
 Army, 11970  
 Education and Labor Committee, House, com-  
 mittee print, 12269  
 Eggs, 1971 egg marketing guide, 12387  
 Eisenberg, R. L. precipitation effects on  
 Omega aircraft receivers, 12596  
 Eisenhower, Dwight D., 6-cent commemora-  
 tive postage stamp (poster), 12901  
*see also* President of the United States.  
 Eldredge, Anan, relief, 12182  
 Elections:  
 campaign expenditures of House candi-  
 dates, special committee to investigate,  
 appoint, report, 12197  
 electoral college reform, amend Constitu-  
 tion, hearings, 12370  
 political campaign contributions affecting  
 House of Representatives, amend House  
 rules, report, 12196  
 President and Vice President, amend Con-  
 stitution relating to electoral college  
 reform, hearings, 12370  
 Electoral college. *see* Elections.  
 Electric batteries:  
 mercury electrochemical coulometer as  
 battery state-of-charge indicator, 12739  
 porous structures used as oxygen fuel cell  
 electrodes, factors affecting perform-  
 ance, 12767  
 Electric discharges, and sounds in some  
 species of nonelectric fish of Black Sea,  
 USSR study, 12656  
 Electric generators:  
 potassium turboalternator (KTA), prelim-  
 inary design study, alternator para-  
 metric design, 12754  
 stationary outside-coil Lundell alterna-  
 tors, description and evaluation of  
 digital-computer program for analysis,  
 12796  
 Electric lighting, *see* Electricity.  
 Electric lines, electric system construction  
 contract, labor and material, 12911  
 Electric measurements, electrical properties  
 of seeded coal combustion products, 12739  
 Electric wire and wiring, equipment, census  
 of manufactures, 1967, industry statistics,  
 12008  
 Electricians, electrical trades, apprentice-  
 ship schedules, 11966  
 Electricity:  
 electric lighting equipment, census of  
 manufactures, 1967, industry statis-  
 tics, 12008  
 environmental effects of energy genera-  
 tion on Lake Michigan, hearing, 12361  
 national electric rate book, 12527-529  
 Electrodeposition, *see* Electroplating.  
 Electrodes, porous structures used as oxygen  
 fuel cell electrodes, factors affecting per-  
 formance, 12767  
 Electrolysis, *see* Dialysis.  
 Electrolysis, electrolytic oxidation of cinnar-  
 barol ores for mercury recovery, 12750  
 Electrolytes, urinary electrolyte excretion  
 during saturation-exursion diving to pres-  
 sures equivalent to 800 and 1000 feet of  
 seawater, 12735  
 Electromagnetic radiation, diffraction of  
 electromagnetic waves, on 2 bodies, 12829  
 Electromagnetic waves, *see* Electromagnetic  
 radiation.  
 Electron probe microanalysis, quantitative,  
 present state of classical theory, 12847  
 Electron tubes, selection, military standard,  
 notice, 12397  
 Electronic circuits, *see* Circuits.  
 Electronics, electronic trades, apprentice-  
 ship schedules, 11966  
*see also* Radar.

Electrons:  
 electron beam injected into space, sta-  
 bility, 12303  
 electron-paramagnon interaction effects in  
 nearly ferromagnetic metals, 12397  
 kinetic electron temperature measurement  
 techniques for helium, 12806  
 Electroplating, radiographic test for electro-  
 deposit porosity, 12748  
 Elk, tule elk preservation of species, estab-  
 lish wildlife refuge in California, hear-  
 ing, 12280  
 Embassies, *see* Foreign Service.  
 Emergency home finance act of 1970, report,  
 12251  
 Emergency Preparedness Office, appropri-  
 ations, 1971, amendment, proposal, 12290  
 Emigrant Basin Primitive Area, Calif.,  
 mineral resources, 12587  
 Emissions:  
 air pollution, national emission standards  
 study, HEW report, print as Senate  
 document, report, 12319  
 National emission standards act, hearings,  
 12380  
*see also* Thermionic emissions.  
 Employment:  
 good training, good jobs, MDTA facts for  
 manpower administrators, 12501  
 Industrial services handbook, 12948  
 multiple jobholders, May 1969, special  
 labor force report, 12721  
 outlook—  
 accountants, 12664  
 advertising, marketing research, public  
 relations workers, 12665  
 aluminum industry, 12705  
 apparel industry, 12706  
 architects, 12680  
 barbers, cosmetologists, 12696  
 blacksmiths, 12703  
 business machine servicemen, 12702  
 carpenters, painters and paperhangers,  
 glaziers, 12700  
 cashiers, 12692  
 chiropractors, 12674  
 clergy, Protestant clergymen, rabbis,  
 Roman Catholic priests, 12681  
 conservation occupations, 12682  
 cooks and chefs, waiters and waitresses,  
 12697  
 dental hygienists, dental assistants,  
 dental laboratory technicians, 12670  
 dentists, 12669  
 dietitians, 12677  
 engineers, 12679  
 FBI special agents, 12698  
 firefighters, 12699  
 furniture upholsterers, 12704  
 home economists, 12683  
 industrial traffic managers, purchasing  
 agents, 12667  
 landscape architect, 12684  
 lawyers, 12685  
 librarians, library technicians, 12686  
 performing arts occupations, actors and  
 actresses, dancers, 12687  
 personnel workers, 12666  
 pharmacists, 12672  
 physical therapists, 12675  
 physicians, osteopathic physicians,  
 12668  
 plumbers and pipefitters, 12701  
 podiatrists, 12673  
 psychologists, 12688  
 receptionists, 12693  
 registered nurses, licensed practical  
 nurses, hospital attendants, 12671  
 social workers, 12690  
 speech pathologists and audiologists,  
 12676  
 stenographers and secretaries, typists,  
 12694  
 surveyors, 12691  
 telephone operators, 12695



# INDEX

- Employment—Continued  
 outlook—Continued  
   tomorrow's jobs, 12663  
   veterinarians, 12678  
   social scientists, anthropologists, economists, geographers, historians, political scientists, sociologists, 12639  
   veterans' job rights, facts, 12952  
 Energy, *see* Electricity—Force and energy.  
 Energy absorption:  
   frangible-tube energy-absorption system for protection of nuclear aircraft reactor, parametric study, 12781  
   landing energy absorption, approximate analytical models for, including effect of penetration by payload into its crushable casing, 12801  
 Energy metabolism, *see* Metabolism.  
 Engel, O. G., basic research on liquid-drop-impact erosion, 12762  
 Engineering, contracting for construction and architect-engineering services for Atomic Energy Commission, 11975  
 Engineering aids, 3 & 2, Navy training course, 12386  
 Engineering psychology and control systems, USSR study, 12624  
 Engineers:  
   employment outlook, 12679  
   nuclear defense design, professional development courses, 12044  
 Engineers Corps, Army:  
   appropriations, 1971, report, 12207  
   Honolulu District, technical report, 12510  
 Engines (aircraft):  
   axial compressor noise, application of theory to minimize, 12757  
   simplified modular turbojet combustor, preliminary tests, 12773  
 Engraving and Printing Bureau Fund, financial statements, 1968-69, GAO examination, 12573  
 Enrollment, *see* Colleges and universities.  
 Entertainers, performing arts occupations, employment outlook, 12687  
 Entry into atmosphere, *see* Atmospheric entry.  
 Environment:  
   educational programs, curriculum, etc., for environmental quality and ecological balance, establish, hearings, 12374  
   effects of 2, 4, 5-Trichlorophenoxyacetic acid on, hearings, 12360  
   environmental effects of energy generation on Lake Michigan, hearing, 12361  
   Environmental quality education act, hearings, 12374  
   fluctuating pressure environments, vibration responses of shells and plates, study, 12755  
 Environment Joint Committee, establish, report, 12355  
 Environmental Control Administration, grant activities, support program, 12512  
 Environmental Protective Agency:  
   establish, message from the President, 12162-163  
 Environmental Science Services Administration, technical reports, 12513  
 Epidemiology, mental disorders, 1966-68, bibliography, 12857  
 Equations:  
   directional-mean-free-path method for gas flow in translational nonequilibrium, study, 12785  
   Maxwell, diffraction of electromagnetic waves on 2 bodies, 12829  
   piecewise ergodic problem for gas systems, 12892  
 Equations of motion:  
   piecewise ergodic problem for gas systems, 12892  
   stability of electron beam injected into space, 12803  
 Equilibrium, critical phenomena in fluids and mixtures, comprehensive bibliography with key-word descriptors, 12844  
 Equipments, *see* names and type of equipment.  
 Erosion, liquid-drop-impact erosion, basic research, 12762  
   *see also* Coast changes.  
 ERS, *see* Economic Research Service.  
 Escambia River and Valley, basin, pollution of interstate waters, Alabama-Florida, conference proceedings, 12538  
 Escape systems:  
   submarine escape—  
   experimental training for open-seas, 12737  
   immersion equipment, open sea surface evaluation, 12734  
   simulated escape from 495 feet of sea water, 12736  
 ESSA Research Laboratories, ESSA technical report, ERL-ITS series, 12513  
 Estate tax, *see* Inheritance and transfer tax.  
 Etiology, experimental neuroparalytic diseases, role of toxins of certain saprophytic microbes, USSR study, 12622  
 Europe, Eastern, United States trade with Communist areas, 12059  
 Evaporators, IVS-3, improving performance, USSR study, 12652  
 Evening and continuation schools, *see* Schools.  
 Examinations, *see* Civil service.  
 Executive mansion, general information, 12876  
 Executive Papers, Joint Committee on Disposition of, abolish, law, 12114  
 Expenditures, *see* subjects for which expenditures are made.  
 Experiments and experimentation, apparent mass and moment of inertia of large disk suspended as pendulum at different air densities, experimental determination, 12819  
 Exports:  
   exporting, introductory guide, 12617  
   foreign trade reports, 12041  
   *see also* Tariff—names or classes of articles exported.  
 Exposure, to intense low frequency tones, effects on hearing and performance, 12733
- F**
- F.C.C., *see* Federal Communications Commission.  
 Fabrics, *see* Textiles.  
 Fabuss, Bela M., investigation of anomalous water, 12612  
 Failure free system, *see* Reliability (mechanical).  
 Families, family benefits under 1969 amendments, old-age, survivors, and disability insurance, illustrative total monthly, 12019.  
 Family practice of medicine, hearings, 12375  
 Fan, L. T., analysis and optimization of multi-effect multi-stage flash distillation system, 12608  
 Farm animals, *see* Livestock.  
 Farm Credit Administration, appropriations, 1971, report, 12342  
 Farm insurance, *see* Agricultural insurance.  
 Farm labor, migrant and seasonal farm-worker powerlessness, hearings, 12378  
 Farm mortgages, *see* Mortgages.  
 Farm workers, *see* Farm labor.  
 Farmer Cooperative Service, FCS research reports, 12514  
 Farmers, National Farmers Union (address), 12491  
 Farmers' bulletins, 11948-949

- Farmers Home Administration :  
farmers home insured notes, investors' opportunity, 11957  
real estate loans, increase limitation, report, 12226
- Farming, *see* Agriculture.
- Farms :  
concepts involved in defining and identifying, 12494  
vegetable gardens, planning, planting, etc., 11950
- Fatigue of materials, *see* Strains and stresses.
- FBI, *see* Federal Bureau of Investigation.
- FCC, *see* Federal Communications Commission.
- FCS, *see* Farmer Cooperative Service.
- FDA, *see* Food and Drug Administration.
- Federal agencies, *see* Government offices.
- Federal aid, *see* Grants-in-aid.—*also* subjects.
- Federal buildings, *see* Public buildings.
- Federal Bureau of Investigation, special agents, employment outlook, 12698
- Federal civil defense guide, 12043
- Federal Communications Commission, decisions and reports, bound volume, 12519
- Federal credit unions, member accounts, share insurance protection, hearings, 12358
- Federal deposit insurance act, *see* Banks and banking.
- Federal employees, *see* Government officials and employees.
- Federal Government, *see* Government.
- Federal grants to State and local governments, 12922
- Federal Highway Administration :  
Federal laws, regulations, material relating to, 12522  
questionable basis for approving certain auxiliary route segments of interstate highway system, GAO report, 12585
- Federal Home Loan Bank System, interest charges on homes, reduce, report, 12251
- Federal Home Loan Mortgage Corporation, create, report, 12251
- Federal Hospital Insurance Trust Fund, *see* Board of Trustees of Federal Hospital Insurance Trust Fund.
- Federal Housing Administration, FHA regulations, 12525
- Federal item identification guides :  
chain and wire rope, change, 12392  
hose, pipe, and tube fittings, change, 12303  
soaps, change, 12394  
subsistence, change, 12395
- Federal land banks, farm-mortgage loans, statistical study of loans outstanding, 12492
- Federal Maritime Commission, SP series, 12526
- Federal Mediation and Conciliation Service, appropriations, 1971, hearings, 12259
- Federal Metal and Nonmetallic Mine Safety Board of Review, appropriations, 1971, report, 12254
- Federal National Mortgage Association, purchase authority to include secondary market for conventional mortgages, report, 12251
- Federal Old-Age and Survivors Insurance and Disability Insurance Trust Funds, *see* Board of Trustees of Federal Old-Age and Survivors Insurance and Disability Insurance Trust Funds.
- Federal Radiation Council, appropriations, 1971, hearings, 12259
- Federal reserve member banks :  
deposits, interest, regulations, 12535  
reserves of member banks, regulations, 12534
- Federal reserve system, Federal reserve and banking system (remarks), 12532
- Federal Reserve System Board of Governors, regulation series, 12534-535
- Federal specifications, *see* Government supplies.
- Federal supply catalog, *see* Government supplies.
- Federal Trade Commission, economic papers, 1966-69, 12537
- Feed grains, *see* Grain.
- Feely, F. Joseph, III, air pollution report, Federal facilities, metropolitan Detroit air quality control region, 12835
- Feldmann, Hermann F., thermodynamic, electrical, physical, and compositional properties of seeded coal combustion products, 12739
- Feldmeier, Franz C., relief, 12091
- Fellowships, environmental careers, authorize, hearings, 12374
- Fernandez, Jorge R. J. B. M. y, relief, 12307
- Ferromagnetic metals, electron-paramagnon interaction effects in nearly ferromagnetic metals, 12897
- Ferromagnetism, *see* Magnetism.
- FHA, *see* Federal Housing Administration.
- Fiber stresses, *see* Strains and stresses.
- Fibers, fiber aspect ratio, influence on stress-rupture life of discontinuous fiber composites, 12782
- Fields, Roger A., study of accuracy of flight-heating simulation and its effect on load measurement, 12784
- FIIG, *see* Federal Item Identification guides.
- Filaments, tantalum wire, effect of various gases on thermionic emission, 12807
- Finance :  
financial statements—  
Commodity Credit Corporation, 1969, GAO examination, 12574  
Engraving and Printing Bureau Fund, GAO examination, 12573  
Treasurer of United States, GAO examination, 12575  
forest fire control, cooperative financing, 12546  
institutions of higher education, 1968-69, selected statistics, 12504  
State government finances, correction notice, 12039
- Finance Committee, Senate, reports, 12324, 12326, 12338
- Financial assistance, *see* Grants-in-aid.
- Financial statements, *see* Finance.
- Fine arts, *see* Art.
- Finney County, Kans., geohydrology, 12591
- Fins (aircraft) :  
cylindrical, with base surface interaction, radiation heat transfer from, study, 12780
- Firemen (firefighters) :  
District of Columbia, salaries, increase, report, 12199  
employment outlook, 12699
- Fires, *see* Forest fires.
- Fish and fisheries :  
bathysphere for fishery research, 12073  
Black Sea nonelectric fish, electrical discharges and sounds in some species, USSR study, 12656  
commercial fisheries review, separates, 12068-73  
current fishery statistics, CFS series, 12061-65  
Federal aid in fish restoration act, amend, report, 12235  
Fish and wildlife act of 1956, amend—  
hearing, 12280  
report, 12236  
fish and wildlife restoration, Federal aid, report, 12235  
fisheries loan fund extension, report, 12236  
fisheries, surf clam, Atlantic Coast, 12068  
fishery cooperatives in United States, list, 12074  
fishery leaflets, 12074  
fishery marketing development series, 12075



# INDEX

- Fish and fisheries—Continued**  
 fishery products, wholesale dealers, lists—  
 Alabama, 12081  
 Connecticut, 12077  
 Delaware, 12078  
 Florida, 12080  
 Louisiana, 12082  
 North Carolina, 12079  
 Rhode Island, 12076  
 investigating fish mortalities, 12539  
 Middle Atlantic fisheries, annual summary, 12065  
 New Jersey landings, 12063  
 Oregon landings, 12062  
 Pacific marine fisheries compact, amendment, consent of Congress—  
 law, 12138  
 report, 12336  
 pot fishing for giant Alaskan prawn, experimental trawling, 12067  
 seasonal and geographic characteristics in California Current region for jack mackerel, 12071  
 Virginia landings, 12064  
 Washington State landings, annual summary, 12061  
 water resource projects, cost sharing grants, report, 12224  
*see also* names or classes of fish, e.g. Pollack.
- Fisheries.** *see* Fish and fisheries.  
**Fishery products.** *see* Fish and fisheries.  
**Fishing.** *see* Fish and fisheries.  
**Fishing vessels:**  
 construction assistance, increase authorization, law, 12107  
 U.S. fishing fleet improvement act, extend, law, 12107  
**Flags.** American flag 6-cent postage stamp, poster, 12900  
**Flammable fabrics.** *see* Textiles.  
**Flash distillation:**  
 multi-effect multi-stage flash distillation system, analysis and optimization, 12608  
 process, development studies, 12613  
**Flight:**  
 heating simulation and its effect on load measurement, study of accuracy, 12784  
 subsonic jet transport, comparison of several techniques for determining minimum flying speed, 12793  
 training, use of tranquilizer chlordiazepoxide, 11976  
 yaw-rate damper, evaluation of effect on flying qualities of light twin-engine airplane, 12817  
*see also* Aircraft.  
**Flight service stations.** FSS, flight service stations, pioneers of flight safety, 1920–70 history, 12516  
**Flight simulation.** *see* Simulation.  
**Florida:**  
 electric rate book, 12527  
 fishery products, wholesale dealers, list, 12080  
 pollution of interstate waters and intrastate portions of Escambia River basin, conference proceedings, 12538  
**Flow:**  
 directional-mean-free-path method for gas flow in translational nonequilibrium, study, 12785  
 forced-flow electrodesalination, 12611  
 inviscid radiating shock layers, stagnation-point solutions, 12791  
 supersonic conical flows, analysis, 12815  
**Flue dust.** fly ash increases resistance of concrete to sulfate attack, 12910  
**Fluids, and mixtures.** equilibrium critical phenomena, comprehensive bibliography with key-word descriptors, 12844  
**Fluorspar.** acid grade, disposal from national and supplemental stockpile, law, 12143  
**Fly ash.** *see* Flue dust.  
**Flying.** *see* Flight.
- Food:**  
 donation programs, Agriculture Dept., 11954  
 food in your life, research in USDA, picture story, 11960  
 nutritive value, 11952  
*see also* Food poisoning.  
**Food and Drug Administration:**  
 FDA publications, 12542–543  
 FDA's science project series, 12543  
 how FDA works for you, 12542  
**Food poisoning, foodborne outbreaks,** annual summary, 12353  
 Food stamps to end hunger, 11956  
**Foote, Richard J.,** concepts involved in defining and identifying farms, 12494  
**Footnote,** journal of HEW Audit Agency, 12594  
**Forage plants,** 7 browse species, seasonal distribution of nutrients in Louisiana, 12566  
**Force and energy:**  
 neutron pseudo-resonance parameter chains in unresolved energy region DAISY, efficient program for production, 12802  
 range in metals and metal oxide systems of heavy ions in energy range 60 to 400 KEV, 12746  
**Forced-flow electrodesalination,** 12611  
**Ford, William F.,** systematic method of calculating reduced matrix elements of single-particle operators, 12811  
**Ford's Theatre,** designate as Ford's Theatre National Historical Site, law, 12115  
**Ford's Theatre National Historical Site,** establish, law, 12115  
**Forecasts.** *see* Weather forecasts.  
**Foreign Affairs Committee, House:**  
 hearings, 12270–271, 12273  
 report, 12272  
**Foreign Agricultural Service,** special reports, lists, 12544  
**Foreign agriculture.** *see* Agriculture.  
**Foreign bank secrecy.** hearings, 12359  
**Foreign claims.** *see* Claims.  
**Foreign countries:**  
 bank accounts and use of foreign financial facilities, by U.S. citizens, require report, hearings, 12359  
 economic data for less developed countries, 12618  
 U.S. economic policy for 1970's toward developing countries, hearings, 12156  
**Foreign currencies.** *see* Money.  
**Foreign policy.** *see* International relations.  
**Foreign Relations Committee, Senate:**  
 hearings, 12364  
 report, 12341  
**Foreign Service,** embassy sites, agreement with Union of Soviet Socialist Republics, 12942  
**Foreign Service Institute:**  
 basic language courses—  
 Cambodian, 12935  
 Cantonese, 12938  
 Lao, 12938  
**Foreign trade.** *see* Commerce.  
**Foreign Trade Zones Board,** annual report, 12545  
**Forest fires:**  
 cooperative control program, financing Federal, State and private funds, 12546  
 historically great fires, climate conditions preceding in North Central region, 12560  
 1969 wildfire statistics, 12569  
**Forest management,** 20 years of intensive uneven-aged management, effect on growth, yield, species composition in 2 W. Va. hardwood stands, 12564  
**Forest pest leaflets,** 12547–548  
**Forest Service:**  
 research notes, 12550–559  
 research papers, 12560–566  
 resource bulletins, 12567–568



Forest thinning, incidental thinning in red pine plantations, 12561  
 Foresters, conservation occupations, employment outlook, 12682  
 Forestry, *see* Forests and forestry.  
 Forests and forestry:  
   forestry aids, conservation occupations, employment outlook, 12682  
   research notes, 12550-559  
   research papers, 12560-566  
   resource bulletins, 12567-568  
   *see also* Timber.  
 Fort Necessity National Battlefield, ground cover study, 12869  
 Fort Peck Reservation, Sioux Tribe, judgment funds, disposition, law, 12111  
 Fort Stanwix, N.Y., construction and military history, 12864  
 FORTRAN, *see* Computer programs/programming.  
 Foundries, iron and steel, census of manufacture funds, 1967, industry statistics, 12006  
 Fourier's coefficients, *see* Coefficients.  
 Foxworthy, Bruce L., hydrologic conditions and artificial recharge through well in Salem Heights area of Salem, Oreg., 12590  
 Fractographs, electron, fatigue-crack growth under simple variable-amplitude loading, investigation, 12775  
 Fracture, *see* Fracture of metals.  
 Fracture of metals:  
   fracture toughness—  
     structural metals, 12893  
     structural steels, 12891  
   12-5-3 maraging steel plate, characterization of TIG welds with application of new scaling method for KIC plasticity, 12895  
 Franks, Keum Ja, relief, 12172  
 Freedom of the seas, territorial sea boundaries, hearings, 12264  
 Freight forwarders, air freight forwarders certification, hearing, 12278  
 French, Robert R., socioeconomic aspects of mining in selected cities, urbanization and surface mining, Atlanta, Ga., 12741  
 Frisch, Harold P., coupled thermally-induced transverse plus torsional vibrations of thin walled cylinder of open section, 12826  
 Frost, Clyde M., hydrosulfurization of residual fuel from Wilmington, Calif. crude oil, 12747  
 Frost, L. W., synthesis of pyrrene polymers, 12761  
 Frost, direct reading frost gage is reliable, inexpensive, 12553  
 Frozen foods, locker cooperatives with or without slaughtering facilities, production and performance, 12514  
   *see also* names or classes of foods frozen.  
 FSS, flight service stations, pioneers of flight safety, 1920-70 history, 12516  
 FTC, *see* Federal Trade Commission.  
 Fuel, residual, hydrosulfurization, from Wilmington, Calif. crude oil, 12747  
 Fuel cells, *see* Electric batteries.  
 Fuel tanks, *see* Tanks (containers).  
 Fullar, Josefa P. A., relief, 12096, 12301  
 Full opportunity act, *see* Social work and problems.  
 Fulton County, Ohio, community profile, 12443  
 Functions (mathematics), *see* Logarithms—Mathematics.  
 Funds:  
   Land and water conservation fund act of 1965, amend—  
     hearing, 12367  
     report, 12213  
   pension funds, investment policies, hearings, 12157  
   *see also* subjects for which funds are used.  
 Furniture, interior furnishings, bibliographies on fabric flammability, 12845

G

G.A.O., *see* General Accounting Office.  
 Gages, direct reading frost gage is reliable, inexpensive, 12553  
 Gall rust, eastern, description control etc., 12548  
 Gallagher, Robert J., investigation of digital simulation of XB-70 inlet and its application to flight-experienced free-stream disturbances at Mach numbers of 2.4-2.6, 12798  
 Gallia County, Ohio, community profile, 12444  
 Galvin, Cyril J., jr., breaker travel and choice of design wave height, 12509  
 Gamma rays, spatial capture distributions in resonance absorbers, estimation, 12783  
 GAO, *see* General Accounting Office.  
 Garden Grove, Calif., area wave survey, 12708  
 Gardening, *see* Gardens.  
 Gardens:  
   home and garden bulletins, 11950-952  
   suburban and farm vegetable gardens, planning, planting, etc., 11950  
 Garrison Diversion Unit, *see* Missouri River Basin project.  
 Gas:  
   directional-mean-free-path method for gas flow in translational nonequilibrium, study, 12785  
   natural gases, analyses, 12740  
   systems, piecewise ergodic problem, 12892  
 Gas dynamics, gas systems, piecewise ergodic problem, 12892  
 Gases:  
   gaseous atmospheres, method of weighing an object to obtain its true mass and volume, 12745  
   high-temperature, kinetics and thermodynamics, conference proceedings, 12768  
   pulmonary gas exchange, etc., during saturation-exursion diving to pressures equivalent to 800 and 1000 feet of seawater, 12735  
   rarefield diffusion by model sampling, 12786  
   various, effect on thermionic emission of tantalum wire filaments, 12807  
 Gates County, N.C., community profile, 12445  
 Genealogy, records outside National Archives, 12840  
 General Accounting Office:  
   appropriations, 1971, legislative, report, 12351  
   Comptroller General decisions, July 1, 1968-June 30, 1969, bound volume, 12570  
   publications, list, 12571  
 General Services Administration, Administrator, in conjunction with National Archives, disposal of Government records, annual report to Congress, proposal, law, 12114  
 Geodesists, Soviet, international relations, 12642  
 Geographers, employment outlook, 12689  
 Geography and History, Pan American Institute of, *see* Pan American Institute of Geography and History.  
 Geohydrology, *see* Hydrogeology.  
 Geological Survey:  
   bulletins, 12587-588  
   professional paper, 12589  
   water supply papers, 12590-593  
 Geology, *see* Hydrogeology—Pre-Cambrian period.  
 Georgia:  
   census of business, retail trade, merchandise line sales, 11990  
   county business patterns, 12022  
   small watershed projects, program, hearing, 12382  
 Germination, yellow and paper birch seeds after 8 years storage, 12551

# INDEX

- Gibson, A. E., remarks, July 22, 1970, 12728  
 Gift tax, *see* Inheritance and transfer tax.
- Ginnaty, Thomas P., jr., veneer-log production and receipts, North Central region, 12568
- Ginnings, Defoe C., precision measurement and calibration, selected papers on heat, 12843
- Glass, Ronald W., negotiation impasse, grievance and arbitration in Federal agreements, 12715
- Glass, products, census of manufactures, 1967, industry report, 12005
- Glass fibers, glass filament-wound, pressure vessels, static and dynamic fatigue behavior at ambient and cryogenic temperatures, 12794
- Glaziers, employment outlook, 12700
- Gloss, Blair B., determination of inflated shape and inertial properties of all-flexible parawing, 12821
- Glossaries, cloth coating imperfections, military standard, 12398
- Gloves, leather, census of manufactures, 1967 industry report, 12004
- Goals and Priorities Analysis Office, establish, report, 12348
- Godfrey, Richard G., stream dispersion at selected sites, 12589
- Godman, Richard M., sprouting potential of dormant buds on bole of pole-size sugar maple, 12552
- Going abroad? Important message from Pestina, 11958
- Gold, gold and silver content manufactured articles, misrepresentation of quality, provide civil remedy, report, 12205
- Golden Eagle Program, *see* Operation Golden Eagle.
- Government:  
 census, 1967, government finances, 12039  
 emergency, suggestions for including civil defense principles in social studies curriculum, grades 1-12, 12046  
 Federal role in education reform (address), 12500  
 State and local, Federal grants, 12922  
 State, education directory, 12498  
 State government finances, correction notice, 12039
- Government contracts:  
 contracting for construction and architect-engineering services, for Atomic Energy Commission, 11975  
 negotiated defense contracts, establish uniform accounting standards, hearings, 12267
- Government offices:  
 independent offices, appropriations, 1971, report, 12328  
 Legislative reorganization act of 1970, improve legislative branch, report, 12206  
 negotiation impasse, grievance, and arbitration in Federal agreements, 12715  
 records and papers, disposal, amend U.S. Code, law, 12114  
 take a giant step, go Government, typists, stenographers, office jobs, 12048
- Government offices reorganization, *see* Government reorganization plans:
- Government officials and employees:  
 agency training centers for Federal employees, 12050  
 negotiation impasse, grievance, and arbitration in Federal agreements, 12715  
 off-campus study centers, 12049  
 severance pay, what it is, 12051
- Government Operations Committee, House:  
 hearings, 12274  
 report, 12229
- Government Operations Committee, Senate, hearings, 12365
- Government Printing Office, appropriations, 1971, legislative report, 12351
- Government publications, price lists, Public Documents Division, PL series, 12907
- Government reorganization plans:  
 Environment Protective Agency, establish, message from the President, 12162-163  
 Legislative reorganization act of 1970, improvement legislative branch, report, 12206  
 National Oceanic and Atmospheric Administration, establish, message from the President, 12163
- Government supplies:  
 Federal supply catalog, consolidated master cross reference list, 12396  
 materials provided to overseas contractors, opportunities for improvement in management, GAO report, 12580
- Gradients (mathematics):  
 arbitrary pressure gradients, compressible laminar and turbulent boundary layers in FORTRAN program for calculating, 12772
- Grading of commercial products, *see* names of products.
- Graham, Donald, isotope effect in B zirconium, 12822
- Grain:  
 chipped grain on sycamore, effect of cutting angle and depth of cut on occurrence, 12556  
 growth in world demand for feed grains related to meat and livestock products and human consumption of grain, 12496  
 price formation and price reporting in Italy, 12495
- Grantham, William D., simulator study of coupled roll-spiral mode effects on lateral-directional handling qualities, 12769
- Grants-in-aid:  
 basic water and sewer facilities grants, 12601  
 communicable disease control and vaccination assistance, provide, report, 12242  
 construction of facilities for persons affected by mental retardation and other developmental disabilities, report, 12243  
 Environmental Control Administration, support program, 12512  
 Federal and State student aid programs, compilation, print as Senate document, report, 12190  
 Federal grants to State and local governments, 12922  
 grant and award programs of National Institutes of Health, guide, 12859  
 medical programs, report, 12248  
 National Science Foundation, program guide, 12880  
 nursing student assistance programs, fiscal year 1971, schools participating, 12598  
 to public school education of Indian children, improvement of administration of program, GAO report, 12572  
*see also* subjects for which grants are made.
- Graphite, natural Ceylon amorphous lump, disposal from national and supplemental stockpiles, law, 12150
- Gravel, Alabama gravel, recovery of heavy minerals, 12749
- Gravity:  
 centers of gravity and weights for quaking aspen trees and holes, 12555  
 hemispherically bottomed tanks in normal gravity and in weightlessness, effect on vapor ingestion phenomenon, 12776  
 low gravitational conditions, effect on unstable bubble motion, 12795
- Great Lakes, pilot, survey, 12722
- Great Lakes States:  
 pulpwood production—  
 in north central region by county, 12567  
 plummets by 413,000 cords, 12550
- Greenfeld, Sidney H., interior furnishings, bibliographies on fabric flammability, 12845

Grievance procedures, grievance, negotiation, impasse, and arbitration in Federal agreements, 12715  
 Ground cover study, Fort Necessity National Battlefield, Pa., 12869  
 Ground water, *see* Water.  
 Group medical practice, *see* Medicine.  
 Guaranties and sureties:  
   investment, agreement with Vietnam, 12940  
   loan guaranties, payment by ICC, appropriation request, 12291  
 Guidance systems, *see* Homing guidance.  
 Guide to record retention requirements, 12529  
 Guides, *see* names of departments, etc., issuing guides.  
 Guido, Pedro I., relief, 12103, 12314  
 Gunnery, Marine Corps artillery, annotated bibliography, 12726  
 Gyroscopes, quantum gyroscopy, physical principles, USSR study, 12653

H

Habitability, atomic submarines, USSR study, 12637  
 Haussermann, Walter, Saturn launch vehicle's navigation, guidance, and control system, 12809  
 Hafnium, alloy, T-111 (tantalum-8 tungsten-2 hafnium), survey of properties, 12810  
 Hagermann, Madeline G., education directory, 1969-70, State governments, 12498  
 Haggard, John B., jr., unstable bubble motion under low gravitational conditions, 12795  
 Haida Indians, judgment funds, disposition, report, 12218  
 Hall insurance, economic considerations in crop insurance, 12493  
 Haines, Donald A., climate conditions preceding historically great fires in North Central region, 12560  
 Haiti, invasion, "Project Nassau", CBS network news documentary practices, report, 12252  
 Hall, Albert W., statistical study of normal load factor just prior to ground contact for five light airplanes, 12787  
 Hall, David A., simulated deep submarine escape from 495 feet of sea water, 12736  
 Hall, Maria E. P., relief, 12181  
 Hammond, D. L., effect of sea roughness on bandwidth of radar backscatter, 12889  
 Handbooks, *see* names of departments, etc., issuing handbooks—*also* subjects.  
 Handling qualities, *see* Controllability.  
 Hansen, Susan P., basic data on economy of Uganda, 12060  
 Hanson, Morgan P., static and dynamic fatigue behavior of glass filament-wound pressure vessels at ambient and cryogenic temperatures, 12794  
 Harbors, *see* names of harbors or places where located.  
 Hardwoods:  
   northern—  
     even-aged, estimates of energy utilization, 12557  
     forests, unbalanced even-aged, cutting strategies and timber yields, 12563  
     stands in W. Va., 20 years of intensive uneven-aged management and effects, 12564  
 Harris, Alfred R.:  
   direct reading frost gage is reliable, inexpensive, 12553  
   effect of cutting angle and depth of cut on occurrence of chipped grain of sycamore, 12556  
 Harris, J. Donald, sensory behavior of naval personnel monaural/binaural minimum audible angle of auditory response, 12781

Hatch, Charles E., jr., Thomas Pate House and lot 42 in Yorktown, Colonial National Historical Park, Yorktown, Va., 12875  
 Hawaii:  
   albacore of Hawaiian waters, Thunnus alalunga, 12070  
   county business patterns, 12023  
 Haywood County, N.C., community profile, 12446  
 Head to base transfer function characteristics of cylindrical tank partly filled with liquid, 12804  
 Health:  
   community health services, selected, funded under sec. 314(e) of Public Health Service act, directory, 12085  
   comprehensive health planning programs, extend and improve, hearings, 12279  
   facilities, construction and modernization grants program, extend, veto, 12100  
   Federal coal mine health and safety act of 1969—  
     legislative history, 12269  
     respirable dust sampling requirements, 12742  
   grant and award programs of National Institutes of Health, guide, 12859  
   health resources statistics, 12850  
   Indians, program 1955-70, 12599  
   services improvement act of 1970, hearings, 12279  
   *see also* Medical care.  
 Health center, group medical practice facilities, 12602  
 Health, Education and Welfare Department: appropriations, 1971, report, 12254  
 Audit Agency, journal, Footnote, 12594  
 Health insurance:  
   medicare—  
     for people 65 or older, brief explanation, 12924  
     medical insurance, under social security, handbook, 12925  
 Health Services and Mental Health Administration, need for improved practices for obtaining equitable contributions towards cost of constructing health facilities for Indians, GAO report, 12577  
 Hearing:  
   exposure to intense low frequency tones, effects, 12733  
   underwater, in man, comparison of temporary threshold shifts induced by 3500 Hertz tones in air and underwater, 12732  
 Hearing examiners, examination announcement, 12052  
 Heart diseases:  
   research program, extend and improve—  
     hearings, 12279  
     report, 12248  
 Heartwood, sugar maple, variation in density, 12554  
 Heat:  
   precision measurement and calibration, 12843  
   thermal analysis of spacecraft, including all multiple reflections and shading among diffuse gray surfaces, method to attain greater accuracy, 12824  
 Heat shields, ablation performance of charring ablators during atmospheric entry, simulation in ground-test facilities, 12788  
 Heat transfer:  
   Fourier's law of heat conduction, modifications through use of simple collision model, 12814  
   in 60° half-angle of convergence nozzle with various degrees of roughness, 12816



# INDEX

- Heat transfer—Continued  
 radiation heat transfer from cylindrical fin with base surface interaction, study, 12780  
 stagnation-point solutions for inviscid radiating shock layers, 12791
- Heating:  
 flight-heating simulation and its effect on load measurement, study of accuracy, 12784  
 laser heating of ionized helium, 12792  
 sensory behavior of naval personnel monaural/binaural minimum audible angle of auditory response, 12731
- Heavy minerals, *see* Minerals.
- Heinrich, Kurt F. J., classical theory of quantitative electron probe microanalysis, 12847
- Helium:  
 helium and carbon dioxide mixtures at  $-10^{\circ}$  and  $-20^{\circ}$  C and pressures to 1,000 PSIA, 12744  
 ionized, laser heating, 12792  
 kinetic electron temperature measurement techniques, 12806
- Henderson County, N.C., community profile, 12447
- Herring, brit herring along Maine's coast, 12072
- Hersch, Martin, optical study of sonic and supersonic jet penetration from flat plate into Mach 2 airstream, 12778
- Heslin, Thomas M., effect of various gases on thermionic emission of tantalum wire filaments, 12807
- HEW, *see* Health, Education, and Welfare Department.
- Higgins, E. Arnold, blood alcohol concentrations as affected by combinations of alcoholic beverage dosages and altitudes, 11981
- Higher education, *see* Colleges and universities.
- Highway construction, *see* Roads and highways.
- Highway safety, *see* Safety of life.
- Highways, *see* Roads and highways.
- Hijacking, *see* Air piracy.
- Hills, Tae P., relief, 12175
- Hirsch, Hans G., grain price formation and grain price reporting in Italy, 12495
- Historians, employment outlook, 12689
- Historic American Buildings Survey:  
 catalog, buildings, District of Columbia, 12867  
 records, buildings—  
   Charleston and South Carolina low country, 12872  
   Maryland, 12873  
 subjects, checklist, 12863
- Historic sites:  
 Charleston and South Carolina low country, records, 12872  
 checklist of subjects, 12863  
 District of Columbia, catalog, 12867  
 Maryland, records, 12873  
*see also* names of historic sites.
- Historic structures report (series), 12870
- History, *see* subjects.
- History and Geography, Pan American Institute of, *see* Pan American Institute of Geography and History.
- Hodgson, James D., address, June 12, 1970, 12657
- Home economics, home and garden bulletins, 11950-952
- Home economists, employment outlook, 12683
- Home rule, District of Columbia, hearings, 12268
- Homemaking, *see* Home economics.
- Homes, *see* Housing.
- Homing guidance, Saturn launch vehicle's guidance system, description and performance, 12809
- Hood River County, Oreg., relief, report, 12337
- Horses, horse safety guidelines, 12520
- Hose, Federal item identification guide, change, 12393
- Hospital attendants, employment outlook, 12671
- Hospital Insurance Trust Fund, *see* Board of Trustees of Federal Hospital Insurance Trust Fund.
- Hospitals:  
 hospital and health facilities, construction and modernization grants program, extend, veto, 12160  
 isolation techniques, 12854  
 medical facilities construction and modernization amendments of 1970, veto, 12160  
 special departments and programs in field of family practice, grants to establish, hearings, 12375  
*see also* Veterans hospitals.
- Hours of labor:  
 union—  
   building trades, 12716  
   local truckdrivers and helpers, 12717
- House Administration Committee, House, reports, 12184, 12190-194  
 House documents, 12158-163
- House of Representatives:  
 appropriations, 1971, legislative, report, 12351  
 candidates, campaign expenditures, special committee to investigate, appoint, report, 12197  
 documents, 12158-163  
 reports—  
   private bills, 12164-183  
   public bills, 12184-256  
   Rules, amend, report, 12196
- House reports:  
 private bills, 12164-183  
 public bills, 12184-256
- House Where Lincoln Died, designate as Ford's Theatre National Historical Site, law, 12115
- Household goods, interior furnishings, bibliographies on fabric flammability, 12845
- Household workers, *see* Servants.
- Housing:  
 characteristics of new one-family homes, 1969, construction reports, 12015  
 Emergency community facilities act of 1970, report, 12232  
 Emergency home finance act of 1970, report, 12251  
 Housing and urban development act of 1965, title 7, amend, report, 12232  
 housing and urban development legislation of 1970, hearings, 12266  
 legislation for 1970, proposals, hearings, 12266  
 low-rent housing, administration of program handbook, transmittal, 12606  
 sales of new one family homes, construction, reports, 12015
- Housing and Urban Development Department:  
 appropriations, 1971, report, 12328  
 HUD handbooks, 12603-606  
 interagency committees in which HUD participates, inventory, 12807  
 Houston, Tex., area wage survey, 12710
- How FDA works for you, 12542
- HUD, *see* Housing and Urban Development Dept.
- Hudson, C. Michael, investigation of fatigue-crack growth under simple variable-amplitude loading, 12775
- Human resources, *see* Ability.
- Hunger, food stamps to end hunger, 11956
- Hurricanes, Camille, disaster relief, Federal response, hearings, 12381
- Huseonika, William F., numerical evaluation of preliminary orbit evaluation methods, 12770

Hydrodesulfurization, *see* Desulfurization.  
 Hydrodynamics:  
   hydrodynamic journal bearing test and analysis, 12756  
   hydrodynamic lubrication, transient journal bearing analysis, 12760  
 Hydrogeology, geohydrology of Finney County, southwestern Kansas, 12591  
 Hydrology, *see* Water.

I

I.R.S., *see* Internal Revenue Service.  
 ICC, *see* Interstate Commerce Commission.  
 Iceland, United States marines in Iceland, 12727  
 Idaho, census of business, 1967, retail trade, merchandise line sales, 11991  
 Identification, concepts involved in defining and identifying farms, 12494  
 IFR, *see* Instrument flight rules.  
 Illinois:  
   apples, marketing order authority, extend, report, 12223  
   census of business, 1967, retail trade, merchandise line sales, 11992  
 Immersion, submarine escape and immersion equipment, open sea surface evaluation, 12734  
 Immigration and emigration:  
   Immigration and nationality act—provisions applicable to Bonin Island inhabitants, 12100, 12302  
   amend—  
     law, 12136  
     report, 12329  
 Immunity (legal), *see* Witnesses.  
 Immunology, immunological mechanisms of drug side effects, USSR study, 12623  
 Imports, *see* names or classes of articles imported.  
 Income, Negro community (address), 12531  
   *see also* subject from which income is derived.  
 Income tax, State tax withholding for interstate transportation employees, exempt, report, 12201  
 Independence National Historical Park, acquisition of property, authorize funds, law, 12119  
 Independent offices, *see* Government offices.  
 Indexes, diabetes literature, 12856  
 India, trade goods, Indian chintz in collection of Cooper-Hewitt Museum of Decorative Arts and Design, study, 12917  
 Indian Affairs Bureau, administration of program for aid to public school education of Indian children, improvement, GAO report, 12572  
 Indiana:  
   county business patterns, 12024  
   small watershed projects, program, hearing, 12382  
 Indians:  
   health program, 1955-70, 12599  
   Indian children, aid to public school education, improvement of administration of program, GAO report, 12572  
   sanitary facilities, need to improve practices for obtaining equitable contributions toward cost of constructing, GAO report, 12577  
   *see also* names of reservations or tribes.  
 Indicators, mercury electrochemical coulometer as battery state-of-charge indicator, 12789  
 Industrial College of Armed Forces:  
   catalog, 12619  
   National Security Seminar, 1970-71 prospectus, 12620  
 Industrial plants, *see* Plants (Industrial).  
 Industrial safety, *see* Safety of life.  
 Industrial services handbook, 12948

Industry:  
   special machinery, except metalworking machinery, census of manufactures, 1967, industry statistics, 12007  
   trade and industry publication, 11966-968  
   *see also* names of industries.  
 Inertia:  
   apparent mass and moment of inertia of large disk suspended as pendulum at different air densities, experimental determination, 12319  
   inertial properties of all-flexible parawing, determination, 12821  
 Infants, centers of gravity, determination, 11977  
 Infectious diseases, *see* Contagion and contagious diseases.  
 Information bulletins, *see* names of departments, etc., issuing bulletins.  
 Information requirements for supersonic transport operations, 12764  
 Information storage and retrieval systems, toward uniform information system, USSR study, 12632  
 Ingestion, vapor, phenomenon in hemispherically bottomed tanks in normal gravity and in weightlessness, 12776  
 Inheritance and transfer tax, looseleaf regulations system, 12616  
 Inlets, *see* Air inlets (aircraft).  
 Insects, potato control, methods, 11949  
 Installations (military):  
   replacement and relocation, creation of defense facilities fund, draft of bill to authorize, hearings, 12261  
 Institute for Telecommunication Sciences, ESSA technical report, ERL-ITS series, 12513  
 Institutions, institutional meat purchase specifications, approved by USDA, fresh lamb and mutton, 12386  
 Instrument flight rules, enroute IFR air traffic survey, peak day, 12515  
 Instrument flying, attitude instrument flying, 11973  
 Insurance:  
   Federal share insurance for Federal and State credit unions member accounts, hearings, 12358  
   Veterans Administration, policy loans, need for specific criteria for adjusting interest rate charged, GAO report, 12579  
 Inter-Agency Committee, Youth Conservation Corps, *see* Youth Conservation Corps Inter-Agency Committee.  
 Inter-American Development Bank, U.S. participation, foreign policy implications, hearings, 12271  
 Interest and usury:  
   charge on insurance policy loans by Veterans Administration, need for specific criteria for adjusting, GAO report, 12579  
   interest on deposits, Federal reserve regulations, 12535  
 Interest rates, *see* Interest and usury.  
 Interference drag, *see* Drag (aerodynamics).  
 Interior and Insular Affairs Committee, House:  
   hearings, 12275-276  
   reports, 12210, 12213, 12230, 12240-241  
 Interior and Insular Affairs Committee, Senate:  
   hearings, 12366-368  
   reports, 12292, 12320-323, 12343-345, 12349-350, 12355  
 Interior Department:  
   appropriations, 1971, reports, 12207, 12254  
   saline water research and development progress reports, 12608-614

# INDEX

- Internal Revenue Service:  
 career opportunities, taxation, 12615  
 looseleaf regulations system estate and gift tax, 12616
- Internal Security Committee, House, committee print, 12277
- International agreements, treaties and other international agreements, 12943
- International Bank for Reconstruction and Development, United States participation, increase, hearing, 12364
- International Development Agency, need for increased control over local currency made available to Vietnam Republic for support of its military and civil budgets, GAO report, 12578
- International Monetary Fund, United States participation, increase, hearing, 12364
- International organizations, international organizations series, 12937
- International perspectives, economics of aging, 12356
- International postal service, foreign postal debts owed to United States, report, 12229
- International relations:  
 foreign economic policy for 1970's, U.S. policies toward developing countries, hearings, 12156  
 U.S. participation in Inter-American Development Bank, foreign policy implications, hearings, 12271
- Interparliamentary Group, Canada-United States, *see* Canada-United States Interparliamentary Group.
- Interstate agreements:  
 Pacific marine fisheries compact, amendment, consent of Congress—  
 law, 12138  
 report, 12336
- Interstate and Foreign Commerce Committee, House:  
 hearings, 12278-279  
 reports, 12200, 12217, 12228, 12237, 12243, 12252
- Interstate commerce act, *see* Commerce.
- Interstate Commerce Commission, appropriation 1971, amendment, proposal, 12291
- Intoxication, *see* Alcoholism.
- Inventories, interagency committees in which HUD participates, 12607
- Inverters, high-efficiency power inverter, development and evaluation, 12813
- Investments:  
 guaranties, agreement with Vietnam, 12940  
 pension funds, investment policies, hearings, 12157
- Investors, Farmers Home insured notes, investors' opportunity, 11957
- Inviscid flow, *see* Flow.
- Ions, heavy, in energy range 60 to 400 KEV range in metals and metal oxide systems, 12746
- Iowa, county business patterns, 12025
- Iron foundries, census of manufactures, 1967, industry statistics, 12006
- Irons, Frank, hand sprayers and dusters, 11951
- Irrigation projects, *see* names of projects.
- IRS, *see* Internal Revenue Service.
- Irwin, William P., mineral resources of Agua Tibla Primitive Area, Calif., 12588
- Isle Royal National Park, general information, 12871
- Isolation, techniques for use in hospitals, 12854
- Isotopes, isotope effect in B zirconium, 12822
- Israel, agricultural commodities, agreement, 12941
- Italy, grain price formation and reporting, 12495
- ITS, *see* Institute for Telecommunication Sciences.
- Jaggi, R. Krishan, stability of electron beam injected into space, 12803
- Jarvis, Calvin R., evaluation of effect of yaw-rate damper on flying qualities of light twin-engine airplane, 12817
- Jech, Robert W., influence of fiber aspect ratio on stress-rupture life of discontinuous fiber composites, 12782
- Jet aircraft, *see* Aircraft.
- Jets, sonic and supersonic jet penetration from flat plate into Mach 2 airstream, optical study, 12778
- Jewelry:  
 census of manufactures, 1967, industry statistics, 12011  
 gold and silver content manufactured articles, misrepresentation of quality, provide civil remedy, report, 12205
- Jobs, *see* Civil Service—Employment—Occupations—Training.
- Johnny Horizon, unauthorized manufacture and use of character, prevent, report, 12349
- Joint Publications Research Service, JPRS series, 12622-656
- Jones, Roseanne, relief, 12102, 12313
- Jordan, John W., task scheduling for real time multiprocessor, 12790
- Journals, Footnote, HEW Audit Agency, 12594
- Journals (machinery), *see* Bearings (machinery).
- JPRS series, 12622-656
- Judiciary Committee, House, reports, 12164-183, 12189, 12198, 12200, 12216
- Judiciary Committee, Senate:  
 committee print, 12369  
 hearings, 12370-371  
 reports, 12293-317, 12320, 12331-337

## K

- Katan, J., factors affecting performance of porous structures used as oxygen fuel cell electrodes, 12767
- Kelly Air Force Base, Tex., Air Force civilian employees, overpayments of salaries, relief, 12165
- Kelsey, Eugene L., development and evaluation of high-efficiency power inverter, 12813
- Kennedy, Marjorie D., confectionery manufacturers' sales and distribution, 11983
- Kennison, David L., relief, 12167
- Kentucky:  
 census of business retail trade, merchandise line sales, 11993  
 county business patterns, 12026
- Kessler, Doyné W., experimental trawling and pot fishing for giant Alaskan prawn, 12067
- Keum Ja Kim, *see* Franks, Keum Ja.
- Keum Jo Kim, *see* Franks, Keum Ja.
- Kidney Disease and Kidney-Related Diseases Office, establish, report, 12248
- Kidneys:  
 research program, extend and improve—  
 hearings, 12279  
 report, 12248
- Kler, David A., flight comparison several techniques for determining minimum flying speed for large subsonic jet transport, 12793
- Klem, Keum Ja, *see* Franks, Keum Ja.
- Kim, Keum Jo, *see* Franks, Keum Ja.
- Kimball Bros., Lumber Co., relief, 12101, 12303
- Kinetics:  
 and thermodynamics of high-temperature gases, conference proceedings, 12768  
 kinetic electron temperature measurement techniques for helium, 12806



Kirk, R. Gordon, transient journal bearing analysis, 12760  
 Kirsch, Ok Yon, relief, 12173  
 Klawitter, Ralph A., does bedding promote pine survival and growth on ditched wet sands? 12558  
 Klein, David, causation, culpability and deterrence in highway crashes, 12949  
 Klotz, Benjamin P., productivity analysis in manufacturing plants, 12661  
 Korea, North Korean, Central Yearbook, 1966-67, excerpts, 12639  
 Kramer, David, seasonal and geographic characteristics of fishery resources, California Current region jack mackerel, 12071  
 Krec, Frank J., citizenship, confer post-humously, 12176  
 Kueser, P. E., high temperature (800°-1600°) magnetic materials, 12752  
 Kuncek, Joeck, relief, 12094, 12309  
 Kyung Ae Oh, *see* Oh, Kyung Ae.

L

L-Dopa, *see* Levo-Dihydroxyphenylamine.  
 L series, 12044  
 Labor:  
     American, history of movement, 12662  
     defense-related workers, skills and location, 12720  
     monthly labor review, reprint, 12720  
     why not be an apprentice? and become a skilled craftsman, 12953  
     *see also* Hours of Labor—Migrant Labor—Wages.  
 Labor and Public Welfare Committee, Senate:  
     committee prints, 12373, 12376  
     hearings, 12372, 12374-375, 12377-379  
     investigations and studies, research activities to ascertain causes and develop cures to eliminate cancer, authorization, report, 12318  
     reports, 12330, 12339, 12348  
 Labor Department:  
     appropriations, 1971, hearings, 12259  
     safety training programs—  
         occupational safety aids, OSA LS series, 12653-659  
         safe work guide, SWG LS series, 12660  
 Labor management relations, *see* Industrial relations.  
 Lake States, *see* Great Lakes States.  
 Labor Statistics Bureau:  
     BLS staff papers, 12661  
     bulletins, 12662-718  
     long-range manpower requirements, pilots and mechanics in civil aviation, 1967-77, study, 12707  
 Labor unions:  
     American labor movement, history, 12662  
     wages and hours, local truckdrivers and helpers, 12717  
 Laboratories, directory of Federal R & D installations, report to Federal Council for Science and Technology, 12379  
 LaFleur, Philip D., Activation Analysis Section, summary of activities, 12346  
 Lake Tahoe, Toiyabe National Forest, boundary extension, report, 12241  
 Lakes, *see* names of lakes.  
 Lamb, Fred M., variation in density of sugar maple sapwood and heartwood, 12554  
 Lamb:  
     fresh, USDA institutional purchase specifications, 12386  
     USDA yield grades, description, etc., 11953  
 Laminar boundary layer, *see* Boundary layer.  
 Land:  
     Laud and water conservation fund act of 1963, amend,—  
         hearing, 12367  
         report, 12213

Land—Continued  
     private and public ownership of lands, differentiation, Federal reclamation laws, acreage limitation amendments, law, 12133  
     use, national policy, provide, hearings, 12363  
 Land and Water Resources Planning Council, establish, hearings, 12368  
 Land banks, *see* Federal land banks.  
 Land Management Bureau,  
     "Johnny Horizon" character, prevent unauthorized manufacture and use, report, 12349  
 Landfills, *see* Refuse.  
 Landing (aircraft):  
     normal load factor just prior to ground contact for five light airplanes, statistical study, 12787  
     pilot scanning and control behavior during simulated instrument approaches, measurement and analysis, 12759  
 Landing (spacecraft), *see* Spacecraft.  
 Landscape architects, employment outlook, 12684  
 Lange, E. A., fracture toughness of structural metals, 12393  
 Language and languages, *see* names of languages.  
 Lao language, Foreign Service Institute, basic course, 12938  
 Lasers:  
     biological effects of laser radiation, USSR study, 12633  
     electrical noise in GaAs diode lasers, 12888  
     laser heating of ionized helium, 12792  
 Launch vehicles, *see* Spacecraft.  
 Law:  
     legal problems affecting older Americans, working paper, 12357  
     slip laws (private), 91st Congress, 12091-12103  
     slip laws (public), 91st Congress, 12104-154  
     *see also* Codes of Law—International law—*also* subjects.  
 Law enforcement:  
     assistance amendments, reports, 12189, 12212  
     Omnibus crime control and safe streets act of 1968, amend, reports, 12189, 12212  
 Laws, *see* Codes of law—*also* subjects.  
 Lawyers, employment outlook, 12685  
 Leaflets, *see* names of departments, etc., issuing leaflets—*also* subjects.  
 Leak, William B.:  
     cutting strategies & timber yields for unbalanced even-aged northern hardwood forests, 12563  
     estimates of energy utilization in even-aged northern hardwoods, 12557  
 Leaks, vacuum leakage tests of simulated lightweight spacecraft air lock, 12808  
 Learning, self-study course in FORTRAN programming, textbook, 12753  
 Leases, SBA lease guarantee, Old Dominion Sugar Corp., hearings, 12285  
 Leather goods, *see* Leather, hides and skins.  
 Leather, hides and skins:  
     miscellaneous leather goods, census of manufactures, 1967, industry report, 12004  
     tanning, industrial leather goods, census of manufactures, 1967, industry statistics, 12003  
     tanning materials, duty free status, extend, report, 12324  
 Leave of absence, uniformed service members voluntarily extending tour of duty in hostile fire area, special 30-day period of leave, extend, authorization, law, 12126  
 Lee County, N.C., community profile, 12448  
 Legal services, *see* Law.

# INDEX

- Legislation, Legislative reorganization act of 1970, improve legislative branch, report, 12206  
*see also* subjects.
- Legislative appropriations, *see* Appropriations.
- Legislative Reference Service, Library of Congress, technology assessment services, hearings, 12283
- Legislative reorganization act, *see* Congress of the United States.
- Leni, Maria P., relief, 12297
- Lenin, Vladimir I., Lenin Centennial, statements by Ukrainian academicians, 12648
- Leninism, *see* Communism.
- Lenoir County, N.C., community profile, 12449
- Letters, transporting military mail from Okinawa to points in Southeast Asia, reductions achieved in cost, Defense Department, GAO report, 12586
- Levo-Dihydroxyphenylalanine:  
 L-Dopa, suspension of duty—  
 law, 12132  
 report, 12326
- Lewis, Richard L., recursion formula for logarithmic derivatives of spherical Bessel functions in complex plane, 12513
- Librarians, employment outlook, 12686
- Libraries, public, serving areas with at least 25,000 inhabitants, 1963, statistics, 12505
- Library assistants, library technicians, employment outlook, 12686
- Library of Congress:  
 appropriations, 1971, legislative, report, 12351  
 classification, class N, fine arts, 12723  
 music and phonorecords, 12724  
 policing of buildings and grounds, amend act, law 12109  
 purchase of office equipment and furniture, transfer authority from Architect of Capitol to Librarian of Congress, law, 12108
- Libya, plant quarantine import requirements, 11942
- Lie series, *see* Algebra.
- Lights and lighting, *see* Electricity.
- Limitations (law):  
 private and public ownership of lands, differentiation, Federal reclamation laws, acreage limitation amendments, law, 12133
- Lincoln Museum, designate as Ford's Theatre National Historical Site, law, 12115
- Linear systems, linear, homogeneous systems, conservation laws, 12779
- Lines, *see* Electric lines.
- Liquids, cylindrical tank partly filled with liquid, head to base transfer function characteristics, 12604
- Liquors, alcoholic beverage dosages and altitudes, how combinations affect blood alcohol concentrations, 11981
- Lists, *see* subjects of lists.
- Livestock, animal industry, publications, price list, 12307
- Livestock products, *see* Animal products.
- Load (mechanics):  
 fatigue-crack growth under simple variable amplitude loading, investigation, 12775  
 load measurement, accuracy of flight-heating simulation and its effect, study, 12784  
 normal load factor just prior to ground contact for 5 light airplanes, statistical study, 12787  
 pilot's weight and balance handbook, 12541
- Loader, Maurice, and wife, relief, 12304
- Loading, *see* Load (mechanics).
- Loans:  
 Alaska, reconstruction of areas damaged by earthquakes, report, 12230  
 Farmers Home Administration real estate loans, increase limitation, report, 12226  
 fisheries loan fund extension, report, 12236
- Loans—Continued  
 loaning of money and interest rates under D.C. cooperative association act, exempt from D.C. laws, report, 12346
- Veterans Administration insurance policy loans, need for specific criteria for adjusting interest rate charged, GAO report, 12579  
*see also* Mortgages.
- Lobbying, practices affecting House of Representatives, amend House rules, report, 12196
- Local government, *see* Government.
- Lockers, frozen food locker cooperatives with and without slaughtering facilities, production and performance, 12514
- Locust borers, description, control, etc., 12547
- Locust trees, locust borer injury, control, etc., 12547
- Logarithms, recursion formula for logarithmic derivatives of spherical Bessel functions in complex plane, 12513
- Logging, *see* Lumbering.
- Logs, veneer-log production and receipts, north central region, 12568
- Long Beach, Calif., area wage survey, 12708
- Long Island, N.Y., oyster culture in Long Island Sound, 12069
- Los Angeles, Calif., area wage survey, 12708
- Louisiana:  
 coastal area, fishery products, wholesale dealers, list, 12082  
 county business patterns, 12027  
 seasonal distribution of nutrients in plants of 7 browse species, 12566
- Lorenzo, Carl F., head to base transfer function characteristics of cylindrical tank partly filled with liquid, 12804
- Low-rent housing, *see* Housing.
- Low Yin, *see* Yin, Low.
- Low Ying, *see* Yin, Low.
- LRS, *see* Legislative Reference Service.
- Lubricants, antiwear and extreme-pressure additives in synthetic paraffinic lubricant on ball spinning torque, effects, 12797
- Lubrication, hydrodynamic lubrication, transient journal bearing analysis, 12760
- Luggage, *see* Baggage.
- Lumbering:  
 cutting angle and depth of cut, effect on occurrence of chipped grain on sycamore, 12556  
 logging camps, census of manufactures, 1967, industry report, 12001
- Luzader, John F., construction and military history of Fort Stanwix, 12864

## M

- McBeth, Kenneth E., logging camps, saw-mills, and planing mills, 12001
- McCreary County, Ky., soil survey of McCreary-Whitley area, 12927
- Machinery:  
 designers of machinery not materially stimulated, USSR study, 12638  
 special industry, except metalworking machinery, census of manufactures, 1967, industry statistics, 12007.
- McKee, Harley, J., records of buildings in Charleston and South Carolina low country, 12872
- MacKenzie, Clyde L., jr., oyster culture in Long Island Sound, 12069
- Mackerel, jack, seasonal and geographic characteristics in California current region, 12071
- McNally, William D., FORTRAN program for calculating compressible laminar and turbulent boundary layers in arbitrary pressure gradients, 12772
- McQuown, Carleton, R., relief, 12312



- Magnesium:  
disposal from national stockpile—  
law, 12144  
report, 12202
- Magnetic materials, high-temperature (800°–1600°F) magnetic materials, 12752
- Magnetic tape, summary tapes, 1970 census, user guide, 12014
- Magnetism, electron-paramagnon interaction effects in nearly ferromagnetic metals, 12897
- Magneto-hydrodynamic generators, thermodynamic, electrical, physical, and compositional properties of seeded coal combustion products, 12739
- Magnetosphere, magnetospheric ducts characteristics observed by Alouette-2 topside sounder, 12805.
- Magrini, O. James, control of electric circuit designs for space vehicles, 12825
- Mailing matter, postal rates and revenue and cost analysis, hearings, 12281  
*see also* Letters.
- Maine, brit herring along coast, 12072
- Maisel, Sherman J., remarks, July 11, 1970, 12533
- Makah Indians, lands, hold in trust, report, 12210
- Making and preserving apple cider, 11948
- Malheur National Wildlife Refuge, birds, list, 12933
- Man:  
crossroads for man in uniform, 11972  
effects of 2, 4, 5-trichlorophenoxyacetic acid, hearings, 12360  
motor effects from visually induced disorientation, 11978
- Management, *see* Administrative management—Forest management.
- Managers, traffic, industrial, employment outlook, 12667
- Manganese:  
natural battery grade, disposal from national and supplemental stockpile, report, 12203  
ore, disposal from national and supplemental stockpile—  
chemical grade, type A, law, 12145  
chemical grade, type B, law, 12146  
ores, suspension of duties, law, 12129
- Manometers, survey of micromanometers, 12841
- Manpower:  
comprehensive development program, establish, hearings, 12377  
development and training act, good training, good jobs, MDTA through private school, 12502  
development and training legislation, 1970, hearings, 12377  
good training, good jobs, MDTA facts for manpower administrators, 12501  
health resources statistics, 12850  
manpower and mental retardation, exploration of issues, conference proceedings, 12903  
requirements, pilots and mechanics in civil aviation 1967–77, study, 12707  
training, job program, opportunities in business sector, background information, 12376
- Manpower Administration, current situation and short-range outlook, pilots and mechanics in civil aviation, 1967–77, study, 12707
- Manuals, *see* names of departments, etc. issuing manuals—*also* subjects.
- Manufactures and manufacturers, census, 1967, industry statistics, 11998–12012  
*see also* names of commodities.
- Maple:  
sugar—  
defect indicators, photographic guide, 12562  
pole-size, sprouting potential of dormant buds on bole, 12552
- Maple—Continued  
sugar—continued  
sapwood and heartwood, variation in density, 12554  
trees, some effects of paraformaldehyde on wood surrounding tapholes, 12565
- Maraging steel, *see* Steel.
- Marden, Richard M., defect indicators in sugar maple, photographic guide, 12562
- Marine Corps:  
artillery, annotated bibliography, 12726  
historical bibliographies series, 12726–727  
historical reference pamphlet, 12727  
United States marines in Iceland, 12727
- Marine science, *see* Oceanography.
- Marines, *see* Marine Corps.
- Maritime Administration, SP series, 12728
- Maritime industry, *see* Merchant marine.
- Mark Twain National Wildlife Refuge, general information, 12931
- Markets and marketing:  
agricultural marketing costs and charges, statistical series of Agriculture Dept., 11946  
marketing bulletins, 11953  
marketing research workers employment outlook, 12665  
*see also* names or classes of commodities, etc., marketed.
- Marriage, marriage, divorce and remarriage, probabilities, current population report, 12036
- Martens, Wanda, relief, 12294
- Martin, E. Dale, study of directional-mean-free-path method for gas flow in translational nonequilibrium, 12785
- Martin, James H., relief, 12092
- Martins, purple martin, ways to attract, 12920
- Martorell, Jorge R., *see* Fernandez, Jorge R.J.B.M.y.
- Maryland:  
county business patterns, 12028  
historic buildings, Historic American Buildings Survey, records, 12873  
small watershed projects, program, hearing, 12382
- Mass (physics):  
apparent mass and moment of inertia of large disk suspended as pendulum at different air densities, experimental determination, 12819  
method of weighing object in gaseous atmospheres to obtain its true mass and volume, 12745
- Massachusetts:  
county business patterns, 12029  
electric rate book, 12528
- Master cross reference list, 12396
- Materials:  
National Bureau of Standards standard reference materials, catalog, 12842  
surface-active material in marine atmosphere, detection and characterization, 12898  
*see also* names of materials.
- Mathematics:  
course and curriculum improvement projects, 12878  
function of concentration of anomalous component in modified water, water-vapor pressure, USSR study, 12626  
piecewise ergodic problem for gas systems, 12892  
recursion formula for logarithmic functions of spherical Bessel function in complex plane, 12513  
stagnation-point solutions for inviscid radiating shock layers, 12791
- Matrices (mathematics):  
reduced matrix elements of single-particle operators, systematic method of calculating, 12811
- Maxwell equations, *see* Equations.



# INDEX

- May, Alexander, method of weighing object in gaseous atmospheres to obtain its true mass and volume, 12745
- Mayo, Alton P., method for determination of accuracy of closed distant stationary orbits determined from range rate, 12818.
- MDTA (manpower development and training act), *see* Manpower.
- Meador, Willard E., modifications to Fourier's law of heat conduction through use of simple collision model, 12814
- Measurements, *see* subject of measurement.
- Meat:
- Federal meat inspection act, amend, report, 12269
  - growth in world demand for feed grains related to meat and livestock products, 12496
  - purchase specifications, requirements, approved by USDA, 12386
  - State inspection services, report, 12209
- Mechanics (persons):
- automotive, examination announcement, amendment, 12047
  - mechanics in civil aviation, 1967-77, study of manpower requirements, 12707
- Mecklenburg County, N.C., community profile, 12450
- Medals, commemorative, 100th anniversary of Ohio Northern University, report, 12222
- Medical assistance:
- medicaid and other medical care financed by public assistance funds, 1969 fiscal year, 12851
  - medicaid nursing home care in California, problems in approving and paying, GAO report, 12583
  - Task Force on Medicaid and Related Programs, report, 12596
- Medical care:
- Armed Forces health benefit programs, subcommittee report, 12263
  - financed from public assistance funds, 1969 fiscal year, 12851
  - medicine—
    - health insurance for people 65 and over, brief explanation, 12924
    - medical insurance under social security, handbook, 12925
    - public assistance, vendor payments by type of service, 12852
    - regional medical programs, extend and improve—
      - hearings, 12279
      - report, 12248
    - veterans wounded in Vietnam, problems and oversight, hearings, 12379
  - Medical certificates, *see* Death certificates.
  - Medical facilities, *see* Health centers—Hospitals.
  - Medical insurance, *see* Health insurance.
  - Medical schools, special departments and programs in field of family practice, grants to establish, hearings, 12375
  - Medicare, *see* Medical care.
  - Medicine:
    - aviation medical report AM series, 11976-981.
    - family practice, personnel training, encourage and promote, hearings, 12375
    - group medical practice facilities, 12602
    - medically trained servicemen, where do you go from here? Operation MEDHIC, 12595
  - Meyer, Lewis, information requirements for supersonic transport operations, 12764
  - Melanson, Roger M., footnote, journal of HEW Audit Agency, 12594
  - Melton, C. E., use of tranquilizer chlordiazepoxide in flight training, 11976
  - Memorials, *see* names of persons to whom memorials are erected.
  - Memory, analyzed in terms of molecular physiology, USSR study, 12628
  - Mental diseases, *see* Mental disorders.
  - Mental disorders, epidemiology, 1966-68, bibliography, 12857
  - Mental retardation:
    - developmental disabilities services and facilities construction act of 1970, report, 12243
    - facilities construction act, extend, report, 12243
    - manpower and mental retardation, exploration of issues, conference proceedings, 12903
    - mental retardation and other developmental disabilities, report, 12243
  - Merchandise, *see* Commercial products.
  - Merchant marine:
    - act of 1936, amend, hearings, 12362
    - maritime program to rebuild, revitalize, etc., American sea power, hearings, 12362
    - ship designs for U.S. flag merchant fleet, 12730
  - Merchant Marine and Fisheries Committee,
    - House:
      - hearing, 12280
      - reports, 12235-236, 12250
  - Mercury:
    - electrochemical coulometer as battery state-of-charge indicator, 12789
    - recovery derived from electrolytic oxidation of cinnabar ores, 12750
  - Mertins, Paul F., selected financial statistics of institutions of higher education, 12504
  - Metabolism, energy utilization in even-aged northern hardwoods, estimates, 12557
  - Metal oxides, systems of heavy ions in energy range 60 to 400 KEV, range, 12746
  - Metals:
    - liquid-drop-impact erosion, basic research, 12762
    - radiation induced preparation from aqueous salt solutions, 12812
    - range of heavy ions in energy range 60 to 400 KEV, 12746
    - see also* Fracture of metals.
  - Metalworking machinery, metalworking machines safeguarding, 12660
  - Metamorphic rocks, *see* Rocks.
  - Meteorological satellites, *see* Satellites.
  - Meteorology:
    - cloud growth associated with development of secondary cyclones, meteorological satellite views, 12771
    - satellite, 12827
  - Meyer, Walter R., geohydrology of Finney County, southwestern Kansas, 12591
  - Michaels, Stella, equilibrium critical phenomena in fluids and mixtures comprehensive bibliography with keyword descriptors, 12844
  - Michigan, Lake, environmental effects of energy generation, hearing, 12361
  - Microanalysis, *see* Electron probe microanalysis.
  - Microbes, *see* Micro-organisms.
  - Micromanometers, *see* Manometers.
  - Micro-organisms, saprophytic microbes in etiology of experimental neuroparalytic diseases, role of toxins, USSR study, 12622
  - Migrant labor, migrant and seasonal farm-worker powerlessness, hearings, 12378
  - Migrants, efforts to organize, hearings, 12378
  - Migration of workers, *see* Migrant labor.
  - Migratory workers, *see* Migrant labor.
  - Military Academy Preparatory School, description, programs, etc., 11971
  - Military art and science, special military operations handbook, change, 11965
  - Military claims, *see* Claims.
  - Military facilities, replacement or relocation, creation of defense facilities fund, draft of bill to authorize, hearings, 12261
  - Military history:
    - Fort Stanwix, construction and history, 12864

- Military history—Continued  
 Marine Corps—  
     historical bibliographies series, 12726  
     historical reference pamphlet, 12727  
 Military installations, *see* Installations (military).  
 Military operations, *see* Military art and sciences.  
 Military personnel, *see* Air Force Reserve.  
 Military research, Defense Department, research, development, test, and evaluation, 1971, authorization, report, 12352  
 Military standards, *see* Standards and standardization.  
 Milk, special program for children, law, 12121  
 Mills, George F., relief, 12168  
 Mills, *see* Planing mills—Thread mills—Yarn mills.  
 MILSTAMP (military standard transportation and movement procedures), *see* Transportation.  
 Mineral lands, conveyance of mineral rights of U.S., in California to Elizabeth B. Borgnino, 12292  
 Minerals:  
     heavy minerals, recovery from Alabama sand and gravel operations, 12749  
     resources—  
         Agua Tibia Primitive Area, Calif., 12588  
         Emigrant Basin Primitive area, Calif., 12587  
 Mines and mining, socioeconomic aspects, in selected cities, urbanization and surface mining, Atlanta, Ga., 12741  
 Mines Bureau:  
     bulletins, 12739  
     information circulars, 12740-742  
     report of investigations, 12743-748  
     technical progress reports, 12749-750  
 Ming Chang, *see* Chang, Ming.  
 Ministers of religion, *see* Clergy.  
 Minorities, OMBE outlook, news from Minority Business Enterprise Office, 12053  
 Minority Business Enterprise Office, OMBE outlook (periodical), 12053  
 Minot Extension, *see* Missouri River Basin project.  
 Minute Man National Historical Park, farming and land uses, general study, 12868  
 Miscellaneous publications, *see* names of departments, etc., issuing publications.  
 Missiles, military procurement appropriations, 1971, authorization, report, 12352  
 Mississippi River and Valley, Mississippi River and tributaries, stages and discharges, New Orleans district, 12511  
 Missouri Basin Inter-Agency Committee, directory, 1971 fiscal year, 12751  
 Missouri River Basin project:  
     Minot Extension, Garrison Diversion unit, N. Dak., construct, operate, and maintain, report, 12350  
     Narrows unit, construct, operate, and maintain, report, 12211  
 Mobilizing to use the seas, 12904  
 Mobley, Thomas C., building trades, union wages and hours, 12716  
 Model Reporting Area for Blindness Statistics, statistical report, 12855  
 Mohair, production, price and value, 12945  
 Molders, rate training manual, Navy, 12887  
 Molecular physiology, *see* Biological physics.  
 Molybdenum, disposal from national stockpile, report, 12204  
 Monetary policy, *see* Money.  
 Money:  
     banking structure and monetary management (remarks), 12530  
     monetary policy (remarks), 12533  
 Money—Continued  
     Vietnam Republic, need for increased control over local currency made available for support of its military and civil budgets, Defense Dept. and International Development Agency, GAO report, 12578  
 Monopolies, antitrust laws, newspapers, exempt certain combinations and arrangements necessary for survival, reports, 12200, 12231  
 Moon:  
     landing July 20, 1969, 1st anniversary, background material, 12832  
     simulated ocean radar impulse responses from lunar radar measurements, 12894  
 Moore, Raymond T., grants activities supported by Environmental Control Administration of Environmental Health Service, 12512  
 Moore County, N.C., community profile, 12451  
 Moorhead, Paul E., survey of properties of T-111 (tantalum-8 tungsten-2 hafnium), 12810  
 Morrell, Roger J., tunnel boring technology, disk cutter experiments in sedimentary and metamorphic rocks, 12743  
 Mortality, *see* Death.  
 Mortgage insurance, FHA, project, FHA regulations, amendments, 12525  
 Mortgages:  
     amortization and insurance, premium and outstanding principal balance tables, 12523  
     supplement, 12524  
     Emergency home finance act of 1970, report, 12251  
     farm-mortgage loans, Federal land bank, statistical study of loans outstanding, 12492  
 Motion:  
     investigation of small-scale motions and forecasting of wind profiles over short periods of time at Cape Kennedy, Fla., 12758  
     unstable bubble motion under low gravitational conditions, 12795  
 Motion pictures:  
     civil defense catalog, 12045  
     "Project Nassau", CBS network news documentary practices, report, 12252  
 Motor buses, *see* Motorbuses.  
 Motor effects from visually induced disorientation in man, 11978  
 Motor vehicle accidents, causation, culpability and deterrence in highway crashes, 12949  
 Motor vehicles:  
     and equipment, census of manufactures, 1967 industry statistics, 12099  
     tracked combat vehicles, military procurement, appropriations, 1971, report, 12352  
 Motorboats, Federal requirements, 12055  
 Motorbuses, bus travel, opportunity for savings by reducing paper work in Defense Department, GAO report, 12581  
 Motortruck drivers, local truck drivers and helpers, union wages and hours, 12717  
 Mount Baldy Wilderness, designate as wilderness area, proposal, report, 12322  
 MRA, *see* Model Reporting Area for Blindness Statistics.  
 Multiple jobholders, 12721  
 Multiplication, Markov chains to analyze asynchronous methods of computer multiplication, USSR study, 12629  
 Multiprocessing, task scheduling for real time multiprocessor, 12790  
 Music, Library of Congress, catalog, 12724  
 Musical instruments, and parts, census of manufactures, 1967, industry statistics, 12012  
 Musicians, employment outlook, 12687



## INDEX

- Mutton, fresh, USDA institutional purchase specifications, 12386
- My Lai, Vietnam, incident, investigation, report of subcommittee, 12260
- ### N
- N.A.S.A., *see* National Aeronautics and Space Administration.
- N.B.S., *see* National Bureau of Standards.
- N.L.R.B., *see* National Labor Relations Board.
- Nagel, L. L.:  
air pollution report, Federal facilities, intrastate air quality control region,—metropolitan Baltimore, 12834  
metropolitan Pittsburgh, 12836
- Narrowband, *see* Bandwidth.
- Narrows unit, *see* Missouri River Basin project.
- NASA, *see* National Aeronautics and Space Administration.
- Nash County, N.C., community profile, 12452
- Nassau Project, *see* Columbia Broadcasting System.
- National Advisory Commission on Technology and Environment, establish, hearings, 12374
- National Aeronautics and Space Administration:  
contractor report CR (series), 12752-767  
SP series, 12768  
technical notes, 12770-825  
technical reports, 12826  
technical translations, 12827-831
- National Archives, genealogy records from outside sources, 12840
- National Archives and Records Service, general information leaflets, 12840
- National Bureau of Standards:  
accounting improvements, need for, inequitable charges for calibration services, GAO report, 12576
- Activation Analysis Section, summary of activities, 12846  
monograph, 12841  
special publications, 12842-844  
standard reference materials, catalog, 12842  
technical notes, 12845-847
- National Capital Planning Commission, appropriations, 1971, report, 12254
- National cemeteries, expenses, appropriations, 1971, report, 12207
- National Commission on Consumer Finance, final report, extend reporting date, reports, 12221, 12325
- National Commission on Libraries and Information Science, establish, report, 12214
- National Commission on Transplantation and Artificial Organs, establish, report, 12248
- National Credit Union Administration, appropriations, 1971, hearings, 12259
- National Credit Union Share Insurance Fund, create, hearings, 12353
- National debt, *see* Public debt.
- National defense:  
defense-related workers, skills and location, 12720  
special military operations handbook, change, 11965  
*see also* Civilian defense.
- National electric rate book, 12527-529
- National forests, *see* names of forests.
- National Foundation on the Arts and the Humanities:  
act of 1965, amend, reports, 12219, 12245  
appropriations, 1971, report, 12254
- National Goals Research Staff, toward balanced growth, quantity with quality, report, 12905
- National Guard, Air, your opportunities and rewards, 11964
- National Institute for Prevention and Control of Alcoholism, establish, hearings, 12372
- National Institutes of Health:  
grant and award programs, 12859  
publications, list, 12860
- National Labor Relations Board:  
appropriations, 1971, hearings, 12259  
decisions, digest, 12862
- National Mediation Board, appropriations, 1971, hearings, 12259
- National Oceanic and Atmospheric Administration, establish, message from the President, 12163
- National parks, *see* names of parks.
- National Parks Centennial Commission, establish, report, 12332
- National Parks Centennial Year, designate 1972, report, 12332
- National Science Foundation:  
act of 1950, amend, hearings, 12283  
appropriations, 1971, authorization, reports, 12339, 12249  
guide to programs, 12880
- National Security Seminars, prospectus, 12620
- National Transportation Safety Board:  
publications, list, 12883  
role in promoting public safety (remarks), 12884  
safety investigation regulations, rules pertaining to aircraft accidents, etc., 12882
- Nationality:  
Immigration and nationality act, amend—law, 12136  
report, 12329
- Natural gas, *see* Gas.
- Natural resources:  
Land and water conservation fund act, amend law, 12131  
resource and conservation development projects, cost sharing grants, report, 12224  
resource bulletins, 12567-568  
resource publications (series), 12934  
*see also* Land.
- Naturalization:  
residence requirements, etc., for aliens from Bonin Islands,—law, 12100  
report, 12302
- Navajo Indian irrigation project, act of June 13, 1962, amend, report, 12276
- Naval education, rate training manuals, 12385-887
- Naval Research Laboratory, report series, 12888-898
- Naval Submarine Medical Center, reports, 12731-737
- Navier-Stokes equations, *see* Equations of motion.
- Navigation:  
closed distant stationary orbits determined from range rate, method for determination of accuracy, 12818  
Omega aircraft receivers, precipitation effects, 12896  
Saturn launch vehicle's system, description and performance, 12809
- Navy, personnel, sensory behavior, manual/binaural minimum audible angle of auditory response, 12731
- Navy Department, naval nuclear propulsion program, 1970, hearings, 12155
- NBS, *see* National Bureau of Standards.
- Near East, *see* East (Near East).
- Nebraska, county business patterns, 12030
- Negligence, *see* Damages.
- Negotiation:  
impasse, grievance and arbitration in Federal agreements, 12715  
international, with Soviet Union, process and problems, hearings, 12365
- Negroes:  
education, income, and wealth accumulation in Negro community (address), 12531  
Negro in United States, selected bibliography, 12725



- Neuroparalysis, experimental neuroparalytic diseases, role of toxins of certain saprophytic microbes in etiology of, USSR study, 12622
- Neutrons, DAISY, efficient program for production of neutron pseudo resonance parameter chains in unresolved energy region, 12802
- New Hanover County, N.C. :  
Agricultural Stabilization and Conservation Service annual report, 11945  
community profile, 12453
- New Jersey, landings, fish and shellfish, 12063
- New Mexico, apples, marketing order authority, extend, report, 12223
- New Mobe, *see* New Mobilization Committee to End the War In Vietnam.
- New Mobilization Committee to End the War in Vietnam, subversive involvement in origin, leadership and activities, study, 12277
- New Orleans, La., Mississippi River and tributaries and other watersheds in district, stages and discharges, 12511
- Newspapers :  
combinations and arrangements necessary for survival exempt from antitrust laws, reports, 12200, 12231  
Newspaper preservation act, reports, 12200, 12231
- Niedzwiecki, Richard W., preliminary tests of simplified modular turbojet combustor, 12773
- NLRB, *see* National Labor Relations Board.
- Noise :  
axial compressor noise, application of theory to minimize, 12757  
electrical, in GaAs diode lasers, 12888  
intense low frequency tones, effects of exposure on hearing and performance, 12733  
Noise pollution and abatement act, hearings, 12380  
*see also* Sonic boom.
- Norrod, Valmer, self-study course in FORTRAN programming, textbook, 12753
- North Carolina :  
county business patterns, 12031  
fishery products, wholesale dealers, list, 12079
- North Central States, *see* Central States.
- North Dakota, small watershed projects, program, hearing, 12382
- North Korea, *see* Korea.
- North Korean Central Yearbook, excerpts, 12639
- Notes, Farmers Home Insured notes, investor's opportunity, 11957  
*see also* Treasury notes.
- Nozzles, heat transfer in 60° half-angle of convergence nozzle with various degrees of roughness, 12816
- NRL, *see* Naval Research Laboratory.
- NSF, *see* National Science Foundation.
- Nuclear defense design for architects and engineers, 12044
- Nuclear particles, *see* Nucleons.
- Nuclear propulsion, *see* Propulsion.
- Nuclear reactors, *see* Reactors (atomic).
- Nucleons, reduced matrix elements of single-particle operators, systematic method calculating, 12311
- Numerical calculations :  
numerical evaluation of preliminary orbit determination methods, 12770  
systematic method of calculating reduced matrix elements of single-particle operators, 12311
- Nurse Corps, Army, financial assistance and educational opportunities for student nurses and registered nurses, 11970
- Nurses and nursing :  
registered, traineeships under Public health traineeship program, 12861  
Nurses and nursing—Continued  
registered nurses, and licensed practical nurses employment outlook, 12671  
schools—  
offering nurse traineeships for full-time academic study, list, 12597  
participating in nursing student assistance programs, 1971 fiscal year, 12598  
*see also* Nurse Corps, Army.
- Nursing homes, care under medicaid program in California problems in approving and paying for Social and Rehabilitation Service, GAO report, 12583
- Nutrients, *see* Nutrition.
- Nutrition :  
Child nutrition act of 1966, extend, law, 12121  
food stamps to end hunger, 11956  
foods, nutritive value, 11952  
seasonal distribution of nutrients in plants of 7 browse species in Louisiana, 12566  
*see also* Food.
- 
- O.A.S.D.I., *see* Old-age, survivors, and disability insurance.
- OASDI, *see* Old-age, survivors, and disability insurance.
- OBR series, 12057-60
- Occlusions (meteorology), *see* Meteorology.
- Occupational therapists, employment outlook, 12675
- Occupational training, *see* Training.
- Occupations :  
career opportunities—  
Commerce Department, 12057  
Internal Revenue Service, taxation, 12615  
conservation foresters, forestry aids, range managers, employment outlook, 12682  
job opportunities, program in business sector, background information, 12376  
jobs, jobs, jobs, which one for you? list of reprints from occupational outlook handbook, 12719  
occupational outlook handbook, list of reprints, 12719  
occupational safety aid, OSA LS series, 12638-659  
skilled trade, train through apprenticeship, 11969  
trades and crafts equipment operation and repair examination announcement, amendment, 12047  
*see also* names of occupations, industries, etc.
- OCD, *see* Civil Defense Office.
- Ocean :  
sea roughness effect on bandwidth of radar backscatter, 12889  
simulated ocean radar impulse responses from lunar radar measurements, 12894  
study of sea return at normal and near-normal incidence, 12890  
submarine escape—  
and immersion equipment, open sea surface evaluation, 12734  
experimental training for open seas, 12737  
territorial sea boundaries, hearings, 12264
- Oceanography :  
marine atmosphere detection and characterization of surface-active material, 12898  
mobilizing to use the seas, 12904
- Office furniture and equipment, Library of Congress, authority to purchase, transfer from Architect of Capitol to Librarian of Congress, law, 12108
- Office machine servicemen, employment outlook, 12702

## INDEX

- Office of Emergency Preparedness, *see* Emergency Preparedness Office.
- Officers, *see* names of services to which officers belong.
- Offices, preventing office accidents, occupational safety aid, 12658  
*see also* Government offices.
- Oh, Kyung Ae, relief, 12317
- Ohio, apples, marketing order authority, extend report, 12223
- Ohio Northern University:  
100th anniversary—  
commemorative medals, report, 12222  
congratulations of Congress, reports, 12332-334
- Oil, *see* Petroleum.
- Oils, problem of birds contaminated by oil and their rehabilitation, 12934
- Ok Yon Kirsch, *see* Kirsch, Ok Yon.
- Okinawa, transporting military mail from Okinawa to points in southeast Asia, reductions achieved in cost, Defense Department, GAO report, 12586
- Oklahoma, census of business, 1967, retail trade, merchandise line sales, 11994
- Old-age, survivors, and disability insurance: family benefits under 1969 amendments, 12919  
increase benefits, etc., amend social security amendments of 1969, law, 12129
- Old Dominion Sugar Corp., SBA lease guarantee, hearings, 12285
- Older persons, *see* Aged.
- Olinger, Arthur J., relief, 12315
- Ollerhead, J. B., application of theory to axial compressor noise, 12757
- Olstad, Walter B., stagnation-point solutions for inviscid radiating shock layers, 12791
- Olshzewski, George J., construction history of Union Station, Washington, D.C., 12865
- Omega navigation system, *see* Navigation.
- Oncogenic viruses, *see* Viruses.
- "One small step . . . one giant leap", 12832
- Operation Golden Eagle, Golden Eagle program, extend, law, 12131
- Operations (surgical), *see* Surgery.
- Optical measurements, optical study of sonic and supersonic jet penetration from flat plate into Mach 2 air-stream, 12778
- Optimal processes, in conflict situations, USSR study, 12625
- Optimization, multi-effect multi-stage flash distillation system, 12608
- Oral contraceptives, *see* Contraceptives.
- Orbits:  
closed distant stationary orbits determined from range rate, method for determination of accuracy, 12818  
preliminary orbit determination methods, numerical evaluation, 12770
- Orders, *see* subjects.
- Ordillas, Anita, relief, 12306
- Oregon:  
landings, fish and shellfish, 12062  
small watershed projects, program, hearing, 12382
- Ores, *see* names of metals.
- Organ Pipe Cactus National Monument, Blankenship Ranch, Ariz., historic structures report, 12870
- Organophosphorus compounds, organophosphorus pesticide, effects on reproduction in rat, 11980
- Oscillations:  
coupled thermally-induced transverse plus torsional vibrations of thin-walled cylinder of open section, 12826  
stability of constant-gain systems with vector feedback, 12777
- Osteopathic physicians, employment outlook, 12668
- OTA, *see* Technology Assessment Office.
- Otsu, Tamio, albacore of Hawaiian waters, *Thunnus alalunga*, 12070
- Outer space:  
electron beam injected into space, stability, 12803  
physiological measurements in space and their automation, USSR study, 12646  
space program benefits, hearing, print additional copies, reports, 12191, 12321
- Oversea service, overseas air passenger transportation by Defense Department, potential savings by centralized control, GAO report, 12582
- Overseas business reports, 12059-60
- Oxidation, electrolytic, of cinnabar ores for mercury recovery, 12750
- Oysters, culture in Long Island Sound, 12069
- Ozette Reservation, make part of Makah Reservation, report, 12210

### P

- PA series, 11954-959
- Pacific Islands Trust Territory, *see* Trust Territory of Pacific Islands.
- Pacific Ocean:  
Pacific marine fisheries compact, amendment, consent of Congress—  
law, 12138  
report, 12336  
tropical, crown of thorns starfish, control program, hearing, 12366
- Pacific Southwest Forest and Range Experiment Station, publications, list, 12549
- PAIGH, *see* Pan American Institute of Geography and History.
- Painters, employment outlook, 12700
- Pamphlets, *see* names of departments, etc., issuing pamphlets.
- Pan American Institute of Geography and History, participation of United States, appropriation authorization, report, 12341
- Panama Canal, appropriations, 1971, report, 12207
- Papaw (Carla papaya):  
marketing orders to include paid advertising for papayas, report, 12247
- Paper, Government specification standards, 12288
- Paper birch, *see* Birch.
- Paperhangers, employment outlook, 12700
- Papers, *see* Records.
- Paperwork, involved in Defense Dept. bus travel, reducing, opportunity for savings, GAO report, 12581
- Parabolic dish antennas, *see* Antennas.
- Paraffin, antiwear and extreme-pressure additives in synthetic paraffinic lubricant on ball spinning torque, effects, 12797
- Paraformaldehyde, effects on wood surrounding tapholes in sugar maple trees, 12563
- Paralysis, *see* Neuroparalysis.
- Paramagnetism, *see* Magnetism.
- Parameters:  
alternator parametric designs, potassium turboalternator (KTA), preliminary design study, 12754  
neutron pseudo resonance parameter chains in unresolved energy region, DAISY, efficient program for production, 12802
- Parawings, *see* Wings (aircraft).
- Parker, James W.:  
experimental training for open-sea submarine escape, 12737  
open sea, surface evaluation of submarine escape and immersion equipment, 12734
- Parks, *see* names of parks.
- Parole, youth offenders, Youth Correction Division to designate examiners to make recommendations, report, 12216
- Parsons, Richard P., frozen food locker cooperatives with and without slaughtering facilities, production and performance, 12514



- Particles, single particle operators, reduced matrix elements, systematic system of calculating, 12811
- Pasquotank County, N.C., community profile, 12454
- Patents:  
classification manual, replacement pages, 12899
- Southern Utilization Research and Development Division, semiannual list, 11944
- Pathologists, *see* Speech pathologists.
- Patients:  
Clinical Center, NIH clinical studies referral procedures, 12858  
isolation techniques for use in hospitals, 12854
- Pawtucket, R.I., area wage survey, 12714
- Pay, *see* Wages.
- Payloads, approximate analytical model for landing energy absorption, including effect of penetration by payloads into crushable casing, 12801
- Peace Corps:  
act, amend, report, 12220  
appropriations, 1971, additional, authorization, report, 12220
- Peas and carrots, canned, U.S. standards for grades, 12339
- Pellicano, Vincenzo, relief, 12180
- Pender County, N.C., Agricultural Stabilization and Conservation Service annual report, 11945
- Pendulum, large disk suspended as pendulum, apparent mass and moment of inertia at different air densities, experimental determination, 12819
- Pensions, pension funds, investment policies, hearings, 12157
- Penson, John B., jr., Federal land bank farm-mortgage loans, statistical study of loans outstanding, 12492
- Perception, visually induced disorientation in man, motor effects, 11978
- Perelra, Maria de C. B., relief, 12179
- Performance (psychology):  
exposure to intense low frequency tones, effects, 12733
- Performance tests (engineering, mechanical, etc.):  
improving performance of IVS-3 evaporators, USSR study, 12652
- Performing artists, *see* Entertainers.
- Perlmutter, Morris, rarefied diffusion by model sampling, 12786
- Personal property:  
claims of military personnel and civilian employees, settlement, discontinue annual report to congress—  
law, 12134  
report, 12335
- Personnel management, *see* Administrative management.
- Personnel workers, employment outlook, 12666
- PERTRAN, transport-perturbation program, 12823
- Perturbation theory, PERTRAN, transport-perturbation program, 12823
- Pesticides:  
imported agricultural commodities, economic poison standards, report, 12253  
organophosphorus, reproduction in rat, effects, 11980
- Pests:  
forest pest leaflets, 12547-548  
going abroad? important message from Pestna, 11958
- Petroleum:  
hydrodesulfurization of residual fuel from Wilmington, Calif., crude oil, 12747  
oil import controls, hearings, 12275  
products, radioprotective action of antioxidants obtained from, USSR study, 12627
- Pettibone, Marina H., revision of some species referred to *Leanira* Kinberg (Polychaeta: Sigalionidae), 12915
- Pharmaceutical industry, *see* Drugs.
- Pharmacists, employment outlook, 12672
- Philipp, Warren H., radiation-induced preparations of metals from their aqueous salt solutions, 12812
- Phoenix Ariz., intrastate air quality control region, Federal facilities, air pollution report, 12838
- Phonorecords, Library of Congress, catalog, 12724
- Photography, schlieren photography, optical study of sonic and supersonic jet penetration from flat plate into Mach 2 airstream, 12778
- Physical measurements, precision measurement and calibration heat, 12843
- Physical principles of quantum gyroscopy, USSR, 12653
- Physical properties, seeded coal combustion products, 12739
- Physical therapists, employment outlook, 12675
- Physicians, employment outlook, 12668
- Physiology, physiological measurements in space and their automation, USSR study, 12646
- Pianos, piano actions, production and maintenance workers of Rockford plant of Wood & Brooks Co., Tariff Commission report, 12946
- Pickaway County, Ohio, community profile, 12455
- Picture story series, 11960
- Piecewise ergodic problem for gas systems, 12892
- Plke County, Ohio, community profile, 12456
- Pilots and pilotage, *see* Aviators.
- Pimpare, Maureen, O., relief, 12178
- Pine:  
does bedding promote pine survival and growth on ditched wet sands? 12558  
red, initial thinning in plantations, 12561  
Pine Mountain Wilderness, designate as wilderness area, proposal, report, 12322
- Pipe and pipe fittings, Federal item identification guide, change, 12393
- Pipe fitters, employment outlook, 12701
- Pittsburgh, Pa., air quality control region, Federal facilities, air pollution report, 12836
- Plane sense, general aviation information, 12517
- Planing mills, census of manufacturers, 1967, industry report, 12001
- Planning, low-rent housing, administration of program handbook, transmittal, 12606
- Plant pests, *see* Pests.
- Plant Variety Protection Office, establish, hearing, 12257
- Plantations, red pine, initial thinning, 12561
- Planting, *see* Tree planting.
- Plants:  
Plant variety protection act, hearing, 12257  
quarantine import requirements—  
Libya, 11942  
Portugal, 11943  
traveling? don't spread plant pests, 11959  
varieties, proprietary rights of breeders protect, hearing, 12257
- Plants (industrial):  
productivity analysis in manufacturing plants, 12661
- Plasma:  
laser heating of ionized helium, 12792  
reflected shock air plasmas at 12-16,000°K, thermodynamic property measurements, 12766  
seeded coal combustion products, thermodynamic, electrical, physical, and compositional properties, 12739



## INDEX

- Plasticity:**  
 application of new scaling method for KIC plasticity corrections to characterization of TIG welds in 12-5-3 maraging steel plate, 12895  
 solid state plasticity and strength, new Soviet booklet, 12641
- Plated ware, census of manufacturers, 1967, industry statistics, 12011**
- Plates:**  
 plates and shells, vibration responses to fluctuating pressure environments, study, 12755  
 sonic and supersonic jet penetration from flat plate into Mach 2 airstream, optical study, 12773
- Pleasant Valley Canal, change name to Coalinga Canal, report, 12343**
- Plumbers, employment outlook, 12701**
- Plymouth-Provincetown Celebration Commission, establish, report, 12331**
- PMG series, 12357-383**
- Poison ivy, 3 leaves mean poison ivy, identification, etc., 11955**
- Poisons, economic standards for imported agricultural commodities, report, 12253**  
*see also* Food poisoning.
- Police, District of Columbia, salaries, increase, report, 12199**
- Political scientists, employment outlook, 12689**
- Polk County, N.C., community profile, 12457**
- Pollack, portraits with pollock, recipes, 12075**
- Pollock, *see* Pollack.**
- Pollution of water, *see* Water pollution.**
- Polychaeta, revision of some species referred to Leandra Kinberg (Polychaeta: Sigalionidae), 12915**
- Polymides, *see* Amides.**
- Polymers and polymerization, pyrrene polymers, synthesis, 12761**
- Poole, William, subversive involvement in origin, etc., of New Mobilization Committee to End War in Vietnam, etc. 12277**
- Population:**  
 census, 1970, State editions, print additional copies, 12193  
 current population reports—  
 population characteristics, 12035  
 special studies, 12036
- Populus tremuloides, *see* Aspen.**
- Porosity, electrodeposit, radiographic test, 12748**
- Porous materials, porous structures used as oxygen fuel cell electrodes, factors affecting performance, 12767**
- Portage County, Ohio, community profile, 12458**
- Porter, Dorothy B., Negro in United States, selected bibliography, 12725**
- Portugal, plant quarantine import requirements, 11943**
- Post Office and Civil Service Committee, House, hearings, 12281**
- Post Office Department:**  
 modernize, reports, 12195, 12256  
 postal rates and revenue and cost analysis, hearings, 12281  
 postal reform system, reports, 12195, 12256  
 Postal reorganization and salary adjustment act of 1970, reports, 12195, 12256  
 posters, commemorative stamps, 12900-1
- Post offices, post office dedication, Columbus, Ind. (remarks), 12902**
- Postage, postal rates and revenue and cost analysis, hearings, 12281**
- Postage stamps:**  
 commemorative, 6-cent—  
 American flag (poster), 12900  
 Dwight D. Eisenhower (poster), 12901
- Postal employees, *see* Postal service.**
- Postal rates, *see* Postage.**
- Postal service:**  
 postal employees, salary adjustments for 1970, reports, 12195, 12256
- Postal service—Continued**  
 postal rates and revenue and cost analysis, hearings, 12281  
*see also* International postal service—  
 Post offices.
- Posters:**  
 Consumer and Marketing Service, 12391  
 Post Office Department, commemorative stamps, 12900-1
- Potassium:**  
 turboalternator (KTA), preliminary design study, alternator parametric design, 12754  
 turboalternator phase 2, refinement of selected layout, 12765
- Potatoes, controlling insects, 11949**
- Poultry, publications, price list, 12907**
- Poverty, Economic opportunity act of 1964, as amended, compilation, 12373**
- Power, development, public works appropriations, 1971, report, 12207**  
*see also* Electricity.
- Prawn, giant Alaskan, experimental trawling and pot fishing, 12067**
- Preble County, Ohio, community profile, 12459**
- Precipitation, effects on Omega aircraft receivers, 12896**
- Precision measurements, *see* Physical measurements.**
- Prehn, W. Lawrence, jr., desalting cost calculating procedures, 12610**
- President of United States:**  
 election, amend Constitution relating to electoral college reform, hearings, 12370  
 public speeches of former President Dwight D. Eisenhower, 12161  
 print as House document, report, 12194  
 veto messages, medical facilities construction and modernization amendments of 1970, 12160
- President's Committee on Consumer Interests, appropriations, 1971, hearings, 12259**
- President's Council on Youth Opportunity, appropriations, 1971, hearings, 12259**
- Pressure:**  
 arbitrary pressure gradients, compressible laminar and turbulent boundary layers in FORTRAN program for calculating, 12772  
 fluctuating pressure environments, vibration responses of shells and plates, study, 12755  
 saturation-excursion diving to pressures equivalent to 800 to 1000 feet of seawater, pulmonary gas exchange and urinary electrolyte excretion, 12735  
 water vapor pressure function of concentration of anomalous component in modified water, USSR study, 12626
- Pressure vessels, glass filament-wound, static and dynamic fatigue behavior at ambient and cryogenic temperatures, 12794**
- Preventing office accidents, 12658**
- Preventive detention, hearings, 12371**
- Price lists, *see* Government publications—  
*also* subjects.**
- Prices, *see* Supply and demand—*also* subjects.**
- Primitive areas, *see* Wilderness areas.**
- Prince William County, Va., land conveyance to, report, 12246.**
- Prisoners of war, Vietnam conflict, payment of claims, amend War claims act, law, 12116**
- Private schools, *see* Schools.**
- Prizes, *see* Rewards (prizes, etc.).**
- Probabilities (mathematics):**  
 marriage, divorce, and remarriage, current population report, 12036
- Production:**  
 Defense production act of 1950, amend and extend—  
 hearings, 12267  
 law, 12124

- Production—Continued  
 productivity analysis in manufacturing plants, 12661  
 research under marketing agreement and order programs, authorize, law, 12118  
*see also* names or classes of commodities.  
 Productivity, *see* Production.  
 Professional papers, Geological Survey, 12589  
 Program aid series, 11954-959  
 Programming (computers), *see* Computer programs/programming.  
 Project Apollo (man-in-space program):  
 accident, Apollo 13, hearings, 12282  
 Project Nassau, *see* Columbia Broadcasting System.  
 Propagation, magnetospheric ducts, characteristics observed by Alouette-2 topside sounder, 12805  
 Property, *see* Real estate.  
 Propulsion, nuclear, Naval program, 1970, hearings, 12155  
 Providence, R.I.:  
 air quality control region, Federal facilities, air pollution report, 12837  
 area wage survey, 12714  
 Psychiatry, *see* Mental disorders.  
 Psychologists, employment outlook, 12688  
 Psychology, *see* Engineering psychology.  
 Public assistance, *see* Public welfare.  
 Public Broadcasting Corporation, appropriations, 1971, authorization, extend, report, 12237  
 Public buildings:  
 Federal facilities—  
 air pollution abatement, report by Secretary of Health, Education, and Welfare Dept., print as Senate document, report, 12353  
 air quality control region reports—  
 Baltimore, Md., 12834  
 Chattanooga, Tenn., 12833  
 Detroit, Mich., 12835  
 Phoenix-Tucson, Ariz., 12838  
 Pittsburgh, Pa., 12836  
 Providence, R.I., 12837  
 Puget Sound, 12839  
 Public debt:  
 increase in ceiling—  
 law, 12125  
 report, 12338  
 Treasury Department circular, 12950  
 Public Documents Division, price lists, 12907  
 Public Health Service:  
 act, amend—  
 hearings, 12279, 12375  
 reports, 12242, 12248  
 veto, 12160  
 Public libraries, *see* Libraries.  
 Public Printer:  
 fix subscription price for daily Congressional record, authorize—  
 law, 12104  
 report, 12184  
 Public relations, workers, employment outlook, 12665  
 Public speaking engagements, *see* Addresses, lectures, etc.  
 Public welfare:  
 medicaid and other medical care financed by public assistance funds, 1969 fiscal year, 12851  
 medical care, vendor payments by type of service, 12852  
 Public works:  
 appropriations, 1971—  
 report, 12207  
 Public works and economic development act of 1965, amend and extend—  
 law, 12127  
 report, 12340  
 River basin monetary authorization and miscellaneous civil works amendments act of 1970, law, 12110  
 Public Works Committee, House, report, 12340  
 Public Works Committee, Senate:  
 hearings, 12380-382  
 reports, 12327, 12355  
 Publications, *see* Government publications—  
*also* names of departments, etc., issuing publications—*also* subjects.  
 Pueblo (U.S.S.):  
 persons serving aboard, held captive by forces of North Korea, payment of claims, amend War claims act, law, 12116  
 Pugh, John R., bathysphere for fishery research, 12073  
 Puget Sound, air quality control region, Federal facilities, air pollution report, 12839  
 Pulmonary functions, *see* Respiratory system.  
 Pulp, *see* Wood pulp.  
 Pulpwood, *see* Wood pulp.  
 Pumping, hydrologic conditions and artificial recharge through well in Salem Heights area of Salem, Oreg., 12590  
 Pung, Tae, *see* Hills, Tae P.  
 Purchasing, institutional meat purchase specifications approved by USDA, lamb and mutton, 12356  
 Purchasing agents, employment outlook, 12667  
 Purees, *see* Tomato puree.  
 Purple martins, *see* Martins.  
 Puthoff (Richard L., parametric study of frangible-tube energy-absorption system for protection of nuclear aircraft reactor, 12751  
 Putnam County, Ohio, community profile, 12460  
 Pyromellitic dianhydride, polyimides from diaminoanthraquinones, 12800  
 Pyrrene polymers, *see* Polymers and polymerization.
- Q
- Quaking aspen, *see* Aspen.  
 Quality assurance, highway construction, 12908  
 Quality control, qualitative analysis of APC tablets, 12543  
 Quantitative analysis:  
 electron probe microanalysis, present state of classical theory, 12847  
 optically induced disorientation, 11979  
 Quantum electronics, physical principles of quantum gyroscopy, USSR study, 12653  
 Quapaw Indians, land restrictions, extend law, 12117  
 Quarantine, going abroad? important message from Pestina, 11958  
*see also* subjects.
- R
- Rackley, R. A., potassium tuboalternator (KTA), preliminary design study, alternator parametric design, 12754  
 Radar:  
 radar backscatter, effect of sea roughness on bandwidth, 12889  
 simulated ocean radar impulse responses from lunar radar measurements, 12894  
 study of sea return at normal and near-normal incidence, 12890  
 Radiation:  
 induced preparation of metals from their aqueous salt solutions, 12812  
 inviscid radiating shock layers, stagnation-point solutions, 12791  
 laser, biological effects, USSR study, 12633  
*see also* Heat transfer—Radioprotective agents.  
 Radiation chemistry, *see* Radiochemistry.  
 Radio, transistor, research in USSR, 12644



# INDEX

- Radio apparatus and appliances:  
 method of radio astronomical observations and equipment construction principles, USSR study, 12649  
 radio equipment interference and interference suppression, USSR study, 12650
- Radio astronomy:  
 high efficiency parabolic antennas, USSR study, 12655  
 radio astronomical observations method and equipment construction principles, USSR study, 12649
- Radio equipment, *see* Radio apparatus and appliances.
- Radio interference, interference and interference suppression in radio equipment, USSR study, 12650
- Radio waves, magnetospheric ducts, characteristics observed by Alouette-2 topside sounder, 12805
- Radiochemistry, radiation—Induced preparation of metals from their aqueous salt solutions, 12812
- Radiography, radiographic test for electrodeposit porosity, 12748
- Radionuclides, transport of radionuclides by streams (series), 12589
- Radiophysics, studies of aurorae and upper atmosphere by radiophysical methods, 12830
- Radioprotective agents, radioprotective action of antioxidants, obtained from petroleum products, USSR study, 12627
- Railroad employees:  
 retirement act of 1937, etc., amend to increase benefits—  
 law, 12129  
 report, 12330
- Railroad equipment, *see* Railroad supplies.
- Railroad retirement act, *see* Railroad employees.
- Railroad Retirement Board:  
 appropriations, 1971, hearings, 12259  
 railroad retirement accounts, interest on investments, change method of computing, report, 12330
- Railroad supplies, census of manufacturers, 1967, industry statistics, 12010
- Ramasastry, J., characteristics of magnetospheric ducts observed by Alouette-2 topside sounder, 12805
- Randolph County, N.C., community profile, 12461
- Range finding, method for determination of accuracy of closed distant stationary orbits determined from range rate, 12818
- Range-management specialists, managers, conservation occupations, employment outlook, 12682
- Rapid transit, *see* Local transit.
- Rarefied gases, *see* Gases.
- Rate training manuals, 12885-887
- Rathdrum Prairie project, East Greenacres unit, construct, operate, and maintain, law, 12113
- Ratio analysis for small business, 12914
- Rats, reproduction of organophosphorus pesticide effects, 11980
- Reactivity, PERTRAN, transport-perturbation program, 12823
- Reactor safety, *see* Safety of life.
- Reactors (atomic):  
 PERTRAN, transport-perturbation program, 12823  
 protection of nuclear aircraft reactor, parametric study of frangible-tube energy-absorption system for, 12781
- Reading, frost gage direct is reliable, inexpensive, 12553
- Real estate:  
 D.C. property in Prince William County, Va., disposition, authorize, report, 12246  
 Farmers Home Administration loan limitation, increase, report, 12226
- Real property, *see* Real estate.
- Receivers (radio):  
 Omega aircraft receivers, precipitation effects, 12896
- Receptionists, employment outlook, 12693
- Recipes, portraits with pollock, 12075
- Reclamation Bureau, research report, 12910
- Reclamation of land:  
 answering your questions about reclamation, 12909  
 private and public ownership, differentiation, Federal laws, acreage limitation amendments, law, 12133
- Reclamation projects, *see* Reclamation of land.
- Records:  
 economic papers, 1966-69, FTC, 12537  
 Government, disposal, amend U.S. Code, law, 12114  
 retention requirements, guide, 12529  
*see also* subjects.
- Recreation, water resource projects, cost sharing grants, report, 12224
- Recreation areas and demonstration projects, *see* names of areas.
- Recursion formula for logarithmic derivatives of spherical Bessel functions in complex plane, 12513
- Red Bluff Recreation Area, general recreation development plan, 12874
- Red pine, *see* Pine.
- Redevelopment (city planning, etc.):  
 alternative approaches to rebuilding 7th, 14th streets, NW. and H street, NE., 12849  
 Housing and urban development act of 1965, title 7, amend, report, 12232  
 housing and urban development legislation of 1970, hearings, 12266  
 urban renewal handbooks, 12604-605
- Reed, Curtis N., relief, 12296
- Reflection:  
 all multiple reflections and shading among diffuse gray surfaces in spacecraft, method or thermal analysis, 12824  
 sonic booms by buildings, laboratory investigation, 12799
- Refractory alloys, *see* Alloys.
- Refuse, sanitary landfill, accounting system for operations, 12930
- Regulations, *see* Code of Federal regulations—*also* names of departments, etc., issuing regulations—*also* subjects.
- Relaxation time (physics):  
 piecewise ergodic problem for gas systems, 12892
- Reliability (mechanical):  
 integrated circuits, multilevel large scale, failure modes, study, 12763
- Reorganization of Government activities, *see* Government reorganization plans.
- Reports, *see* names of departments, etc. issuing reports—*also* subjects.
- Reproduction, rat, organophosphorus pesticide, effects, 11980
- Research:  
 and development directory of Federal R & D installations, report to Federal Council for Science and Technology, 12879  
 directory of Federal R & D installations, report to Federal Council for Science and Technology, 12879  
 grant and award programs of National Institutes of Health, guide, 12859  
*see also* names of departments, etc., doing research—*also* subjects.
- Research and development reports, Atomic Energy Commission, 11975
- Research and statistics notes, Social Security Administration, 12921-922
- Research notes, Forest Service, 12550-559
- Research papers, Forest Service, 12560-566
- Research reports, Reclamation Bureau, 12910



Reserve components of Armed Forces, personnel strengths for 1971, authorization, report, 12352  
*see also* Air Force Reserve.

Reshotko, Meyer, heat transfer in 60° half-angle of convergence nozzle with various degrees of roughness, 12816

Resonance:  
 absorbers, spatial capture distributions in, estimation, 12783  
 neutron pseudo resonance parameter chains in unresolved energy region, DAISY, efficient program for production, 12802

Resource bulletins, Forest Service, 12567-568

Resource publications (series), 12934

Resources, *see* Natural resources.

Respiratory equipment, respirable dust sampling requirements under Federal coal mine health and safety act of 1969, 12742

Respiratory system, pulmonary gas exchanges and urinary electrolyte excretion during saturation-exursion diving to pressures equivalent to 800 and 1000 feet of seawater, 12735

Retail trade, census of business, 1967, merchandise line sales, 11986-996

Retirement, early retirement program, and certain personal factors, notes, 12921  
*see also* Air Force Reserve.

Rewards (prizes, etc.), science and technology, USSR, 12630

Rhode Island, fishery products, wholesale dealers, list, 12076

Richland County, Ohio, community profile, 12462

Richmond County, N.C., community profile, 12463

Rickover, Hyman G., testimony, hearings, 12155

Rings, generalized ring stiffness matrix for ring-stiffened shells of revolution, 12774

Rivers:  
 basin plans, additional authorizations, 1970, law, 12110  
 generalization of stream-flow characteristics from drainage-basin characteristics, 12593  
 stream dispersion at selected sites, 12589  
 transport of radionuclides by streams (series), 12589

Roads and highways:  
 Federal laws, regulations, and material relating to Federal Highway Administration, 12522  
 highway and street construction contractors, census of construction industry, 1967, industry statistics, final report, 11997  
 highway construction, quality assurance, 12908  
 interstate system, questionable basis for approving certain auxiliary route segments of interstate highway system, GAO report, 12585

Robeson, County, N.C., community profile, 12464

Robinia pseudoacacia, *see* Locust trees.

Robinson, James F., making and preserving apple cider, 11948

Rockets:  
 constant-gain systems with vector feedback, stability, 12777  
 Saturn launch vehicle's navigation, guidance, and control system, description and performance, 12809

Rockingham County, N.C., community profile, 12465

Rocks, metamorphic, tunnel boring technology, disk cutter experiments, 12743

Rodriguez, Marcos R., relief, 12308

Rogers, Edith N., Veterans' Administration Hospital, Bedford Mass., named for, report, 12187

Roll, coupled roll-spiral mode effects on lateral-directional handling qualities, simulator study, 12769

Romney, Cumorah K., relief, 12183

Rope, *see* Wire rope.

Rose, Arthur I., union wages and hours, local truckdrivers and helpers, 12717

Ross County, Ohio, community profile, 12466

Roszbach, R. J., hydrodynamic journal bearing test and analysis, 12756

Rowan County, N.C., community profile, 12467

Royt, T. R., electrical noise in GaAs diode lasers, 12888

Rules, *see* International law—*also* subjects.

Rules and Administration Committee, Senate, reports, 12818-319, 12821, 12353-354

Rules Committee, House reports, 12185-186, 12188, 12195-197, 12205-206, 12211-212, 12219-220, 12231, 12242-244

Rumsfeld, Donald, address, Mar. 13, 1970, 12491

Rural communities, prospects for growth and rebuilding in next decade (address), 12491

Russo, Robert S.:  
 air pollution report, Federal facilities—  
 Chattanooga, interstate air quality control region, 12833  
 Providence interstate air quality control region, 12837  
 Puget Sound, intrastate air quality control region, 12839

Rusts (plant diseases), *see* Gall rust.

Rutherford County, N.C., community profile, 12468

Rutzick, May A., skills and location of defense-related workers, 12720

Ryan, Leonard C., effects of organophosphorus pesticide on reproduction in rat, 11980

S

Safe work guide, Department of Labor safety training programs, SWG LS series, 12660

Safety in the air, *see* Safety of life.

Safety of life:  
 air safety, rules of National Transportation Safety Board, pertaining to accidents, etc., investigations, 12882  
 Federal coal mine health and safety act of 1969 respirable dust sampling requirements, 12742  
 FSS, flight service stations, pioneers of flight safety, 1920-1970 history, 12516  
 highway crashes, causation, culpability and deterrence, 12949  
 horse safety guidelines, 12520  
 Labor Dept. training programs—  
 occupational safety aid, OSA LS series, 12658-659  
 safe work guide, 12660  
 metalworking machines safeguarding, safe work guide, 12660  
 mine safety, Federal coal mine health and safety act of 1969 legislative history, 12269  
 National Transportation Safety Board's role in promoting public safety (remarks), 12884  
 protection of nuclear aircraft reactor, parametric study of frangible-tube energy-absorption system for, 12781  
 safety training techniques in the classroom, 12659

St. Lawrence River and Valley, Seaway, traffic report, 12912

St. Lawrence Seaway Authority, traffic report of St. Lawrence Seaway, 12912

St. Lawrence Seaway Development Corporation, traffic report of St. Lawrence Seaway, 12912

St. Louis, Mo., area wage survey, 12709

# INDEX

## Salaries:

- District of Columbia:
  - firemen, increase, report, 12199
  - police, increase, report, 12199
  - teachers, increase, report, 12199
- overpayments to Air Force civilian employees at Kelly Air Force Base, Tex., 12105
- postal employees, salary adjustments for 1970, reports, 12195, 12256
- see also* Wages.
- Salem, Oreg., Salem, Heights area, hydrologic conditions and artificial recharge through well, 12590
- Sales, *see* names of commodities, etc.
- Saline water, *see* Sea water—Water.
- Salt, aqueous salt solutions used in radiation induced preparation of metals, 12812
- Salt water, *see* Sea water.
- Samoa, *see* American Samoa.
- Sampling (statistics):
  - rarefied diffusion by model sampling, 12786
- Sampson County, N.C., community profile, 12469
- San Antonio, Tex., area wage survey, 12713
- Sand:
  - Alabama sand, recovery of heavy minerals, 12749
  - does bedding promote pine survival and growth on ditched wet sands? 12558
- Sandusky County, Ohio, community profile, 12470
- Sanitation:
  - sanitary facilities for Indians, need for improved practices for obtaining equitable contributions toward cost of constructing, GAO report, 12577
  - sanitary landfill, accounting system for operations, 12930
- Santa Ana, Calif., area wage survey, 12708
- Sanzo, Richard, ratio analysis for small business, 12914
- Saprophytes, saprophytic microbes in etiology of experimental neuroparalytic diseases, role of toxins, USSR study, 12622
- Sapwood, sugar maple, variation in density, 12554
- Sartwell, Bruce D., range in metals and metal oxide systems of heavy ions in energy range 60 to 400 KEV, 12746
- Satellites:
  - Alouette-2 topside sounder observation of characteristics of magnetospheric ducts, 12805
  - meteorological, views of cloud growth associated with development of secondary cyclones, 12771
  - satellite meteorology, 12827
  - thin-walled cylinder of open section, coupled thermally-induced transverse plus torsional vibrations, 12826
- Saturn (rocket), *see* Rockets.
- Saville, Thorndike, jr., coastal regime, recent U.S. experience, 12508
- Sawmills, census of manufactures, 1967, industry report, 12001
- Sawtimber, *see* Timber.
- Scanning, pilot scanning and control behavior during simulated instrument approaches, measurement and analysis, 12759
- Schaefer, Karl E., pulmonary gas exchange and urinary electrolyte excretion during saturation-excision diving to pressures equivalent to 800 and 1000 feet of seawater, 12735
- Schapiro, Leonard, testimony, hearings, 12365
- Scheiner, B. J., electrolytic oxidation of cinnabar ores for mercury recovery, 12750
- Scherrer, Victor E.:
  - kinetic electron temperature measurement techniques for helium, 12806
  - laser heating of ionized helium, 12792
- Schindler, A. I., electron-paramagnon interaction effects in nearly ferromagnetic metals, 12897

- Schlegel, Earl S., study of failure modes of multilevel large scale integrated circuits, 12763
- Schleiren photography, *see* Photography.
- Schlick, Donald P., respirable dust sampling requirements under Federal coal mine health and safety act of 1969, 12742
- Schnetzer, E., potassium turboalternator, preliminary design study, 12765
- School finance, *see* Education.
- Schools:
  - odd-campus study centers for Federal employees, 12049
  - private, good training, good job, through MDTA, 12502
  - special milk program extend, law, 12121
  - State systems, 1967-68 preliminary statistics, 12503
  - see also* Nurses and nursing.
- Science:
  - course and curriculum improvement projects, 12878
  - FDA's science project series, 12543
  - Soviet prizes, 12630
- Science and Astronautics Committee, House:
  - hearings, 12282-283
  - publications, list, 12284
- Scientific research:
  - directory of Federal R & D installations, report to Federal Council for Science and Technology, 12879
  - NSF program guide, 12830
- Scientists, Soviet cooperation with foreign scientists, 12634
- Scoggins, James R., investigation of small-scale motions and forecasting of wind profiles over short periods of time at Cape Kennedy, Fla., 12758
- Scott, Forrest E., major statistical series of Department of Agriculture, how they are constructed and used; agricultural marketing costs and charges, 11946
- Sea, *see* Ocean.
- Sea food, technology's role in seafood industry, 12066
- Sea water:
  - desalinating, experimental industrial adiabatic installation, USSR study, 12631
  - desalting cost calculating procedures, 12610
  - saline water, solar distillation, manual, 12609
  - simulated deep submarine escape from 495 feet of sea water, 12736
- Seafood, *see* Sea food.
- Seago, J. B., soil survey of Wells County, N. Dak., 12928
- Seals and glands, vacuum leakage tests of simulated lightweight spacecraft air lock, 12808
- Seapower, *see* Freedom of the seas.
- Seasonal labor, migrant and seasonal farm worker powerlessness, hearings, 12378
- Seawater, *see* Sea water.
- Secretaries, employment outlook, 12694
- Secunde, Richard R., mercury electrochemical coulometer as battery state-of-charge indicator, 12789
- Sedimentary rocks, tunnel boring technology, disk cutter experiments, 12743
- Seedlings, *see* names of plants or trees.
- Seeds, *see* names of plants or trees.
- Self-study course in FORTRAN programming, textbook, 12753
- Semler, Thor T., DAISY, efficient program for production of neutron pseudo resonance parameter chains in unresolved energy region, 12802
- Senate:
  - documents, 12289-291
  - reports—
    - private bills, 12292-317
    - public bills, 12318-355
  - Senate documents, 12289-291



- Senate reports:  
 private bills, 12292-317  
 public bills, 12318-355
- Seney National Wildlife Refuge, birds, list, 12932
- Serial set (congressional), 12088-90
- Servants, women private household workers, fact sheet, 12954
- Servicemen, *see* Armed Forces.
- Severance pay, *see* Wages.
- Sewage, basic sewer facilities grants, 12601
- Shacter, Francine E., directory of non-federal statistics for States and local areas, guide to sources, 12037
- Shades and shadows, all multiple reflections and shading among diffuse, gray surfaces in spacecraft, method for thermal analysis, 12824
- Shands, W. A., controlling potato insects, 11949
- Shapes, determination of inflated shape and inertial properties of all-flexible parawing, 12821
- Shapiro, A., simulated ocean radar impulse responses from lunar radar measurements, 12894
- Shellac, disposal from national stockpile, law, 12147
- Shellfish:  
 New Jersey landings, 12063  
 Oregon landings, 12062  
 Virginia landings, 12064  
 Washington State landings, 12061
- Shells (aircraft):  
 generalized ring stiffness matrix for ring-stiffened shells of revolution, 12774  
 shells and plates, vibration responses to fluctuating pressure environments, study, 12755
- Shenk, William E., meteorological satellite views of cloud growth associated with development of secondary cyclones, 12771
- Shields, spatial capture distributions in resonance absorbers, estimation, 12783
- Shigo, Alex L., some effects of paraformaldehyde on wood surrounding tapholes in sugar maple trees, 12565
- Shipbuilding:  
 apprenticeship schedules, building and construction trades, 11967-968  
 relative cost in various coastal districts of U.S., annual report to Congress, 12729  
 ship and boat equipment, census of manufactures, 1967, industry statistics, 12010
- Shipments, *see* names of articles shipped.
- Shippers, shipper groups, commodity transportation survey, 1967 census of transportation, 12013
- Ships:  
 designs for U.S. flag merchant fleet, 12730  
 military procurement appropriations, 1971, authorization, report, 12352  
*see also* Fishing vessels—*also* names of ships.
- Shock (mechanical):  
 reflected shock air plasmas at 12-16,000°K, thermodynamic property measurements, 12766  
 stagnation-point solutions for inviscid radiating shock layers, 12791
- Shock waves, *see* Sonic boom.
- Shoes, *see* Boots and shoes.
- Shooting, shooting animals from aircraft, prohibit, provide Federal criminal penalty, hearing, 12280
- Sigalionidae, *see* Polychaeta.
- Sight:  
 quantitative evaluation of optically induced disorientation, 11979  
 significance of visual information in forming spatial perception in weightlessness, USSR study, 12654
- Silver, gold and silver content manufactured articles, misrepresentation of quality, provide civil remedy, report, 12205
- Silverware, census of manufactures, 1967, industry statistics, 12011
- Simons, J. W., surface bonding of concrete blocks, technique for erecting block walls without mortar joints, 11947
- Simulation:  
 digital simulation of XB-70 inlet and its application to flight-experienced free-stream disturbances at Mach numbers of 2.4-2.6, investigation, 12798  
 in ground-test facilities of ablation performance of charring ablators during atmospheric entry, 12788  
 simulator study of coupled roll-spiral mode effects on lateral-directional handling qualities, 12769
- Simulators, simulated lightweight spacecraft air lock, vacuum leakage tests, 12808
- Singers, employment outlook, 12687
- Sioux Indians, Fort Peck Indian Reservation, Sioux Tribe judgment funds, disposition, law, 12111
- Sites:  
 embassy sites, agreement with Union of Soviet Socialist Republics, 12942  
 stream dispersion at selected sites, 12589
- Skilled workers, *see* Labor.
- Slaughtering:  
 custom operations, report, 12209  
 facilities in frozen food locker cooperatives, production and performance, 12514
- Slash pine, *see* Pine.
- Sledge, O. D., study of sea return at normal and near-normal incidence, 12890
- Sloat, Henry H., Red Bluff Recreation Area, general recreation development plan, 12874
- Small business, *see* Business.
- Small Business Administration:  
 annual report, 12913  
 SBA lease guarantee, Old Dominion Sugar Corp., hearings, 12285
- Small Business, Select Committee on, House hearings, 12285
- Small Business, Select Committee on, Senate, hearings, 12383
- Smith, Paul F.:  
 effects of exposure to intense low frequency tones on hearing and performance, 12733  
 underwater hearing in man, comparison of temporary threshold shifts induced by 3500 Hertz tones in air and underwater, 12732
- Smithsonian Institution:  
 appropriations, 1971, report, 12254  
 contributions to zoology, 12915-916
- Soap, Federal item identification guide, change, 12394
- Social and Rehabilitation Service, nursing home care under medical program in California, problem in approving and paying, GAO report, 12583
- Social processes, *see* Society.
- Social sciences:  
 course and curriculum improvement projects, 12878  
 Government in emergency, suggestions for including civil defense principles in social studies curriculum, grades 1-12, 12040
- Social scientists, employment outlook, 12689
- Social security:  
 amendments of 1969, amend. law, 12129  
 benefits under social security amendments of 1969, 12920  
 bulletin, statistical supplement, 12923  
 medical insurance, medicare handbook, 12925  
 research and statistics note, 12921-922  
*see also* Old-age, survivors, and disability insurance.
- Social Security Administration, SSI series, 12924
- Social studies, *see* Social sciences.



# INDEX

## Social work and problems:

- Federal programs, progress and effectiveness, annual social report, require, report, 12348
- Full opportunity act, report, 12348
- Social workers, employment outlook, 12690
- Socialism, role of management and control systems, USSR study, 12651
- Society, toward balanced growth, quantity with quality, report of National Goals Research Staff, 12905
- Socioeconomics, socioeconomic aspects of mining in selected cities, urbanization and surface mining, Atlanta, Ga., 12741
- Sociologists, employment outlook, 12689
- Soils:
  - soil survey reports—
    - McCreary-Whitley area, Ky., 12927
    - Wells County, N. Dak., 12928
- Solar energy, solar distillation of saline water, manual, 12609
- Solar power, *see* Solar energy.
- Soldiers Home, District of Columbia, appropriations, 1971, hearings, 12259
- Solid wastes, *see* Waste products.
- Somma, Ryuzo, citizenship, confer post-humously, 12177
- Sonic boom, diffraction and reflection, by buildings, laboratory investigation, 12799
- Sound:
  - electrical discharges and sounds in some nonelectric fish of Black Sea, USSR study, 12656
  - underwater hearing in man, comparison of temporary threshold shifts induced by 3500 Hertz tones in air and underwater, 12732
- South Carolina:
  - census of business, retail trade, merchandise line sales, 11995
  - county business patterns, 12032
  - low country, buildings, Historic American Buildings Survey, records, 12872
  - small watershed projects, program, hearing, 12382
- South Dakota, county business patterns, 12033
- South Pacific Commission, U.S. participation, increase ceiling, hearing, 12273
- Southern Utilization Research and Development Division, publications and patents, semiannual list, 11944
- Soviet Union, *see* Union of Soviet Socialist Republics.
- SP series, *see* Federal Maritime Commission—Maritime Administration—National Aeronautics and Space Administration.
- Space, *see also* Outer space.
- Space communications, high efficiency parabolic antennas and radio astronomy, USSR study, 12655
- Space environment, *see* Environment.
- Space navigation, *see* Navigation.
- Space perception, significance of visual information in forming spatial perception in weightlessness USSR study, 12654
- Space vehicles, *see* Spacecraft.
- Spacecraft:
  - electronic circuit designs for space vehicles, control, 12825
  - landing energy absorption, including effect of penetration by payload into its crushable casing, approximate analytical models, 12801
  - method for thermal analysis, including all multiple reflections and shading among diffuse gray surfaces, 12824
  - Saturn launch vehicle's navigation, guidance, and control system, description and performance, 12809
  - simulated lightweight spacecraft allock, vacuum leakage tests, 12808
- Spacecraft accidents, Apollo 13, hearings, 12282
- Spatial perception, *see* Space perception.

- Specifications, *see* Government supplies.—*also* subjects.
- Spectrographs, kinetic electron temperature measurement techniques for helium, 12806
- Spectroscopy, laser heating of ionized helium, 12792
- Speech pathologists, employment outlook, 12676
- Speed, *see* Air speed.
- Spiral aftereffects, coupled roll-spiral mode effects on lateral-directional handling qualities, simulator study, 12769
- Sport Fisheries and Wildlife Bureau:
  - refuge leaflets, 12931-933
  - resource publication (series), 12934
- Sporting goods, census of manufactures, 1967, industry statistics, 12012
- Sprayers, hand-operated, mobile types, etc., 11951
- Sprouting potential of dormant buds on bole of pole-size sugar maple, 12552
- SSI series, 12924
- Stability:
  - electron beam injected into space, 12803
  - hydrodynamic journal bearing test and analysis, 12756
- Stability of aircraft, pilot's weight and balance handbook, 12541
- Stability of spacecraft, stability of constant-gain systems with vector feedback, 12777
- Stabilization, economic stabilization act of 1970, hearings, 12267
- Stagnation point, solutions for inviscid radiating shock layers, 12791
- Stamper, John W., aluminum, 12738
- Standards and standardization:
  - air pollution, national emission standards study, HEW report, print as Senate document, report, 12819
  - military standards, 12397-398
  - National Bureau of Standards, standard reference materials, catalog, 12842
  - see also* subjects.
- Stanly County, N.C., community profile, 12471
- Starfishes:
  - crown of thorns starfish, in tropical Pacific Ocean, control program, hearing, 12366
- Zorocallida, new order, and Doraster constellata with notes on Zorasteridae (Echinodermata: asterioidea), 12916
- State aid, *see* Grants-in-aid.
- State government, *see* Government.
- States:
  - and local areas, directory of non-federal statistics, guide to sources, 12037
  - Federal grants, construction of facilities for persons affected by mental retardation and other developmental disabilities, report, 12243
  - forest fire control, cooperative program financing, 12546
  - governments, finances, correction notice, 12039
  - meat inspection services report, 12209
  - private and public ownership of lands, differentiation, Federal reclamation laws, acreage limitation amendments, law, 12133
  - school system, 1967-68 preliminary statistics, 12503
  - tax withholding for interstate transportation employees, exempt, report, 12201
- Statistics, non-federal, for States and local areas, directory, guide to sources, 12037 *see also* subjects.
- Staudinger, Konrad L., relief, 12293
- Steel:
  - foundries, census of manufactures, 1967, industry statistics, 12006
  - structural, yield strength and fracture toughness influence on fatigue design procedures, 12891

Steel—Continued

- 12-5-3 maraging steel plate, characterization of TIG welds by application of new scaling method for KIC plasticity corrections, 12895
- Steinhilb, H. M., weights and centers of gravity for quaking aspen trees and boles, 12555
- Stenographers:
  - employment outlook, 12694
  - take a giant step, go Government, 12048
- Stephenson, Samuel R., relief, 12166
- Stewart, Maxine G., U.S. economy in 1980, summary of BLS projections, 12718
- Stiffeners (aircraft):
  - generalized stiffness matrix for ring-stiffened shells of revolution, 12774
- Stockpiling, *see* Strategic materials.
- Stokes County, N.C., community profile, 12472
- Stonesifer, F. R., characterization of TIG welds in 12-5-3 maraging steel plate with application of new scaling method for KIC plasticity corrections, 12895
- Storage, *see* names or classes of articles stored.
- Storekeepers, *see* Aviation storekeeper.
- Strains and stresses:
  - coupled thermally induced transverse plus torsional vibrations of thin-walled cylinder of open section, 12826
  - fatigue behavior of glass filament-wound pressure vessels at ambient and cryogenic temperatures, 12794
  - fatigue-crack growth under simple variable-amplitude loading, investigation, 12775
  - fatigue design procedures for structural steels, yield strength and fracture toughness influence, 12891
  - stress-rupture life of discontinuous fiber composites, influence of fiber aspect ratio, 12782
- Strategic materials:
  - disposal from national and/or supplemental stockpile of—
    - bauxite, Surinam-type metallurgical grade, law, 12149
    - bismuth, law, 12141
    - cadmium, law, 12137
    - castor oil, law, 12142
    - chromite, refractory grade, law, 12151
    - chrysotile asbestos, law, 12152
    - cobalt, law, 12140
    - corundum, law, 12153
    - fluorspar, acid grade, law, 12143
    - graphite, natural Ceylon amorphous lump, law, 12150
    - magnesium—
      - law, 12144
      - report, 12202
    - manganese, natural battery grade, report, 12203
    - manganese ore, chemical grade, type A, law, 12203
    - type B, law, 12146
    - molybdenum, report, 12204
    - shellac, law, 12147
    - tungsten, law, 12148
  - stockpile disposal bills, 12265
- Streams, *see* Rivers.
- Streets:
  - construction contractors, census of construction industry, 1967, industry statistics, final report, 11997
  - Omnibus crime control and safe streets act of 1968, amend, reports, 12189, 12212
  - rebuilding 7th, 14th streets, NW, and H street, NE., District of Columbia, 12849
- Strength of materials:
  - solid state plasticity and strength, new Soviet booklet, 12641
  - yield strength and fracture toughness influence on fatigue design procedures for structural steels, 12891

- Stresses (mechanical), *see* Strains and stresses.
- Strokes:
  - research program, extend and improve—hearings, 12279
  - report, 12248
- Structural materials, *see* Construction materials.
- Structural steel, *see* Steel.
- Structures, *see* Strains and stresses.
- Students:
  - enrolled for advanced degrees, fall 1969, preliminary report, 12506
  - Federal and State student aid programs, compilation, print as Senate document, report, 12190
- Subject headings, key-word descriptors, equilibrium critical phenomena in fluids and mixtures comprehensive bibliography, 12844
- Submarine boats:
  - atomic, habitability, USSR study, 12637
  - escape and immersion equipment, open sea surface, evaluation, 12734
  - open-sea escape, experimental training, 12737
  - simulated deep submarine escape from 495 feet of sea water, 12736
- Submarine Medical Center, *see* Naval Submarine Medical Center.
- Submarines, *see* Submarine boats.
- Subsistence, Federal item identification guide, change, 12395
- Subsonic aircraft, *see* Aircraft.
- Suburban and farm vegetable gardens, 11950
- Sugar maple, *see* Maple.
- Sulfates, fly ash increases resistance of concrete to sulfate attack, 12910
- Sullivan, G. V., recovery of heavy minerals from Alabama sand and gravel operations, 12749
- Sullivan, Irene S., relief, 12316
- Suos, Someth, Cambodian, basic course, 12935
- Supersonic aircraft, *see* Aircraft.
- Supersonic cones, *see* Cones.
- Supersonic flows, *see* Flow.
- Supplies, *see* Government supplies.
- Supply and demand, growth in world demand for feed grains related to meat and livestock products and human consumption of grain, 12496
- SURBAL, computerized metals and bounds surveying, 12559
- Surf clams, *see* Clams.
- Surface mining, *see* Mines and mining.
- Surfaces, diffuse, gray surfaces in spacecraft, method for thermal analysis including all multiple reflections and shading, 12824
- Surfacing materials, surface bonding of concrete blocks, technique for erecting block walls without mortar joints, 11947
- Surgery, surgical operations, cryogenic unit applicable, USSR study, 12647
- Surry County, N.C., community profile, 12473
- Surveying, SURBAL, computerized metals and bounds, 12559
- Surveyors, employment outlook, 12691
- Surveys, *see* subjects of surveys.
- Symposiums, *see* subjects.
- Systems, *see* names or types of systems, e.g. linear systems.
- Swamplands, wetlands, preserve, restore and improve, report, 12250
- Swearingen, J. J., determination of centers of gravity of infants, 11977
- Swimming pools, minimum property standards, HUD handbook, 12603
- Swofford, Doyle P., method for thermal analysis of spacecraft, including all multiple reflections and shading among diffuse gray surfaces, 12824



## INDEX

- Sycamore, cutting angle and depth of cut, effect on occurrence of chipped grain, 12556
- Sycamore Canyon Wilderness, designate as wilderness area, proposal, report, 12322
- Synthesis, pyrrone polymers, 12761
- Systematic method of calculating reduced matrix elements of single-particle operators, 12811
- Systems, constant-gain systems with vector feedback, stability, 12777
- T**
- Tae Pung, *see* Hills, Tae P.
- Tahoe, Lake, national lakeshore, establish, study, report, 12320
- Take a giant step, go Government, 12048
- Talbert, S. G., manual on solar distillation of saline water, 12609
- Talbot, Kathryn, relief, 12295
- Tanks (containers) :  
cylindrical tank partly filled with liquid, head to base transfer function characteristics, 12804  
hemispherically bottomed, in normal gravity and in weightlessness, effect on vapor ingestion phenomenon, 12776
- Tanning and tanning materials, *see* Leather, hides and skins.
- Tantalum :  
alloy, T-111 (tantalum-8 tungsten-2 hafnium), survey of properties, 12810  
wire filaments, effect of various gases on thermionic emission, 12807
- Tapes (magnetic), *see* Magnetic tape.
- Tariff :  
schedules annotated, supplements, 12047  
tariff and trade proposals, hearings, 12287  
*see also* names or classes of articles imported or exported.
- Task scheduling for real time multiprocessor, 12790.
- Taxation, career opportunities, Internal Revenue Service, 12615  
*see also* Employment taxes—Inheritance and transfer tax.
- Taxes, *see* Employment taxes.
- Teachers, District of Columbia, salaries, increase, report, 12199.
- Technical education, facts about Bureau of Adult, Vocational, and Technical Education, 12499
- Technical manuals, Army Department, 11973
- Technical notes, National Aeronautics and Space Administration, 12770-825
- Technical progress reports, Mines Bureau, 12749-750
- Technical reports :  
Engineers Corps, Army, Honolulu District, 12510  
Environmental Science Services Administration, 12513  
National Aeronautics and Space Administration, 12826
- Technical translations, National Aeronautics and Space Administration, 12827-831
- Technology :  
assessment, hearings, 12283  
role in seafood industry, 12066  
Soviet prizes, 12630  
*see also* subjects.
- Technology and Environment, National Advisory Commission on, *see* National Advisory Commission on Technology and Environment.
- Technology Assessment Office, establish, hearings, 12283
- Telephone operators, employment outlook, 12695
- Temperatures, kinetic electron temperature measurement techniques for helium, 12806
- Tennessee, county business patterns, 12034
- Tennessee Valley Authority, appropriations, 1971, report, 12207
- Testing, *see* names of substances or objects tested.
- Tests, *see* types and names of tests, e.g. Combustors.
- Texas, small watershed projects, program, hearing, 12382
- Textbooks, *see* subjects.
- Textiles :  
cloth coating imperfections, glossary, military standard, 12398  
dyeing and finishing, census of manufactures, 1967, industry statistics, 11999  
fabric flammability, bibliographies, 12845  
Thinning of forests, *see* Forest thinning.
- Thomas, D. M., generalization of stream-flow characteristics from drainage-basin characteristics, 12593
- Thomas Pate House, Colonial National Historical Park, Yorktown, Va., historic data, 12875
- Thermal analysis, *see* Heat.
- Thermal protection, ablation performance of charring ablators during atmospheric entry, simulation in ground-test facilities, 12788
- Thermionic emissions, various gases, effect on tantalum wire filament emission, 12807
- Thermodynamics :  
and kinetics of high-temperature gases, conference proceedings, 12763  
thermodynamic properties of seeded coal combustion products, 12739  
thermodynamic property measurements in reflected shock air plasmas at 12-16,000°K, 12766
- Thermoelasticity, coupled thermally induced transverse plus torsional vibrations of thin-walled cylinder of open section, 12826
- Thread mills, census of manufactures, 1967, industry statistics, 12000
- 3 leaves mean poison Ivy, 11955
- Thresholds (perception), underwater hearing in man, comparison of temporary threshold shifts induced by 3500 Hertz tones in air and underwater, 12732
- TIAS series, 12939-942
- Tidball, R. A., development studies on flash distillation process, 12613
- Timber, cutting strategies and timber yields for unbalanced even-aged northern hardwood forests, 12563  
*see also* Hardwoods.
- TIROS (television infrared observation satellite), *see* Satellites.
- Tlinget Indians, judgment funds, disposition report, 12218
- To move the mountain, 12507
- Tobacco acreage allotments, lease and transfer authority, extend, law, 12112
- Tolyabe National Forest, extend boundaries, report, 12241
- Tompkins, Stephen S., simulation in ground-test facilities of ablation performance of charring ablators during atmospheric entry, 12788
- Tones :  
intense low frequency, effects of exposure on hearing and performance, 12733  
underwater hearing in man, comparison of temporary threshold shifts induced by 3500 Hertz tones in air and underwater, 12732
- Tooker, E. W., mineral resources of Emigrant Basin Primitive Area, Calif., 12587
- Topographic surveying, *see* Surveying.
- Topside sounder, *see* Satellites.
- Torques, antiwear and extreme pressure additives in synthetic paraffinic lubricant on ball spinning torque, effects, 12797
- Torres-Reyes, Ricardo :  
farming and land uses, general study, Minute Man National Historical Park, 12868



Torres-Reyes, Ricardo—Continued  
ground cover study, Fort Necessity National Battlefield, Pa., 12869

Torsion, *see* Strains and stresses.

Touchet division, *see* Walla Walla project.

Townsend, Dennis P., effects of antiwear and extreme-pressure additives in synthetic paraffinic lubricant on ball spinning torque, 12797

Townsend, James C., aerodynamic interference effects on half-cone bodies with thin wings at Mach 10.03, 12820

Toxins, role of toxins of certain saprophytic microbes in etiology of experimental neuro-paralytic diseases, USSR study, 12622

Toys, census of manufactures, 1967, industry statistics, 12012

Trade, *see* names or classes of commodities.

Trade and industry publication, 11966-968

Trades, *see* Occupations.

Traffic:  
operations, urban area improvement program, Transportation Dept. report,—12289  
print as Senate document, report, 12354  
St. Lawrence Seaway, report, 12912

Traffic managers, *see* Managers.

Traffic safety, *see* Safety of life.

Traineeships:  
nurse, professional traineeships, schools offering full-time academic study, list, 12597  
registered nurses under Public health traineeship program, 12861

Training:  
flight training, use of tranquilizer chlor-diazepoxide, 11976  
good training, good jobs, MDTA, through private school, 12502  
skilled trade, train through apprenticeship, 11969  
traineeships for registered nurses under Public health traineeship program, 12861  
*see also* Naval education—also subjects.

Training schools for nurses, *see* Nurses and nursing.

Tranquillizing drugs, chlordiazepoxide, use in flight training, 11976

Transfer unit, head to base transfer function characteristics of cylindrical tank partly filled with liquid, 12804

Transistors transistor radio research in USSR, 12644

Translations, technical, National Aeronautics and Space Administration, 12827-831

Transplantation and Artificial Organs, National Commission on, *see* National Commission on Transplantation and Artificial Organs.

Transport aircraft, *see* Aircraft.

Transport properties, PERTRAN, transport-perturbation program, 12823

Transportation:  
census, 1967—  
commodity transportation survey  
commodity groups, selected major TCC 3-digit classes, 12013  
shipper group, 12013  
high speed ground, research and development extension, report, 12228  
interstate employees, State tax withholding for tax purposes, exempt, report, 12201  
military mail from Okinawa to points in southeast Asia, reductions achieved in cost, Defense Department, GAO report, 12586

MILSTAMP, military standard transportation and movement procedures, change, 12399

miscellaneous equipment, census of manufactures, 1967, industry statistics, 12010

Transportation—Continued  
overseas air passenger transportation by Defense Department, potential savings by centralized control, GAO report, 12582

Urban mass transportation assistance act of 1964, amend, report, 12233

Urban mass transportation assistance act of 1970, report, 12233

Transportation Department:  
urban area traffic operations improvement programs, report,—12289  
print as Senate document, report, 12354

Travel:  
bus, Defense Department, opportunity for savings by reducing paper work, GAO report, 12581  
traveling, don't spread plant pests, 11959

Travelers, going abroad? important message from Pestina, 11958

Trawling, *see* Trawls and trawling.

Trawls and trawling, experimental trawling and pot fishing for giant Alaskan prawn, 12067

Treasury Department:  
department circular, public debt series, 12950

Treasurer of United States, financial statements, GAO examination, 12575

Treasury notes, 8¾ percent, series B-1973, 12950

Treaties:  
treaties and other international acts series, 12939-942  
treaties and other international agreements, 12943

Tree planting, does bedding promote pine survival and growth on ditched wet sands? 12558

Trees, *see* Hardwoods.—Tree planting,—also names of trees.

Trichlorophenoxyacetic acid, 2,4,5-T effects on man and environment, hearings, 12360

Trimble, George R., jr., 20 years of intensive uneven-aged management and effects, 12564

Trout, Otto F., jr., vacuum leakage tests of simulated lightweight spacecraft airtlock, 12808

Truck drivers, *see* Motortruck drivers.

Trust Territory of Pacific Islands, continue civil government, increase appropriations, hearing, 12366

Trusts (industrial):  
antitrust laws:  
newspapers, exempt certain combinations and arrangements necessary for survival, reports, 12200, 12231

Tubes:  
fragible-tube energy-absorption system for protection of nuclear aircraft reactor, parametric study, 12781  
tube fittings, Federal Item identification guide, change, 12393

Tucson, Ariz., intrastate air quality control region, Federal facilities, 12838

Tuna fish, albacore of Hawaiian waters, Thunnus alalunga, 12070

Tungsten:  
alloy, T-111 (tantalum-tungsten-2 hafnium), survey of properties, 12810  
disposal from national and supplemental stockpiles, law, 12148

Tunnels, boring technology, disk cutter experiments in sedimentary and metamorphic rocks, 12743

Turboalternators:  
potassium  
phase 2 refinement of selected layout, 12765  
turboalternator (KTA), preliminary design study alternator parametric design, 12754

Turbojet engines, *see* Engines (aircraft).

# INDEX

Turbulence, atmospheric, flight-experienced free-stream disturbances at Mach numbers of 2.4-2.6, investigation of digital simulation of XB-70 inlet and its application, 12798  
 Turbulent boundary layer, *see* Boundary layer.  
 2, 4, 5-T, *see* Trichlorophenoxyacetic acid.  
 Typists:  
     employment outlook, 12694  
     take a giant step, go government, 12048

## U

U.S.S.R., *see* Union of Soviet Socialist Republics.  
 Uganda, economy, basic data, 12060  
 Ukrainian Soviet Socialist Republic:  
     Academy of Sciences, Lenin Centennial, statements by Ukrainian Academicians, 12648  
     cybernetics in Ukraine, 12636  
 Un-American activities, New Mobilization Committee to End War in Vietnam, subversive involvement in origin, leadership, and activities, study, 12277  
 Underdeveloped areas, less developed countries, economic data, 12618  
 Underwater sound, *see* Sound.  
 Uniformed services, *see* Armed Forces.  
 Union County, N.C., community profile, 12474  
 Union County, Ohio, community profile, 12475  
 Union of Soviet Socialist Republics:  
     biophysics studies, translation, 12645  
     cooperation with foreign scientists, 12634  
     embassy sites, agreement, 12942  
     international negotiation, process and problems, hearings, 12365  
     prizes in science and technology, 12630  
     Soviet geodesists and cartographers, international relations, 12642  
     transistor radio research, 12644  
 Union Station, Washington, D.C., construction history, 12865  
 Union wages, *see* Wages.  
 Unions, *see* Labor unions.  
 United Nations:  
     headquarters expansion in New York, grant to defray portion of cost, hearings, 12270  
     membership, organization, etc., 12937  
 United States:  
     NOTE.—For all subjects pertaining to the United States, except its government, general history, and description, *see* such subjects.  
     area measurement reports, 11985  
     United States Code, *see* Codes of law.  
     United States Involvement in Southeast Asia, Select Committee on, House, report, 12238  
 Upholsterers, furniture, employment outlook, 12704  
 Upholstery, *see* Furniture.  
 Upper atmosphere, *see* Atmosphere.  
 Urban areas, *see* Cities and towns.  
 Urban life, *see* Cities and towns.  
 Urban renewal, *see* Redevelopment (city planning, etc.).  
 Urine, urinary electrolyte excretion during saturation-excursion diving to pressures equivalent to 800 and 1000 feet of seawater, 12735  
 USDA, *see* Agriculture Department.  
 USSR, *see* Union of Soviet Socialist Republics.  
 Utah, apples, marketing order authority, extend, report, 12223

## V

VA, *see* Veterans Administration.  
 Vaccination:  
     aerosol revaccination of experimental animals, USSR study, 12640  
     assistance, provide grants, report, 12242  
 Van Wert County, Ohio, community profile, 12476  
 Vance County, N.C., community profile, 12477  
 Vapors, ingestion phenomenon in hemispherically bottomed tanks in normal gravity and in weightlessness, 12776  
 Vector analysis, constant-gain systems with vector feedback, stability, 12777  
 Vegetable gardens, *see* Gardens.  
 Veneer logs, *see* Logs.  
 Vessels, *see* Fishing vessels.  
 Veterans:  
     job rights, facts, 12952  
     train for skilled trade through apprenticeship, 11969  
     wounded in Vietnam, problems and oversight of medical care, hearings, 12379  
 Veterans Administration:  
     information bulletin IB series, 12951  
     need for specific criteria for adjusting interest rate charge on insurance policy loans by Veterans Administration, GAO report, 12579  
 Veterans' Affairs Committee, House, report, 12187  
 Veterans hospitals, Veterans Administration, chaplain service, general information, 12951  
 Veterinarians, employment outlook, 12678  
 Veto messages, *see* President of United States.  
 Vibration:  
     coupled thermally-induced transverse plus torsional vibrations of thin-walled cylinder of open section, 12826  
     responses of shells and plates to fluctuating pressure environments, study, 12755  
     *see also* Oscillations.  
 Vice President of United States, election, amend Constitution relating to electoral college reform, hearings, 12370  
 Vietnam:  
     Armed Forces members voluntarily extending tour of duty in hostile fire area, special 30-day period of leave, extend authorization, law, 12126  
     conflict, veterans wounded, problems and oversight of medical care, hearings, 12379  
     Republic—  
         investment guaranties, agreement, 12940  
         local currency made available for support of its military and civil budgets, need for increased control, Defense Dept., and Agency for International Development, GAO report, 12578  
     United States involvement in southeast Asia, report, 12238  
     war, My Lai incident, investigation, report of subcommittee, 12260  
 Vinton County, Ohio, community profile, 12478  
 Virginia, landings, fish and shellfish, 12064  
 Viruses, human cancer involving viruses, partial bibliography, 12848  
 Vision, *see* Sight.  
 Visual perception, *see* Perception.  
 Vocational education, facts about Bureau of Adult, Vocational, and Technical Education, 12499  
 Vocational guidance, employment outlook for tomorrow's jobs, 12663  
 Volunteer workers, role in community service (remarks), 12902  
 von Pragenau, George L., stability of constant-gain systems, with vector feedback, 12777



W

- Wadsworth Hospital, VA Center, Los Angeles, Calif., veterans wounded in Vietnam, oversight of patient care, hearings, 12379
- Wages:  
 area surveys—  
   Charleston, W. Va., 12711  
   Houston, Tex., 12710  
   Los Angeles, Long Beach and Anaheim-Santa Ana-Garden Grove, Calif., 12708  
   Providence-Pawtucket-Warwick, R.I.-Mass., 12714  
   St. Louis, Mo.-Ill., 12709  
   San Antonio, Tex., 12713  
   Wichita, Kans., 12712  
 severance pay, what it is, 12051
- union—  
   building trades, 12716  
   local truckdrivers and helpers, 12717
- Walters and waitresses, employment outlook, 12697
- Wake County, N.C., community profile, 12479
- Walla Walla project, Touchet division, construct, operate, and maintain, law, 12130
- Walls, block walls, without mortar joints, surface bonding of concrete blocks, technique for erecting, 11947
- War risk insurance, program, extend, reports, 12217, 12244
- Warner, Robert W., approximate analytical models for landing energy absorption, including effect of penetration by payload into its crushable casing, 12801
- Warren County, Ohio, community profile, 12480
- Warwick, R.I., area wage survey, 12714
- Washington, D.C., *see* District of Columbia.
- Washington County, N.C., community profile, 12481
- Washington County, Ohio, community profile, 12482
- Washington State, landings, fish and shellfish, annual summary, 12061
- Waste disposal, *see* Waste products.
- Waste products:  
   Solid waste disposal act, amend and extend—  
     law, 12139  
     report, 12327
- Watanga County, N.C., community profile, 12483
- Water:  
   anomalous investigation, 12612  
   Bank act, report, 12250  
   basic facilities grants, 12601  
   desalting cost calculating procedures, 12610  
   hydrologic conditions and artificial recharge through well in Salem Heights area of Salem, Oreg., 12590  
   Land and water conservation fund act of 1965, amend—  
     hearings, 12367  
     report, 12213  
   modified water, water vapor pressure function of concentration of anomalous component in, USSR study, 12626  
   public works, appropriations, 1971, report, 12207  
   Resources planning act, amend, hearings, 12368  
   resources, technical publication, 12910  
   saline water research and development progress reports, 12608-614  
   surface water supply, 1961-65, U.S., 12592  
   water supply papers, 12590-593  
   *see also* Hydrogeology.
- Water birds, migratory waterfowl, habitat, preserve and improve, report, 12250
- Water pollution:  
   and its control, boy scout leader's guide, 12540  
   control, public works, appropriations, 1971, report, 12207  
   interstate waters of Escambia River basin, Alabama-Florida and intrastate portions of Escambia basin within Florida, conference proceedings, 12538
- Water Resources Council, redesignate as Land and Water Resources Planning Council, hearings, 12368
- Water vapor, pressure, function of concentration of anomalous component in modified water, USSR study, 12626
- Watersheds, small watershed projects, program, hearing, 12382
- Waves, breaker travel and choice of design wave height, 12509
- Wayne County, N.C., community profile, 12484
- Wayne County, Ohio, community profile, 12485
- Ways and Means Committee, House, hearings, 12287
- Wealth, accumulation in Negro community (address), 12531
- Weather forecasts, forecasting wind profiles and investigation of small-scale motions over short periods of time at Cape Kennedy, Fla., study, 12758
- Webb, Sherman, and others, relief, 12170
- Weber, J. Robert, youth involvement, 12918
- Webster Test Facilities and Electrodiagnosis Test-Bed Plant, Webster, S. Dak., FY 1969 annual report, 12614
- Weeks, George B., generalized stiffness matrix for ring-stiffened shells of revolution, 12774
- Weems, George W., compressibility factors for helium and carbon dioxide mixtures at  $-10^{\circ}$  and  $-20^{\circ}$  C and pressures to 1,000 PSIA, 12744
- Weight, pilot's weight and balance handbook, 12541
- Weightlessness:  
   hemispherically bottomed tanks in normal gravity and in weightlessness, effect on vapor ingestion phenomenon, 12776  
   significance of visual information in forming spatial perception, USSR study, 12654  
   unstable bubble motion under low gravitational conditions, 12795
- Weights and measures:  
   weighing object in gaseous atmospheres to obtain its true mass and volume, method, 12745  
   weights and centers of gravity of quaking aspen trees and boles, 12555
- Weir, David H., measurement and analysis of pilot scanning and control behavior during simulated instrument approaches, 12759
- Welding, TIG welds in 12-5-3 maraging steel plate, characterization with application of new scaling method for KIC plasticity corrections, 12895
- Wells, hydrologic conditions and artificial recharge through well in Salem Heights area of Salem, Oreg., 12590
- Wells County, N. Dak., soil survey report, 12928
- West Virginia, hardwood stands, 20 years of intensive uneven-aged management, and effects, 12564
- Wester, Robert E., suburban and farm vegetable gardens, 11950
- Wetlands, *see* Swamplands.
- Wheat, research and promotion program, establish, report, 12255
- Where to write for birth and death records, U.S. and outlying areas, 12600
- White House, *see* Executive mansion.
- White House Fellows, program, 12906



# INDEX

- Whitley County, Ky., soil survey of Mc-Creary-Whitley area, 12927
- Wholesale trade, *see* names of commodities and industries.
- Why not become an apprentice? 12953
- Wicrita, Kans., area wage survey, 12712
- Wideband, *see* Bandwidth.
- Wilderness area:
- Agua Tibia Primitive Area, Calif., mineral resources, 12588
  - Emigrant Basin Primitive Area, Calif., mineral resources, 12587
  - Mount Baldy, Pine Mountain, and Sycamore Canyon, designate, proposal, report, 12322
  - studies related to wilderness primitive areas (series), 12587-588
- Wildfire, *see* Forest fires.
- Wildlife:
- Federal aid in wildlife restoration act, amend, report, 12235
  - Fish and wildlife act of 1956, amend—  
hearing, 12280  
report, 12236
  - fish and wildlife restoration, Federal aid, report, 12235
  - shooting certain birds, fish, and other animals from aircraft, prohibit, provide Federal criminal penalty, hearing, 12280
  - water resource projects, cost sharing grants, report, 12224
- Wildlife refuges, refuge leaflets, 12931-933
- Williams, J. R., conservation laws of linear homogeneous systems, 12779
- Williams County, Ohio, community profile, 12486
- Wilson County, N.C., community profile, 12487
- Wind profiles, *see* Winds.
- Winds, forecasting wind profiles and investigation of small-scale motions in short periods of time over Cape Kennedy, Fla., 12758
- Wings (aircraft):
- all-flexible parawing, determination of inflated shape and inertial properties, 12821
  - half-cone bodies with thin wings at Mach 10.03, aerodynamic interference effects on, 12820
- Wire rope, Federal item identification guide, change, 12392
- Wisconsin, census of business, 1967, retail trade, merchandise line sales, 11996
- Withholding tax, *see* Income tax.
- Witnesses, Federal immunity of witnesses act, report, 12198
- Wollerman, E. H., locust borer, 12547
- Women:
- and women's rights (address), 12657
  - own children under 5 years old, Mar. 1969 population characteristics, 12035
  - private household workers, fact sheet, 12954
- Women's Bureau:
- 50th anniversary celebration (address), 12657
  - leaflets, 12953
- Wood, Allen D., thermodynamic property measurements in reflected shock air plasmas at 12-16,000°K, 12766
- Wood, products, census of manufactures, 1967, industry statistics, 12002
- Wood County, Ohio, community profile, 12488  
*see also* Hardwoods—Heartwood—Sapwood.
- Wood & Brooks Co., Rockford, Ill., Plant, production and maintenance workers, piano actions, Tariff Commission report, 12946
- Wood pulp:
- Lake States pulpwood production plums 413,000 cords, 12550
  - pulpwood production in north central region by county, 12567
  - Work, production, price and value, 12945
  - Work, safe work guide, Department of Labor safety training programs, SWG LS series, 12660
- Workbooks, *see* subjects.
- Workers, *see* Labor.
- Wyandot County, Ohio, community profile, 12489

X

XB-70, *see* Aircraft.

Y

- Yadkin County, N.C., community profile, 12490
- Yancey, Robert M., Atlantic Coast surf clam fishery, 12068
- Yarn mills, census of manufactures, 1967, industry statistics, 12000
- Yates, Warren G., Lao, basic course, 12938
- Yaw, yaw-rate damper, effect on flying qualities of light twin-engine airplane, evaluation, 12817
- Yearbooks, North Korean Central Yearbook, 1966-67 excerpts, 12639
- Yellow birch, *see* Birch.
- Yellowstone National Park:
- commemorate 100th anniversary of establishment, report, 12332
  - general information, 12877
- Yin, Low, relief, 12174
- Yorktown, Va., Thomas Pate House and lot 42, Colonial National Park, 12875
- Young, Gary D., air pollution report, Federal facilities, Phoenix-Tucson intrastate air quality control region, 12838
- Your medicare handbook, 12925
- Your opportunities and rewards in—  
Air Force Reserve, 11963  
Air National Guard, 11964
- Youth:
- Federal youth corrections act, amend, report, 12216
  - youth involvement, 12918
  - Youth Conservation Corps, establish, report, 12185
  - Youth Conservation Corps Intergency Committee, establish, report, 12185
  - Youth Correction Division, designate examiners to interview youth offenders being considered for release on parole, report, 12216

Z

- Zausner, Eric R., accounting system for sanitary landfill operations, 12930
- Zero-g, *see* Weightlessness.
- Zirconium, isotope effect in B zirconium, 12822
- Zoology, Smithsonian contributions to zoology, 12915-916
- Zoroasteridae, *see* Starfishes.
- Zorocallida, *see* Starfishes.
- Zuzman, Jack, bibliography on epidemiology of mental disorders, 12857

LIST OF DEPOSITORY LIBRARIES AS OF SEPTEMBER 1, 1970

Under provisions of Title 44 of the United States Code, certain libraries are designated depositories for Government publications. Through them Federal Government documents are made available to residents of every State, District of Columbia, Guam, Puerto Rico, and the Virgin Islands. Distribution to the libraries is made by the Office of the Superintendent of Documents.

It is sometimes impossible to obtain desired publications by purchase from the Superintendent of Documents. Stocks may have been exhausted or the document may be permanently out of print. In these instances the depositories render an invaluable service by keeping such publications permanently available. Every Government publication cannot be consulted at all depository libraries. Designated Regional Depositories are required to receive and retain one copy of all Government publications made available to depository libraries either in printed or micro-facsimile form. All other libraries are allowed to select the classes of publications best suited to the interests of their particular clientele.

The following list shows the location, the name of the library, the year the library became a depository, and the administrative control number assigned to each.

ALABAMA		Depository No.
Alexander City	Alexander City State Junior College, Thomas D. Russell Library (1967)-----	9A
Auburn	Auburn University, Ralph Brown Draughon Library (1907)-----	2
Birmingham	Birmingham Public Library (1895)-----	15
	Birmingham-Southern College, M. Paul Phillips Library (1932)-----	6
	Jefferson State Junior College, James B. Allen Library (1970)-----	15A
	Samford University, Harwell G. Davis Library (1884)-----	5
Enterprise	Enterprise State Junior College Library (1967)-----	9B
Florence	Florence State University, Collier Library (1932)-----	14
Gadsden	Gadsden Public Library (1963)-----	7A
Huntsville	University of Alabama, Huntsville Campus Library (1964)-----	8A
Jacksonville	Jacksonville State University, Ramona Wood Library (1929)-----	10
Maxwell A. F. Base	Air University Library (1963)-----	DG13
Mobile	Mobile Public Library (1963)-----	6A
	Spring Hill College, Thomas Byrne Memorial Library (1937)-----	7
	University of South Alabama Library (1968)-----	7B
Montgomery	Alabama State Department of Archives and History Library (1884)-----	8
	Alabama Supreme Court Library (1884)-----	1
Normal	Alabama Agricultural and Mechanical College, Drake Memorial Library (1963)-----	9
St. Bernard	St. Bernard College Library (1962)-----	13
Troy	Troy State University, Lurleen B. Wallace Educational Resources Center (1963)-----	5A
Tuskegee Institute	Tuskegee Institute, Hollis Burke Frissell Library (1907)-----	3
University	University of Alabama Law Library (1967)-----	12A
	University of Alabama Library (1860)-----	12
	REGIONAL-----	12

## LIST OF DEPOSITORY LIBRARIES

ALASKA		Depository No.
Anchorage	Anchorage Community College Library (1961)-	19
	Anchorage Methodist University Library (1963)-----	20
College	University of Alaska Library (1922)-----	17
Juneau	Alaska State Library (1964)-----	16
Ketchikan	Ketchikan Community College Library (1970)-	18
<b>ARIZONA</b>		
Flagstaff	Northern Arizona University Library (1937)---	24
Phoenix	Department of Library and Archives (unknown)—REGIONAL-----	22
	Phoenix Public Library (1917)-----	26
Prescott	Prescott College Library (1968)-----	21A
Tempe	Arizona State University, Matthews Library (1944)-----	25
Thatcher	Eastern Arizona College Library (1963)-----	21
Tucson	Tucson Public Library (1970)-----	27A
	University of Arizona Library (1907)—REGIONAL-----	23
Yuma	Yuma City-County Library (1963)-----	27
<b>ARKANSAS</b>		
Arkadelphia	Ouachita Baptist University, Riley Library (1963)-----	32A
Batesville	Arkansas College Library (1963)-----	37A
Clarksville	College of the Ozarks Library (1925)-----	31
College Heights	Arkansas Agricultural and Mechanical College Library (1956)-----	38
Conway	Hendrix College, O. C. Bailey Library (1903)---	37
Fayetteville	University of Arkansas Library (1907)-----	29
Little Rock	Arkansas Supreme Court Library (1962)-----	28
	Little Rock Public Library (1953)-----	35
Magnolia	Southern State College, J. M. Peace Library (1956)-----	36
Russellville	Arkansas Polytechnic College, Tomlinson Library (1925)-----	32
Searcy	Harding College, Beaumont Memorial Library (1963)-----	35A
State College	Arkansas State University, Dean B. Ellis Library (1913)-----	33
Walnut Ridge	Southern Baptist College, Felix Goodson Library (1967)-----	33A
<b>CALIFORNIA</b>		
Anaheim	Anaheim Public Library (1963)-----	65C
Arcata	Humboldt State College Library (1963)-----	44A
Bakersfield	Kern County Library (1943)-----	53
Berkeley	University of California, General Library (1907)-	41
	University of California, Law Library, Earl Warren Legal Center (1963)-----	50A
Chico	Chico State College Library (1962)-----	45B
Claremont	Pomona College Documents Collection, Honnold Library (1913)-----	55
Culver City	Culver City Library (1966)-----	40A
Davis	University of California Library (1953)-----	45A
Downey	Downey City Library (1963)-----	41A
Fresno	Fresno County Free Library (1920)-----	52
	Fresno State College Library (1962)-----	52A
Fullerton	California State College at Fullerton Library (1963)-----	65A



SEPTEMBER 1970

CALIFORNIA—Continued		Depository No
Gardena	Gardena Public Library (1966)-----	52B
Garden Grove	Adult Reference Center Library (1963)-----	64B
Hayward	California State College at Hayward Library (1963)-----	51B
Huntington Park	Huntington Park Library, San Antonio Region (1970)-----	41B
Inglewood	Inglewood Public Library (1963)-----	59B
Irvine	University of California at Irvine Library (1963)-----	65D
La Jolla	University of California, San Diego, University Library (1963)-----	66B
Lakewood	Angelo Iacoboni Public Library (1970)-----	64D
Lancaster	Lancaster Regional Library (1967)-----	58B
Long Beach	California State College at Long Beach Library (1962)-----	61A
	Long Beach Public Library (1933)-----	61
Los Angeles	California State College at Los Angeles, John F. Kennedy Memorial Library (1956)-----	62
	Los Angeles County Law Library (1963)-----	57A
	Los Angeles Public Library (1891)-----	57
	Loyola University of Los Angeles Library (1933) Occidental College, Mary Norton Clapp Library (1941)-----	59
	Pepperdine College Library (1963)-----	56
	University of California at Los Angeles Library (1932)-----	59A
	University of California, School of Law Library (1958)-----	43
	University of Southern California Library (1933)	58A
	Yuba College Library (1933)-----	58
Marysville	Department of the Interior, Geological Survey Library (1962)-----	45C
Menlo Park	Montebello Library (1966)-----	D G6
Montebello	Naval Postgraduate School Library (1963)-----	53B
Monterey	Bruggemeyer Memorial Library (1964)-----	D G11
Monterey Park	Newhall Library of Los Angeles County Public Library System (1967)-----	62A
Newhall	San Fernando Valley State College Library (1958)-----	58C
Northridge	Mills College Library (1966)-----	63A
Oakland	Oakland Public Library (1923)-----	60A
	California Institute of Technology, Millikan Memorial Library (1933)-----	50
Pasadena	Pasadena Public Library (1963)-----	63
	Contra Costa County Library (1964)-----	63B
Pleasant Hill	Shasta County Library (1956)-----	49A
Redding	University of Redlands Library (1933)-----	45
Redlands	Redwood City Public Library (1966)-----	64
Redwood City	West Valley Regional Branch Library (1966)---	47A
Reseda	Richmond Public Library (1943)-----	63C
Richmond	Riverside Public Library (1947)-----	49
Riverside	University of California at Riverside Library (1963)-----	65
	California State Library (1895)—REGIONAL---	65B
Sacramento	Sacramento City Library (1880)-----	40
	Sacramento County Law Library (1963)-----	42
	Sacramento State College Library (1963)-----	55B
	San Bernardino County Free Library (1964)---	55A
San Bernardino	San Diego County Library (1966)-----	64C
San Diego	San Diego Public Library (1895)-----	66C
	San Diego State College Library (1962)-----	66
	University of San Diego Law Library (1967)---	66A
		66D

LIST OF DEPOSITORY LIBRARIES

CALIFORNIA—Continued

		Depository No.
San Francisco	Mechanics' Institute Library (1889)-----	47
	San Francisco Public Library (1889)-----	48
	San Francisco State College, Social Science and Business Library (1955)-----	44
	University of San Francisco, Richard A. Gleeson Library (1963)-----	44C
	San Jose State College Library (1962)-----	51A
San Jose	San Leandro Community Library Center (1961)-----	60
San Leandro	California State Polytechnic College Library (1969)-----	56D
San Luis Obispo	Santa Ana Public Library (1959)-----	64A
Santa Ana	University of California at Santa Barbara Library (1960)-----	54A
Santa Barbara	University of Santa Clara, Orradre Library (1963)-----	51C
Santa Clara	University of California at Santa Cruz Library (1963)-----	56A
Santa Cruz	Santa Rosa-Sonoma County Public Library (1896)-----	44B
Santa Rosa	Stanford University Libraries (1895)-----	51
Stanford	Public Library of Stockton and San Joaquin County (1884)-----	46
Stockton	California Lutheran College Library (1964)-----	54B
Thousand Oaks	Torrance Public Library (1969)-----	52C
Torrance	Torrance Public Library (1969)-----	46A
Turlock	Stanislaus State College Library (1964)-----	42A
Van Nuys	Los Angeles Valley College Library (1970)-----	53C
Visalia	Tulare County Free Library (1967)-----	56B
Walnut	Mount San Antonio College Library (1966)-----	56C
West Covina	West Covina Library (1966)-----	53A
Whittier	Whittier College, Wardman Library (1963)-----	

CANAL ZONE

Balboa Heights	Canal Zone Library-Museum (1963)-----	DG4
----------------	---------------------------------------	-----

COLORADO

Alamosa	Adams State College Library (1963)-----	73A
	University of Colorado Libraries (1879)—REGIONAL-----	69
Boulder	Colorado College, Charles Leaming Tutt Library (1880)-----	70
	Colorado State Library (unknown)-----	67
Colorado Springs	Denver Public Library (1884)—REGIONAL-----	71
	Department of Interior, Bureau of Reclamation Library (1962)-----	DG2
	Regis College, Dayton Memorial Library (1915)-----	71B
	University of Denver, Mary Reed Library (1909)-----	71A
	Colorado State University Library (1907)-----	68
Fort Collins	Colorado School of Mines, Arthur Lakes Library (1939)-----	72
	Jefferson County Public Library, Bonfilis-Stanton Regional Library (1968)-----	72A
Golden	University of Northern Colorado Library (1966)-----	70A
	Western State College, Leslie J. Savage Library (1932)-----	74
Greeley	Otero Junior College, Wheeler Library (1963)-----	69A
Gunnison	Pueblo Regional Library (1893)-----	73
	Southern Colorado State College Library (1965)-----	74A
La Junta	Academy Library (1956)-----	67A
Pueblo		
U.S. Air Force Academy		

SEPTEMBER 1970

CONNECTICUT

Depository No.

Bridgeport	Bridgeport Public Library (1884)-----	83
Danbury	Western Connecticut State College, Ruth A. Haas Library (1967)-----	84B
Enfield	Enfield Public Library (1967)-----	84
Hartford	Connecticut State Library (unknown)—REGIONAL-----	75
	Hartford Public Library (1945)-----	85
	Trinity College Library (1895)-----	80
Middletown	Wesleyan University, Olin Library (1906)-----	78
Mystic	Marine Historical Association, Inc., Mystic Seaport Library (1964)-----	81A
New Haven	Southern Connecticut State College Library (1968)-----	82A
	Yale University Library (1859)-----	82
New London	Connecticut College Library (1926)-----	81
	U.S. Coast Guard Academy Library (1939)-----	76
Pomfret	Pomfret School Library (1968)-----	79A
Storrs	University of Connecticut, Wilbur Cross Library (1907)-----	77
Waterbury	Silas Bronson Library (1869)-----	79

DELAWARE

Dover	Delaware State College, William C. Jason Library (1962)-----	88
	State Law Library in Kent County (unknown)-----	86
Georgetown	Delaware Technical and Community College, Southern Branch Library (1968)-----	89A
Newark	University of Delaware, Morris Library (1907)-----	87
Wilmington	Wilmington Institute Free Library (1861)-----	89

DISTRICT OF COLUMBIA

Washington	Bureau of the Budget Library, Executive Office of the President (1965)-----	DG15
	Civil Service Commission Library (1963)-----	DG5
	Department of Commerce Library (1955)-----	101A
	Department of Health, Education, and Welfare Library (1954)-----	101
	Department of Housing and Urban Development Library (1969)-----	DG24
	Department of the Interior Central Library (1895)-----	93
	Department of the Interior, Geological Survey Library (1962)-----	DG8
	Department of Justice Main Library (1895)-----	94
	Department of State Library (1895)-----	97
	Department of State, Office of Legal Advisor, Law Library (1966)-----	DG16
	Department of Transportation, National Highway Safety Bureau Library (1968)-----	DG19
	District of Columbia Public Library (1943)-----	100
	Federal City College Library (1970)-----	100B
	Georgetown University Library (1969)-----	100A
	Indian Claims Commission Library (1968)-----	DG20
	National Agricultural Library (1895)-----	92
	National War College Library (1895)-----	99
	Navy Department Library (1895)-----	95
	Navy Department, Office of Judge Advocate General Library (1963)-----	DG9
	Office of the Adjutant General, Department of Army Library (1969)-----	DG23
	Post Office Department Library (1895)-----	96



## LIST OF DEPOSITORY LIBRARIES

### DISTRICT OF COLUMBIA—Continued

		Depository No.
Washington	Treasury Department Library (1895)-----	98
	Veterans Administration, Medical and General Reference Library (1967)-----	DG17

### FLORIDA

Boca Raton	Florida Atlantic University Library (1963)----	107B
	University of Miami Library (1939)-----	110
Coral Gables	Volusia County Public Libraries (1963)-----	104B
Daytona Beach	Stetson University, duPont-Ball Library (1887)	105
De Land	Fort Lauderdale Public Library (1967)-----	107D
Fort Lauderdale	Nova University Library (1967)-----	107C
Gainesville	University of Florida Libraries (1907—REGIONAL)-----	103
	Haydon Burns Library (1914)-----	106
Jacksonville	Jacksonville University, Swisher Library (1962)	106A
	Lakeland Public Library (1928)-----	107
Lakeland	Lake-Sumter Junior College Library (1963)---	104A
Leesburg	Florida Institute of Technology Library (1963)	111A
Melbourne	Miami-Dade Junior College, North Campus Library (1967)-----	106C
Miami	Miami Public Library (1952)-----	108
	Naval Air Station, Whiting Field, Aeronautical Systems Library (1969)-----	DG22
Milton	Biscayne College Library (1966)-----	106B
Orpa Locka	Florida Technological University Library (1966)	105A
Orlando	St. Johns River Junior College Library (1963)---	112
Palatka	University of West Florida, John C. Pace Library (1966)-----	103A
Pensacola	St. Petersburg Public Library (1965)-----	102A
St. Petersburg	Sarasota Public Library (1970)-----	109A
	Florida Agricultural and Mechanical University, Coleman Memorial Library (1936)-----	104
Sarasota	Florida State Library (1929)-----	102
Tallahassee	Florida State University, R. M. Strozier Library (1941)-----	109
Tampa	Tampa Public Library (1965)-----	108C
	University of South Florida Library (1962)---	108B
	University of Tampa Library (1953)-----	108A
Winter Park	Rollins College, Mills Memorial Library (1909) -	111

### GEORGIA

Albany	Albany Public Library (1964)-----	119
	Georgia Southwestern College, Wade Lott Memorial Library (1966)-----	120
Americus	University of Georgia Libraries (1907)-----	114
Athens	Atlanta Public Library (1880)-----	122
Atlanta	Atlanta University, Trevor Arnett Library (1962)-----	122A
	Emory University, Robert W. Woodruff Library (1928)-----	116
Augusta	Emory University, School of Law Library (1968)-----	121A
	Georgia Institute of Technology, Price Gilbert Memorial Library (1963)-----	122B
Brunswick	Georgia State Library (unknown)-----	113
	Georgia State University Library (1970)-----	114A
Carrlonton	Augusta College Library (1962)-----	127
Dahlonega	Brunswick Public Library (1965)-----	125A
Gainesville	West Georgia College, Sanford Library (1962) --	121
Macon	North Georgia College Library (1939)-----	126
	Chcstatee Regional Library (1968)-----	126A
	Mercer University Library (1964)-----	123A

SEPTEMBER 1970

GEORGIA—Continued

		Depository No.
Marietta	Kennesaw Junior College Library (1968)-----	124
Milledgeville	Georgia College at Milledgeville, Ina Dillard Russell Library (1950)-----	123
Mount Berry	Berry College, Memorial Library (1970)-----	124A
Savannah	Savannah Public and Chatham-Effingham- Liberty Regional Library (1857)-----	118
Statesboro	Georgia Southern College, Rosenwald Library (1939)-----	117
Valdosta	Valdosta State College, Richard Holmes Powell Library (1956)-----	125

GUAM

Agana	Nieves M. Flores Memorial Library (1962)---	132
-------	---	-----

HAWAII

Hilo	University of Hawaii, Hilo Campus Library (1962)-----	130
Honolulu	Chaminade College of Honolulu Library (1965) -	130A
	Hawaii Medical Library, Inc. (1968)-----	128A
	Hawaii State Library (1929)-----	128
	Municipal Reference Library of the City and County of Honolulu (1965)-----	131A
	University of Hawaii Library (1907)-----	129
Laie	Church College of Hawaii Library (1964)-----	133
Lihue	Kauai Public Library (1967)-----	133A
Pearl City	Leeward Community College Library (1967) -	130B
Wailuku	Maui Public Library (1962)-----	131

IDAHO

Boise	Boise State College Library (1966)-----	136A
	Boise Public Library (1929)-----	139
	Idaho State Law Library (unknown)-----	134
Burley	Burley Public Library (1970)-----	139A
Caldwell	College of Idaho, Terteling Library (1930)-----	138
Moscow	University of Idaho Library (1907)—RE- GIONAL-----	135
Pocatello	Idaho State University Library (1908)-----	137
Rexburg	Ricks College, David O. McKay Library (1946) -	136

ILLINOIS

Bloomington	Illinois Wesleyan University Libraries (1964)---	161A
Carbondale	Southern Illinois University Library (1932)---	168
Carlinville	Blackburn College Library (1954)-----	164
Champaign	University of Illinois Law Library, College of Law (1965)-----	165A
Charleston	Eastern Illinois University, Booth Library (1962)-----	166
Chicago	Field Museum of Natural History Library (1963)-----	142A
	Chicago Public Library (1876)-----	144
	Chicago State College Library (1954)-----	146
	John Crerar Library (1909)-----	144A
	Loyola University, E. M. Cudahy Memorial Library (1966)-----	152A
	Newberry Library (1890)-----	152
	Northeastern Illinois State College Library (1961)-----	163A
	University of Chicago Law Library (1964)-----	145A
	University of Chicago Library (1897)-----	145

## LIST OF DEPOSITORY LIBRARIES

ILLINOIS—Continued		Depository No.
Chicago	University of Illinois, Chicago Circle Campus Library (1957)	150
Decatur	Decatur Public Library (1954)	165
De Kalb	Northern Illinois University, Swen Franklin Parson Library (1960)	154A
Edwardsville	Southern Illinois University, Lovejoy Memorial Library (1959)	167
Elsah	Principia College, Marshall Brooks Library (1957)	169A
Evanston	Northwestern University Library (1876)	153
Freeport	Freeport Public Library (1905)	156
Galesburg	Galesburg Public Library (1896)	158
Jacksonville	MacMurry College, Henry Pfeiffer Library (1929)	169
Kankakee	Olivet Nazarene College, Memorial Library (1946)	161
Lake Forest	Lake Forest College, Donnelley Library (1962)	153A
Lebanon	McKendree College, Holman Library (1968)	167A
Lisle	St. Procopius College, Theodore F. Lownik Library (1911)	154
Lockport	Lewis College of Science and Technology Library (1952)	142
Macomb	Western Illinois University Memorial Library (1962)	169B
Moline	Black Hawk College, Learning Resources Center (1970)	160
Monmouth	Monmouth College Library (1860)	157
Normal	Illinois State University, Milner Library (1877)	143
Oak Park	Oak Park Public Library (1963)	163
Peoria	Bradley University, Cullom Davis Library (1963)	159A
	Peoria Public Library (1883)	159
River Forest	Rosary College Library (1966)	163B
Rockford	Rockford Public Library (unknown)	155
Springfield	Illinois State Library (unknown)—REGIONAL	140
Urbana	University of Illinois Library (1907)	141
Wheaton	Wheaton College Library (1964)	154B
Woodstock	Woodstock Public Library (1963)	153B

## INDIANA

Anderson	Anderson College, Charles E. Wilson Library (1959)	178
Bloomington	Indiana University Library (1881)	173
Crawfordsville	Wabash College, Lilly Library (1906)	179
Evansville	Evansville and Vanderburgh County Public Library (1928)	181
	Indiana State University, Evansville Campus Library (1969)	182A
Fort Wayne	Indiana-Purdue Universities, Regional Campus Library (1965)	177A
	Public Library of Fort Wayne and Allen County (unknown)	177
Gary	Gary Public Library (1943)	174
	Indiana University, Northwest Campus Library (1966)	172A
Greencastle	De Pauw University, Roy O. West Library (1879)	172
Hammond	Hammond Public Library (1964)	174A
Hanover	Hanover College Library (1892)	182
Huntington	Huntington College Library (1964)	178A



SEPTEMBER 1970

INDIANA—Continued

Depository No.

Indianapolis	Butler University, Irwin Library (1965)-----	184A
	Indiana State Library (unknown)—REGIONAL-----	170
Jeffersonville	Indiana University, Law Library (1967)-----	184B
	Indianapolis Public Library (1906)-----	184
	Indiana University, Southeastern Campus Library (1965)-----	181A
Kokomo	Indiana University, Kokomo Regional Campus Library (1969)-----	173A
Lafayette	Purdue University Library (1907)-----	171
Muncie	Ball State University Library (1959)-----	180
	Muncie Public Library (1906)-----	183A
Notre Dame	University of Notre Dame, Memorial Library (1883)-----	176
	St. Joseph's College Library (1964)-----	175A
Rensselaer Richmond	Earlham College, Lilly Library (1964)-----	180A
	Morrison-Reeves Library (1906)-----	183
South Bend	Indiana University, South Bend-Mishawaka Campus Library (1965)-----	176A
Terre Haute	Indiana State University, Cunningham Memorial Library (1906)-----	179A
Valparaiso	Valparaiso University, Moellering Memorial Library (1930)-----	175

IOWA

Ames	Iowa State University of Science and Technology Library (1907)-----	186
Cedar Falls	University of Northern Iowa Library (1946)---	191
Council Bluffs	Free Public Library (1885)-----	195
Denison	Midwestern College Library (1967)-----	195A
Des Moines	Drake University, Cowles Library (1966)-----	194
	Iowa State Traveling Library (unknown)-----	185
Dubuque	Public Library of Des Moines (1888)-----	193
	Carnegie-Stout Public Library (unknown)-----	188
	Loras College, Wahlert Memorial Library (1967)-----	194A
Fairfield	Parsons College Library Branch of Fairfield Public Library (1862)-----	189
	Grinnell College, Burling Library (1874)-----	192
Grinnell	University of Iowa, Law Library (1968)-----	188A
	University of Iowa Library (1884)—REGIONAL-----	189A
Lamoni	Graceland College, Frederick Madison Smith Library (1927)-----	192A
Mount Vernon	Cornell College, Russell D. Cole Library (1896)---	190
Orange City	Northwestern College, Ramaker Library (1970)---	196A
Sioux City	Sioux City Public Library (1894)-----	196

KANSAS

Atchison	St. Benedict's College, the Abbey Library (1965)---	201
Baldwin City	Baker University Library (1908)-----	202
Colby	Colby Community Junior College Library (1968)---	199A
Emporia	Kansas State Teachers College, William Allen White Library (1909)-----	204
	Fort Hays Kansas State College, Forsyth Library (1926)-----	206A
Hutchinson	Hutchinson Public Library (1963)-----	200A
Lawrence	University of Kansas, Watson Library (1869)---	199
Manhattan	Kansas State University, Farrell Library (1907)---	198
Pittsburg	Kansas State College of Pittsburg, Porter Library (1952)-----	203
	Kansas Wesleyan University, Memorial Library (1930)-----	206

LIST OF DEPOSITORY LIBRARIES

KANSAS—Continued

		Depository No.
Topeka	Kansas State Historical Society Library (1877) ..	200
	State Libraries of Kansas (unknown) .....	197
Wichita	Wichita State University Library (1901) .....	204A

KENTUCKY

Ashland	Ashland Public Library (1946) .....	219
Barbourville	Union College, Abigail E. Weeks Memorial Library (1958) .....	220
Bowling Green	Western Kentucky University, Margie Helm Library (1934) .....	213
Covington	Thomas More College Library (1970) .....	209
Danville	Centre College, Grace Doherty Library (1884) ..	217A
Frankfort	Kentucky Department of Libraries (1967) .....	211A
	State Law Library (unknown) .....	207
Lexington	University of Kentucky, Law Library (1968) ..	210A
	University of Kentucky, Margaret I. King Library (1907)—REGIONAL .....	208
Louisville	Louisville Free Public Library (1904) .....	214
	University of Louisville, Belknap Campus Library (1925) .....	211
Morehead	Morehead State University, Johnson Camden Library (1955) .....	210
Murray	Murray State University Library (1924) .....	212
Owensboro	Kentucky Wesleyan College Library (1966) .....	213A
Pikeville	Pikeville College Library (1947) .....	218
Richmond	Eastern Kentucky University, John Grant Crabbe Library (1966) .....	217

LOUISIANA

Baton Rouge	Louisiana State University Law Library (1929) ..	231
	Louisiana State University Library (1907)—REGIONAL .....	222
	Southern University Library (1952) .....	223
Eunice	Louisiana State University at Eunice, LeDoux Library (1969) .....	232A
Hammond	Southeastern Louisiana College, Sims Memorial Library (1966) .....	231A
Lafayette	University of Southwestern Louisiana Library (1938) .....	228
Lake Charles	McNeese State College, Frazar Memorial Library (1941) .....	232
Monroe	Northeast Louisiana State College, Sandel Library (1963) .....	230A
Natchitoches	Northwestern State College of Louisiana, Russell Library (1887) .....	233
New Orleans	Isaac Delgado College, Moss Technical Library (1968) .....	226A
	Law Library of Louisiana (unknown) .....	221
	Louisiana State University in New Orleans Library (1963) .....	224A
	Loyola University Library (1942) .....	227
New Orleans	New Orleans Public Library (1883) .....	224
	Southern University in New Orleans Library (1962) .....	226
	Tulane University, Howard-Tilton Memorial Library (1942) .....	225
Pineville	Louisiana College, Richard W. Norton Memorial Library (1969) .....	233A
Ruston	Louisiana Polytechnic Institute Library (1896)—REGIONAL .....	230
Shreveport	Louisiana State University at Shreveport Library (1967) .....	229A

SEPTEMBER 1970

LOUISIANA—Continued

		Deposi- tory No.
Shreveport	Shreve Memorial Library (1923)-----	229
Thibodaux	Francis T. Nicholls State College, Leonidas Polk Library (1962)-----	228A

MAINE

Augusta	Maine State Library (unknown)-----	234
Bangor	Bangor Public Library (1884)-----	240
Brunswick	Bowdoin College, Hawthorne-Longfellow Library (1884)-----	237
Castine	Maine Maritime Academy, Nutting Memorial Library (1969)-----	236A
Lewiston	Bates College Library (1883)-----	239
Orono	University of Maine, Raymond H. Fogler Library (1907)—REGIONAL-----	235
Portland	Portland Public Library (1884)-----	238
	University of Maine Law Library (1964)-----	237A
Springvale	Nasson College Library (1961)-----	236
Waterville	Colby College Library (1884)-----	239A

MARYLAND

Annapolis	Maryland State Library (unknown)-----	241
	U.S. Naval Academy Library (1895)-----	244
Baltimore	Enoch Pratt Free Library (1887)-----	246
	Johns Hopkins University, Milton S. Eisenhower Library (1882)-----	245
	Morgan State College, Soper Library (1940)-----	249
	University of Maryland, School of Law Library (1969)-----	241A
Bel Air	Harford Junior College Library (1967)-----	248B
Bethesda	Montgomery County Department of Public Libraries (1951)-----	252
Chestertown	Washington College, George Avery Bunting Library (1891)-----	247
College Park	University of Maryland, McKeldin Library (1925)—REGIONAL-----	242
Frostburg	Frostburg State College, Jerome Frampton Library (1967)-----	248C
Germantown	Atomic Energy Commission Library (1963)-----	DG14
Patuxent River	Naval Air Station Library (1968)-----	DG21
Salisbury	Salisbury State College, Blackwell Library (1965)-----	247A
Towson	Goucher College, Julia Rogers Library (1966)-----	248A
Westminster	Western Maryland College Library (1896)-----	248

MASSACHUSETTS

Amherst	Amherst College Library (1884)-----	260
	University of Massachusetts, Goodell Library (1907)-----	254
Belmont	Belmont Memorial Library (1968)-----	264
Boston	Boston Athenaeum Library (unknown)-----	269
	Boston College, Bapst Library (1963)-----	257A
	Boston Public Library (1859)-----	268A
	Northeastern University, Dodge Library (1962)-----	268B
	State Library of Massachusetts (unknown)— REGIONAL-----	253
Brookline	Public Library of Brookline (1925)-----	268
Cambridge	Harvard College Library (1860)-----	257
	Massachusetts Institute of Technology Libraries (1946)-----	255
Chicopee	Our Lady of the Elms College Library (1969)-----	261



LIST OF DEPOSITORY LIBRARIES

MASSACHUSETTS—Continued

		Depository No.
Lowell	Lowell Technological Institute Library (1952).....	263
Lynn	Lynn Public Library (1953).....	265
Medford	Tufts University Library (1899).....	258
New Bedford	New Bedford Free Public Library (1858).....	267
North Dartmouth	Southeastern Massachusetts University Library (1965).....	267A
North Easton	Stonehill College, Cushing-Martin Library (1962).....	272A
Springfield	Springfield City Library (1966).....	258A
Waltham	Brandeis University, Goldfarb Library (1965).....	262A
Wellesley	Wellesley College Library (1943).....	272
Wenham	Gordon College, Winn Library (1963).....	265A
Williamstown	Williams College Library (unknown).....	259
Worcester	American Antiquarian Society Library (1814).....	256
	Worcester Public Library (1859).....	262

MICHIGAN

Albion	Albion College, Stockwell Memorial Library (1966).....	279B
Allendale	Grand Valley State College Library (1963).....	281A
Alma	Alma College, Monteith Library (1963).....	284A
Ann Arbor	University of Michigan, General Library (1884).....	278
Battle Creek	Willard Library (1876).....	279
Benton Harbor	Benton Harbor Public Library (1907).....	280
Bloomfield Hills	Cranbrook Institute of Science Library (1940).....	293
Dearborn	Henry Ford Centennial Library (1969).....	292C
	Henry Ford Community College Library (1957).....	292
Detroit	Detroit Public Library (1868)—REGIONAL.....	275
	Marygrove College Library (1965).....	277
	Mercy College of Detroit Library (1965).....	277A
	University of Detroit Library (1884).....	291
	Wayne County Public Library (1957).....	292A
	Wayne State University Library (1937).....	289
East Lansing	Michigan State University Library (1907).....	274
Escanaba	Michigan State Library, Upper Peninsula Branch (1964).....	287A
Farmington	Martin Luther King Learning Resources Center, Oakland Community College (1968).....	283A
Flint	Charles Stewart Mott Library (1959).....	282
	Flint Public Library (1967).....	282A
Grand Rapids	Grand Rapids Public Library (1876).....	281
	Knollerest Calvin Library (1967).....	281B
Houghton	Michigan Technological University Library (1876).....	288
Jackson	Jackson Public Library (1965).....	273A
Kalamazoo	Kalamazoo Library System (1907).....	276
	Western Michigan University, Dwight B. Waldo Library (1963).....	279A
Lansing	Michigan State Library (unknown)—REGIONAL.....	273
Livonia	Schoolcraft College Library (1962).....	292B
Marquette	Northern Michigan University, Olsen Library (1963).....	288A
Mt. Clemens	Macomb County Library (1968).....	274A
Mt. Pleasant	Central Michigan University Library (1958).....	286
Muskegon	Hackley Public Library (1894).....	285
Petoskey	North Central Michigan College Library (1962).....	287
Port Huron	Saint Clair County Library System (1876).....	283
Rochester	Oakland University, Kresge Library (1964).....	293A
Saginaw	Hoyt Public Library (1890).....	284
Traverse City	Northwestern Michigan College, Mark Osterlin Library (1964).....	285A

SEPTEMBER 1970

MICHIGAN—Continued

Depository No.

University Center Ypsilanti	Delta College Library (1963).....	286A
	Eastern Michigan University Library (1965)....	278A

MINNESOTA

Bemidji	Bemidji State College, A. C. Clark Library (1963).....	306A
Collegeville	St. John's University, Alcuin Library (1954)....	303
Duluth	Duluth Public Library (1909).....	305
Mankato	Mankato State College Memorial Library (1962).....	299A
Minneapolis	Minneapolis Public Library (1893).....	302
	University of Minnesota, Wilson Library (1907)—REGIONAL.....	295
Moorhead	Moorhead State College Library (1956).....	306
Morris	University of Minnesota at Morris Library (1963).....	304A
Northfield	Carleton College Library (1930).....	296
	St. Olaf College, Rolvaag Memorial Library (1930).....	298
St. Cloud	St. Cloud State College Library (1962).....	303A
St. Paul	Minnesota Historical Society Library (1867)....	301
	Minnesota State Law Library (unknown).....	294
	St. Paul Public Library (1914).....	297
Saint Peter	Gustavus Adolphus College Library (1941).....	299
Stillwater	Stillwater Public Library (1893).....	300
Willmar	Kandiyohi County-Willmar Library (1958).....	304
Winona	Winona State College, Maxwell Library (1969)..	298A

MISSISSIPPI

Columbus	Mississippi State College for Women, J. C. Fant Memorial Library (1929).....	313
Hattiesburg	University of Southern Mississippi Library (1935).....	318
Jackson	Jackson State College Library (1968).....	314
	Millsaps College, Millsaps-Wilson Library (1963).....	310
	Mississippi Library Commission (1947).....	311
	Mississippi State Law Library (unknown).....	307
Lorman	Alcorn Agricultural and Mechanical College Library (1970).....	308A
State College	Mississippi State University, Mitchell Memorial Library (1907).....	308
University	University of Mississippi Library (1883).....	312
	University of Mississippi, School of Law Library (1967).....	309

MISSOURI

Cape Girardeau	• Southeast Missouri State College, Kent Library (1916).....	334
Columbia	University of Missouri Library (1862).....	321
Fayette	Central Methodist College Library (1962).....	334A
Fulton	Westminster College, Reeves Library (1875)....	333
Jefferson City	Lincoln University, Inman E. Page Library (1944).....	322
	Missouri State Library (1963).....	334B
	Missouri Supreme Court Library (unknown)....	320
Joplin	Missouri Southern State College Library (1966)..	330C
Kansas City	Kansas City Public Library (1881).....	328
	Rockhurst College Library (1917).....	324
	University of Missouri at Kansas City, General Library (1938).....	329

LIST OF DEPOSITORY LIBRARIES

	MISSOURI—Continued	Depository No.
Kirksville	Northeast Missouri State Teachers College, Pickler Memorial Library (1966)-----	323A
Liberty	William Jewell College Library (1900)-----	327
Rolla	University of Missouri at Rolla Library (1907)-----	332
St. Joseph	St. Joseph Public Library (1891)-----	327A
St. Louis	St. Louis County Library (1970)-----	336A
	St. Louis Public Library (1866)-----	335
	St. Louis University, Law Library (1967)-----	335A
	St. Louis University, Pius XII Memorial Library (1866)-----	323
	University of Missouri at St. Louis Library (1966)-----	326
	Washington University, John M. Olin Library (1906)-----	336
Springfield	Drury College Library (1874)-----	330A
	Southwest Missouri State College Library (1963)-----	330B
Warrensburg	Central Missouri State College, Ward Edwards Library (1914)-----	330
MONTANA		
Billings	Eastern Montana College Library (1924)-----	343
Bozeman	Montana State University Library (1907)-----	339
Butte	Montana College of Mineral Science and Technology Library (1901)-----	340
Helena	Montana Historical Society Library (unknown)-----	338
	Montana State Library (1966)-----	342
Missoula	University of Montana Library (1909)—REGIONAL-----	341
NEBRASKA		
Blair	Dana College Library (1924)-----	349
Crete	Doane College, Whitin Library (1944)-----	348
Fremont	Midland Lutheran College Library (1924)-----	350
Kearney	Kearney State College, Calvin T. Ryan Library (1962)-----	351A
Lincoln	Nebraska State Library (unknown)-----	344
	University of Nebraska, Don L. Love Memorial Library (1907)-----	345
Omaha	Creighton University, Alumni Library (1964)-----	349A
	Omaha Public Library (1880)-----	346
	University of Omaha, Gene Eppley Library (1939)-----	347
Scottsbluff	Scottsbluff Public Library (1925)-----	351
Wayne	Wayne State College, U.S. Conn Library (1970)-----	347A
NEVADA		
Carson City	Nevada State Library (unknown)-----	352
Las Vegas	University of Nevada at Las Vegas, James R. Dickinson Library (1959)-----	355
Reno	University of Nevada Library (1907)—REGIONAL-----	353
NEW HAMPSHIRE		
Concord	New Hampshire State Library (unknown)-----	357
Durham	University of New Hampshire Library (1907)-----	358
Hanover	Dartmouth College, Baker Library (1884)-----	362



SEPTEMBER 1970

NEW HAMPSHIRE—Continued

Depository No.

Henniker	New England College Library (1966)-----	362A
Manchester	Manchester City Library (1884)-----	360
	St. Anselm's College, Geisel Library (1963)---	359

NEW JERSEY

Atlantic City	Atlantic City Free Public Library (1908)-----	368
Bayonne	Bayonne Free Public Library (1909)-----	379
Bloomfield	Free Public Library of Bloomfield (1965)-----	376A
Bridgeton	Cumberland County Library (1966)-----	368A
Camden	Rutgers Library in South Jersey (1966)-----	367
Convent Station	College of St. Elizabeth, Mahoney Library (1938)-----	365
East Orange	East Orange Public Library (1966)-----	377A
Elizabeth	Free Public Library of Elizabeth (1895)-----	372
Glassboro	Glassboro State College, Savitz Library (1963)---	367A
Hackensack	Johnson Free Public Library (1966)-----	374
Irvington	Free Public Library of Irvington (1966)-----	380
Jersey City	Jersey City Public Library (1879)-----	379A
	Jersey City State College, Forrest A. Irwin Library (1963)-----	365A
Madison	Drew University, Rose Memorial Library (1939)-----	371
Mount Holly	Burlington County Area Library (1966)-----	370A
New Brunswick	Free Public Library (1908)-----	369
	Rutgers University Library (1907)-----	364
Newark	Newark Public Library (1906)—REGIONAL---	376
	Rutgers-The State University, John Cotton Dana Library (1966)-----	366A
Passaic	Passaic Public Library (1964)-----	364A
Princeton	Princeton University Library (1884)-----	370
Rutherford	Fairleigh Dickinson University, Messler Li- brary (1953)-----	375
Shrewsbury	Monmouth County Library (1968)-----	363A
South Orange	Seton Hall University Library (1947)-----	377
Teaneck	Fairleigh Dickinson University, Teaneck Cam- pus Library (1963)-----	375A
Toms River	Ocean County College Library (1966)-----	373A
Trenton	New Jersey State Library, Law and Reference Bureau, Department of Education (un- known)-----	363
	Trenton Free Public Library (1902)-----	366
Upper Montclair	Montclair State College, Harry A. Sprague Library (1967)-----	380A
West Long Branch	Monmouth College, Guggenheim Memorial Library (1963)-----	373
West New York	West New York Free Public Library (1963)---	378
Woodbridge	Free Public Library of Woodbridge (1965)-----	369

NEW MEXICO

Albuquerque	University of New Mexico, Zimmerman Library (1896)—REGIONAL-----	383
Hobbs	New Mexico Junior College, Pannell Library (1969)-----	385
Las Cruces	New Mexico State University Library (1907)---	382
Las Vegas	New Mexico Highlands University, Donnelly Library (1913)-----	384
Portales	Eastern New Mexico University Library (1962)---	383A
Sante Fe	New Mexico State Library (1960)—REGION- AL-----	386
	Supreme Court Law Library (unknown)-----	381

LIST OF DEPOSITORY LIBRARIES

	NEW YORK	Depository No.
Albany	New York State Library (unknown)—REGIONAL	387
	State University of New York at Albany Library (1964)	421A
Binghamton	State University of New York at Binghamton Library (1962)	425A
Brookport	State University of New York, Drake Memorial Library (1967)	430A
	Herbert H. Lehman College Library (1967)	390C
Bronx	Sarah Lawrence College Library (1969)	415A
Bronxville	Brooklyn College Library (1936)	397
	Brooklyn Public Library (1908)	398
Brooklyn	Polytechnic Institute of Brooklyn, Spicer Library (1963)	396A
	Pratt Institute Library (1891)	396
	State University of New York, Downstate Medical Center Library (1958)	404
	Buffalo and Erie County Public Library (1895)	432
Buffalo	State University of New York at Buffalo, Lockwood Memorial Library (1963)	433
	St. Lawrence University, Owen D. Young Library (1920)	391
Canton	Corning Community College, Arthur A. Houghton, Jr. Library (1963)	434A
Cortland	State University of New York, College at Cortland, Memorial Library (1964)	399
Delhi	State University Agricultural and Technical College Library (1970)	417A
Elmira	Elmira College, Gannett-Tripp Learning Center (1956)	425
Farmingdale	State University Agricultural and Technical Institute at Farmingdale Library (1917)	392
	Queens College, Paul Klapper Library (1939)	435
Flushing	Adelphi University, Swirbul Library (1966)	390A
	Nassau Library System (1965)	427A
Garden City	State University College, Milne Library (1967)	430
	C. W. Post College Library (1964)	395
Geneseo	Colgate University Library (1902)	423
Greenvale	Hofstra University Library (1964)	427
Hamilton	Huntington Public Library (1966)	392A
Hempstead	Cornell University Library (1907)	388
Huntington	New York State Colleges of Agriculture and Home Economics, Albert R. Mann Library (1943)	428
	Queens Borough Public Library (1926)	393
Ithaca	St. John's University Library (1956)	401
	U.S. Merchant Marine Academy Library (1962)	400
Jamaica	Mount Vernon Public Library (1962)	419
Kings Point	State University College Library (1965)	436A
	City University of New York, City College Library (1884)	412
Mount Vernon	College of Insurance, Ecker Library (1965)	402A
	Columbia University Libraries (1882)	410
New Platz	Cooper Union Library (1930)	405
	Fordham University Library (1937)	414
New York City	New York Law Institute Library (1909)	402
	New York Public Library (Astor Branch) (1907)	408
New York City	New York Public Library (Lenox Branch) (1884)	408A
	New York University Libraries (1967)	390B
New York City	New York University, University Heights Gould Memorial Library (1902)	390

SEPTEMBER 1970

NEW YORK—Continued

Depository No.

New York City	State University of New York, Maritime College Library (1947)-----	416
Newburgh	Newburgh Free Library (1909)-----	417
Oakdale	Dowling College Library (1965)-----	394A
Oneonta	State University College, James M. Milne Library (1966)-----	399A
Oswego	State University College, Penfield Library (1966)-----	391A
Plattsburgh	State University College, Benjamin F. Feinberg Library (1967)-----	420B
Potsdam	Clarkson College of Technology, Harriet Call Burnap Memorial Library (1938)-----	422
	State University College, Frederick W. Crumb Memorial Library (1964)-----	422A
Poughkeepsie	Vassar College Library (1943)-----	436
Purchase	State University of New York, College at Purchase Library (1969)-----	419A
Rochester	Rochester Public Library (1963)-----	429A
	University of Rochester Library (1880)-----	429
St. Bonaventure	St. Bonaventure College, Friedsam Memorial Library (1938)-----	434
Saratoga Springs	Skidmore College Library (1964)-----	420
Schenectady	Union College, Schaffer Library (1901)-----	421
Staten Island	Wagner College, Horrmann Library (1953)-----	409
(Grymes Hill)		
Stony Brook	State University of New York at Stony Brook Library (1963)-----	394
Syracuse	Syracuse University Library (1878)-----	426
Troy	Troy Public Library (1869)-----	420A
Utica	Utica Public Library (1885)-----	424
West Point	U.S. Military Academy Library (unknown)-----	389
Yonkers	Yonkers Public Library (1910)-----	415

NORTH CAROLINA

Asheville	University of North Carolina at Asheville, D. Hiden Ramsey Library (1965)-----	453A
Boone	Appalachian State University, Dauphin Disco Dougherty Library (1963)-----	450A
Buies Creek	Campbell College, Carrie Rich Memorial Library (1965)-----	449
Chapel Hill	University of North Carolina Library (1884)-----	447
	REGIONAL-----	
Charlotte	Public Library of Charlotte and Mecklenburg County (1964)-----	451A
	Queens College, Everett Library (1927)-----	451
	University of North Carolina at Charlotte, Atkins Library (1964)-----	451B
Cullowhee	Western Carolina University, Hunter Library (1953)-----	453
Davidson	Davidson College, Hugh A. & Jane Grey Memorial Library (1893)-----	441
Durham	Duke University Library (1890)-----	440
Greensboro	North Carolina Agricultural and Technical State University, F. D. Bluford Library (1937)-----	439
	University of North Carolina at Greensboro, Walter Clinton Jackson Library (1963)-----	447A
Greenville	East Carolina University, J. Y. Joyner Library (1951)-----	442
Laurinburg	St. Andrews Presbyterian College, DeTamble Library (1969)-----	452
Murfreesboro	Chowan College, Whitaker Library (1963)-----	442A
Pembroke	Pembroke State University Library (1956)-----	448



## LIST OF DEPOSITORY LIBRARIES

### NORTH CAROLINA—Continued

		Depository No.
Raleigh	North Carolina State Library (unknown)-----	437
	North Carolina State University, D. H. Hill Library (1923)-----	438
Rocky Mount	Wake County Public Libraries (1969)-----	445A
	North Carolina Wesleyan College Library (1969)-----	443A
Salisbury Wilmington	Catawba College Library (1925)-----	450
	University of North Carolina at Wilmington, William M. Randall Library (1965)-----	448A
Wilson	Atlantic Christian College, Clarence L. Hardy Library (1930)-----	443
Winston-Salem	Forsyth County Public Library System (1954)---	446
	Wake Forest University, Z. Smith Reynolds Library (1902)-----	445

### NORTH DAKOTA

Bismarck	North Dakota State Historical Society Library 1907-----	457
	North Dakota State Law Library (unknown)---	454
Dickinson	Veterans Memorial Public Library (1967)-----	456A
	Dickinson State College Library (1968)-----	459A
Fargo	Fargo Public Library (1964)-----	458A
	North Dakota State University Library (1907)--- REGIONAL, in cooperation with University of North Dakota, Chester Fritz Library at Grand Forks-----	455
Grand Forks	University of North Dakota, Chester Fritz Library (1890)-----	456
Minot	Minot State College, Memorial Library (1925)---	459
Richardton	Assumption College, Abbey Library (1965)-----	457A
Valley City	State College Library (1913)-----	458

### OHIO

Ada	Ohio Northern University, J. P. Taggart Law Library (1965)-----	485B
Akron	Akron Public Library (1952)-----	477B
	University of Akron Library (1963)-----	477C
Alliance	Mount Union College Library (1888)-----	479
Ashland	Ashland College Library (1938)-----	486
Athens	Ohio University Library (1886)-----	473
Bluffton	Bluffton College, Musselman Library (1951)---	467
Bowling Green	Bowling Green State University Library (1933)-----	476
	Malone College Library (1970)-----	479B
Canton	Ohio University at Chillicothe Library (1968)---	469A
Cincinnati	Public Library of Cincinnati and Hamilton County (1884)-----	464
	University of Cincinnati Library (1929)-----	465
Cleveland	Case Western Reserve University, Freiburger Library (1913)-----	485A
	Cleveland Heights-University Heights Public Library (1970)-----	471A
	Cleveland Public Library (1886)-----	463
	Cleveland State University Library (1966)-----	471
	John Carroll University, Grasselli Library (1963)-----	460A
Columbus	Capital University Library (1968)-----	474A
	Columbus Public Library (1885)-----	475
	Ohio State Library (unknown)—REGIONAL---	460
	Ohio State University Library (1907)-----	461

SEPTEMBER 1970

OHIO—Continued

Depository No.

Dayton	Dayton and Montgomery County Public Library (1909)-----	466
	University of Dayton, Albert Emamuel Library (1969)-----	467A
	Wright State University Library (1965)-----	462A
Delaware	Ohio Wesleyan University, L. A. Beeghly Library (1845)-----	480A
Elyria	Elyria Public Library (1966)-----	476A
Findlay	Findlay College, Shafer Library (1969)-----	483A
Gambier	Kenyon College Library (1873)-----	462
Granville	Denison University Library (1884)-----	480
Hiram	Hiram College, Teachout-Price Memorial Library (1874)-----	477A
Kent	Kent State University Library (1962)-----	483
Mansfield	Ohio State University, Mansfield Campus Library (1969)-----	461A
Marietta	Marietta College, Dawes Memorial Library (1884)-----	478
Middletown	Miami University at Middletown, Gardner-Harvey Library (1970)-----	466B
New Concord	Muskingum College Library (1966)-----	478A
Oberlin	Oberlin College Library (1858)-----	477
Oxford	Miami University, Alumni Library (1909)-----	466A
Portsmouth	Portsmouth Public Library (unknown)-----	469
Rio Grande	Rio Grande College, Jeanette Albiez Davis Library (1966)-----	473A
Springfield	Warder Public Library (1884)-----	470
Steubenville	Public Library of Steubenville and Jefferson County (1950)-----	481
Tiffin	Heidelberg College, Beeghly Library (1964)-----	485
Toledo	Toledo Public Library (1884)-----	472
	University of Toledo Library (1963)-----	472A
Van Wert	Brumback Library of Van Wert County (1900)---	468
Westerville	Otterbein College, Centennial Library (1967)---	474
Wooster	College of Wooster, the Andrews Library (1966)---	479A
Youngstown	Public Library of Youngstown and Mahoning County (1923)-----	482

OKLAHOMA

Ada	East Central State College, Linscheid Library (1914)-----	490
Alva	Northwestern State College Library (1907)-----	499
Bartlesville	Bureau of Mines, Petroleum Research Center Library (1962)-----	DG3
Durant	Southeastern State College Library (1929)-----	494
Edmond	Central State College Library (1934)-----	496A
Enid	Public Library of Enid and Garfield County (1908)-----	499A
Langston	Langston University, G. Lamar Harrison Library (1941)-----	489
Norman	University of Oklahoma Libraries (1893)-----	496
Oklahoma City	Oklahoma City University Library (1963)-----	496B
	Oklahoma Department of Libraries (1893)-----	487
	REGIONAL-----	
Shawnee	Oklahoma Baptist University Library (1933)---	495
Stillwater	Oklahoma State University Library (1907)-----	488
Tahlequah	Northeastern State College, John Vaughan Library (1923)-----	491
Tulsa	Tulsa City-County Library Commission (1963)---	491A
	University of Tulsa, McFarlin Library (1929)---	492
Weatherford	Southwestern State College Library (1958)-----	497

LIST OF DEPOSITORY LIBRARIES

OREGON

		Depository No.
Ashland	Southern Oregon College Library (1953)-----	507
Corvallis	Oregon State University Library (1907)-----	501
Eugene	University of Oregon Library (1883)-----	502
Forest Grove	Pacific University Library (1897)-----	504
La Grande	Eastern Oregon College, Walter M. Pierce Library (1954)-----	505
McMinnville	Linfield College, Northup Library (1965)-----	502A
Monmouth	Oregon College of Education Library (1967)-----	503A
Portland	Department of the Interior, Bonneville Power Administration Library (1962)-----	DG7
	Lewis and Clark College, Aubrey R. Watzek Library (1967)-----	504A
	Library Association of Portland (1884)-----	506
	Portland State University Library (1963)-----	506A
	Reed College Library (1912)-----	503
Salem	Oregon State Library (unknown)-----	500
	Willamette University Library (1969)-----	505A

PENNSYLVANIA

Allentown	Muhlenberg College, Haas Library (1939)-----	520
Altoona	Altoona Public Library (1969)-----	523
Bethlehem	Lehigh University, Linderman Library (1876) -	532
Bradford	Carnegie Public Library (1909)-----	531
Carlisle	Dickinson College Library (1947)-----	530
Cheyney	Cheyney State College, Leslie, Pinckney Hill Library (1947)-----	521B
Collegeville	Ursinus College Library (1963)-----	519A
Doylestown	Bucks County Free Library, Center County Library (1970)-----	518A
East Stroudsburg	East Stroudsburg State College, Kemp Library (1966)-----	532A
Erie	Erie Public Library (1897)-----	540A
Greenville	Thiel College, Langenheim Memorial Library (1963)-----	510A
Harrisburg	Pennsylvania State Library (unknown)—RE- GIONAL-----	508
Haverford	Haverford College Library (1897)-----	519
Hazleton	Hazleton Area Public Library (1964)-----	522B
Indiana	Indiana University of Pennsylvania, Rhodes R. Stabley Library (1962)-----	533
Johnstown	Cambria Public Library (1965)-----	533A
Lancaster	Franklin and Marshall College, Fackenthal Li- brary (1895)-----	521
Lewisburg	Bucknell University, Ellen Clarke Bertrand Li- brary (1963)-----	526A
Mansfield	Mansfield State College Library (1968)-----	515A
Meadville	Allegheny College, Reis Library (1907)-----	540
Millersville	Millersville State College, Ganser Library (1966)-----	521A
Monessen	Monessen Public Library (1969)-----	535
New Castle	New Castle Free Public Library (1963)-----	534
Newtown	Bucks County Community College Library (1968)-----	518
Norristown	Montgomery County-Norristown Public Library (1969)-----	519B
Philadelphia	Drexel Institute of Technology Library (1963) -	511A
	Free Library of Philadelphia (1897)-----	515
	Temple University Library, Serials Records Unit (1947)-----	516
	University of Pennsylvania Library (1886)-----	513B
Pittsburgh	Bureau of Mines, Pittsburgh Research Center Library (1962)-----	DG1



PENNSYLVANIA—Continued

Depository No.

Pittsburgh	Carnegie Library of Pittsburgh, Allegheny Regional Branch (1924)-----	527
	Carnegie Library of Pittsburgh (1895)-----	542
	University of Pittsburgh, Hillman Library (1910)-----	511
Pottsville	Pottsville Free Public Library (1967)-----	525A
Reading	Reading Public Library (1901)-----	525
Scranton	Scranton Public Library (1895)-----	522
Slippery Rock	Slippery Rock State College, Maltby Library (1965)-----	534A
	Swarthmore College Library (1923)-----	510
University Park	Pennsylvania State University Library (1907)---	509
	Villanova University, School of Law Library (1964)-----	524
Warren	Warren Library Association, Warren Public Library (1885)-----	531A
Washington	Washington and Jefferson College, Memorial Library (1884)-----	536
Waynesburg	Waynesburg College Library (1964)-----	536A
	West Chester State College, Francis Harvey Green Library (1967)-----	521C
Wilkes-Barre	King's College Library (1949)-----	522A
	Lycoming College Library (1970)-----	526
	York Junior College Library (1963)-----	530A

PUERTO RICO

Mayaguez	University of Puerto Rico, Mayaguez Campus Library (1928)-----	550
Ponce	Catholic University of Puerto Rico Library (1966)-----	550A
Rio Piedras	University of Puerto Rico General Library (1928)-----	549

RHODE ISLAND

Kingston	University of Rhode Island Library (1907)----	554
	Naval War College Library (1963)-----	DG10
Newport	Brown University, John D. Rockefeller, Jr. Library (unknown)-----	555
	Providence College Library (1969)-----	558A
Providence	Providence Public Library (1884)-----	556
	Rhode Island College Library (1965)-----	555A
Warwick	Rhode Island State Library (before 1895)-----	553
	Warwick Public Library (1966)-----	556A
Westerly	Westerly Public Library (1909)-----	558

SOUTH CAROLINA

Charleston	Baptist College at Charleston Library (1967)---	564A
	College of Charleston Library (1869)-----	564
	The Citadel Memorial Library (1962)-----	562A
Clemson	Clemson University Library (1893)-----	560
	Benedict College, Starks Library (1969)-----	565A
Columbia	Columbia College Library (1966)-----	565
	South Carolina State Library (before 1895)---	559
Due West	University of South Carolina, McKissick Memorial Library (1884)-----	562
	Erskine College, McCain Library (1968)-----	566A
Florence	Florence County Library (1967)-----	563A
	Francis Marion College Library (1970)-----	569
Greenville	Furman University Library (1962)-----	567
	Greenville County Library (1966)-----	567A
Greenwood	Lander College Library (1967)-----	566

LIST OF DEPOSITORY LIBRARIES

SOUTH CAROLINA—Continued

		Deposi- tory No.
Orangeburg	South Carolina State College Whittaker Library (1953)-----	561
Rock Hill	Winthrop College Library (1896)-----	568
Spartanburg	Spartanburg County Public Library (1967)----	563

SOUTH DAKOTA

Aberdeen	Northern State College Library (1963)-----	574B
Brookings	South Dakota State University, Lincoln Memorial Library (1889)-----	571
Rapid City	Rapid City Public Library (1963)-----	575A
	South Dakota School of Mines and Technology Library (1963)-----	572A
Sioux Falls	Augustana College, Mikkelsen Library and Learning Resources Center (1969)-----	573A
	Carnegie Free Public Library (1903)-----	573
Spearfish	Black Hills State College Library (1942)-----	575
Vermillion	University of South Dakota, I.D. Weeks Library (1889)-----	574A
Yankton	Yankton College, Corliss Lay Library (1904)---	572

TENNESSEE

Bristol	King College Library (1970)-----	576A
Chattanooga	Chattanooga Public Library (1907)-----	583
Clarksville	Austin Peay State University Library (1945)---	587
Cookeville	Tennessee Technological University, Jere Whitson Memorial Library (1969)-----	582
Jackson	Lambuth College, Luther L. Gobbel Library (1967)-----	584
Jefferson City	Carson-Newman College, Maples Library (1964)-----	581A
Johnson City	East Tennessee State University, Sherrod Library (1942)-----	581
Knoxville	University of Tennessee Library (1907)-----	577
Martin	University of Tennessee at Martin Library (1957)-----	588
Memphis	Cossitt Reference Library (1896)-----	590
	Memphis State University, John W. Brister Library (1966)-----	590A
Murfreesboro	Middle Tennessee State University, Andrew L. Todd Library (1912)-----	585
Nashville	Fisk University Library (1965)-----	586A
	Joint University Libraries (1884)-----	580
	Public Library of Nashville and Davidson County (1884)-----	586
	Tennessee State Library and Archives, State Library Division (unknown)-----	576
Sewanee	University of the South, Jesse Ball duPont Library (1873)-----	579

TEXAS

Abilene	Hardin-Simmons University Library (1940)----	612
Arlington	University of Texas at Arlington Library (1963) -	607B
Austin	Texas State Library (unknown)—REGIONAL-----	591
	University of Texas Library (1884)-----	605
	University of Texas, Lyndon B. Johnson School of Public Affairs Library (1966)-----	593
	University of Texas, School of Law Library (1965)-----	605A
Baytown	Lee College Library (1970)-----	592A
Beaumont	Lamar State College of Technology Library (1957)-----	597

SEPTEMBER 1970

TEXAS—Continued

		Depository No.
Brownwood	Howard Payne College, Walker Memorial Library (1964)-----	616
Canyon	West Texas State University Library (1928)---	613
College Station	Texas Agricultural and Mechanical University Library (1907)-----	592
Commerce	East Texas State University Library (1937)---	599
Corsicana	Navarro Junior College Library (1965)-----	601
Dallas	Bishop College, Zale Library (1966)-----	600A
	Dallas Baptist College Library (1967)-----	594A
	Dallas Public Library (1900)-----	594
	Southern Methodist University, Fondren Library (1925)-----	600
Denton	North Texas State University Library (1948)---	608A
Edinburg	Pan American College Library (1959)-----	610
El Paso	El Paso Public Library (1906)-----	611
	University of Texas at El Paso Library (1966)---	611A
Fort Worth	Fort Worth Public Library (1905)-----	607
	Texas Christian University, Mary Coats Burnett Library (1916)-----	607A
Freeport	Brazosport Junior College Library (1969)---	591A
Galveston	Rosenberg Library (1909)-----	604
Houston	Houston Public Library (1884)-----	603
	Rice University, Fondren Library (1967)-----	608C
	University of Houston Library (1957)-----	608
Huntsville	Sam Houston State University, Estill Library (1949)-----	602
Kingsville	Texas Arts and Industries University Library (1944)-----	609
Laredo	Laredo Junior College (1970)-----	595A
Longview	Nicholson Memorial Public Library (1961)---	598
Lubbock	Texas Tech University Library (1935)---	614
	REGIONAL-----	614
Marshall	Wiley College, Cole Library (1962)-----	596
Nacogdoches	Stephen F. Austin State University, Paul L. Boynton Library (1965)-----	602A
Plainview	Wayland Baptist College, Van Howeling Memorial Library (1963)-----	614A
San Angelo	Angelo State University Library (1964)---	616A
San Antonio	San Antonio Public Library, Business and Science Department (1899)-----	615
	St. Mary's University Library (1964)-----	615A
	Trinity University Library (1964)-----	615B
San Marcos	Southwest Texas State University Library (1955)-----	595
Sherman	Austin College, Arthur Hopkins Library (1963)---	599A
Texarkana	Texarkana College Library (1963)-----	596A
Waco	Baylor University Library (1905)-----	606
Wichita Falls	Midwestern University, Moffett Library (1963)---	608B

UTAH

Cedar City	Southern Utah State College Library (1964)---	620A
Ephraim	Snow College Library (1963)-----	621
Logan	Utah State University, Merrill Library (1907)---	618
	REGIONAL-----	618
Ogden	Weber State College Library (1962)-----	620
Provo	Brigham Young University Library (1908)---	619
Salt Lake City	University of Utah, Law Library (1966)-----	622A
	University of Utah, Medical Sciences Library (1970)-----	619A
	University of Utah Library (1893)-----	622
	Utah State Library Commission, Documents Library (unknown)-----	617



LIST OF DEPOSITORY LIBRARIES

VERMONT

		Depository No.
Burlington	University of Vermont, Bailey Library (1907)---	624
Castleton	Castleton State College, Calvin Collidge Library (1969)-----	626A
Johnson	Johnson State College, John Dewey Library (1955)-----	625
Lyndonville	Lyndon State College, Samuel Reed Hall Library (1969)-----	625A
Middlebury	Middlebury College, Egbert Starr Library (1884)-----	627
Montpelier	Vermont State Library (before 1895)-----	623
Northfield	Norwich University Library (1908)-----	627A
Putney	Windham College, Dorothy Culbertson Marvin Memorial Library (1965)-----	626

VIRGIN ISLANDS

Charlotte Amalie (St. Thomas)	St. Thomas Public Library (1968)-----	627B
----------------------------------	---------------------------------------	------

VIRGINIA

Blacksburg	Virginia Polytechnic Institute, Newman Library (1907)-----	629
Bridgewater	Bridgewater College, Alexander Mack Memorial Library (1902)-----	639
Charlottesville	University of Virginia, Alderman Library (1910)—REGIONAL-----	640
Chesapeake	University of Virginia Law Library (1964)-----	632A
Danville	Chesapeake Public Library System (1970)-----	636A
Emory	Danville Community College Library (1969)---	637
Fairfax	Emory and Henry College Library (1884)-----	641
Fredericksburg	George Mason College of the University of Virginia, Fenwick Library (1960)-----	641A
Hampden-Sydney	Mary Washington College of the University of Virginia, E. Lee Trinkle Library (1940)-----	633
Hollins College	Hampden-Sydney College, Eggleston Library (1891)-----	636
Lexington	Hollins College, Fishburn Library (1967)-----	628A
Norfolk	Virginia Military Institute, Preston Library (1874)-----	639A
Petersburg	Washington and Lee University, Cyrus Hall McCormick Library (1910)-----	632
Quantico	Armed Forces Staff College Library (1963)---	DG12
Richmond	Norfolk Public Library (1895)-----	634
Roanoke	Old Dominion University, Hughes Memorial Library (1963)-----	634A
Salem	Virginia State College, Johnston Memorial Library (1907)-----	630
Williamsburg	Marine Corps Schools, James Carson Breckinridge Library (1967)-----	DG18
	University of Richmond, Boatwright Memorial Library (1900)-----	635
	Virginia State Library (unknown)-----	628
	Roanoke Public Library (1964)-----	638A
	Roanoke College Library (1886)-----	638
	William and Mary College Library (1936)-----	631

WASHINGTON

Bellingham	Western Washington State College, Wilson Library (1963)-----	647A
Cheney	Eastern Washington State College Library (1966)-----	650A
Ellensburg	Central Washington State College Library (1962)-----	649A

SEPTEMBER 1970

WASHINGTON—Continued

Depository No.

Everett	Everett Public Library (1914)-----	647
Olympia	Washington State Library (unknown)—RE-	
	GIONAL-----	642
Port Angeles	Port Angeles Public Library (1965)-----	647B
Pullman	Washington State University Library (1907)---	643
Seattle	Seattle Public Library (1908)-----	646
	University of Washington Library (1890)-----	644
	University of Washington, School of Law Li-	
	brary (1969)-----	645 A
Spokane	Spokane Public Library (1910)-----	650
Tacoma	Tacoma Public Library (1894)-----	651
	University of Puget Sound, Collins Memorial	
	Library (1938)-----	645
Vancouver	Fort Vancouver Regional Library (1962)-----	648
Walla Walla	Whitman College, Penrose Memorial Library	
	(1890)-----	649

WEST VIRGINIA

Athens	Concord College Library (1924)-----	656
Charleston	Kanawha County Public Library (1952)-----	655
	West Virginia Department of Archives and	
	History Library (unknown)-----	652
Elkins	Davis and Elkins College Library (1913)-----	658
Fairmont	Fairmont State College Library (1884)-----	657
Glenville	Glenville State College, Robert F. Kidd Library	
	(1966)-----	656 A
Huntington	Marshall University Library (1925)-----	660
Institute	West Virginia State College Library (1907)-----	654
Morgantown	West Virginia University Library (1907)—RE-	
	GIONAL-----	653
Salem	Salem College Library (1921)-----	659
Weirton	Mary H. Weir Public Library (1963)-----	655 A

WISCONSIN

Appleton	Lawrence University, Samuel Appleton Library	
	(1869)-----	674
Beloit	Beloit College Libraries (1888)-----	666
Eau Claire	Wisconsin State University, William D. McIn-	
	tyre Library (1951)-----	675
Fond du Lac	Fond du Lac Public Library (1966)-----	672 A
Green Bay	University of Wisconsin at Green Bay Library	
	(1968)-----	674 A
La Crosse	La Crosse Public Library (1883)-----	669
	Wisconsin State University, Murphy Library	
	(1965)-----	666 A
Madison	Department of Public Instruction, Division	
	for Library Services, Reference and Loan	
	Library (1965)-----	665 A
	Madison Public Library (1965)-----	668 A
	State Historical Society Library (1870)—RE-	
	GIONAL, in cooperation with University	
	of Wisconsin, Memorial Library-----	668
	University of Wisconsin, Memorial Library	
	(1939)-----	664
	Wisconsin State Library (unknown)-----	663
Milwaukee	Milwaukee County Law Library (1934)-----	671
	Milwaukee Public Library (1861)—RE-	
	GIONAL-----	670
	Mount Mary College Library (1964)-----	671 B
	Oklahoma Neighborhood Library (1965)-----	661
	University of Wisconsin-Milwaukee Library	
	(1960)-----	671 A

LIST OF DEPOSITORY LIBRARIES

	WISCONSIN—Continued	Depository No.
Oshkosh	Wisconsin State University, Forrest R. Polk Library (1956)-----	672
Platteville	Wisconsin State University, Elton S. Karmann Library (1964)-----	669A
Racine	Racine Public Library (1898)-----	667
River Falls	Wisconsin State University, Chalmer Davee Library (1962)-----	675A
Stevens Point	Wisconsin State University Library (1951)-----	673
Superior	Superior Public Library (1908)-----	676
	Wisconsin State University, Jim Dan Hill Library (1935)-----	665
Waukesha	Waukesha Public Library (1966)-----	670A
Whitewater	Wisconsin State University, Harold Andersen Library (1963)-----	667A
WYOMING		
Casper	Natrona County Public Library (1929)-----	680
Cheyenne	Wyoming State Library (unknown)-----	677
Laramie	University of Wyoming, Coe Library (1907)---	678
Powell	Northwest Community College Library (1967) -	681A
Riverton	Central Wyoming College Library (1969)-----	679
Rock Springs	Western Wyoming College Library (1969)-----	680A
Sheridan	Sheridan College, Mary Brown Kooi Library (1963)-----	681







## GOVERNMENT PRINTING OFFICE BOOKSTORES

In addition to the mail-order service provided by the office of the Superintendent of Documents, Government Printing Office, for the sale of those publications listed in the Monthly Catalog with an asterisk (\*) and price, there are also seven retail bookstores which constitute a part of the operations of that office. The locations of these stores are shown below:

Government Printing Office  
719 North Capitol Street  
Washington, D.C. 20402  
Telephone: Area code 202—783-3248

Department of Commerce, Lobby  
14th and Constitution Avenue NW.  
Washington, D.C. 20230  
Telephone: Area code 202—WOrth  
7-3527

USIA Building, 1st floor  
1776 Pennsylvania Avenue NW.  
Washington, D.C. 20547  
Telephone: Area code 202—632-9668

Department of State Building, 1st floor  
21st and C Streets NW.  
Washington, D.C. 20520  
Telephone: Area code 202—632-1437  
(Public access to building controlled by  
security regulations.)

Pentagon Building  
Main Concourse, south end  
Washington, D.C. 20310  
Telephone: Area code 202—541-2998

Boston Branch  
Room G25, John F. Kennedy Federal  
Building  
Sudbury Street  
Boston, Massachusetts 02203  
Telephone: Area code 617—223-6071

Chicago Branch  
Room 1463—14th floor  
Everett McKinley Dirksen Building  
219 South Dearborn Street  
Chicago, Illinois 60604  
Telephone: Area code 312—353-5133

Kansas City Branch  
Room 135, Federal Office Building  
601 East 12th Street  
Kansas City, Missouri 64106  
Telephone: Area code 816—374-2160

Los Angeles Branch  
Room 1015, Federal Office Building  
300 North Los Angeles Street  
Los Angeles, California 90012  
Telephone: Area code 213—688-5841

San Francisco Branch  
Room 1023, Federal Office Building  
450 Golden Gate Avenue  
San Francisco, California 94102  
Telephone: Area code 415—556-6657



UNITED STATES  
GOVERNMENT PRINTING OFFICE

DIVISION OF PUBLIC DOCUMENTS  
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS



POSTAGE AND FEES PAID  
U.S. GOVERNMENT PRINTING OFFICE