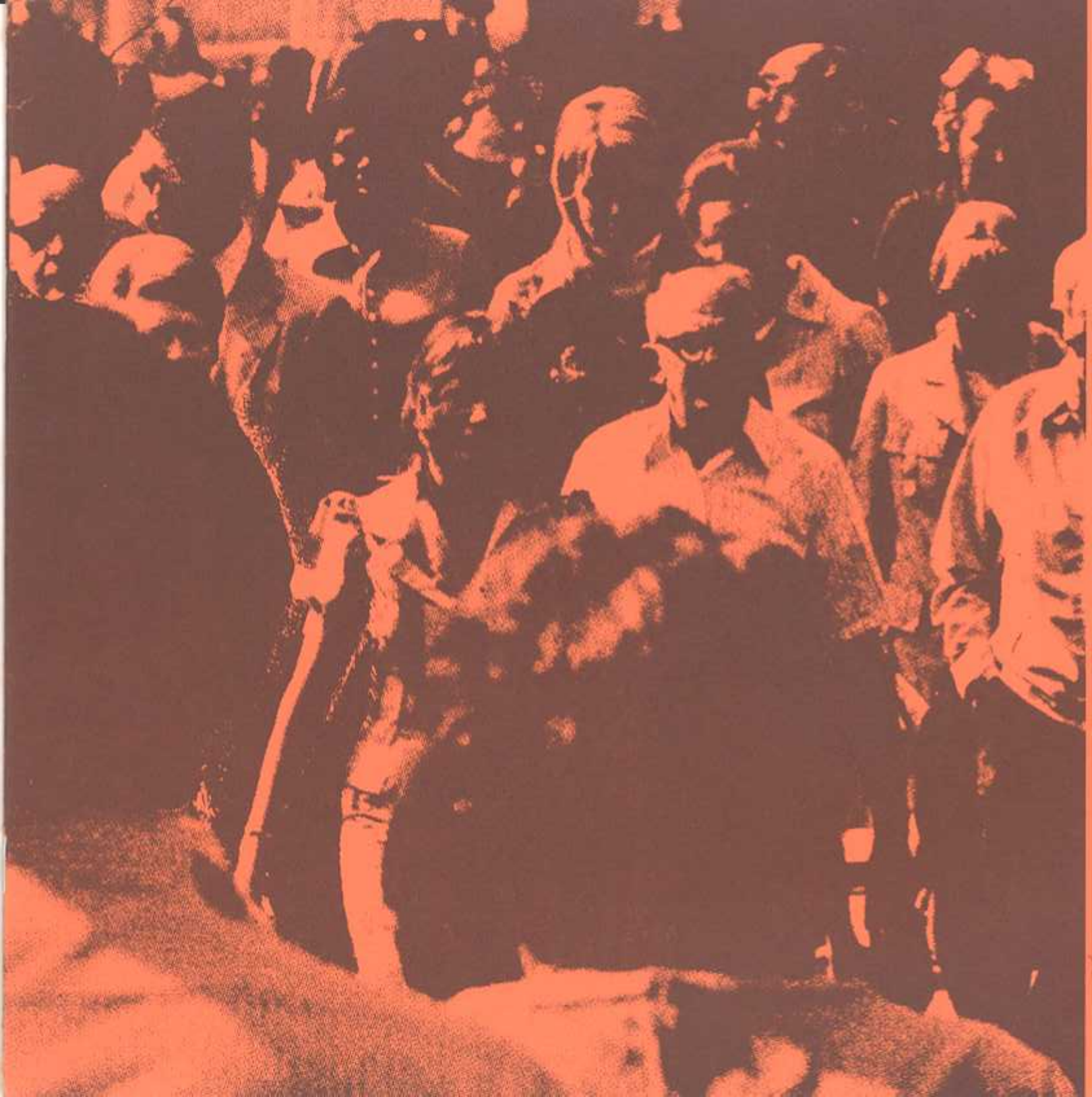


**COOK COUNTY
DEPARTMENT OF PUBLIC HEALTH**



SOME FACTS ABOUT THE COOK COUNTY DEPARTMENT OF PUBLIC HEALTH

- CCDPH is the official agency of county government concerned with the protection of all citizens against preventable sickness, disability and death caused by unsanitary conditions and failure to apply present public health knowledge and practice to community living.

- CCDPH was the first county in Illinois to provide for public health protection of its citizens. It was established in July, 1940, by unanimous resolution of the Cook County Board of Commissioners.

- CCDPH staff is composed of community health specialists and clerical workers who devote full-time to health department activities. The professional staff is required to meet education and experience qualifications established by the Illinois Department of Public Health.

- CCDPH has jurisdiction throughout the entire suburban area, except municipalities that maintain full-time health departments as defined by the State Health Department.

- CCDPH services are administered through nine major divisions: Administration; Preventive Medicine and Epidemiology; Dental Health; Maternal and Child Health; Public Health Nursing; Nutrition; Education and Information; Environmental Health, and Vital Statistics. The Director is the Chief Medical Officer, and is appointed by the President of the Cook County Board of Commissioners.

SERVICES

- FAMILY HEALTH
- SCHOOL HEALTH
- HOME HEALTH CARE
- NUTRITION
- CHRONIC ILLNESS
- COMMUNICABLE DISEASE CONTROL
- VENEREAL DISEASE CONTROL
- TUBERCULOSIS CONTROL
- DENTAL HEALTH
- PUBLIC HEALTH EDUCATION
- ENVIRONMENTAL HEALTH
- BIRTH AND DEATH REGISTRATION





IMMUNIZED IS BETTER

In suburban Cook County significant strides have been made in the past twenty years in the control of communicable disease . . . polio, tetanus, diphtheria, whooping cough. Only measles has continued to resist control efforts.

A major red measles outbreak occurred in the suburbs despite warnings to parents to obtain immunization for preschool and school age youngsters. Analysis of cases revealed that the majority of children catching measles had not been immunized, or had received measles vaccine before their first birthday. Mass media messages stressed that children who have not received measles vaccine or who received it before their first birthday should be immunized as soon as possible.

To curb the outbreak, seven mass immunization clinics were held throughout the suburban area. These were in addition to the 12 monthly on-going clinics held throughout the year.



Over 3000 lined up for shots at special immunization clinic in North suburban area.



Vaccines put in ice chest for distribution to clinics.



Volunteer registers children accompanied by parent.



Volunteer gives direction at clinic.



Volunteer swabs arm before injection.

AN EPIDEMIC

An outbreak of St. Louis-type Encephalitis (SLE) occurred in the summer of 1975 in suburban Cook County. Half of the nearly 600 cases that were reported in Illinois occurred in Chicago and suburban Cook County where there had never before been any known cases of St. Louis Encephalitis. This epidemic struck hardest in the southwestern suburbs of Evergreen Park and Oak Lawn. Previous outbreaks of encephalitis in Illinois have been confined to small areas in the southern part of the state. The virus, which causes an inflammatory brain disease, is carried by birds and is transmitted to humans by mosquitoes which have bitten infected birds.

When it became apparent that SLE was becoming epidemic, the CCDPH mobilized its staff of physicians, sanitary engineers, sanitarians and epidemiologists to take an active role in surveillance and prevention of the disease. They worked long hours in cooperation with the staff of the state health department to establish the location and the geographic clustering of the disease. Hospitals were contacted on a daily basis to confirm diagnosed and suspected cases of SLE. Clinical and demographic data as well as travel histories were obtained on each case. This information was shared between districts to target the location of mosquitoes. Once a location was identified, the appropriate mosquito abatement district was notified to spray the area. This was accomplished through the use of trucks and helicopters.

The CCDPH served as a source of public information to concerned citizens calling in to request information on SLE and precautionary measures to take to avoid mosquito bites. Information included: removing sources of stagnant water where mosquitoes may breed, the use of repellants while outside during evening hours, and checking screens for repair. Physicians were alerted to be on the lookout for SLE cases and to send blood samples to the state laboratory for analysis.

Although no one knows as yet why the disease occurred in the northern part of the state, experts do agree more cases and deaths were prevented because of the prompt and vigorous action taken by the Illinois Department of Public Health, Cook County Department of Public Health and the mosquito control districts.

Looking for clues that may lead to the control of St. Louis-type Encephalitis, the CCDPH will spearhead a research study early in 1976 in the suburban villages of Evergreen Park and Oak Lawn. The study will be an attempt to determine the number of people who were bitten by an infected mosquito but had few or no symptoms. Selection of families to participate will be done on a scientific basis. The state health department has instituted an Early Warning System. This system will begin in early spring 1976 to coordinate state detection surveillance of SLE virus in birds and mosquitoes. It will serve as a warning to determine if expanded mosquito abatement activities are necessary.



Light trap set to capture mosquito specimens.



Bird caught in fish net to collect blood sample for lab analysis.



Spraying mosquito breeding grounds to control SLE.



Drawing blood from bird for lab examination for SLE.



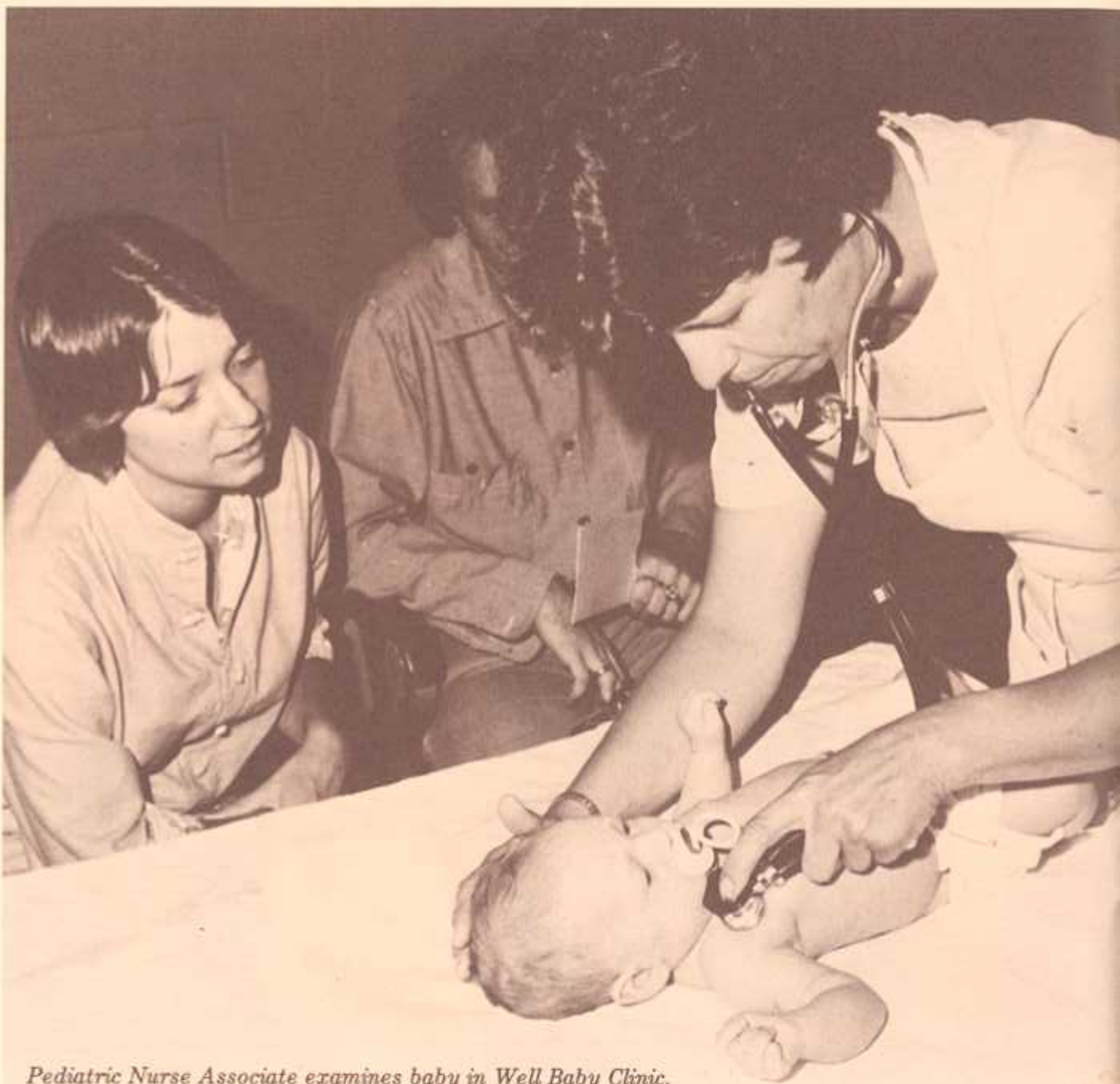
THE VERY YOUNG

The position of Pediatric Nurse Associate has been newly created within the Department and is an important extension of the public health nursing role. Working within the Division of Nursing and under the preceptorship of a physician, the Chief of Maternal and Child Health, the Pediatric Nurse Associate provides physical examination, immunization and health management of well children attending Department sponsored Well Baby Clinics. Parents are given an opportunity to discuss the growth and development of their child and express any concerns they may have.

At the present time four Well Baby Clinics in the South and Southwest Districts are being served by the Pediatric Nurse Associate.

In addition to providing direct service in the Well Baby Clinic setting, this nurse assists in developing the skills of the nursing staff in the area of child health through consultation and staff education.

With the addition of this new staff member the Cook County Department of Public Health has been able to increase services to the residents of the county.



Pediatric Nurse Associate examines baby in Well Baby Clinic.

A MAJOR CONCERN

CCDPH is certified as a Medicare agency. Under physicians' orders, nurses give service to all home-bound patients requiring intermittent skilled nursing care and physical therapy services. The purpose of the visits is to provide care, teach the family in prevention and remedial care in order for patients to attain a level of independence within the framework of their disability.

One area of emphasis for the nutritionists has been the 15,000 elderly who reside in long term care facilities. The staff has made a commitment to give assistance and guidance to these facilities in an effort to upgrade the quality of care to the elderly.

Review of the dining room procedures and kitchen operation as well as food preparation and planning is made. An effort is made to give pertinent consultation and advice on how to help a resident eat a greater amount of food or how to re-equip a kitchen.

Tuberculosis in aged persons is an important concern of the health department. A series of three regional workshops on "Tuberculosis in Nursing Homes" were planned by the Chicago Lung Association and the CCDPH for administrators, medical directors and inservice educators of nursing and convalescent care facilities in the suburbs. The workshops were geared to the latest concepts in the field of TB treatment and control as well as recent changes in the regulations concerning TB.



Patient welcomes visit of public health nurse.

On a home visit nurse checks blood pressure.



Helping senior citizens in a nursing home cope with nutritional needs.



THE ENVIRONMENT

Environmental health continues to be a high priority in the health department programs....public and private water supplies, nuisance control, private sewage disposal, lead detection surveys, and insect and rodent control.

Through an Illinois Department of Public Health grant four students were hired for the summer of '75 to aid in swimming pool inspections and environmental control. These students were also used for Forest Preserve well sampling; particularly, where youth camps are located.

In December an additional four people were hired to survey all food handling establishments in the suburban area....to pinpoint location and type of facility. Food handling inspections are not part of the survey. It is expected this survey will be completed by July, 1976.





Checking chemical water quality of swimming pool.



Environmental health inspector discusses with pool operator proper procedures for chemical testing of swimming pool.



Reviewing techniques in restaurant inspection program.

ENVIRONMENTAL HEALTH SERVICES

Swimming Pools Inspected	1000
Private	50
Indoor	270
Outdoor	680
Private plans approved	25
Public plans approved	7
Swimming Pool analyses reported	1000
Septic Tank and Seepage System Applications	
Processed	400
Approvals	151
Tourist and Trailer parks	
Licensed and inspected	85
Motels inspected	29
Nuisance complaints	
Received	603
Investigations	1,480
FHA evaluations	120
Migrant Labor Camps Visited	5
Lake and Stream Pollution Investigations	230
Public Water Treatment Plant Inspections	
Visits to water supplies	60
Subdivisions	
Approvals	4
Food Service Establishments	
Inspected	590
Licensed	195
Solid waste disposal sites inspected	30
Private water analyses reported	2900
Rodent control investigations	79
Hospital visits	8
Sewage Treatment Plant Inspections	160
Child Welfare Institution Visits	10
Private wells inspected	410

ALLIANCES FOR HEALTH

Gaps in health services are bridged when private agencies and the public health department join hands in developing health service programs. In 1975 this kind of alliance led to the development of a V.D. clinic, a dental clinic and a physical examination program for children of low income families.

DENTAL CLINIC

The clinic is located at Westlake Hospital with the hospital providing clinic space and volunteers, Proviso Township Revenue Sharing office supplying the dental and office equipment, and the CCDPH providing the dentist who operates the clinic.

V.D. CLINICS

CCDPH operates VD Clinics at Westlake and St. James Hospitals. The hospitals provide the clinic space, laboratory services and volunteers to assist.

PHYSICAL EXAMINATIONS

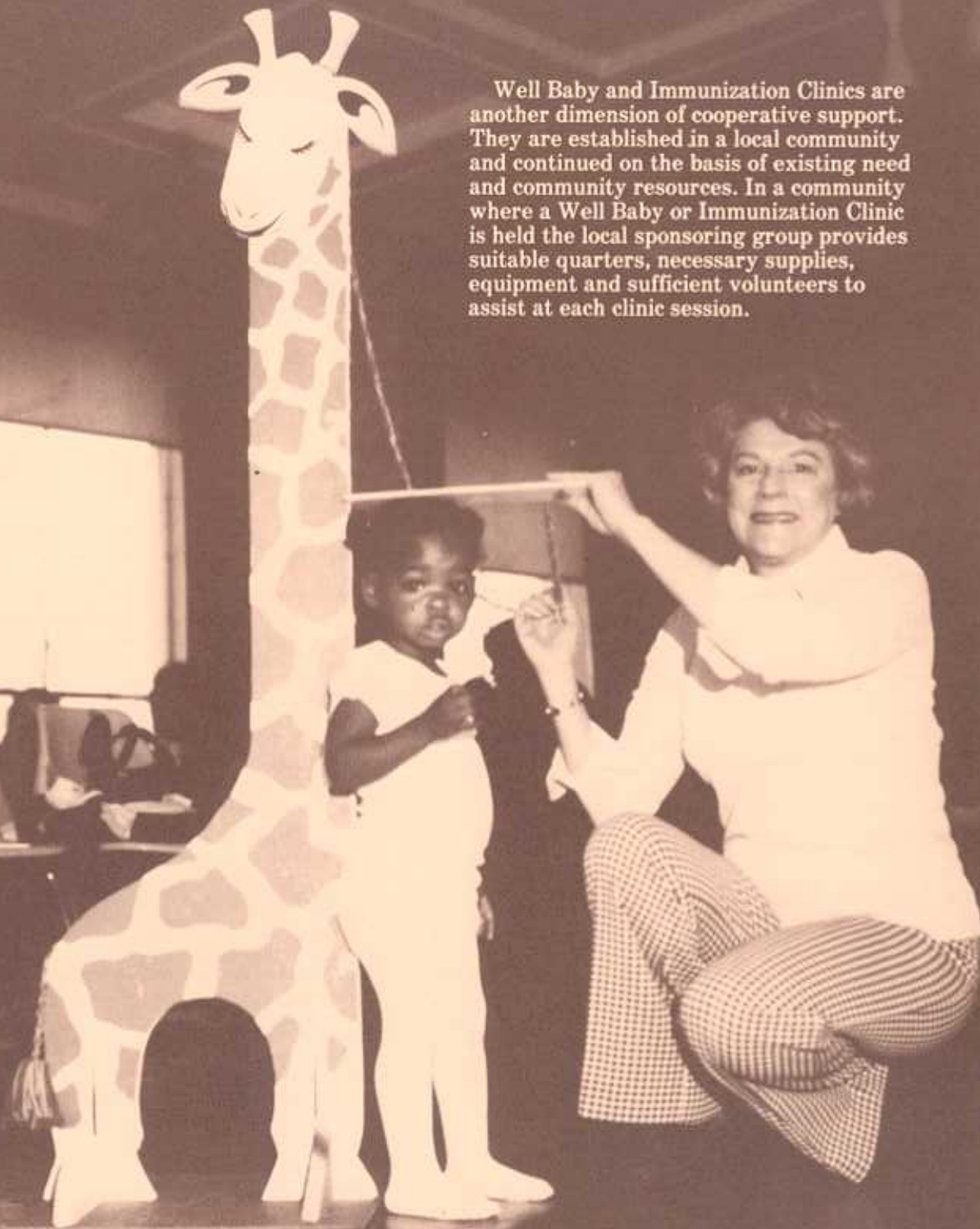
Physical examinations were given to 300 school children through a cooperative program developed between north area Cook County schools and four community hospitals. Each program operated differently and represents the concern of each hospital for the community. This program was initiated and is coordinated by the Health Department health education staff.



Volunteer assists in the Dental Clinic.



Physician examines school age child.



Well Baby and Immunization Clinics are another dimension of cooperative support. They are established in a local community and continued on the basis of existing need and community resources. In a community where a Well Baby or Immunization Clinic is held the local sponsoring group provides suitable quarters, necessary supplies, equipment and sufficient volunteers to assist at each clinic session.

Budget

	1975
County of Cook.....	\$1,783,358
State of Illinois Department of Public Health.....	543,000
U.S. Department of Health Education and Welfare.....	36,900
Illinois Family Planning Council, Inc.	43,578
Total.....	<u>\$2,406,836</u>

ADMINISTRATIVE STAFF

- Administration**
 DirectorJohn B. Hall, M.D., M.P.H.
 Admin. AssistantJoseph J. McClowry
- Preventive Medicine and Epidemiology**
 ChiefColette Rasmussen, M.D., M.P.H.
- Maternal and Child Health**
 ChiefNan Koh, M.D., M.P.H.
- Public Health Nursing**
 ChiefElaine Nemoto, R.N., M.A.
- Education and Information**
 ChiefIrene A. Fahey, M.P.H.
- Nutrition**
 ChiefMyrtle Meritt, M.S.
- Dental Health**
 ChiefSeymour Gould, D.D.S.
- Environmental Health**
 ChiefRobert R. deJonge, B.S., R.P.E.
- Vital Statistics**
 ChiefJessie Pierson

OUR CONCERN PEOPLE

(An Annual Report - 1975)

**COOK COUNTY
 DEPARTMENT OF PUBLIC HEALTH**
 Edited and Distributed by
 Division of Education and Information

PICTURE CREDITS:
 Chicago Lung Association
 Cook County Highway Department
 Holy Family Hospital
 Illinois Department of Public
 Health
 Paddock Publications, Inc.
 South Cook County
 Mosquito Abatement District

DESIGNER
 Sam Kuraishi

SERVICES TO PEOPLE - 1975

PEOPLE

1,948,796

POPULATION	1,975,691*
Live Births	
Total	28,322
Hospital births	27,408
Non-hospital births	914

Deaths

All ages	17,004
Total Infants	432
Under 28 days	328

*CCDPH jurisdiction

U.S. Bureau of the Census July 1, 1973 (Estimate)

NURSING SERVICES

Person admitted to service (new)	2,506
Visits to individuals	30,672
Home care visits	16,406
Families served	3,670

SCHOOL HEALTH SERVICES (1974-1975)

Total number of schools	810
Service given to:	
Public	12
Enrollment	3,317
Parochial	109
Enrollment	36,312
Hearing Conservation Program	
Screening	32,646
Re-screening	3,046
Referrals	337
Pre-school screening	3,077
Pre-school re-screening	296
Pre-school referrals	53
Vision Conservation Program	
Screening	35,584
Referrals	1,851
Pre-school screening	35
Pre-school referrals	5
Visits through School Health program	1,120

RHEUMATIC FEVER

Total active cases in registry	891
Carried from 1974	816
New admissions	75

CLINIC SERVICES

Dental Clinics

Sessions per year	447
Locations	16
Children registered	2,682
Visits to clinics	9,823

Family Planning Clinics

Sessions per year	75
Locations	2
Patients examined	4,055

Immunization Clinics

Sessions per year	83
Locations	10
Visits to clinics	11,935
Immunizations administered	17,766

Maternal Clinics

Sessions per year	38
Locations	2
Visits to clinic	664
Pregnant women registered	170

Otologic Clinics

Sessions per year	7
Persons examined	129

VD Clinics

Sessions per year	150
Persons examined	2,773
Female culture tests (from all sources)	47,330

Well Baby Clinics

Sessions per year	215
Locations	15
Children registered	1,277
Under 1 year	757
1 to 4 years	520
Visits	4,901
Under 1 year	1,974
1 to 4 years	2,927
Immunizations administered	5,742

ACCIDENTAL POISONING

(Children 12 years of age and under)

Poison control centers located in hospitals	9
Accidental poisoning	465

TUBERCULOSIS

Active cases under investigation	237
Visits to diagnosed cases and contacts	717

VITAL RECORDS FILED

Total	21,258
Live Births	12,850
Deaths	8,277
Fetal Deaths	131




SELECTED REPORTED DISEASES

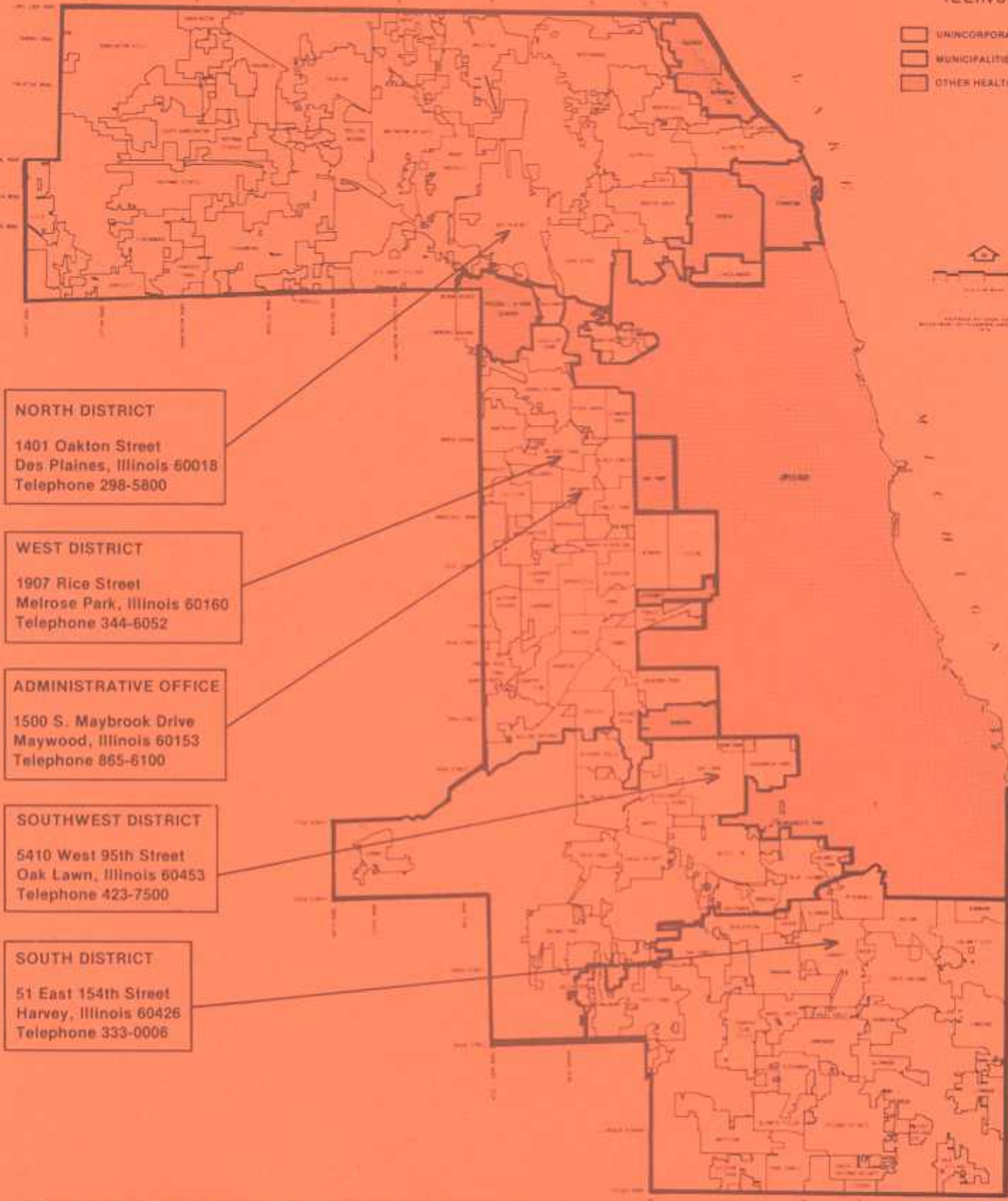
Chicken pox	1,353
Encephalitis	24
Encephalitis St. Louis-type	273
Hepatitis (all types)	446
Malaria	7
Measles	145
Meningitis (all types)	103
Mumps	249
Rubella (German measles)	101
Salmonellosis	211
Shigellosis	124
Streptococcal disease	1,838
Trichinosis	7
Typhoid fever	1
Venereal diseases	3,620
Syphilis	297
Gonorrhea	3,323
Whooping cough	1
Animal bites reported	7,106
Animals positive for rabies	4

TEN LEADING CAUSES OF DEATH

1. Heart Disease	7,182
2. Cancer	3,712
3. Vascular lesions of central nervous system	1,616
4. All accidents	705
Motor vehicle	320
Other accidents	385
5. Pneumonia	384
6. Congenital malformations and diseases of early infancy	363
7. Other Circulatory	324
8. Diabetes	305
9. Cirrhosis of Liver	276
10. General arteriosclerosis	252

COOK COUNTY 1976 ILLINOIS

-  UNINCORPORATED AREA
-  MUNICIPALITIES
-  OTHER HEALTH JURISDICTIONS



NORTH DISTRICT
1401 Oakton Street
Des Plaines, Illinois 60018
Telephone 298-5800

WEST DISTRICT
1907 Rice Street
Melrose Park, Illinois 60160
Telephone 344-6052

ADMINISTRATIVE OFFICE
1500 S. Maybrook Drive
Maywood, Illinois 60153
Telephone 865-6100

SOUTHWEST DISTRICT
5410 West 95th Street
Oak Lawn, Illinois 60453
Telephone 423-7500

SOUTH DISTRICT
51 East 154th Street
Harvey, Illinois 60426
Telephone 333-0006

COOK COUNTY BOARD OF HEALTH

George W. Dunne, *President*

Mathew W. Bieszczat

Charles S. Bonk

Mildred Casey

Frank W. Chesrow

Floyd T. Fulle*

Carl R. Hansen

Irene C. Hernandez

Jerome Huppert

Ronald R. Larson

Mary M. McDonald

Ruby Ryan

John H. Stroger, Jr.

Martin Tuchow

Harold L. Tyrrell

Joseph I. Woods

*Resigned

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