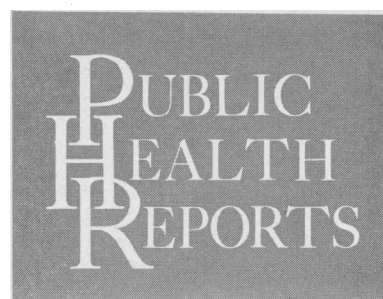


**Mausoleum of Avicenna at Hamadan, Iran**

# CONTENTS *continued*

	<i>Page</i>
Toward improved health for the aging—Federal-State Conference on Aging . . . . .	1209
Rural health survey of men over forty . . . . . <i>John Pemberton and Kenneth I. E. Macleod.</i>	1213
Blindness among the aged . . . . . <i>Nedra B. Belloc.</i>	1221
Occurrence of influenza, July 1955 to June 1956 . . . . . <i>Dorland J. Davis.</i>	1226
Clinical and roentgenographic examinations for dental caries in Grand Rapids, Mich. . . . .	1228
<i>Richard L. Hayes, H. Berton McCauley, and Francis A. Arnold, Jr.</i>	
United States-Mexico Border Public Health Association— Conference report . . . . .	1237
Evaluating bacterial contamination in sea water samples . . <i>Gerald T. Orlob.</i>	1246
Short reports and announcements:	
Federal Water Pollution Control Act of 1956 . . . . .	1163
Directs program on aging . . . . .	1172
Making health visible . . . . .	1178
Film: Still going places . . . . .	1202
Reading list on aging . . . . .	1208
Center for aging research . . . . .	1220
Glaucoma after forty . . . . .	1225
Back numbers of PHR . . . . .	1236
PHS staff appointments . . . . .	1245
Technical publications . . . . .	1252



## BOARD OF EDITORS

EDWARD G. MCGAVRAN, M.D., M.P.H.  
*Chairman*

MARGARET G. ARNSTEIN, R.N., M.P.H.  
MANDEL E. COHEN, M.D.  
CARL C. DAUER, M.D.  
H. TRENDLEY DEAN, D.D.S.  
HAROLD M. ERICKSON, M.D., M.P.H.  
LLOYD FLORIO, M.D., DR.P.H.  
VICTOR H. HAAS, M.D.  
VERNON G. MACKENZIE  
SEWARD E. MILLER, M.D.  
LEO W. SIMMONS, PH.D.  
MARY SWITZER  
FRANKLIN H. TOP, M.D., M.P.H.

## *Managing Director*

G. ST. J. PERROTT

*Chief, Division of Public Health Methods*

*Executive Editor:* Marcus Rosenblum

*Managing Editor:* Taft S. Feiman

*Asst. Managing Editor:* Winona Carson

*Public Health Reports*, published since 1878 under authority of an act of Congress of April 29 of that year, is issued monthly by the Public Health Service pursuant to the following authority of law: United States Code, title 42, sections 241, 245, 247; title 44, section 220. Use of funds for printing this publication approved by the Director of the Bureau of the Budget, September 17, 1954.

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

MARION B. FOLSOM, *Secretary*

PUBLIC HEALTH SERVICE

LEROY E. BURNET, *Surgeon General*

# PUBLIC HEALTH REPORTS

Volume 71

*and*

PUBLIC HEALTH MONOGRAPHS

1956  
index



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
Public Health Service

index

# PUBLIC HEALTH REPORTS

Volume 71, Numbers 1-12  
January-December 1956

*including*

## PUBLIC HEALTH MONOGRAPHS

1956 Titles, Numbers 36-45



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

MARION B. FOLSOM, *Secretary*

PUBLIC HEALTH SERVICE

LEROY E. BURNEY, *Surgeon General*

**T**HIS INDEX to *Public Health Reports* is divided into two parts: a subject and an author index.

In addition to the subject headings, categorical headings include: ANNOUNCEMENTS, CONFERENCE REPORTS, DEATHS, FILMS, FRONTISPIECES, GRANTS AND FELLOWSHIPS, LEGAL NOTES, PUBLIC HEALTH MONOGRAPHS, PUBLICATIONS, REVIEWS, TRAINING COURSES AND PROGRAMS.

Titles of articles appear as entries under the appropriate subject heading, followed by the author's name in brackets. One asterisk before the page number indicates an original article; two asterisks indicate a Public Health Monograph, published concurrently with *Public Health Reports*.

Illustrative material on the inside of the front cover of each issue is indexed by month under the heading "FRONTISPIECES." It is recommended, therefore, that the covers be included in a bound volume.

A compiled annual list of Public Health Service publications may be obtained from the Public Inquiries Branch.

#### Key to Dates and Pages

No.	Month of Issue	Pages
1	January . . . . .	1-102
2	February . . . . .	103-208
3	March . . . . .	209-330
4	April . . . . .	331-424
5	May . . . . .	425-518
6	June . . . . .	519-632
7	July . . . . .	633-726
8	August . . . . .	727-832
9	September . . . . .	833-954
10	October . . . . .	955-1064
11	November . . . . .	1065-1158
12	December . . . . .	1159-1252

# Subject Index

## ACCIDENTS

- Epidemiological approach to traffic accidents [Beadenkopf, Polan, Boek, Korns, and James]..... \*15
- Hazards in home hobbies..... 266
- Home safety inventory sponsored by National Safety Council..... 1036
- Microbiological safety [Reitman and Wedum]..... \*659
- Poison mishaps, farm data..... 266
- poisoning, protection against..... \*450
- poisoning, schools can aid in fight against.. 279
- Public Health Service announces new program for accident prevention..... 1032
- sanitation practice and prevention..... \*468
- traffic, method for determining rates for groups within general population..... \*15

## ADVISORY COUNCIL ANNOUNCEMENTS *see* ANNOUNCEMENTS, ORGANIZATIONS

## AEROSOLS

- determination of potential laboratory sources of infection and corrective measures..... \*659

## AGED AND AGING

- See also* CONFERENCE REPORTS, Aging
- Age changes and employability [Koyl]..... \*1195
- Blindness among the aged [Belloc]..... \*1221
- Center for aging research..... 1220
- Changes in nervous system with age [Wilcox] \*1179
- Cost of care..... 1211
- Costs of care of aged and infirm residents in Florida nursing and boarding homes [Britt and Jacks]..... \*735
- dietary study, need for research..... 320
- exhibits on, Cleveland Health Museum catalog, "How To Make Health Visible" 1178
- Federal-State-local responsibilities..... 1209
- Financing health services [Reed]..... 1204
- Geriatric clinic [Naylor]..... 1203
- Glaucoma after forty..... 1225
- Health assessment of the aged [Morris].... 1206
- health professions' responsibility for..... 1167
- Housing and long-term care [Daley]..... 1203
- Implications for nursing [Kaufman]..... 1205
- labor force of, sampling plan for small household survey..... \*827
- Mental illness among the aging [Miller].... 1207
- Neglected health problems..... 1210
- Nutrition and health [Youland]..... 1207
- Physiological limitations and age [Falzone and Shock]..... \*1185

## AGED AND AGING—Continued

- professional training needed in caring for... 1205
- Programs for the aged [Burney]..... \*1168
- Psychological limitations that occur with age [Birren]..... \*1173
- Reading list on..... 1208
- Recommendations of the Federal-State Conference on Aging..... 1211
- Rehabilitation services..... 1210
- Restorative services for older people, reprint from Federal-State Conference on Aging leaflet..... 1194
- retirement criteria for..... 1204
- Rural health survey of men over forty [Pemberton and Macleod]..... \*1213
- Toward improved health for the aging—Federal-State Conference on Aging..... 1209
- Trends in gerontology [Kountz]..... \*1170
- Workshops and seminars, University of Michigan Conference on Aging..... 1203

## AIRCRAFT

- Sanitation of domestic airlines [Megonnell and Chapman]..... \*360

## AIR POLLUTION

- Community, a developing health problem [Andrews]..... 37
- contracts for research awarded..... 718
- devices for sampling air, review..... 300
- effect on cardiac and respiratory patients at home, Cincinnati pilot study..... \*87
- grants-in-aid for graduate training in, control..... 1001
- grants-in-aid programs for demonstration projects..... 1141
- Legislation on [Mallette]..... \*1069
- Measuring reactions to [Phair and Thompson]..... \*87
- Some basic principles and problems of air sampling in industry [Yaffe]..... \*923
- threshold limits in U. S., adopted by American Conference of Governmental Industrial Hygienists..... 201

## ALCOHOLISM

- nurses for alcoholics..... \*727

## ANIMALS

- See also* LABORATORY ANIMALS
- infection sources for man..... \*802

## ANNOUNCEMENTS, ORGANIZATIONS

- Armed Forces Medical Library, transferred to the Public Health Service as National Library of Medicine..... 1164
- Center for Aging Research, created in NIH 1220

\*Original article.

## ANNOUNCEMENTS, ORGANIZATIONS—

Continued

Food and Drug Administration Division of Antibiotics, symposium on antibiotics---	570
National Advisory Allergy and Infectious Diseases Council (Abbink, John; Brown, Mrs. Rollin; Crockett, David C.; Dack, Gail M.; Dubos, Rene J.; Fred, Edwin B.; Halvorson, H. O.; Larabee, Byron H.; Smith, Charles E.)-----	435
National Advisory Committee on Indian Health (Atwood, Robert B.; Barr, Robert Neff; Ducheneaux, Frank; Foard, Fred T.; Johnson, N. B.; Leighton, Alexander H.; Perkins, James; Peterson, Raymond F.; Wauneka, Anna)-----	826
National Advisory Council on Health Research Facilities (Aagaard, George N.; Beesley, Eugene N.; Hunter, Thomas H.; Jacobsen, Carlyle; Kitchin, Paul C.; Lowry, Oliver H.; Mintener, James Bradshaw; Moore, Robert A.; Sowell, F. C.; Sterling, John E. W.; Turner, Thomas B.; Wilson, James W.)-----	1044
National Advisory Council on Rehabilitation (Brothers, Russell W.; Haddan, Chester W.; Tracy, Mrs. Spencer)-----	832
National Institute of Allergy and Infectious Diseases, new name of National Microbiological Institute-----	435
ANNOUNCEMENTS, PERSONNEL	
Anderson, Robert J., named chief, CDC---	1031
Bauer, Theodore J., named deputy chief, Bureau of State Services-----	931, 1031
Baxter, Edmund, appointed director, DHEW, Region III-----	755
Blankenship, Charles F., named medical director, Regional Office, San Francisco--	1031
Boyd, Richard F., named medical director, DHEW, Regional Office, New York City--	1031
Burney, Leroy E., made Surgeon General, 8th-----	886
Chapman, A. L., named chief, Division of Special Health Services, BSS-----	1031
Coggeshall, Lowell T., named special assistant for medical affairs-----	114
Cole, Jonathan O., named psychiatrist in charge of Psychopharmacology Service Center, NIMH-----	1092
Cronin, John W., named chief of Bureau of Medical Services-----	1245
Dauer, Carl C., named executive secretary, WHO Influenza Center for the Americas--	1226
Fitch, William C., named director of special staff on aging, DHEW-----	1172
Fuchs, Abraham W., retirement as chief, Milk and Food Program PHS-----	368
Haas, Victor, named director of National Institute of Allergy and Infectious Diseases, formerly National Microbiological Institute-----	435

## ANNOUNCEMENTS, PERSONNEL—Con.

Hoge, Vane M., named administrator of Hill-Burton Program-----	1245
Hoyle, Lewis H., named medical director, Regional Office, Kansas City-----	1031
Hunt, G. Halsey, named director, Center for Aging Research-----	1221
Masur, Jack, named director, Clinical Center, PHS-----	1245
Miller, Seward E., given leave of absence for teaching and research, University of Michigan-----	1031
Mintener, Bradshaw, resigns, Assistant Secretary of HEW-----	1074
Patrick, Donald W., named medical officer, PHS Hospital, San Francisco-----	1245
Porterfield, John D., named assistant to the Surgeon General and coordinator of activities in aging field-----	1085, 1220
Scheele, L. A., resigns as Surgeon General--	779
Tibbetts, Clark, continues as Chairman of DHEW's Committee on Aging-----	1172
Warner, Estella Ford, retirement [Scheele]--	*375

## ANTIBIOTICS

<i>See also</i> CHEMOTHERAPY; Name of antibiotic	
Certification of [Welch]-----	*594
list of clinically useful, by year developed--	595
list of preparations exempt from certification-----	599
residual in milk detected more precisely---	306
symposium, 4th annual, announced-----	570
symposium, 3d, abstracts of papers-----	369
therapy for human brucellosis-----	295

## ANTISEPSIS AND ASEPSIS

diamine against <i>Mycobacterium tuberculosis</i> --	*1097
disinfection of floors, walls, ceilings, Navy study-----	*1057
Ultraviolet sterilization in microbiological laboratories [Wedum, Hanel, and Phillips]-----	*331

## APPOINTMENTS *see* ANNOUNCEMENTS

## ATOMIC ENERGY

electric power from, increase poses problem of protective practices-----	611
peacetime uses, public health problems----	43
Public health aspects of, in peacetime [Bergsma]-----	43

## BARBITURATES

report on, New York Academy of Medicine--	*1144
---	-------

## BEHAVIORAL SCIENCES *see* SOCIAL SCIENCES

## BIBLIOGRAPHY

aging-----	1208
performance budgeting-----	873

## BLINDNESS

among the aged-----	*1221
Nationwide fight against [Foote]-----	*1137

BLOOD			
testing, piggyback, idea.....	622		
pressure, oscilloscope, modified, for monitoring.....	408		
BOARDING HOMES <i>see</i> NURSING HOMES			
BOTULISM			
1955 summary of outbreaks.....	*800		
BRUCELLOSIS			
control, Missouri.....	806		
control gains with vaccine.....	1240		
human, yields to antibiotic therapy.....	295		
1954 summary of outbreaks, in man.....	*802		
Trends in brucellosis control [Meyer].....	*511		
BURNS			
salt and soda solution for shock.....	952		
CANCER			
diagnosis, early, accented.....	283		
Environmental causes of lung [Hueper].....	*94		
Epidemiological tests of theories on lung cancer etiology [Haenszel].....	*163		
Hoxsey treatment for internal, FDA warning against.....	486		
incidence in Iowa.....	*495		
nursing care appraisal.....	*399		
Pulmonary nodules found in Cleveland survey [Holin, Dwork, Glaser, Rikli, and Stocklen].....	907		
Research factors in the control of [Kaiser]..	41		
research in chemotherapy of.....	580		
thyroid, links radiation of thymus in infancy to.....	304		
uterine, detection studies, eight cities selected for additional studies.....	359		
virus-induced, tied to virus theory.....	287		
CARDIOVASCULAR DISEASES			
American Heart Association education programs.....	*115		
and public health [Ferree].....	*115		
community programs, review of.....	*425		
effect of air pollution on cardiac and respiratory patients at home, Cincinnati pilot study.....	*90		
CELLS			
effect of malnutrition on cell activity.....	319		
HeLa, growth of cultivable mycobacteria in.....	994		
CHANCROID			
treatment and prophylaxis with penicillin G, in vitro effects.....	*1112		
CHEMICAL INDUSTRY			
contaminants from, affecting water supply, methods for isolating, identifying, tracing.....	*1125		
CHEMICAL WARFARE			
Nerve gas in public water [Epstein].....	*955		
nerve gases, effect, therapy and defensive measures.....	184		
CHEMOTHERAPY			
<i>See also</i> ANTIBIOTICS			
Effect of, on long-term prognosis [Lincoln, Davies, and Lythcott].....	913		
CHEMOTHERAPY—Continued			
leprosy, murine.....	998		
research in cancer.....	580		
CHILD			
<i>See also</i> FAMILY; INFANT			
chronic disease in childhood, prevention and control.....	261		
growth norms selection important.....	276		
handicapped, community services for.....	1243		
handicapped, Georgia canvass finds.....	260		
preschool, hearing test.....	275		
preschool, service statistics as tools in health supervision.....	705		
Queens rehabilitation program for handicapped children [Mayo and Webb].....	*879		
CHILD WELFARE			
child guidance clinic policy and practices...	951		
community services for handicapped children.....	1243		
Current trends in child health [Eliot].....	33		
rehabilitation, adult principles apply.....	262		
school, healthful environment right of.....	275		
school age, health services for.....	917		
Technical development of a country key to child health plans.....	264		
Use of a series of TV programs to educate parents in child care [Wagner and Patno]..	*780		
CHLORTETRACYCLINE			
Food and Drug Administration ruling on, as a food preservative.....	66		
CHRONIC DISEASE			
<i>See also</i> Name of disease			
California's, activities [Breslow, Ott, and Chin].....	*453		
Call for action [Levin].....	694		
childhood, control progress reviewed.....	261		
Commission on Chronic Illness [Mayo].....	678		
Fight chronic ills, APHA president urges...	223		
Five million people [Mayo].....	678		
Illness absenteeism [Hirschfeld].....	689		
long-term care in Richmond, Va.....	810		
long-term care requires new funds.....	242		
Meeting the costs [Brightman].....	693		
National health trends [Schottland].....	686		
Preventive action [Breslow].....	685		
Public health research in [Dunn].....	*67		
Public programs [Coggeshall].....	682		
services, State and local [Thompson].....	691		
Social significance of chronic illness [Smith]..	*896		
State grants for local projects in chronic illness control [Chapman and Bergsma]..	*337		
Suggestions and predictions [Rorem].....	692		
CIVIL DEFENSE			
Biological hazards [Bauer].....	186		
Biological-medical considerations in atomic defense [Williams and Ingraham II].....	*173		
Chemical weapons [Kramer].....	184		
health services in, symposium.....	173		
Hospital problems of mass evacuation [Erickson].....	*612		



<b>CIVIL DEFENSE—Continued</b>	
nurses' course, fourth Federal CD Administration Staff College .....	744
PHS responsibilities [Burney] .....	190
Radiological defense [Kinsman] .....	181
Sanitary engineering in [Hanson] .....	187
<b>CLINICS</b>	
child guidance, policy and practices .....	951
geriatric .....	1203
well-baby, Kentucky mental health study ..	273
<b>COAL TAR</b>	
Certification of, colors [Clark] .....	*581
<b>COMMUNICABLE DISEASES</b>	
<i>See also</i> EPIDEMIOLOGY; Name of disease; VIRUS DISEASES	
course for nurses in epidemiological principles and techniques .....	86
1955 summary of outbreaks .....	*797
<b>COMMUNITY</b>	
evaluation of, X-ray programs .....	*377
organization, extending health insurance through .....	*477
organization for health services .....	623
programs, cardiovascular disease .....	*425
public health-community wealth, APHA Southern Branch Conference report .....	804
Queens (Jamaica, N. Y.) rehabilitation program for handicapped children .....	*879
services for handicapped children .....	1243
techniques in educational campaign for, health programs .....	1243
<b>CONFERENCE REPORTS</b>	
Aging, Federal-State, 1st .....	1167, 1209
Aging, University of Michigan .....	75, 1167, 1203
American Public Health Association, 83d ..	221
American Public Health Association Southern Branch .....	804
American Trudeau Society <i>see</i> National Tuberculosis Association and others, this entry	
Asociación Fronteriza Mexicana-Estadounidense de Salubridad .....	1237
Eastern States Health Education, 16th .....	1011
Evaluation in Public Health, 1st National ..	525
Histoplasmosis .....	*825
Leprosy Research, Subcommittee, PHS Interbureau Advisory Committee on Leprosy .....	993
Mental Hospital Statisticians, 6th annual, Topeka, Kans., 1956 .....	1033
National Advisory Committee on Local Health Departments .....	623
National Conference of Tuberculosis Workers ..	887
National Health Forum, on chronic illness ..	675
National Tuberculosis Association and others, joint annual .....	887
State and Territorial Health Authorities, 54th .....	25
United States-Mexico Border Public Health Association, 14th .....	1237

<b>CONVULSIONS</b>	
Association of vitamin B <sub>6</sub> deficiency with, in infants [Nelson] .....	*445
<b>CORONARY DISEASE</b>	
<i>See also</i> HEART DISEASE	
death patterns, geographic, from .....	*849
<b>CORYNEBACTERIUM DIPHTHERIAE</b>	
new test may help small labs .....	236
<b>DDT</b>	
<i>See also</i> INSECTICIDES	
toxicity, experimental approach .....	953
<b>DEATH RATE <i>see</i> VITAL STATISTICS</b>	
<b>DEATHS</b>	
LePrince, Joseph A. A. ....	756
<b>DELINQUENCY</b>	
Group therapy behind locked doors [Rubinfeld, Shellow, and Ward] .....	*1075
increase reported by Children's Bureau .....	724
<b>DENTAL CARIES</b>	
Clinical and roentgenographic examinations for dental caries in Grand Rapids, Mich. [Hayes, McCauley, and Arnold] .....	*1228
effect of fluoridated public water supplies, Grand Rapids-Muskegon .....	*652
relationship to fluorides, suburban Washington, D. C. ....	*626
survey, Maryland .....	281
<b>DENTAL SERVICES</b>	
extension of, with auxiliary personnel .....	280
goals .....	280
school, questioned by ADA .....	279
<b>DENTISTRY</b>	
Armed Services medical and dental symposium, Chelsea, Mass. ....	200
dental manpower resources .....	1123
<b>DIABETES, GALACTOSE <i>see</i> GALACTOSEMIA</b>	
<b>DIABETES MELLITUS</b>	
control, courses for dietitians and nurses, Boston .....	150
<b>DIAMINE</b>	
Tuberculosis disinfection with .....	*1097
<b>DIARRHEA</b>	
Curb diarrheal deaths in Texas infants .....	1242
epidemiological study in Washington, D. C., 1954-55 .....	*938
Investigation of, in a migrant labor camp ..	1242
1955 summary of outbreaks .....	*803
<b>DIETS <i>see</i> NUTRITION</b>	
<b>DIPHTHERIA</b>	
Continued high incidence of, in a well-immunized community [Murphy, Maley, and Dick] .....	*481
decline slower in the south .....	805
1955 summary of outbreaks .....	*803
reported cases in 1955 .....	805
test, new, for <i>C. diphtheriae</i> may help small laboratories .....	236

DISASTERS <i>see</i> CIVIL DEFENSE; FLOODS DISEASE			EDUCATION, HEALTH—Continued	
<i>See also</i> CHRONIC DISEASE; COM- MUNICABLE DISEASES; Name of dis- ease			extramural teaching of physicians.....	1022
insect vectors, destroy, World Health Day theme.....	216		food habits of teen-agers changed by.....	318
of aged, chiefly neglect.....	1210		Pennsylvania's workshops show positive results.....	323
1955 summary of foodborne, milkborne, and waterborne outbreaks.....	*797		Resistance to change requires attention....	258
DISINFECTION <i>see</i> ANTISEPSIS AND ASEPSIS			standards set by Oregon workshop.....	322
DOCUMENTATION			workshop, preplanning techniques.....	323
American Documentation Institute auxiliary publication program file, Library of Congress.....	803, 848, 867, 1202		EDUCATION, PROFESSIONAL	
DOGS			<i>See also</i> PHYSICIANS; NURSES	
population estimates, by sampling pro- cedure, in rabies control.....	296		career preparation.....	257
DRUGS			gerontology.....	1205
and medical devices [Holland].....	*587		nurses trained to lead parent groups, New York.....	314
Assuring the safety of new [Smith].....	*590		oral communication courses at Tulane.....	259
control by FDA.....	*587		public health teaching from health depart- ment's view.....	258
Fifty years of food and drug protection [Larrick].....	*557		sponsored training for nurses.....	*441
Food and drug projects of interest to State health officers [Curtis].....	49		training physicians in public health.....	*1037
leprosy, evaluation.....	999		ELECTROCARDIOGRAPHY	
New Drug Branch, FDA, control.....	*590		oscilloscope, modified, for monitoring a patient's electrocardiogram.....	408
Problems in the use of tranquilizing.....	*830		ENCEPHALITIS	
sales reflect advances in biochemistry .....	603		Mosquitoes and encephalitis in the irrigated high plains of Texas [Harmston, Schultz, Eads, and Menzies].....	*759
Significant dates in food and drug law history.....	558		1955 summary of outbreaks.....	*802
tranquilizing, center for research set up in NIMH.....	1092		Stylomycin in human sleeping sickness: 17-month followup [Trincao, Franco, Nogueira, Pinto, and Muhlpfordt].....	370
tranquilizing, problems in use of.....	*830		ENDOCARDITIS	
tranquilizing, reporting system.....	1033		penicillin V in treatment of subacute bacterial.....	372
DYES			ENTEROCOCCUS	
coal-tar colors, certification, for foods.....	*581		best indicators in frozen fish tests.....	305
FD&C yellow No. 6, certification of.....	584		test, useful addition to coliform test.....	299
Food and Drug Administration withdraws approval from three food dyes.....	193		ENZYMES	
ECONOMICS, MEDICAL			P-Gal transferase, newly discovered, neces- sary to complete conversion of galactose into glucose.....	470
<i>See also</i> GROUP PRACTICE; HEALTH INSURANCE			EPIDEMICS	
Care of long-term illness will require new funds.....	242		Epidemic climate [Price].....	*125
Federal-State aid for needy reviewed.....	244		hepatitis, infectious, in a mental hospital...	*345
hospital data, practicable, goal of new audit plan.....	244		1955 summary of disease outbreaks [Dauer and Sylvester] .....	*797
hospitals, voluntary, must look to.....	240		poliomyelitis in Mexican children under 3 years old.....	1244
EDUCATION			poliomyelitis in Puerto Rico, 1954-55.....	*1041
parenthood, centered around family.....	1025		poliomyelitis, in Rio de Janeiro.....	*395
parents, in child care, by TV.....	*780		seasonal and other influences on.....	*125
practical nurse, in home care.....	*530		shigellosis in a trailer village.....	1242
sanitary engineering degrees, 1955.....	*945		yellow fever in jungles of Central America..	1245
EDUCATION, HEALTH			EPIDEMIOLOGY	
Cooperation features Arkansas planning....	324		checking clinical impressions by nonmedical interviewers' surveys of morbidity.....	282
curriculum, pre-administration, in a school of public health.....	*391		course for nurses in.....	86
			fetal wastage program in Halifax County, N. C.....	*1065
			gonorrhea, speed zone.....	*1142
			health survey, Cherokee Indians [Cameron]..	*1086

## EPIDEMIOLOGY—Continued

- Infectious hepatitis, diarrhea, and typhoid fever. Epidemiological study in Washington, D. C., 1954-55 [Levin and West]. \*938  
 insured groups valuable medium in, research 282  
 leprosy, Louisiana 999  
 men, rural, over forty, survey \*1213  
 oral health in children, Washington, D. C., study \*626

## EPILEPSY

- patient census in public institutions 416

## ERYTHROMYCIN

- venereal disease therapy, evaluated 369

## ESCHERICHIA COLI

- Chelation as a method for maintaining the coliform index in water samples [Shipe and Fields] \*974  
 geometric mean count for, Baltimore study 308  
 in frozen orange juice, not all from processing 305  
 Membrane filter test, new, solves problem of, in fluid samples 308  
 mortality, in water samples \*1246

## FAMILY

*See also* CHILD; PARENTS

- Approach to the study of family mental health [Caplan] 1027  
 Changing family profile [Lew] 1013  
 Culture and health practice [Opler] 1027  
 decay, research urged 272  
 Education for parenthood [Corbin] 1024  
 Evolution of the character of family life education [Fulton] 1012  
 Focal point in health education 1011  
 health maintenance [Silver] 1019  
 Physician and the [Clark] 1022  
 Psychological dynamics of the familial organism [Ackerman] 1017  
 Public health begins in the family [Dunn and Gilbert] \*1002  
 Social work for the family [Bellsmith] 1030

## FELLOWSHIPS *see* GRANTS AND FELLOWSHIPS

## FETUS

- Scientific approach to fetal wastage in Halifax County, North Carolina [Young] \*1065

## FILM

- Still going places—Active management of disability in the aged 1202

## FILMS, PHS

- Disaster aid—public health aspects 449  
 Flocculation test for trichinosis 1080  
 Infectious hazards of bacteriological techniques series: Part VI. The centrifuge 658  
 Plant health program 449  
 Poultry hygiene series: Plant layout and construction; Operating procedures 1080  
 Public health aspects of migrant workers 658

## FILMS, PHS—Continued

- Service with distinction. A story of the Public Health Service 697  
 virus studies, embryonated egg techniques for 449

## FILTERS

- membrane, technique for testing water supplies in the field \*1093  
 membrane, new, solves problem of fluid samples 308

## FISH

- barracuda, poisoning from eating \*933  
 enterococci best indicators in frozen fish tests 305  
 radiation effect on, Columbia River \*6  
 Smoked, as a vehicle of salmonellosis [Olitzky, Perri, Shiffman, Werrin] \*773

## FLIES

- Fly production in treated and untreated privies [Kilpatrick and Schoof] \*787  
 houseflies, control with insecticide treated cords \*144  
 species collected in privy studies \*796  
 Use of insecticide treated cords for housefly control [Kilpatrick and Schoof] \*144

## FLOODS

- Health activities to combat flood damage, Bucks County, Pa., experience [Palmer] \*821  
 Sanitary engineer in hurricane floods [Tetzlaff, Lauster, and Mark] \*814

## FLUORIDATION

- Effect of fluoridated public water supplies on dental caries prevalence. 10th year of the Grand Rapids-Muskegon study [Arnold, Dean, Jay, and Knutson] \*652  
 of public water supply, held reasonable law for protection of public health, Oregon 503  
 of water, Grand Rapids, Mich., effect on dental caries \*1228  
 Oral health study in children of suburban Washington, D. C. [Russell] \*626  
 Present status of controlled, in the United States \*963  
 water supplies, Army posts 878

## FLUORIDES

- Acute and subacute toxicity studies of sodium fluoride in animals [Leone, Geever, and Moran] \*459  
 test for determining, in phosphate-bearing water 240  
 Urinary excretion of, following defluoridation of a water supply [Likins, McClure, and Steere] \*217  
 Urinary fluoride levels associated with use of fluoridated waters [Zipkin, Likins, McClure, and Steere] \*767

## FOOD

- See also* MILK  
 adulterated, defined in law \*560  
 advertising, policing of, adequate [Cardinal] 321

## FOOD--Continued

approval withdrawn for three, dyes, by FDA.....	193
coal-tar colors certification for foods.....	*581
coliforms in frozen citrus fruits.....	305
Control of pesticides on [Rankin].....	*577
Development of a poultry ordinance [At- kinson].....	*471
Fifty years of food and drug protection [Larrick].....	*557
Food and Drug Administration activities of interest to State health officers.....	49
New problems of food safety [Vorhes and Lehman].....	*571
preparation, processor v. housewife.....	317
preservative, ruling by FDA on chlortetra- cycline as.....	66
processing and distribution practices super- vision.....	*773
sanitation [Slocum].....	*560
sanitation problems.....	*571
Significant dates in food and drug law history.....	558
survey of knowledge v. practice in planning meals, Rochester and Syracuse, N. Y....	*487

## FOOD POISONING

<i>See also</i> SALMONELLA INFECTIONS	
caused by the great barracuda [Paetro]....	*933
chemicals and other obnoxious agents, out- breaks, 1955 summary.....	*801
outbreaks, staphylococcal, 1955 summary..	*800

## FRONTISPIECES

January—Rockefeller Foundation's virus research program, collecting mosquitoes in Trinidad rain forest	
February—Laboratory technician determines blood-clotting time for use of anticoagulant drugs	
March—Entomological Research Center, Florida State Board of Health	
April—Health assistance for Iraq	
May—Prevention of home accidents	
June—Fifty years of food and drug protection	
July—Overseas missions, part of the "Service with Distinction"	
August—Pioneer in the fight against malaria and yellow fever—Joseph A. A. LePrince	
September—Harry's story in the Queens rehabili- tation program	
October—Mayo Memorial at the University of Minnesota	
November—Sigmund Freud	
December—Mausoleum of Avicenna at Hamadan, Iran	

## GALACTOSEMIA

cause of, found.....	470
----------------------	-----

## GAMMA GLOBULIN

passive immunization with, and active im- munization with poliomyelitis vaccine, responses in children.....	*604
---	------

## GARBAGE

disposal in U. S., statistical summary.....	*204
Refuse handling practices in the United States [Hope, Johnson, and Weaver]....	*204

## GASTROENTERITIS

1955 summary of outbreaks.....	*801
Outbreak of <i>Shigella</i> [Keller and Robbins]..	*856

## GERIATRICS

<i>See also</i> AGED AND AGING	
development of the science.....	*1170
New careers in gerontology [Tibbitts].....	1205

## GLAUCOMA

after forty.....	*1225
------------------	-------

## GONORRHEA

<i>See also</i> VENEREAL DISEASES	
Penicillin prevents <i>Neisseria gonorrhoeae</i> ...	1244
Speed zone epidemiology: A preliminary report on benzathine penicillin G for, in women [Hookings and Graves].....	*1142
Unknowns and enigmas in [Schamberg]....	*537

## GRANTS AND FELLOWSHIPS

air pollution control training.....	1001
air pollution demonstration projects, ap- plications for.....	1141
application deadlines waived for studies of limited scope, NIH.....	510
hospital research, nine.....	841
National Research Council, being accepted..	973
physicians, in California program.....	1037
research in hospital facilities field, PHS to Yale and others.....	440
schools and graduate health workers from Public Health Service.....	1096
State and local projects in chronic disease control.....	*337
traineeships for public health personnel, eligibility.....	862

## GROUP PRACTICE

HIP evaluates its services, grades quality of care.....	241
--	-----

## HANDICAPPED

children need coordinated services.....	1243
children, program for, in Queens (Jamaica, N. Y.).....	*879
Disability in Butler County, Pa. [Graham]..	*1115
Georgia canvass finds, children.....	260
principles of adult rehabilitation applied to children.....	262
record number, rehabilitated by State- Federal program.....	1103

## HEALTH DEPARTMENTS

Annual fleet purchase pays in Maryland....	254
Build with voluntary groups.....	623
Changing the priorities in public health [James].....	*666
Community cooperation, Jackson (Ohio) County.....	624
cooperation between departments of health and welfare [Muller and Bierman].....	*833
Cooperation of agencies still a major goal..	254

## HEALTH DEPARTMENTS—Continued

Erie (Pa.) County.....	624
Evaluation Conference action on programs..	529
evaluation technique combined with record- ing.....	256
Executive must clarify management role..	252
management concept supported.....	250
Performance budgeting for the health de- partment [Klepak].....	*868
Rule of habeas mentem protects the public..	224
Woodford (Ky.) County.....	624

## HEALTH INSURANCE

<i>See also</i> ECONOMICS, MEDICAL; NA- TIONAL HEALTH PROGRAMS	
Blue Cross coverage of the aged.....	1211
cost for the aged.....	1211
evaluation of Greater New York, plan (HIP).....	241
Extending voluntary, through community organization [Hay and Mayo].....	*477
for the aged, financing.....	1204
medical care plans, independent, surveyed by Social Security Administration.....	820
samples union opinion of group care plan, St. Louis.....	249
Saskatchewan shares prepaid plan data....	247
Saskatchewan's experience with prepaid care.....	246

## HEALTH PROGRAMS, NATIONAL *see* NA- TIONAL HEALTH PROGRAMS

## HEALTH SERVICES

Changing the priorities in public health [James].....	*666
County nursing, Burlington (N. J.) County..	624
environmental, local health department budgets.....	*340
for children of school age, evaluation of....	*917
for migrants in Colorado.....	321
for the aged, financing.....	1204
improved through group learning.....	273
mental, Saline (Kans.) County.....	625
Need for evaluation of, program.....	527
Negro gains in status in medical and.....	228
Three basic steps.....	625

## HEALTH WORKER

Profile of, drawn from Yale project.....	256
--	-----

## HEARING

test, familiar sounds, best for preschool children.....	275
--	-----

## HEART DISEASE

<i>See also</i> CORONARY DISEASE	
at mid-century [White].....	*742
Geographic patterns in deaths from coro- nary heart disease [Enterline and Stewart]	*849
mortality, variation, race, sex, and socio- economic status.....	*545

## HEMOPHILUS DUCREYI

Effects of penicillin G in vitro on [Singer and Deacon].....	*1112
---	-------

## HEPATITIS, INFECTIOUS

epidemic in a mental hospital [Bettag, Plotke, Tuteur, and Herborn].....	*345
epidemiological study in Washington, D. C. 1954-55.....	*938
leptospirosis reported as, in N. C.....	297
1955 summary of outbreaks.....	*803

## HISTOPLASMOSIS

conference [Furcolow].....	*825
----------------------------	------

## HOME CARE

for the aged, tendency for.....	1210
Kansas nurses in adult home program.....	314
Montefiore demonstration project for prac- tical nurse training in the home.....	*530

## HOOKWORM INFECTION *see* WORMS

## HOSPITALS

### *See also* CLINICS; PATIENTS; NURS- ING HOMES

Analysis of a hospital consultation program [Wallace, Losty, Siffert, Tobis, and Lending].....	*967
audit of services.....	244
beds in rural and urban areas.....	*985
Current status of hospital survey and con- struction programs [Cronin].....	47
general, accepting mental patients.....	*863
General hospital and nursing home beds in urban and rural areas [Solon and Baney]..	*985
grants for research.....	841
Hospital and medical facilities survey and construction program [Cronin].....	*932
Medical Facilities Survey and Construction Act of 1954.....	47
Montefiore demonstration project in home care.....	*530
nonprofit, providing technological services to patients, held in violation of medical practice acts in Iowa.....	380
role in civil defense, evacuation.....	*612
treatment, TB patient's reaction to.....	915
tuberculosis patients, nonhospitalized.....	*888
voluntary, must improve economically or be replaced.....	240

## HOSPITALS, PSYCHIATRIC

infectious hepatitis epidemic in.....	*345
model reporting area for mental hospital statisticians.....	1033

## HOUSING

hygienic aspects, in Mexico.....	1241
mass, sewage disposal in.....	*553
National group (ACTION) to attack neighborhood decay.....	299
of aged.....	1203

## HYDROPHOBIA *see* RABIES

## IMMUNIZATION

diphtheria incidence, high, and.....	*481
poliomyelitis, Louisiana study.....	290
programs miss many infants.....	263

INDIANS, AMERICAN			
Cherokee health survey.....	*1086		
tuberculosis in, project to combat.....	394		
INDUSTRIAL HYGIENE			
air sampling technology.....	*923		
Encyclopedia of, instruments.....	930		
Industrialist looks at public health.....	226		
principles and problems in air sampling.....	*923		
threshold limit values for gases, dusts, etc..	201		
Urges stronger emphasis on.....	225		
INFANT			
convulsions associated with vitamin B <sub>6</sub>			
deficiency in [Nelson].....	*445		
immunization programs miss many.....	263		
institutes in the care of premature.....	829		
methemoglobinemia cases in, from ingesting			
water high in nitrates.....	*497		
mortality from diarrhea, in Texas.....	1242		
mortality studied in Halifax County, N. C.	*1065		
service statistics as tools in health supervi-			
sion.....	705		
INFANT NUTRITION			
Unfinished business in maternal and child			
nutrition [Heseltine].....	*139		
vitamin B <sub>6</sub> deficiency and convulsions in			
infants.....	*445		
INFANTILE PARALYSIS <i>see</i> POLIOMYE-			
LITIS			
INFLUENZA			
Occurrence of, July 1955 to June 1956			
[Davis].....	1226		
Reporting system to WHO Influenza In-			
formation Center.....	1226		
INSANITY			
committal, temporary, mentally ill, by			
medical certification, constitutional.....	344		
INSECTICIDES			
<i>See also</i> DDT; PESTICIDES			
Diazinon and parathion treated cords in			
the control of houseflies.....	*144		
effect on fly production in privies.....	*787		
resistance of <i>A. quadrimaculatus</i> in Bolivar			
County, Miss. [Mathis, Schoof, Quarter-			
man, and Fay].....	*876		
INSECTS			
Destroy disease carrying insects—World			
Health Day theme.....	216		
training in, control.....	758		
INSULIN			
Certification of [Grant].....	*600		
control, FDA.....	*600		
INSURANCE <i>see</i> HEALTH INSURANCE			
INTERNATIONAL HEALTH			
Asia, health education.....	233		
cooperation across border hampered by			
differences in social origin.....	1244		
development of world health.....	*159		
Iraq-United States cooperative health pro-			
grams [Usher].....	*417		
INTERNATIONAL HEALTH—Continued			
Israel, photographs.....	1104		
malaria control in Turkey.....	*409		
malaria eradication a world goal.....	229		
Mexico-U. S. border health conditions.....	1239		
Mutual aid along U. S.-Mexico border.....	1238		
sanitation improvement slow.....	232		
tuberculosis, NTA director considers world			
control of.....	231		
Turkey, malaria control.....	*409		
World Health Day April 7, 1956.....	216		
WHO-member countries relationship de-			
fined.....	232		
INTERNATIONAL MAIL POUCH			
Bolivia: Okinawan Colony on the Rio			
Palmetillas—physicians have hard going.....	1124		
Chile: latrines for pilgrims.....	1124		
Jordan: first movie.....	1124		
Orchid Island (Taiwan): population gain..	1124		
IRRIGATION			
encephalitis in the irrigated high plains of			
Texas.....	*759		
with sewage dangerous.....	1239		
JUVENILE DELINQUENCY <i>see</i> DELIN-			
QUENCY			
LABORATORIES			
biochemical methods, new, needed.....	236		
biological false-positives found by new			
TPCF test.....	238		
<i>C. diphtheriae</i> test, new, may help small labs..	236		
fluoride determination test, new, in phos-			
phate-bearing waters.....	240		
focus on community, urged.....	235		
microbiological hazards in.....	*659		
milk, raw, grading by SPC more rigorous			
and discriminating than DMC or LPC,			
Minnesota study shows.....	239		
smallpox vaccine output, new techniques			
step up.....	237		
STS and TPI tests, study shows reliability			
of.....	238		
trichinosis tests, three, rated in study.....	237		
LABORATORY ANIMALS			
<i>See also</i> ANIMALS; Name of animal			
fluoride toxicity studies in.....	*459		
inoculation of human leprosy into.....	995		
LARVA MIGRANS <i>see</i> WORMS			
LEGAL NOTES			
fluoridation of water supply held reasonable			
law for protection of health, Oregon.....	503		
hospitals, nonprofit, held in violation of			
medical practice acts "in purveying to			
patients . . . medical services" in Iowa..	380		
mentally ill, temporary commitment, by			
medical certification, constitutional.....	344		
water pollution abatement action, Illinois,			
no proof of actual harm required.....	944		

<b>LEGISLATION</b>		
air pollution.....	*1069	
Food and Drug Law history.....	558	
food sanitation.....	*560	
Health Research Facilities Act of 1956....	837	
Medical Facilities and Construction Amend- ments of 1954, program.....	*932	
poultry ordinance, model.....	*471	
water pollution, provisions of 1956 act....	1163	
<b>LEPROSY</b>		
<i>See also</i> CONFERENCE REPORT, Lep- rosy Research, Subcommittee		
Amyloidosis in leprosy: Observation in pa- thology [Swan].....	998	
Analysis of properties of mycobacteria by metabolic study [Gray].....	994	
Chemotherapy of murine leprosy [Chang]..	998	
Clinical evaluation studies of, drugs [Doull].	999	
Comprehensive program for inoculation of human leprosy into laboratory animals [Binford].....	995	
control in Louisiana [Meyer].....	999	
Epidemiology of leprosy in Louisiana [Bad- ger].....	999	
experimental, in animals.....	995	
Growth in HeLa cells of cultivable myco- bacteria [Shepard].....	994	
Hemoglobin types in [Wood].....	1000	
Histopathology and [Fite].....	998	
Inducing pathogenesis of <i>M. leprae</i> in ani- mals [Feldman].....	995	
Induction of reactivity to lepromin by BCG vaccine [Doull].....	997	
Limitations of sulfone therapy [Wolcott]..	1000	
Mycobacteria in intracellular environment [Hanks].....	994	
Orthopedic procedures in [Riordan].....	1000	
Possible approaches to a study of antibody responses in [Martin].....	996	
Possible uses of the properdin system in studying immunity and bacteriology [Mil- lar].....	996	
progress and potentials in.....	993	
Protein patterns in leprosy [Muelling]....	997	
Risk of contracting, in the household [Kluth]	999	
Separation of leprosy organisms from tissues [Henderson].....	996	
Seromycin trials in [Lundin].....	1000	
Studies in clinical biochemistry [Lundin]..	1001	
Studies in serology [Ross].....	996	
Treatment of ocular complications [Herbert]	1001	
<b>LEPTOSPIROSIS</b>		
State laboratory confirms, in N. C.....	297	
<b>LEUKEMIA</b>		
Epidemiology of leukemia—PHR review [Meadors].....	*103	
<b>LIBRARY, MEDICAL</b>		
Armed Forces Medical Library transferred to PHS as National Library of Medicine..	1164	
<b>LUNGS</b>		
neoplasms, etiology of.....	*94	
neoplasms, theories of, epidemiological tests, review of.....	*163	
<b>MALARIA</b>		
control in Turkey [Kratz and Bridges]....	*409	
Eight-year campaign to wipe out, in Mexico..	1244	
international health goal.....	229, 230	
<b>MALNUTRITION <i>see</i> NUTRITION</b>		
<b>MANPOWER</b>		
dental resources.....	1123	
health, angles explored by panel.....	228	
<b>MATERNAL WELFARE</b>		
Maternal and child nutrition.....	*139	
maternal health plans and development of a country.....	264	
<b>MEDICAL CARE <i>see</i> MEDICAL SERVICE</b>		
<b>MEDICAL CARE PLANS <i>see</i> HEALTH IN- SURANCE; NATIONAL HEALTH PRO- GRAMS</b>		
<b>MEDICAL CENTERS</b>		
Mayo Memorial, University of Minnesota, dedicated 1954.....	962	
<b>MEDICAL FACILITIES</b>		
survey and construction program.....	*932	
<b>MEDICAL SERVICE</b>		
<i>See also</i> HEALTH SERVICES		
costs.....	693	
long-term patients' needs.....	*896	
Metropolis O. K.'s care but not way given..	245	
physicians operate indigent medical care plan, Topeka, Kans.....	248	
<b>MEDICINE, economics <i>see</i> ECONOMICS, MEDICAL</b>		
<b>MEDICINE, MILITARY AND NAVAL</b>		
Armed Services medical and dental sympo- sium, Chelsea, Mass.....	200	
Describes public health in military govern- ment.....	326	
overseas task.....	325	
policies and problems overseas, CAMG....	326	
<b>MEDICINE, PREVENTIVE</b>		
application of, to later years of life.....	*1213	
Evaluation in Public Health, 1st National Conference on.....	525	
family concept as unit of practice.....	1027	
family health maintenance project (Monte- fiore Hospital).....	1019	
in military government overseas.....	326	
<b>MEDICINE, VETERINARY</b>		
<i>See also</i> ANIMALS; ZOONOSES		
overseas, challenge to military.....	325	
public health services in southern California..	1240	
<b>MENINGITIS</b>		
1955 summary of outbreaks.....	*802	
<b>MENTAL DEFICIENCY</b>		
Links, to maternal, fetal factors.....	270	
patient census in public institutions.....	416	

<b>MENTAL HEALTH</b>		
family concept in preventive psychiatry . . .	1027	
family stability as factor . . . . .	272	
general hospitals accepting patients with mental disorders . . . . .	*863	
Kentucky study in teaching and group learn- ing . . . . .	273	
of the aging . . . . .	1207	
patient data for fiscal 1955 . . . . .	214	
program criteria outlined . . . . .	809	
Progress in reporting mental hospital statis- tics . . . . .	1033	
Psychopharmacology Service Center set up for research on tranquilizing and other phrenotropic drugs . . . . .	1092	
section in APHA established . . . . .	223, 274	
Variations on the theme mental health in nursing [Simonson] . . . . .	700	
<b>METHEMOGLOBINEMIA</b>		
cases in very young infants from ingesting water high in nitrates . . . . .	*497	
<b>MICROBIOLOGY</b>		
hazards in laboratory techniques . . . . .	*659	
<b>MIGRANTS</b>		
Colorado migrants get health services . . . . .	321	
Cross-border projects coast to coast . . . . .	1241	
diarrhea among . . . . .	1242	
Farm placement prevents infection of . . . . .	1241	
health needs of agricultural workers, Mexico border . . . . .	1241	
public health aspects of migrant workers . . . . .	658	
Reception centers screen migrants . . . . .	1242	
serologic survey for syphilis, labor camps, upstate New York . . . . .	*1089	
<b>MILK</b>		
antibiotics residual in, modification of stand- ard methods for detecting . . . . .	306	
Minnesota study compares bacteria count studies . . . . .	239	
sanitation honor roll		
1954-55 . . . . .	327	
1954-56 . . . . .	947	
<b>MORBIDITY</b>		
See also VITAL STATISTICS		
surveys, nonmedical interviewers in . . . . .	282	
<b>MORTALITY</b>		
See also VITAL STATISTICS		
Causes of death among college students—A study of 209 deaths at Yale Univ. 1920-55 [Parrish] . . . . .	*1081	
heart disease, coronary, geographic patterns . . . . .	*849	
occupation classification as recorded on death certificate useful in, comparison . . . . .	*1105	
studies, constructive ideas . . . . .	311	
terminology, new, for causes of death . . . . .	309	
<b>MOSQUITOES</b>		
<i>Anopheles quadrimaculatus</i> resistance to insecticides . . . . .	*876	
<b>MOSQUITOES—Continued</b>		
Biology of northern [Frohne] . . . . .	*616	
breeding of house mosquitoes during winter, Georgia . . . . .	812	
encephalitis, relationship of, Texas . . . . .	*759	
yellow fever threat from jungle, in Central America . . . . .	1245	
<b>MOUNTIN, JOSEPH W.</b>		
selected papers of [McGavran] . . . . .	*1166	
<b>MYCOBACTERIUM TUBERCULOSIS see TUBERCULOSIS</b>		
<b>NATIONAL HEALTH PROGRAMS</b>		
aged, programs for . . . . .	*1168	
Federal-State medical care for needy . . . . .	244	
Man's emergence toward health. The C.-E. A. Winslow lecture, 1955 [Hyde] . . . . .	*151	
maternal and child health plans of a country related to technical development . . . . .	264	
Opportunities for nationwide cooperation [Folsom] . . . . .	25	
Wide spectrum of our health services [Scheele] . . . . .	26	
<b>NITRATES</b>		
survey of content, in Minnesota soil and water . . . . .	*497	
<b>NURSES see NURSING PROFESSION</b>		
<b>NURSING CARE</b>		
See also HOME CARE		
Appraising cancer nursing services. Study to establish criteria [Gordon, Handy, Titus, and Brown] . . . . .	*399	
mental patient . . . . .	700	
Practical nurse training in the home— Montefiore demonstration project [Cher- kasky, Torrance, Bandman, and Seifman] . . . . .	*530	
<b>NURSING HOMES</b>		
beds in general hospital and nursing homes, urban and rural areas . . . . .	*985	
costs of care, aged and infirm in . . . . .	*735	
patients in proprietary nursing homes . . . . .	*646	
<b>NURSING PROFESSION</b>		
aged and aging, implications for, helping . . . . .	1205	
Kansas nurses participate in adult home program . . . . .	314	
New York nurses train to lead parent groups . . . . .	314	
Nurse recommends democratic tactics for implementing community health pro- grams . . . . .	1243	
Nurses for alcoholics [Lolli] . . . . .	*727	
self-evaluation of nurse's role in adult home program . . . . .	313	
training of public health nurses, attitude studies may shape . . . . .	312	
tuberculosis mortality among former student nurses, last decade . . . . .	914	
What is happening to sponsored training for nurses [Pearce] . . . . .	*441	



## NUTRITION

### *See also* INFANT NUTRITION

advertising, food and nutrition, adequately controlled .....	321
better "convenience foods" predicted for future .....	317
chronic malnutrition in Mexico .....	319
education alters students' menu patterns .....	318
FDA nutrition program [Nelson] .....	*566
maternal and child nutrition .....	*139
Nutritional knowledge and practices [Young, Berresford, and Waldner] .....	*487
of the aged .....	1207
vitamin deficiency and convulsions .....	*445

## OCCUPATIONS

statement, on death certificate useful for mortality comparisons .....	*1105
--	-------

## ORNITHOSIS *see* PSITTACOSIS

## PARENTS

### *See also* FAMILY

education of, family-centered .....	1024
nurses as leaders of parent groups .....	314

## PASTEURELLA PESTIS

rodent susceptibility to .....	*979
--------------------------------	------

## PATIENTS

Backlog of facts on, and their care in proprietary nursing homes [Solon] .....	*646
census of mental defectives and epileptics in public institutions .....	416
opinions, Firland TB sanatorium .....	*351
reaction to hospital treatment, TB .....	915
Survey of general hospitals accepting mental [Kroll and Goldstein] .....	*863

## PENICILLIN

Blood concentrations following oral administration of penicillin V and comparison with penicillin G [Putman, Wright, and Welch] .....	370
Blood levels in patients receiving oral and intramuscular penicillins: 24-hour study [Symon] .....	371
Comparative clinical and laboratory studies: Penicillin V and penicillin G [Peck and Griffith] .....	371
Effectiveness in acute gonorrheal urethritis [Marmell and Prigot] .....	371
effects of, G in vitro on chancroid .....	*1112
In the treatment of subacute bacterial endocarditis [Quinn, Colville, Cox, and Truant] .....	372
Inactivation in tissues and body [Spitzzy] .....	372
Pharmacologic and toxicological studies [Anderson, Lee, Worth, and Chen] .....	372
prevents <i>Neisseria gonorrhoeae</i> .....	1244
report on benzathine, G for gonorrhea in women, speed zone epidemiology .....	*1142
Serum penicillin concentrations following oral administration [Linden, Finegold, and Hewitt] .....	373

## PENICILLIN—Continued

Some observations as to solubility and stability [Elias and Merriam] .....	373
Some properties such as stability [Diding and Frisk] .....	373
Toxicological properties of various forms [Glassman, Beckfield, Gore, Dervinis, Tislow, and Seifter] .....	374

## PESTICIDES

### *See also* DDT; INSECTICIDES

control of, on food .....	*577
laws protect food from .....	269

## PHYSICAL EXAMINATION

Mexican migrant workers at the border .....	1241, 1242
---	------------

## PHYSICIANS

### *See also* EDUCATION, PROFESSIONAL

California's experience in training public health physicians [Palmer and Merrill] .....	*1037
distribution in rural areas, loss .....	315
distribution in Virginia improved .....	317
professional relationships to family and associates affected by education .....	1022

## PLAGUE

Susceptibility of New Mexico rodents to experimental [Holdenried and Quan] .....	*979
--	------

## PLANNING

urges work begin now on cities of the future .....	299
--	-----

## PNEUMONITIS *see* ZOONOSSES

## POISONING

### *See also* FOOD POISONING

accidental, from farm work, adequacy of data .....	266
accidental, in home hobbies .....	266
accidental, schools can aid in fight against .....	279
control, coordination on national level .....	268
control, from pesticides on food .....	269
control, health agency .....	267
Protect your family against [Kerlan] .....	*450

## POLIOMYELITIS

### *See also* VACCINES AND VACCINATIONS

Epidemic outbreak of, in Puerto Rico. Preliminary report [Pons] .....	*99
Etiology of 1954-55 epidemic in Puerto Rico [Naimark and Rogers] .....	*1041
immunity probed by Louisiana study .....	290
surveillance pursued in Mexico .....	1244
survey in Rio de Janeiro [Martins da Silva and Syverton] .....	*395

## POPULATION

Border, Mexico, moves and grows .....	1241
Changes in demography challenge public health .....	808
Shifts compel review of health goals .....	225
trends affect public health planning .....	227

## POULTRY

Development of ordinance [Atkinson] .....	*471
---	------

## PREGNANCY

abnormalities of, linked to mental deficiency of offspring .....	270
--	-----

## PREGNANCY—Continued

ectopic, more frequent among nonwhite women.....	265
fetal wastage, Halifax County, N. C.....	*1065
Repeated, wastage [Schoeneck].....	*493
wastage study, Syracuse, New York.....	*493

## PROTEINS

patterns in leprosy.....	997
--------------------------	-----

## PSITTACOSIS

control now.....	808
Diagnosis of, in parakeets [Kissling, Schaeffer, Fletcher, Stamm, Bucca, and Sigel].....	*719
1955 summary of outbreaks.....	*802
outbreak in New Jersey.....	293

## PSYCHIATRY

drugs, tranquilizing, open new era in.....	*830
team work in crises.....	1027

## PUBLIC HEALTH

*See also* HEALTH INSURANCE; INDUSTRIAL HYGIENE; MEDICINE, PREVENTIVE; NATIONAL HEALTH PROGRAMS; SANITATION

awards.....	62, 336
in Pennsylvania, present status and needs [Mattison].....	*160
report of Resolving Committee, evaluation in.....	527
Where are we going in, theme of APHA conference.....	221

## PUBLIC HEALTH MONOGRAPHS

No. 36. A quest into the environmental causes of cancer of the lung by W. C. Hueper. PHS Pub. No. 452. <i>See also</i> Interpretive article, <i>Public Health Reports</i> , January....	94
No. 37. Cancer morbidity in urban and rural Iowa by William Haenszel, Samuel C. Marcus, and Edmund G. Zimmerer. PHS Pub. No. 462. <i>See also</i> Summary article, <i>Public Health Reports</i> , May.....	495
No. 38. Surgical experience in selected areas of the United States by Selwyn D. Collins, Josephine L. Lehmann, and Katharine Trantham. PHS Pub. No. 473. <i>See also</i> Summary article, <i>Public Health Reports</i> , July.....	725
No. 39. Proceedings of the Conference on Histoplasmosis held at Excelsior Springs, Mo., Nov. 18–20, 1952. PHS Pub. No. 465. <i>See also</i> interpretive article, <i>Public Health Reports</i> , August.....	825
No. 40. Sampling methods for a small household survey by Theodore D. Woolsey. PHS Pub. No. 480. <i>See also</i> Summary article, <i>Public Health Reports</i> , August.....	827
No. 41. Public health and social problems in the use of the tranquilizing drugs by Morton Kramer. PHS Pub. No. 486. <i>See also</i> Summary article, <i>Public Health Reports</i> , August.....	830

## PUBLIC HEALTH MONOGRAPHS—Con.

No. 42. Some aspects of child guidance clinic intake policy and practice by Forrest N. Anderson and Helen C. Dean. PHS Pub. No. 485. <i>See also</i> Summary article, <i>Public Health Reports</i> , September.....	951
No. 43. DDT in the diet of the rat by Paul Ortega, Wayland J. Hayes, Jr., and Arnold Mattson. PHS Pub. No. 484. <i>See also</i> Summary article, <i>Public Health Reports</i> , September.....	953
No. 44. General hospitals and nursing homes: Patterns and relationships in their geographic distribution by Jerry Solon and Anna Mae Baney. PHS Pub. No. 492. <i>See also</i> Interpretive article, <i>Public Health Reports</i> , October.....	985
No. 45. Tobacco smoking patterns in the United States by William Haenszel, Michael B. Shimkin, and Herman P. Miller. PHS Pub. No. 463. <i>See also</i> Summary article, <i>Public Health Reports</i> , November.....	1134

## PUBLIC HEALTH REPORTS

back numbers available, free, 1952, 1955, 1956.....	143, 1236
board of editors, new members.....	704

## PUBLICATIONS

Bibliography of medical reviews (Armed Forces Medical Library).....	374
Biological products. Revised, 1955 (PHS Pub. No. 50).....	424
Cancer morbidity in urban and rural Iowa (PHS Pub. No. 462; Monogr. No. 37)....	495
Careers in mental health (PHS Pub. No. 23, revised).....	1252
Child with rheumatic fever (Children's Bureau Folder No. 42).....	476
Civil defense information for food and drug officials (FDA Pub. unnumbered).....	813
Clinical memoranda on economic poisons (PHS Pub. unnumbered).....	1133
DDT in the diet of the rat. PHS Pub. No. 484; Monogr. No. 43).....	953
Dentist in the U. S. Public Health Service (PHS Pub. No. 475).....	1133
Design for statewide nursing surveys (PHS Pub. No. 460).....	954
Digest of State enabling legislation for mosquito abatement through 1955 (PHS Pub. unnumbered).....	1252
Education for the professions (Office of Education Pub. unnumbered).....	74
Encyclopedia of industrial hygiene instruments. University of Michigan Institute of Industrial Health and School of Public Health with the Public Health Service Occupational Health Program. (Unnumbered publication).....	930
Engineer in the U. S. Public Health Service (PHS Pub. No. 455).....	424

## PUBLICATIONS—Continued

General hospitals and nursing homes: Patterns and relationships in their geographic distribution. (PHS No. 492; Monogr. No. 44).....	985
Guide to making a survey of patients receiving nursing and personal care (PHS Pub. No. 454).....	813
Infectious hepatitis in New Delhi. Report of the Committee Investigating the Epidemic of Jaundice, December 1955-January 1956 (PHS Reprint from the Hindustani Standard, Feb. 18, 1956).....	954
National Cancer Institute (PHS Pub. No. 458).....	625
New hope for the disabled (Office of Vocational Rehabilitation Pub. VR-ISC-13).....	726
NIDR current clinical studies and patient referral procedures at the Clinical Center (PHS Pub. No. 456).....	424
Nursing at the Clinical Center (PHS Pub. No. 468).....	813
Outpatient psychiatric clinics, 1954 (PHS Pub. No. 428).....	74
Patients in mental institutions, 1952. Part I. Institutions for mental defectives and epileptics (PHS Pub. No. 483).....	813
Proceedings of the Conference on Histoplasmosis held at Excelsior Springs, Mo., November 18-20, 1952 (PHS Pub. No. 465; Monogr. No. 39).....	825
Protect your family against poisoning (FDA Leaflet).....	450
Protecting children in adoption. Report of a conference. (Children's Bureau Pub. No. 354).....	726
Public health and social problems in the use of the tranquilizing drugs (PHS Pub. No. 486; Monogr. No. 41).....	830
Quest into the environmental causes of cancer of the lung (PHS Pub. No. 452; Monogr. No. 36).....	94
Reading on cancer. An annotated bibliography (PHS Pub. No. 457).....	476
Reported tuberculosis data calendar year 1954 (PHS Pub. No. 471).....	625
Restorative services for older people (Reprint of Federal-State Conference on Aging. Leaflet, 1956).....	1194
Sampling methods for a small household survey (PHS Pub. No. 480; Monogr. No. 40).....	827
Some aspects of child guidance clinic intake policy and practices (PHS Pub. No. 485; Monogr. No. 42).....	951
Sources of morbidity data. Listing No. 3, 1955 (PHS Pub. No. 459).....	424
Surgical experience in selected areas of the United States (PHS Pub. No. 473; Monogr. No. 38).....	725

## PUBLICATIONS—Continued

Tobacco smoking patterns in the United States (PHS Pub. No. 463; Monogr. No. 45).....	1134
RABIES	
control, experiment, Harris County, Tex....	295
control, health departments'.....	806
control, Kentucky.....	807
sampling procedure for dog population estimates.....	296
RADIATIONS	
Effects of low-level radioactivity in the Columbia River [Henderson, Robeck, and Palange].....	*6
glossary of terms.....	192
hazards from nuclear explosions, biological-medical aspects.....	173
Increase in nuclear reactors, brings need for protective practices.....	611
of thymus in infancy linked to cancer.....	304
protection, State-local help needed.....	302
study ground storage of radioactive wastes.....	303
RECORDS	
Death certificate statement of occupation: Its usefulness in comparing mortalities [Buechley, Dunn, Linden, and Breslow]..	*1105
Philadelphia simplifies inspection records...	251
punchcard, marginal, use of, extended in Michigan.....	252
service programs.....	519
REFUSE <i>see</i> GARBAGE	
REHABILITATION	
Cites ten principles for, child.....	262
comments on [Folsom].....	376
of the aged.....	1194, 1210
Queens, program for handicapped children..	*879
State-Federal, program report.....	1103
RESEARCH	
<i>See also</i> GRANTS AND FELLOWSHIPS	
Epidemiological tests of theories of lung cancer etiology.....	*163
facilities for, in health related sciences.....	837
fellowships, NRC.....	973
RESERPINE <i>see</i> DRUGS, tranquilizing	
RETIREMENT	
Criteria for [Gafafer].....	1204
REVIEWS	
aging, nervous system changes with.....	*1179
air sampling devices.....	300
Cardiovascular disease programs for the community [Zukel, Hilleboe, Doyle].....	*425
chemicals, organic, affecting water supply, methods for isolating, identifying, tracing..	*1125
environmental health, effects of technological change.....	*436
epidemics, seasonal and other influences on..	*125
fluoridation, controlled, in the United States	*963
food and drug protection, 50 years.....	*557
food sanitation, 50 years.....	*560
leukemia, epidemiology.....	*103

<b>REVIEWS—Continued</b>		
lung cancer etiology, tests of, theories of...	*163	
mosquitoes, northern.....	*616	
nutrition program, FDA.....	*566	
Recent studies in surface disinfection [Stedman and Kravitz].....	*1057	
social sciences and the professions.....	*504	
venereal disease control, New York City.....	*381	
water, sea, survival of enteric organisms..	*77	
<b>RHEUMATIC FEVER</b>		
Jones criteria (modified) for guidance in the diagnosis of.....	672	
study in Miami, Fla., of relationship of group A beta hemolytic streptococcus to..	*745	
study uses sibling controls.....	292	
<b>ROCKY MOUNTAIN SPOTTED FEVER</b>		
1955 summary of outbreaks.....	*802	
<b>RODENTS</b>		
plague susceptibility, experimental.....	*979	
training programs in, control.....	758	
<b>RURAL CONDITIONS</b>		
health status of men over forty, Nashoba Health District (Mass.).....	*1213	
water supply, pressure, TVA.....	*209	
<b>SALK VACCINE <i>see</i> VACCINES AND VACCINATION, poliomyelitis</b>		
<b>SALMONELLA INFECTIONS</b>		
fish, smoked, as vehicle of, Philadelphia..	*773	
1955 summary of outbreaks.....	*800	
<b>SANITARY ENGINEERING</b>		
degrees awarded in 1955 [Laubusch and Ludwig].....	*945	
in civil defense.....	187	
Public Health Engineering Abstracts on sale at GPO.....	966	
role in hurricane floods.....	*814	
training course, joint services—Army, Navy, Air Force, Public Health Service..	536	
<b>SANITATION</b>		
Accident prevention in [Seagle].....	468	
aircraft.....	*360	
appraisal of, needs in Mexico's border territory.....	1241	
city planning, Tulsa's health department helps.....	811	
Dynamic impact of advancing technology on environment and health [Hollis].....	*436	
environmental, in planning cities of the future.....	299	
Environmental health program and budget in local health departments, 1954.....	*340	
health department activities in flood damage, Bucks County, Pa.....	*821	
in hurricane floods.....	*814	
Irrigation with sewage impractical for safety.....	1239	
Mexican border projects.....	1241	
New York program.....	260	
school lunchrooms.....	278	
<b>SANITATION—Continued</b>		
seafood seminar, 9th annual.....	172	
sewage disposal facilities in Mexico.....	1239	
shellfish workshop.....	1064	
Slum clearance project in Mexicali area....	1241	
trailer, for migrant workers.....	1240	
vector control projects.....	809	
<b>SCHOOL HEALTH</b>		
tuberculin testing of college students.....	*633	
ventilation, economical ways to improve...	277	
Yale University, causes of student deaths..	*1081	
<b>SCHOOLS</b>		
aid in fight against accidental poisonings...	279	
dental results questioned by ADA.....	279	
health education in, cooperative program in Arkansas.....	324	
health services statistics.....	917	
lunchrooms, control of sanitation, by health department.....	278	
Pre-administration curriculum in a school of public health [Taylor].....	*391	
<b>SEWAGE</b>		
disposal, hazard to cattle from tapeworm in dry lands.....	1239	
disposal difficulties, Cook County, Ill., review.....	301	
disposal in mass building [Lee].....	*553	
disposal in the Mexican watershed of the Rio Grande.....	1239	
irrigation with, dangerous.....	1239	
treatment, and microbiota in Ohio stream [Lackey].....	*708	
<b>SHELLFISH</b>		
sanitation workshop.....	1064	
<b>SHIGELLOSIS</b>		
gastroenteritis outbreak, Ohio.....	*856	
ideal environment for.....	1242	
1955 summary of outbreaks.....	*800	
<b>SLEEPING SICKNESS <i>see</i> ENCEPHALITIS</b>		
<b>SMOKING</b>		
Survey of tobacco smoking patterns in the United States.....	1134	
<b>SOCIAL SCIENCES</b>		
Behavioral sciences and the professions [French].....	*504	
contribution of social worker to the "helping professions".....	*504	
cooperation of health and welfare agencies..	*833	
cultural factors in border health work....	1244	
problems created by chronic illness.....	686	
The family in social service.....	1027	
<b>SODIUM FLUORIDE <i>see</i> FLUORIDES</b>		
<b>SOIL</b>		
nitrification survey in Minnesota.....	*497	
<b>STAPHYLOCOCCUS <i>see</i> FOOD POISONING</b>		
<b>STATISTICS</b>		
<i>See also</i> VITAL STATISTICS		
aged on the labor force, sampling plan for small household survey.....	*827	

<b>STATISTICS—Continued</b>		<b>TRAINING COURSES AND PROGRAMS—</b>	
Basic principles governing service statistics in public health.....	521	Continued	
Health services for children of school age. Report of the Working Group on Service Programs.....	917	home care training for practical nurses.....	*530
Health supervision of infants and preschool children.....	705	infants, premature, care, institutes for.....	829
mental health patients.....	214	insect and rodent control, CDC.....	758
mental hospital, progress in reporting.....	1033	laboratory diagnosis of tuberculosis, CDC..	812
Michigan broadens use of marginal punch-cards.....	252	laboratory refresher, CDC.....	544
Service statistics in public health.....	519	nurses, epidemiology for, CDC.....	86
Sound service statistics measure achievement.....	250	nurses in civil defense.....	744
<b>STERILIZATION</b> <i>see</i> <b>ANTISEPSIS</b>		sanitary engineering, commissioned services..	536
<b>STREPTOCOCCAL INFECTIONS</b>		sanitation, preservice, and inservice, New York State.....	260
Group A beta hemolytic streptococcus and rheumatic fever in Miami, Fla., 8-month bacteriological and serologic study [Streitfield, Saslaw, and Doff].....	*745	tuberculosis, laboratory diagnosis, CDC....	812
1954 summary of outbreaks.....	*801	<b>TREPONEMA INFECTIONS</b>	
<b>STUDENTS</b> <i>see</i> <b>SCHOOLS</b>		<i>See also</i> <b>SYPHILIS</b>	
<b>SUICIDE</b>		Symposium, 1st International on Venereal Diseases and the Treponematoses, Washington, D. C., May 28–June 1, 1956.....	330
Clues to [Shneidman and Farberow].....	*109	<b>TRICHINELLA SPIRALIS</b>	
pathopsychology and statistics.....	*109	wildlife reservoir of, found by Iowans.....	294
<b>SULFONES</b>		<b>TRICHINOSIS</b>	
leprosy therapy limitations of.....	1000	1954 summary of outbreaks.....	*801
<b>SURGERY</b>		tests, three, rated in study.....	237
Surgical experience in selected areas of the United States.....	*725	<b>TUBERCULIN REACTION</b>	
<b>SURPLUS PROPERTY</b>		Developing a, testing program in Iowa [Williamson].....	910
channeling Federal, to State and local agencies for health education.....	76	Recent, testing experiences in Iowa [Williamson].....	908
<b>SYPHILIS</b>		testing of Honolulu children [Marks].....	912
Biological false-positives found by new TPCF test.....	238	Tuberculin sensitivity of young adults in the United States [Palmer, Krohn, Manos, and Edwards].....	*633
Serologic survey for syphilis in migratory labor camps of upstate New York [Thomas and Giordano].....	*1089	<b>TUBERCULOSIS</b>	
Study shows reliability of STS and TPI tests.....	238	Candida albicans, means of detecting tubercle bacilli on culture media [Mankiewicz].....	914
<b>TAPEWORMS</b> <i>see</i> <b>WORMS</b>		case finding programs, attitude of public to..	*377
<b>THERAPEUTICS</b>		chemotherapy, effect on long-term prognosis [Lincoln, Davies, and Lythcott].....	913
<i>See also</i> <b>CHEMOTHERAPY</b>		chest X-ray survey, Cleveland, pulmonary nodules found.....	907
drug, for TB home patients.....	*1097	chest X-ray survey, Willamette valley [Edwards].....	*53
group, for juvenile delinquents.....	*1075	chromogenic acid-fast bacilli, emergence and distribution of [Koch].....	910
<b>TOBACCO</b> <i>see</i> <b>SMOKING</b>		conference report, National Tuberculosis Association and others.....	887
<b>TOXOCARA</b> <i>see</i> <b>WORMS</b>		control south of the border.....	1245
<b>TOXOPLASMA</b>		Correlation with socioeconomic conditions in New York City [Lowell].....	911
Distribution of, antibodies in comparable urban and rural groups [Gibson].....	*1119	disinfection with diamine [Hoyt, DJang, and Smith].....	*1097
<b>TRAINEESHIPS</b> <i>see</i> <b>GRANTS AND FELLOWSHIPS</b>		drug therapy for, home patients.....	910
<b>TRAINING COURSES AND PROGRAMS</b>		Indians, American, project to combat TB in..	394
diabetes control, PHS Field Research and Training Unit, Boston.....	150	morbidity and mortality facts and trends [Anderson].....	*194
civil defense, nurses in.....	744	Mortality among former student nurses during the last decade [Theodore, Berger, and Palmer].....	914
epidemiology for nurses.....	86	NTA director considers world control.....	231
health workers, graduate, PHS.....	1096		

## TUBERCULOSIS—Continued

Nonhospitalized patient—Program implications [Anderson, Sauer, Smith, and Roberts].....	*888
outpatient therapy for selected cases only..	291
Patients' opinion survey at Firland Sanatorium [Vavra and Rainboth].....	*351
Patient's reaction to hospital treatment [Calden].....	915
Patients who disregard medical recommendations [Taylor].....	904
Proprieties of, management [Peck].....	*1159
research, further, needed.....	290
Treatment of nonhospitalized patient—Advantages and special problems [Lansdown, Jones, Martin, and Huddleston]..	910

## TULAREMIA

1954 summary of outbreaks.....	*802
--------------------------------	------

## TYPHOID FEVER

epidemiological study in Washington, D. C., 1954-55.....	*938
--	------

## VACCINES AND VACCINATION

cattle, against zoonoses.....	1240
poliomyelitis, CDC surveillance unit finds vaccine effective.....	289
poliomyelitis, cost of administering, Florida.....	807, 808
poliomyelitis, injections, dose schedule.....	5
poliomyelitis, production advanced, panel discussion.....	288
poliomyelitis, Salk, statistical aspects of safety testing.....	*1045
Poliomyelitis vaccine studies [Brown, Rabson, and Craig].....	*604
smallpox vaccine output stepped up by new techniques.....	237
Some statistical aspects of safety testing the Salk poliomyelitis vaccine [Cornfield, Halperin, and Moore].....	*1045

## VENEREAL DISEASES

*See also* CHANCROID; GONORRHEA; SYPHILIS

Symposium, 1st International on, and the Treponematoses, Washington, D. C., May 28-June 1, 1956.....	330
Venereal disease control in New York City [Rosenthal and Vandow].....	*381

## VETERINARY MEDICINE *see* MEDICINE, VETERINARY

## VIRUS DISEASES

Antibiotics in the treatment of [Moulton]..	369
Complement fixation tests need standard procedure.....	284
health officers told to lead fight on.....	285

## VIRUSES

new group, found in healthy children.....	286
psittacosis, from Texas disseminated in New Jersey by turkey eggs and poults...	293
theory, so-called, of cancer.....	287

## VITAL STATISTICS

*See also* MORBIDITY; MORTALITY

cardiovascular diseases, deaths from.....	*425
death rate, lowest total, in suburbs.....	309
deaths of infants from diarrhea.....	1242
diphtheria morbidity.....	*481
family data lacking.....	*1002
fetal death rate higher among nonwhite women in New York City study.....	265
gonorrhea morbidity incidence compared with syphilis.....	*537
heart disease death rate, 1955.....	*742
infant mortality, high, studied in Halifax County, N. C.....	*1065
mental health patients, 1955.....	*214
morbidity and mortality in U. S., problems for research in.....	*1
Some problems for research in mortality and morbidity [Dorn].....	*1
tuberculosis morbidity and mortality facts and trends.....	*194
tuberculosis mortality among student nurses, last decade.....	914
tuberculosis patients nonhospitalized.....	*888
Variation in mortality from heart disease. Race, sex, and socioeconomic status [Lilienfeld].....	*545
VITAMIN B <sub>6</sub> DEFICIENCY	
association of, with convulsions in infants..	*445

## WATER ANALYSIS

Baltimore coliform count uses geometric mean.....	308
Enterococcus indicators aid in water tests..	299
Evaluating bacterial contamination in sea water samples [Orlob].....	*1246
fluid samples problem solved by new MF test.....	308
Organic contaminants affecting the quality of water [Middleton and Rosen].....	*1125
quality revealed by microscope.....	307
samples, chelating agent's role in maintaining coliform index.....	*974
Use of the membrane filter technique for testing water supplies in the field [Hope and Neill].....	*1093

## WATER POLLUTION

contamination by nerve gas.....	*955
contamination through outdoor plumbing suggested as cause of disease outbreak in Washington, D. C.....	*938
Federal Water Pollution Control Act of 1956, provisions of.....	1163
low-level radioactivity in Columbia River, effect of, on aquatic organisms, public health aspects.....	*6
nitrate in water, survey in Minnesota.....	*497
proof of harm not required before board action, Illinois.....	944
Survival of enteric organisms in sea water. A review of the literature [Greenberg]...	*77

<b>WATER SUPPLY</b>			
Clean, in Mexico.....	1239		
Combined efforts stimulate development of rural water systems [Weaver, Roberts, and Davidson].....	*209		
inventory, 1955.....	213		
inventory of needs, nationwide.....	467		
<b>WATER TREATMENT</b>			
effect of defluoridation, on excretion of fluoride in the urine.....	*217		
fluoridation, Army posts.....	878		
fluoridation, Grand Rapids-Muskegon study.....	*652		
fluoridation, held reasonable law for protection of public health, Oregon.....	503		
fluoridation, levels of fluoride in urine of drinkers.....	*767		
<b>WORMS</b>			
tape, hazard to cattle in dry lands.....	1239		
Toxocara, cats and dogs natural hosts for..	298		
		<b>WORMS—Continued</b>	
		Visceral larva migrans, a public health problem.....	298
		<b>WORLD HEALTH <i>see</i> INTERNATIONAL HEALTH</b>	
		<b>X-RAYS</b>	
		<i>See also</i> <b>RADIATIONS</b>	
		Exposure of thymus in children.....	304
		Why people seek diagnostic [Hochbaum]....	*377
		Willamette Valley chest, survey [Edwards]..	*53
		<b>YELLOW FEVER</b>	
		Threat persists.....	1245
		<b>ZOONoses</b>	
		<i>See also</i> Name of disease	
		control with vaccine.....	1240
		Pneumonitis in workers laid to turkeys....	293

## CORRECTIONS

FEBRUARY ISSUE, p. 162, 2d column. beginning with line 8 of the article entitled "Public Health in Pennsylvania," by Berwyn F. Mattison, change to: "average infant death rate of 14.6 per 1,000 live births, but our poorest 3 cities have an average death rate of 31.0. This means that for every 31.0 baby deaths in one kind of community the other community has only 15.0."

JULY ISSUE, p. 654, table 2 of the article entitled "Effect of Fluoridated Public Water Supplies on Dental Caries Prevalence," by F. A. Arnold, Jr., H. T. Dean, P. Jay, and J. W. Knutson, the def rate for 7-year-olds in 1950 should read "4.72", and the def rate for 11-year-olds in 1953 should read "1.09", both in Grand Rapids, Mich.; p. 655, table 3, in the same article, the DMF rate for 6-year-olds in Grand Rapids, Mich., in 1953 should read "0.19."

SEPTEMBER ISSUE, p. 907, 2d column, line 28 of the Tuberculosis Conference brief entitled "Pulmonary Nodules Found in Cleveland Survey," by Holin

and others, insert the word "malignant" before the word "nodules" to read: "Most of these malignant nodules were diagnosed early" and in line 39, insert the word "calcified" after the word "appeared" to read: "None of these nodules appeared calcified on the original film."

OCTOBER ISSUE, p. 957, 1st column, line 5, in the article entitled "Nerve Gas in Public Water," by Joseph Epstein, equation [2] should read: " $\phi_{\frac{1}{2}} = (5.4 \times 10^8) (10^{-pH})$ "; and p. 1064, 2d column of article entitled "Shellfish Sanitation Workshop," beginning with the 1st line below the table, read: "The workshop adopted a resolution requesting the."

DECEMBER ISSUE, p. 1213, 1st column, in the authors' identification of the article entitled "Rural Health Survey of Men Over Forty," by John Pemberton and Kenneth I. E. Macleod, credit should have been given to the North Worcester County Public Health [Tuberculosis] Association for financial help.

# Author Index

Acker, Murray S.	247	Brown, Esther Lucile	312	Daily, Edwin F.	241
Ackerman, Nathan W.	1017	Brown, Gordon C.	*604	Daley, Daniel J.	1204
Aldersberg, David	282	Bucca, M. A.	*719	Da Silva <i>see</i> Martins da Silva,	
Amos, Franklyn B.	258	Buechley, Robert	*1105	Mauricio	
Anderson, C. L.	322	Bugbee, George	677	Dauer, Carl C.	*797
Anderson, Forrest N.	**951	Burney, Leroy E.	190, 229, *1168	Davidson, C. M.	*209
Anderson, Odin W.	242	Burr, Horace K.	317	Davies, Pamela A.	914
Anderson, Otis L.	526			Davis, Dorland J.	*1226
Anderson, Robert C.	372	Caballero, P. J.	1239	Deacon, Wilbur E.	*1112
Anderson, Robert J.	*194, *888	Calden, George	916	Dean, H. Trendley	*652
Andrews, Justin M.	37, 617	Calver, Homer N.	*62	Dean, Helen C.	**951
Arnold, Francis A., Jr.	*652, *1228	Cameron, Charles M., Jr.	267, *1086	Defries, Robert D.	288
Aronson, Jesse B.	624	Candau, M. G.	216	Derryberry, Mayhew	258
Atkinson, Joe W.	*471	Caplan, Gerald	1027	Dervinis, Alphonse	374
Auerbach, Aline B.	314	Cardinal, Paul J.	321	Dick, Lillian	*481
		Cashman, Rita E.	283	Diding, N. A.	374
Badger, L. F.	999	Cerny, Josephine	306	Diehl, Antoni M.	292
Baity, Herman G.	232	Chang, Y. T.	998	DJang, Arthur H. K.	*1097
Ballard, William	172	Chapman, A. L.	*337, 623	Doff, Simon D.	*745
Bandman, Elsie	*530	Chapman, Howard W.	*360	Dorn, Harold F.	*1
Baney, Anna Mae	* **985	Chen, K. K.	372	Doull, James A.	997, 999
Bauer, Theodore J.	186	Cherkasky, Martin	*530	Downs, Marion P.	275
Baumgartner, Leona	677	Chin, Vivian	*453	Doyle, Joseph T.	*425
Beadenkopf, William G.	*15	Chope, Harold	320	Dunn, Halbert L.	*1002
Beattie, Margaret I.	236	Clark, Duncan W.	1022	Dunn, John E., Jr.	*67, *1105
Beaver, Paul C.	298	Clark, G. Robert	*581	Duran-Reynals, Francisco	287
Beckfield, William J.	374	Clark, Harold F.	308	Durham, William F.	**953
Belloc, Nedra B.	1221	Cobb, Sidney	282	Dwork, Ralph E.	907
Bellsmith, Virginia	1030	Coffey, Erval R.	625	Dwyer, Hugh L.	288
Berger, Anne G.	915	Coggeshall, Lowell T.	675, 682, 1209		
Bergsma, Daniel	43, 256, *337	Cohart, Edward M.	256	Eads, Richard B.	*759
Bernstein, Alan	284	Cohn, Morris M.	299	Edwards, Gordon C.	*53
Berresford, Kathleen	*487	Coleman, Paul J.	1242	Edwards, Lydia B.	*633
Bettag, Otto L.	345	Collins, Selwyn D.	**725	Eisenhower, Dwight D.	675
Bierman, Pearl	254, *833	Colville, J. M.	372	Elias, William	373
Biestor, H. E.	294	Conwell, Donald P.	290	Eliot, Martha M.	33
Binford, Chapman H.	995	Cook, E. B. M.	237	Elledge, Caroline H.	262
Birren, James E.	*1173	Cooper, Gerald R.	236	Eller, Clyde B.	811
Bodian, David	288	Corbin, Hazel	1024	Ellis, H. F.	361
Boek, Walter E.	*15	Cornely, Paul B.	228	Enterline, Philip E.	*849
Borman, Earle K.	240	Cornfield, Jerome	*1045	Epstein, Joseph	*955
Bowden, P. W.	810	Cottle, William C.	229	Erhardt, Carl L.	265
Brandon, Ella M.	238	Cowgill, David M.	1241	Erickson, Harold M.	*612
Brasuell, Charles H.	676	Cox, F.	372	Erickson, John M.	259
Breslow, Lester	320,	Craig, Donald E.	*604	Ewalt, Jack	1210
	*453, 685, *1105, 1210	Cronin, John W.	47, *932		
Bridges, C. Bradley	*409	Curiel Alcala, Mariano	1244	Falzone, Joseph A., Jr.	*1185
Brightman, I. Jay	693	Curtis, Jack M.	49	Farberow, Norman L.	*109
Britt, Ferne Hobson	*735			Farragut, L. D.	295
Brown, Earle G.	*399	Dacso, Michael	1210	Farris, Jeff	324

\*Original article.

\*\*Public Health Monograph.



Fay, Richard W.	*876	Griffith, R. S.	371	Jay, Philip	*652
Feemster, Roy F.	288	Grove, Robert D.	227	Jeter, Harold L.	308
Feldman, William H.	995			Jezeski, James J.	239
Feldmann, Floyd M.	290	Haenszel, William		Johns, Edward B.	323
Ferree, John W.	*115		*163, **495, **1134	Johnson, Charles C., Jr.	*204
Fields, Adelaide	*974	Haight, Thomas H.	370	Jones, Julia M.	910
Finegold, Sydney	373	Hall, William Jackson	289	Jordan, William A.	280
Fisher, Edgar J., Jr.	317	Halperin, Max	*1045	Juni, Robert P.	325
Fite, George L.	998	Hamilton, Tom R.	292		
Flanagan, Leon	812	Handy, Vincent H.	*399	Kabler, Paul W.	308
Fleck, Stephen	313	Hanel, Everett, Jr.	*331	Kahn, Reuben L.	238
Fletcher, O(rlin) K., (Jr.)	*719, 812	Hanks, John H.	994	Kaiser, Raymond F.	41
Flook, Evelyn	250	Hanlon, John J.	225	Kandle, Roscoe P. (Ross)	229, 527
Florio, Lloyd	288	Hanson, Harry G.	187	Kaufman, Esther	1205
Flowers, Mrs. Sam	624	Harmston, Fred C.	*759	Keller, Martin D.	*856
Folsom, Marion B.	25, 376	Harnett, Arthur L., Jr.	323	Kerlan, Irvin	*450
Foote, Franklin M.	*1137	Harton, W. R., Jr.	810	Kerr, J. Austin	1245
Foote, Roberta E.	314	Hawley, Paul R.	244	Kilpatrick, John W.	*144, *787
Forsyth, Philip J.	237	Hay, Donald G.	*477	Kinsman, Simon	181
Foster, Robert G.	272	Hayes, Richard L.	*1228	Kissling, R. E.	*719
Fox, John P.	290	Hayes, Wayland J., Jr.	269, **953	Klepak, Daniel	*868
Francis, Thomas, Jr.	288	Hays, Marcia	1243	Klumpp, Theodore G.	675
Franco, Almeida	370	Hectorne, Ronald L.	807	Kluth, Fred C.	999
Fredrickson, Luther E.	806	Hein, Fred V.	279	Kneedler, Mary King	313
French, David G.	*504	Henderson, Crosswell	*6	Knutson, John W.	*652
Friedrich, Lawrence M.	256	Henderson, Howard J.	996	Koch, Marie L.	911
Frisk, A. Rune	374	Herbert, Stephen J.	1001	Koos, Earl Lomon	245
Frohne, W. C.	*616	Herborn, Gudrun	*345	Korns, Robert F.	*15
Fuerst, Harold T.	237	Herzik, G. R.	1239	Kountz, William B.	*1170
Fuller, James E.	306	Heseltine, Marjorie M.	*139	Koyl, L. F.	*1195
Fulton, Wallace C.	1012	Hewitt, William L.	373	Kramer, Harry P.	184
Furcolow, Michael L.	*825	Hilleboe, Herman E.	221, 223, 250, 256, *425, 526, 527	Kramer, Morton	**830, 1033
		Hines, Martin	297, 808	Kratz, Frederick W.	*409
Gafafer, William M.	1204	Hinrichs, Marie A.	275	Kraus, Arthur S.	283
Gaines, Clemens W.	254	Hirschberg, Nell	297	Kravitz, E.	*1057
Garber, L. F.	266	Hirschfeld, Gerhard	689	Krohn, Edward F.	*633
Geever, Erving F.	*459	Hiscock, Ira V.	256, 274	Kroll, Bernard H.	*863
Geldreich, Edwin E.	308	Hochbaum, Godfrey M.	*377	Kurlander, Arnold B.	677
Gelfand, Henry M.	290	Holdenreid, R.	*979		
Gerhardt, Charles E.	809	Holin, Sabine M.	907	Lackey, James B.	307, *708
Gerhardt, Paul R.	283	Holland, Albert H., Jr.	*587	Lang, Barbara G.	240
Gerrie, Norman F.	280	Hollis, Mark D.	*436	Langmuir, Alexander D.	289
Getting, Vlado A.	257, 525	Holmes, E. M., Jr.	810	Lansdown, Frances S.	910
Gibson, Colvin L.	*1119	Hookings, Carl E.	*1142	Larkin, Edward P.	305
Gilbert, Mort	*1002	Hope, Malcolm C.	*204, *1093	Larrick, George P.	*557
Giordano, Joseph	*1089	Hopkins, Edward S.	308	Larsen, Grace I.	805
Glaser, Stanley	907	Houghland, Dale	296	Laubusch, Edmund J.	*945
Glassman, Jerome M.	373	Howard, Ruth B.	321	Laurentz, Fred K.	295
Gleason, Marion	266	Hoyt, Anson	*1097	Lauster, K. C.	*814
Goik, Marie	273	Huddleston, Jean F.	910	Lawton, W. C.	239
Goldstein, Hyman	*863	Hudson, Holland	913	Leavell, Hugh R.	675
Gordon, E. Dorothy	*399	Hueper, W. C.	* **94	LeBlanc, Dorothy R.	290
Gordon, John E.	285	Huntley, Henry C.	625	Lee, C. C.	372
Gore, Edward M.	374	Hyde, Henry van Zile	*151, 232	Lee, David B.	*553
Graham, Saxon	*1115			Lee, Ruby M.	1242
Graning, Harald M.	1225	Ingraham, Samuel C., II	*173	Lehman, Arnold J.	*571
Grant, R. Lorimer	*600	Jacks, Margaret H.	*735	Lehmann, Josephine L.	**725
Graves, L. M.	*1142	James, George	*15, *666	Leland, Benn J.	301
Gray, Clarke T.	994	James, Glen C.	248	Lending, Miriam	*967
Greenberg, Arnold E.	*77			Leone, Nicholas C.	*459
Greenberg, Morris	237				

Levin, Gilbert V.	*938	Miller, Donald	1239	Phillips, G. Briggs	*331
Levin, Morton L.	283, 694	Miller, Herman P.	**1134	Pinto, A. R.	370
Lew, Edward A.	1013	Miller, Seward E.	1208	Plotke, Frederick	*345
Likins, R. C.	217, *767	Monk, Mary A.	315	Polan, Adele K.	*15
Lilienfeld, Abraham M.	270, *545	Moore, Felix	*1045	Pons, Juan A.	*99
Lincoln, Edith M.	914	Moore, Helen A.	805	Portnoy, Joseph	238
Linden, George	*1105	Moorhead, Jennelle	233	Price, Edmund R.	806
Linden, Herbert	373	Moran, Neil C.	*459	Price, Winston H.	*125
Lindt, August R.	230	Moreel, Ben	226	Prigot, Aaron	372
Litsky, Warren	305	Morehead, Mildred A.	241	Purdom, Paul W.	251, 341
Lolli, Giorgio	*727	Moriyama, Iwao	311	Putnam, Lawrence E.	371
Longaker, Ralph K.	267	Morris, Eleonor	1207		
Losty, Margaret A.	262, *967	Morris, Robert L.	306	Quan, S. F.	*979
Lowell, Anthony M.	912	Morton, Roy J.	303	Quarterman, Kenneth D.	*876
Lucci, Anthony J.	293	Moulton, Barbara	369	Quinley, Robert L.	300
Ludwig, Harvey F.	*945	Muelling, Rudolph J., Jr.	997	Quinn, E. L.	372
Lundin, Frank E., Jr.	1000, 1001	Muhlpsfordt, Heinz	370		
Lyman, Harold D.	1241	Mulholland, Henry	1209	Rabson, Alan S.	*604
Lyon, Walter A.	341	Muller, Jonas N.	254, *833	Rabushka, Sanford	249
Lytchcott, George I.	914	Munson, Edward W.	1240	Rainboth, Edith Dyer	*351
		Murphy, W. J.	*481	Ramirez del Toro, Enrique	1241
MacLean, Basil C.	240			Ramos-Alvarez, Manuel	286
Macleod, Kenneth I. E.	1213	Naimark, David H.	1041	Rankin, Winton B.	*577
Maddry, Lynn	297	Nathan, Murray L.	250	Reed, Louis S.	1205
Magnuson, Harold J.	238	Nathanson, Neal	289	Reitman, Morton	*659
Maier, Paul P.	1242	Naylor, Martha Ball	1203	Reyes Ruiz, Jose	1244
Maley, V. Hamilton	*481	Neill, Arthur H.	*1093	Rice, Guy V.	809
Mallette, Frederick S.	*1069	Nelson, E. M.	*445, *566	Rikli, Arthur E.	907
Mankiewicz, Edith	914	Nogueira, Alfredo	370	Riordan, Daniel C.	1000
Manos, Nicholas E.	*633			Ritter, Cassandra	300
Marcus, Samuel C.	**495	Ocampo Alonzo, Victor	1242	Robbins, Malcolm L.	*856
Mark, Richard S.	*814	O'Keefe, Patric Ruth	318	Robeck, Gord on G.	*6
Marks, Robert H.	913	Olitzy, I.	*773	Roberts, C. T.	*209
Marmell, Milton	372	Olson, J. C., Jr.	239	Roberts, Doris E.	*888
Martin, Donald S.	996	Opler, Marvin K.	1027	Roemer, Milton I.	246
Martin, Eleanor	910	Orlob, Gerald T.	*1246	Rogers, Nancy G.	1041
Martins da Silva, Mauricio	*395	Ortega, Paul	**953	Rorem, C. Rufus	692
Marx, George W.	1238	Ott, Nancy	*453	Rosen, A. A.	*1125
Mathis, Willis	*876	Oviatt, Vinson R.	253	Rosenbaum, Joseph	282
Mattison, Berwyn F.	*160			Rosenthal, Theodore	*381
Mattson, Arnold	**953	Paetro, Sidney	*933	Ross, Sister Hilary	996
May, John S.	292	Palange, Ralph C.	*6	Roth, Russell B.	624
Mayo, Leonard W.	675, 678, *879	Palmer, Carroll E.	*633, 915, *1037	Rowland, Virgil K.	252
Mayo, Selz C.	*477	Palmer, Melvina F.	*821	Rubenfeld, Seymour	*1075
McCauley, H. Berton	*1228	Pappas, James P.	326	Rubin, Theodore	282
McClure, F. J.	*217, *767	Parkhurst, Elizabeth	309	Russell, A. L.	281, *626
McCutchen, John H.	278	Parrish, Henry M.	*1081		
McDermott, Elizabeth B.	238	Passamanick, Benjamin	270	Sabin, Albert B.	286
McGavran, Edward G.	235, *1166	Patno, Mary Ellen	*780	Sachs, Miriam	302
McKeever, Nell	258	Pearce, Donna	*441	Salk, Jonas E.	288
Meadors, Gilcin F.	*103	Peck, Franklin B., Jr.	371	Sandell, Perry (J.)	229, 279
Megonnell, William H.	*360	Peck, W. M.	*1159	Sanford, Fillmore	224
Menzies, George C.	*759	Pemberton, John	1213	Saslaw, Milton S.	*745
Meredith, Howard V.	276	Pendleton, John L.	622	Sauer, Herbert I.	*888
Merrill, Malcolm H.	*1037	Perez Servin, Fidel	1245	Saunders, Lyle	1244
Merrion, H. Joseph	373	Perkins, Georgia B.	321	Schaefer, Louis E.	282
Messner, Sherwood	623	Perkins, James E.	231	Schaeffer, M.	*719
Meyer, K. F.	*511	Perri, A. M.	*773	Schamberg, Ira Leo	*537
Meyer, William H.	999	Pesqueira, Manuel E.	1244	Schamberger, Karl H.	308
Middleton, F. M.	*1125	Peterson, Lawrence J.	288	Scheele, Leonard A.	26,
Millar, Jack W.	999	Phair, John J.	*87		274, 288, *376

Schmidt, Edwin L.	*497	Stuart, J. E.	1240	Wagner, Anne B.	*780
Schoeneck, F. J.	*493	Suggs, Don	1242	Waldner, Betty Greer	*487
Schoof, H. F.	*144, *787, *876	Sussman, Oscar	293	Walker, Richard V.	236
Schottland, Charles I.	244, 686	Swan, Lawrence L.	998	Wallace, Helen M.	262, *967
Schwarte, L. H.	294	Sylvester, Granville	*797	Ward, Jack L.	*1075
Seagle, Edgar F.	*468	Symon, William E.	371	Weaver, C. H.	*209
Segura, Joaquin	1241	Syverton, Jerome T.	*395	Weaver, Leo	*204
Seifman, Betty	*530			Webb, Robert M.	*879
Seifter, Joseph	374	Tabor, Elbert C.	300	Wedum, Arnold G.	*331, *659
Sellers, Mrs. John T.	624	Tayback, Matthew	808	Welch, Henry	371, *594
Shaffer, Thomas E.	261	Taylor, Keith O.	*391	Wende, Reuben D	295, 296
Shellow, Robert	*1075	Taylor, Ruth B.	904	Werrin, M.	*773
Shepard, Charles C.	994	Terris, Milton	315	West, Howard	*938
Sheps, Cecil G.	677	Tetzlaff, Frank	*814	Wheatley, George M.	268
Shiffman, M(orris) A.	251, *773	Theodore, Andrew	915	Wheeler, Albert H.	238
Shimkin, Michael B.	**1134	Thomas, Eleanor	293	White, Paul D.	*742
Shipe, E. L., Jr	*974	Thomas, Evan W.	*1089	Widelock, Daniel	237
Shneidman, Edwin S.	*109	Thompson, Annie E.	237	Wilcox, Harry H.	*1179
Shock, Nathan W.	*1185	Thompson, G. D. Carlyle	677, 691	Williams, Edwin G.	*173
Shortal, Hazel	1243	Thompson, Maurice L.	*87	Williams, L. G.	247
Shull, Ivan F.	300	Thompson, Meredith H.	260	Williams, Louis L., Jr.	229
Shultz, George R.	*759	Tibbitts, Clark	1206	Williamson, Paul C.	909, 910
Sieverding, Omer C.	240	Tierkel, Ernest S.	295	Wishik, Samuel M.	260
Siffert, Robert S.	262, *967	Tislow, Richard	374	Witmer, Helen L.	529
Sigel, M. M.	*719	Titus, Frances	*399	Wolcott, Rolla R.	997, 1000
Silver, George A.	1019	Tobias, Jerome S. <i>see</i> Tobis,		Wolford, E. R.	305
Simon, Nathan	249	Jerome S.		Wood, Horatio C., IV	1000
Simonson, Ruth E.	*700	Tobis, Jerome S.	262, *967	Woodcock, Leonard	225
Simpson, C. Lenore	304	Tobler-Lennhoff, Alice B.	263	Woolford, Everett R.	317
Singer, Solomon	*1112	Torrance, Elizabeth B.	*530	Woolsey, Theodore D.	**827
Slocum, Glenn G.	*560	Tracy, Lucille E.	313	Work, Henry H.	273
Smith, C. Richard	*1097	Trantham, Katharine S.	**725	Worth, H. M.	372
Smith, Lucille M.	*896	Treloar, Alan E.	309	Wright, William W.	371
Smith, Ralph G.	*590	Trincao, Carlos	370		
Smith, Verna	*888	Truant, J.	372	Yaffe, Charles D.	*923
Solon, Jerry	*646, * *985	Tuteur, Werner	*345	Yaglou, Constantin P.	277
Spink, Wesley W.	295			Youland, Dorothy M.	1207
Spitzzy, K. H.	373	Usher, Glenn S.	*417	Young, Alan N.	810
Stamm, D. D.	*719			Young, Charlotte M.	*487
Stedman, R. L.	*1057	Vandow, Jules E.	*381	Young, Robert F.	*1065
Steere, A. C.	*217, *767	Van Riper, Hart E.	288		
Stephens, Wade N.	807	Van Steenwyk, E. A.	1211	Zarefsky, Joseph L.	296
Stewart, Lenoir B.	238	Vaughan, Henry F.	257, 299	Zimmerer, Edmund G.	**495
Stewart, William H.	*849	Vavra, Catherine E.	*351	Zimmermann, W. J.	294
Stocklen, Joseph B.	291, 907	Verhoestraete, Louis J.	264	Zipkin, I.	*767
Streitfield, Murray M.	*745	Von Zuben, J.	1239	Zubirán, Salvador	319
Struxness, Edward G.	303	Vorhes, Frank A., Jr.	*571	Zukel, William J.	*425

*Public Health Reports*, published since 1878 under the authority of an act of Congress of April 29 of that year, is issued monthly by the Public Health Service pursuant to the following authority of law: United States Code, title 42, sections 241, 245, 247; title 44, section 220. The printing of this publication has been approved by the Director of the Budget, September 17, 1954.

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. Index price 20 cents (single copy). Subscription price to *Public Health Reports*, including Index, \$4.25 a year; 75 cents additional for foreign mailing. Single copies vary in price.

U. S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE  
WASHINGTON 25, D. C.

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF H. E. W

OFFICIAL BUSINESS

If you do not desire to continue receiving this publication, please CHECK HERE ☐;  
tear off this label and return it to the above address. Your name will then be  
promptly removed from the appropriate mailing list.

