

**VERMILION COUNTY
HEALTH DEPARTMENT**

Robert P. Carnwell



1985-1986

20th

ANNUAL REPORT



Vermilion County Health Department

STEPHEN LAKER, R. S.
Public Health Administrator

COUNTY SERVICES BUILDING
Tilton-Catlin Road
R.R. 1 - Box 12B
Danville, Illinois 61832
Phone 217-431-2662

To The Citizens of Vermilion County:

The Vermilion County Board of Health and the staff of the Vermilion County Health Department are very proud of the services we provided during the 1985-1986 report year. We again welcome this opportunity to summarize our activities, document our fiscal status and report the types and total numbers of public health services which we provided during the past year. We provide these vital services to promote and protect the public health of all the citizens of Vermilion County, Illinois.

The achievements and service statistics detailed in this report were made possible by the dedicated work of our staff and the active support provided by the many individual citizens, service volunteers, service organizations and other social service agencies. We are very grateful for the special \$3600.00 grant from Danville Area United Way which was utilized by the Junior Service Club to purchase 1200 doses of HIB vaccine for utilization in the Well Baby Clinics and our standing immunization clinics.

Special thanks must be extended to the Vermilion County Board for their legislative and fiscal support during 1986. During our 1986 fiscal year, we developed and implemented our local Infant Mortality Reduction Initiative/9 By '90 projects which required numerous budget amendments to develop and implement our Lead Agency administrative unit and the community network services. At the start of our 1986 fiscal year, we only had \$460,000 in projected grant income. At the start of our 1987 fiscal year, our projected grant income stood at \$980,000. The County Board's willingness to consider and approve these necessary budget amendments indicates their awareness and concern of the factors which contribute to our excessive infant mortality rate.

Sincerely,

Stephen Laker, B.S.
Public Health Administrator

RECEIVED
JUL 23 1987
HELEN K. CORNWELL
COUNTY AUDITOR

CURRENT BOARD OF HEALTH MEMBERS

Norma Laurence, R.N.	President	Danville, Illinois
F. Wendell Smith	Vice-President	Alvin, Illinois
Edward Warren, M.D.	Secretary	Oakwood, Illinois
Michael Lomax, M.D.		Danville, Illinois
Hugh Henderson, D.D.S.		Georgetown, Illinois
Palmalea Taylor, R.N.		Danville, Illinois
Myrtle Stanton, L.P.N.		Danville, Illinois
Mary K. "Cassie" Hile	County Board Member	Danville, Illinois
Catherine List		Georgetown, Illinois
Kay Banta, R.N.		Ridgefarm, Illinois
Charles Morgan		Hoopeston, Illinois

VERMILION COUNTY HEALTH DEPARTMENT STAFF *

Administrative

Stephen Laker, B.S. Public Health Administrator
Barbara Thornsborough Administrative Assistant

Personal Services

Anita Hurliman, R.N.	Supervising Nurse	
Kay Chacon, R.N.	Nurse Coordinator	TB/Communicable Disease/ Immunization
Carol M. Newman, R.N.	Nurse Coordinator	Child Health
Kathy Pickens, R.N.	Nurse Coordinator	STD/Family Planning
Patt Grider, R.N.	Staff Nurse	Home Health Service
Jackie Johnson, R.N.	Nurse Coordinator	Home Health Service
Luanne Kees, R.N.	Staff Nurse (PT 50%)	Home Health Service
Patricia Wright	Home Health Aide	Home Health Service
Gladys Hart, B.A., R.N.	Nurse Coordinator	Community Care/Case Coordination Unit
Marilyn Stutsman, R.N.	Staff Nurse	Chronic Disease/Jail Nursing
Helen Kaufmann, B.A., R.N.	Staff Nurse (50%-Seasonal)	Migrant Health
Lucinda Huffman	Vision & Hearing Tech. (40%)	Vision & Hearing
Charlene Shields, B.S.N., R.N.	Nurse Coordinator	Prenatal/Parents Too Soon
Marita Smith, M.S.W.	Social Worker	Family Planning
Darla Burgoyne, B.S.	Health Educator	Family Planning
Howard Baker, B.S.	Associate Health Educator	Family Planning
Kayann Wagner, R.N.	Staff Nurse	STD/Family Planning
Lynn Galloway, R.N.	Staff Nurse	Family Planning
Bonnie Emory, R.N.	Staff Nurse	Family Planning
Mildred Dye	Clinic Aide	STD/Family Planning
Dianne Birky, B.S.	Nutritionist	W.I.C.
Dawn Campbell, B.S.	Associate Nutritionist (60%)	W.I.C.
Gale Fetters, B.S.	Associate Nutritionist	W.I.C.
Sherrie Shoemaker, R.N.	Staff Nurse	W.I.C.
Shirley Hicks, B.S.	W.I.C. Coordinator	W.I.C.
Carol Johnson, M.S.Ed.	Assoc. Nutr. Ed. (60%)	W.I.C.
Julie Enos	Clerk II	W.I.C.
Shirley Knee	Clerk II	W.I.C.
Marilyn Sanders	Clerk I	W.I.C.
Laura Cox	Clerk I	W.I.C.
Beverly Kelton, B.S.	Program Coordinator	I.M.R.I./9 By '90
Annabelle Mann, R.N.	Staff Nurse	I.M.R.I./9 By '90
Margaret Hunter	Account Clerk II	I.M.R.I./9 By '90

Organizational Support/Clerical

Lori Block	Secretary/Stenographer	
Janet Dowers	Account Clerk II	
Constance Norbut	Account Clerk II	
Mary Huff	Clerk II	Family Planning
Jerri High	Clerk/Receptionist	

Environmental Health Services

Kolby Riggle, B.S.	Director of Environmental Health
Thomas Bracewell, A.S.	Sanitarian II, Supervisor
Steven Spurlock, B.S.	Sanitarian I

Tuberculosis Clinic

Charles Shelby, R.T.	Director	TB Clinical Services
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PROGRAM SYNOPSIS, HIGHLIGHTS AND SERVICE STATISTICS*

On March 4, 1986, the Illinois Department of Public Health conducted its Program Review of the Vermilion County Health Department to evaluate our ten (10) required public health programs and performance in accordance with the Program Standards for Local Health Departments in Illinois. The next Illinois Department of Public Health program review is scheduled for February, 1988.

The 1986 program review documented the Vermilion County Health Department's compliance with the Program Standards for all ten (10) required public health programs for the third consecutive time in the eighteen (18) year history of the Vermilion County Health Department.

Administrative and Organizational Support - Required Program/Approved

The administrative division is responsible and accountable for the overall operation and management of the Vermilion County Health Department and all of its programs and services. The responsibilities of the administrative division includes budget preparation, fiscal management, grant applications, program priorities, policies and procedures, as well as supervising all personnel, program activities and record maintenance.

Vital Records

Effective June 1, 1983, Stephen Laker, Public Health Administrator of the Vermilion County Health Department, was, upon his request, officially appointed the Local Registrar for vital records by the Director of the Illinois Department of Public Health. Consequently, the Vermilion County Health Department assumed primary responsibility for registration of all births and deaths which occur in Vermilion County, Illinois. Prior to June 1, 1983, the Danville Commissioner of Health and Safety was the Local Registrar for vital records.

As the Local Registrar's office, the Vermilion County Health Department must oversee the activities of one subregistrar office and several deputy registrars. The Vermilion County Health Department is also authorized to provide certified copies of birth and death certificates which are recorded and filed at the Vermilion County Health Department. The subregistrar's office in Georgetown (Judy Sawyer, City Clerk) may also issue certified copies of death and/or birth records during the 24 hours they are in her possession.

The Vermilion County Health Department only has birth and death certificates which were recorded and filed after June 1, 1983. Certified copies for all birth and death certificates which were recorded prior to June 1, 1983, may only be obtained from the County Clerk's Office at the Vermilion County Courthouse Annex.

*All service statistics reported are for a one (1) year period: December 1, 1985 through November 30, 1986 - unless otherwise noted.

The current fee for obtaining certified copies is listed below:

*Record search and first or initial certified copy: \$5.00
 All subsequent certified copies (per request): \$2.00

<u>Vital Record Service Statistics</u>	Calendar Years		
	1984	1985	1986
Death Certificates Recorded & Filed:	1236	1313	1295
Certified Copies Provided Upon Request:	6187	6472	8079
Birth Certificates Recorded & Filed:	1418	1390	1379
Certified Copies Provided Upon Request:	10	29	26
Total Services:	8851	9204	10779
Total Fees Generated for Certified Copies:	\$15,214	\$15,896	\$17,211
Filing Fees Authorized by IDPH @ \$1 Each:	2,654	2,703	2,674
Total Income:	\$17,868	\$18,599	\$19,885

Home Health Services

The Home Health Service program provides skilled nursing care, home health aide and contractual physical therapy services to homebound persons in their residences throughout Vermilion County, Illinois. Effective June 1, 1984, a full charge fee schedule was initiated. The current maximum fees per visit is listed below:

Skilled Nursing: \$54.00/visit
 Home Health Aide: \$26.00/visit

The fee and/or charge per patient visit is determined by reviewing income information provided by the private pay patient on a required Fee Determination Form which is utilized to document whether or not they are indigent.

All third party payers such as Medicare, Medicaid, non-indigent persons, and private insurance companies are billed at the maximum rate per visit on the full charge schedule. The maximum rate per visit is based on the actual cost per home health service/visit as determined by our required Annual Medicare Cost Report.

*Fee authorized by the Illinois Department of Public Health to the Local Registrar for each birth and death certificate that is filed in Vermilion County.

Uncollected private patient fees and non-billed charges to persons documented to be indigent are charged to and offset by a \$31,000 grant from the Danville Area United Way. The United Way grant is administered and disbursed by the Child Welfare and Visiting Nurses Association Board. The V.N.A. Board also serves as the Professional Advisory Committee for the Vermilion County Health Department's Home Health Services/Agency.

Skilled Nursing Service Statistics

	<u>Visits</u>
Medicare Plan A	1039
IDPA/Medicaid	3
American Cancer Society	0
Patient Pay & Indigent	566
Home Health Aide Supervisory	<u>93</u>
Total:	1701

Home Health Aide Service Statistics

Medicare Plan A	361
Patient Pay & Indigent	316
IDPA/Medicaid	0
American Cancer Society	<u>0</u>
Total:	677

Case Coordination Unit for the Title XX Community Care Services

During May of 1983, the Vermilion County Health Department was officially designated by the East Central Illinois Area Agency on Aging as the Case Coordination Unit for Community Care clients and service vendors in Vermilion County. The case coordination services are funded by supplemental funding awards and agreements with E.C.I.A.A.A., Illinois Department on Aging and the Illinois Department of Public Aid for services provided by the Vermilion County Health Department Case Coordination Unit service staff. The Vermilion County Health Department Case Coordination Unit service program was initiated on July 15, 1983.

The services provided by the Case Coordination Unit under supplemental funding agreements include initial assessments to determine client needs and eligibility, required or requested periodic reassessments and nursing home prescreenings.

CCU Service Statistics - October 1, 1985 to September 30, 1986 (grant fiscal year)

Client Assessments	117
Client Reassessments	77
Prescreenings for Medicaid Reimbursed Nursing	
Home Placement (CCU and Hospitals)	192

Chronic Disease/Elderly Health Care - Required Program/Approved

Our Elderly Health Care program currently consists of a part-time nurse (800 hours per year) who provides free of charge, multi-phase medical screening, information and referral to persons over the age of 60 at 30 sites located throughout Vermilion County. Some of the sites are Senior Adult Meal Sites, while other sites are village senior citizen centers or senior citizen housing developments. The same nurse provides outreach services to assess the health needs of isolated elderly persons in Vermilion County and provide follow-up hypertension assessment in the patient's own home.

The Chronic Disease Clinic provides multi-phase disease screening and education regarding chronic disease free of charge to the citizens of Vermilion County regardless of their age. The Chronic Disease Clinic started providing services in February, 1981. The Chronic Disease Clinic is scheduled from 1-3 P.M. on the fourth Monday of every month. During May of 1984, we started a worksite chronic disease screening clinic at the Public Safety Building.

In 1986, the United States Post Office (Danville branch) requested the Vermilion County Health Department's assistance in the completion of yearly employee physicals. The employee must complete a physical and have their blood pressure checked by a registered nurse before being issued a new driver's license to operate the postal vehicles.

<u>Chronic Disease Clinic Service Statistics</u>	<u>1985</u>	<u>1986</u>
Total Persons Screened & Counseled at Public Safety Building (not unduplicated):	89	128
Total Persons Screened and Counseled at Vermilion County Health Department (not unduplicated):	<u>88</u>	<u>102</u>
Total:	177	230

<u>Elderly Health Care Statistics</u>		
Persons Screened (not unduplicated):	5740	5428
Outreach Visits:	<u>48</u>	<u>22</u>
Total:	5788	5450

Jail Health Service Program - Optional Program/Approved by the Illinois Department of Correction

At the request of the Public Safety Committee of the Vermilion County Board, the Vermilion County Health Department researched and planned the development of a Jail Health Nursing program as a component of a complete medical service program during the months of March to May, 1982.

The Jail Health Services program was planned and developed with the complete cooperation and assistance of the Vermilion County Sheriff's Department and correctional staff of the Public Safety Building.

The Vermilion County Health Department actually started to deliver nursing services as a component of a well organized, scheduled and staffed Jail Health Services program during June of 1982. The Jail Health Services program is designed to provide basic health screening, physical assessment, medication administration and record maintenance services as required by the Illinois Department of Correction. The Jail Health Services program was approved and recognized as in compliance with the Illinois Department of Correction Standards for Local Correctional Facilities during their annual inspections in 1982, 1983, 1984, 1985 and 1986.

Initially, the Vermilion County Health Department provided scheduled nursing services including initial physical examinations, sick call, medication set-up and record maintenance at the Public Safety Building for two hours on Mondays, Wednesdays and Fridays. However, during October of 1983, the Vermilion County Health Department increased the hours of skilled nursing services provided to the jail from two to four hours to meet the increased demand for services caused by the contract with the Illinois Department of Correction to incarcerated persons at the Vermilion County Jail.

In addition to the nursing services listed, the Vermilion County Sheriff's Department has a contractual agreement with a local physician to provide supervisory, consultative and medical services to Public Safety Building inmates.

Jail Health Service Statistics - By 1983 - 1986 Calendar Years

	VCHD RN				Medical Doctor			
	1983	1984	1985	1986	1983	1984	1985	1986
Scheduled Inmate Sick Call:	799	894	1064	1000	64	205	161	122
Inmate Physicals:	153	129	128	88	13	7	0	0
TB Tests:	25	48	87	62				
Medication Administration Set-ups:	3356	8223	12276	14163				
Referrals:								
Mental Health:	0	0	2	7				
TB:	3	3	1	2				
STD:	7	41	40	33				
Dental:	n/a	23	29	21				
Prenatal:	n/a	4	0	3				
Total Units of Service:	4343	9365	13627	15379	77	212	161	122
Total Visits to Jail:	126	148	145	139	21	37	31	29

Maternal Health and Family Planning - Required Program/Approved

The primary objective of this program is to assure women of childbearing age the optimum chance for wanted pregnancies and the successful outcome of pregnancies and adequate preparation for the motherhood role. Currently, medical examinations, pregnancy testing, contraceptive supplies and educational services are offered to all citizens on the basis of voluntary participation.

Our family planning services are subsidized by several combined grant sources including an Infant Mortality Reduction Initiative (9 By '90) grant to provide additional staff. Eligibility for subsidized services is determined on the basis of family income reported by family planning clients. The Vermilion County Health Department has a discounted fee schedule based on our costs for providing specific services and supplies. Clients are requested to pay a share of the costs of providing the services and/or supplies they receive for each visit. The grant funds subsidize these services by providing a fee-for-services reimbursement provision of services to eligible clients scaled on the individual or family relationship to the federal poverty guidelines.

The scope of our family planning services as well as the availability and accessibility of services was improved very significantly during 1986. These improvements were achieved by utilizing funding resources provided by the Illinois Infant Mortality Reduction Initiative to develop and staff an expansion of our family planning clinic services program to serve up to 3000 clients annually, to develop and implement a downtown satellite clinic facility, to hire a social worker and develop comprehensive family planning counseling services, and to employ an additional person to provide family planning education services.

Family Planning Service Statistics - Calendar Year

	1982	1983	1984	1985	1986
Initial Clinic Visits:	405	503	593	485	552
Annual Physicals:	668	741	849	986	997
Routine Medical Revisits:	133	141	186	195	280
*Contraceptive Supply Visits:	1288	1728	2007	3305	1808
Education & Counseling:	405	503	603	343	719
Pregnancy Tests:	527	652	704	767	909
Total Services Provided:	3426	4268	4942	6081	5265
Total Unduplicated Persons Served (excluding pregnancy tests):	1073	1244	1463	1471	1768

Parents Too Soon/Family Planning

A new dimension was added to our Family Planning program in August of 1983. The Vermilion County Health Department received approval for a Parents Too Soon/Family Planning grant to provide the funds necessary to employ a full time Health Educator Associate.

The primary goal of the Parents Too Soon/Family Planning program is to prevent initial adolescent pregnancies with special emphasis placed on preventing another pregnancy to adolescent females who already have one or more children.

On July 1, 1986, our Parents Too Soon/Family Planning funding was increased to allow us to employ another Health Educator Associate. This added staff has enabled us to expand and intensify our community education activities throughout Vermilion County.

Parents Too Soon/Family Planning Service Statistics

	1984	1985	1986
Educational Outreach (school & community classes):	20	33	111
Persons in Attendance:	1636	1039	1801
Additional Encounters (includes education in Family Planning Clinic):	n/a	n/a	<u>1037</u>
Total Services:			2838

*During 1986, we reduced supply visits by increasing the amount of supplies we distribute at each supply visit for client convenience.

In addition to these service statistics, our health education staff is teaching most of the required family planning educational classes in both our Family Planning and Prenatal clinics, as well as providing individual counseling to adolescents as requested.

Outreach Counseling Project

In May of 1986, the Vermilion County Health Department utilized funds provided through the Infant Mortality Reduction Initiative (9 By '90) Community Network Services grant to employ a social worker to initiate this project. The social worker provides early intervention activities through outreach psycho-social counseling.

The priority target groups for the project are adolescents in Vermilion County schools, minority groups and high risk pregnant women outside of schools.

Outreach Counseling Service Statistics

Short Term Counseling Sessions:	440
In-depth Counseling Sessions:	55
Referrals to Prenatal Project/9 By '90:	130
Problem Pregnancy Referrals:	45
Referrals to Private Physicians:	140
Referrals to Family Planning Clinic:	<u>160</u>
Total:	970

Prenatal Care Project

The Vermilion County Health Department was initially able to develop and implement a prenatal clinic as part of a Maternal and Child Health Improvement Project funded by combined federal Preventive Health Services and Maternal and Child Health block grant funds. The prenatal services were targeted towards pregnant, low income women and their infants up to one year of age.

The primary objectives of the prenatal clinic project are to improve pregnancy outcome, reduce infant mortality and improve parenting skills by offering a comprehensive range of prenatal, maternal, postpartum, pediatric, clinical and educational services with special emphasis placed on preparing pregnant adolescents for all aspects of motherhood through intensive educational activities and periodic postpartum follow-up assessment visits to their own homes.

During 1986, we utilized funds provided through our Infant Mortality Reduction Initiative/9 By '90 Community Network Services grant to expand services in this clinical service area. The 9 By '90 grant provided funds to pay for additional laboratory services and additional obstetrical deliveries. We were also able to implement classes for the Creasy method of preterm labor determination.

Prenatal Clinic Service Statistics - Calendar Year

	1983	1984	1985	1986
Total Clients:	152	223	305	365
Pregnant Women	110	122	214	222*
Infants Delivered to Program				
Participants	42	101	91	143
Mothers' Ages:				
13-15 years	8	4	4	5
16-19 years	44	57	41	86
20-30 years	51	56	43	125
31+ years	7	5	6	6
Mother's Race:				
White	89	109	85	193
Black	15	11	5	17
Hispanic	2	0	1	12
Asian	0	0	0	0

Month of Initial Clinic Visit:

1st:	1	4th:	44	7th:	10
2nd:	25	5th:	39	8th:	10
3rd:	46	6th:	16	9th:	9

Total Units of Services (includes vitamin and supply distributions, class attendance, clinical visits and home visits):

1276

Infant Mortality Reduction Initiative/9 By '90 Project

The Infant Mortality Reduction Initiative is a program designed to achieve a goal of 9.0 deaths for every 1,000 live births in Illinois by the year 1990. The program is commonly referred to as "9 By '90". This objective is the same as the United States Surgeon General's objective. The target population is pregnant women and their infants to one year of age. The Vermilion County Health Department is the Lead Agency. The Lead Agency is to develop and emphasize networking, coordination and case management that will develop a comprehensive approach to the delivery of services to the high risk population in the Vermilion County area.

The "9 By '90" network for Vermilion County includes the following agencies:

Catholic Social Services: Counseling, maternity home placement, support and education for women of all ages.

Center for Children's Services: Work with women 20 years of age and under. Provide support groups, prenatal education, infant care education and counseling.

Crosspoint Human Services: This agency was formally Vermilion Mental Health and Development Center. Provide counseling, support, transportation for women 20 years of age and older.

* 200 women were enrolled during 1986.

East Central Illinois Community Action Program: Provide transportation for "9 By '90" clients to W.I.C., doctor appointments, I.D.P.A., Well Baby Clinic, etc..

Hoopeston Multi-Agency: This agency is for outreach and transporting of clients in the northern area of Vermilion County for I.M.R.I. services.

Laura Lee Fellowship House: A prevention program for teens called PACT (Peer Advocacy Counseling by Teens). Five neighborhood areas emphasize prevention and sex education.

Planned Parenthood of Champaign/Hoopeston Site: Provide family planning services to residents of northern Vermilion County.

Vermilion County Health Department:

Satellite Clinic: A clinic was opened in the Danville Township Building, 101 W. North, Danville, IL for easier access for W.I.C., Family Planning and Prenatal clinics.

Family Planning: Funds were provided to enable an additional 1,000 new clients to be served.

Prenatal: Funds were provided to pay for more obstetrical deliveries.

Social Worker: A social worker was hired to provide these services to clients and work with pregnant teenagers.

February 1, 1986 was the start-up date for the "9 By '90" program. Clients were seen beginning March 1, 1986.

IMRI/9 By '90 Service Statistics

Unduplicated Clients Served:

March 1, 1986 - December 31, 1986	796
Terminated Clients	46
Active Clients as of Dec. 31, 1986	745
Total Lead Agency Client/Case Management Services:	1572

Women, Infants and Children (W.I.C.) - Optional Program/Approved

The W.I.C. program provides high nutrient supplemental foods for pregnant and lactating women, infants and children up to the age of five years. Eligibility for the W.I.C. program is first determined by income and then must be at medical or nutritional risk as outlined by the program risk criteria. The maximum caseload was 2000 clients per month until February 1, 1986. The assigned caseload was increased to and remains at 2400 clients per month to accommodate the Infant Mortality Reduction Initiative program. Program policies currently require that all women clients and mothers of infants or child clients attend at least one nutritional education class every six months in addition to the individual counseling received at the time of certification.

WIC STATISTICS

December 1, 1985 - November 30, 1986

Month	Women	Infants	Children	Total Food Pack. Delivered	Total Participants	Referrals (from W.I.C.*)	**Persons Receiving Nutrition Education/Counseling
Dec. 85	376	494	814	1684	2202	75	547
Jan. 86	399	523	847	1769	2231	111	571
Feb.	392	555	844	1791	2176	36	554
Mar.	430	558	871	1859	2237	28	659
Apr.	417	562	870	1849	2293	21	782
May	426	582	859	1867	2285	47	665
June	418	596	863	1877	2324	53	740
July	442	627	906	1975	2396	94	727
Aug.	454	640	942	2036	2417	97	641
Sept.	465	669	970	2104	2453	174	681
Oct.	448	649	945	2042	2445	175	623
Nov.	429	632	908	1969	2376	69	569
TOTALS:	5096	7087	10639	22822	27835	830	7759

	1983	1984	1985	1986
Medical Assessments:	3849	4369	3832	4818
Nutritional Assessments:	3849	3972	3832	4818
Persons Receiving Nutritional Education & Counseling:	5249	6370	6495	7759
Referrals from W.I.C.:	363	217	177	830
Total Food Packages Delivered:	16214	21043	22182	22822
Total Units of Service:	29524	35971	36518	41047
Initial Client Certification:	1696	1648	1071	1340
Repeat Client Certification:	2153	2781	2761	3478
Total Certifications:	3849	4429	3832	4818

Appointments for W.I.C. certification clinics can be made by contacting the W.I.C. staff of the Vermilion County Health Department.

Since the Vermilion County Health Department W.I.C. program was initiated on October 1, 1976, 10,654 different persons have been certified as W.I.C. clients eligible to receive food packages.

*Referrals to both interagency and intra-agency and physicians from W.I.C. staff.

**Not unduplicated.

Racial/Ethnic Group Participation of Clients: October, 1986/Vermilion County

	Women	Infant	Children	Total
Black/not Hispanic	91/20%	129/19%	248/26%	468/22%
Hispanic	24/ 5%	37/ 6%	70/ 7%	131/ 6%
Asian	1/ 0%	2/ 0%	9/ 1%	12/ 1%
American Indian	0/ 0%	0/ 0%	1/ 0%	1/ 0%
White/not Hispanic	349/75%	501/75%	642/66%	1492/71%
Totals:	465/100%	669/100%	970/100%	2104/100%

Child Health - Required Program/Approved

The primary objective of this program is to assure children of all ages the optimum chance of successful growth, development and adequate preparation for adult roles and responsibilities. The general objective includes health and health related services for "normal" and "at risk" infants, preschool and school age through adolescent age categories.

Child Health Statistics

Well Baby Clinics (hearing screening and health counseling; activities performed by Vermilion County Health Department staff and volunteers):

	Persons Served*			
	1983	1984	1985	1986
First Presbyterian Church/Danville (sponsored by Junior Service Club)	1205	913	756	633
CAP Agency/Danville (sponsored by Junior Service Club)	637	682	519	465
Fair Oaks/Danville (sponsored by Junior Service Club)	534	508	358	262
Hoopeston	494	575	506	493
Georgetown (sponsored by Georgetown Junior Women's Club)	664	682	560	531
Totals:	3534	3360	2699	2384

	Persons Served*			
	1983	1984	1985	1986**
Anemia Screening & Health Guidance at Well Baby Clinics by VCHD Staff	910	791	441	542
High Risk Infant Follow Along Referrals	122	93	94	127

*Not unduplicated.

**Anemia screening was discontinued in 1986 and infant hearing screening was added.

	Persons Served			
	1983	1984	1985	1986
Perinatal & High Risk Infant Health Guidance (including Title XX)	202	240	99	485
Crippled Children Health Guidance	53	49	49	52
Youth Crisis Shelter Health Assessments	46	50	33	34
TB Tests at Well Baby Clinics	972	736	540	360
Child Abuse/Neglect Investigations	n/a	n/a	25	15
Totals:	2305	1959	1281	1615

Vision and Hearing Screening Program - Optional Program/Approved

The objective of our Vision and Hearing Screening program is to obtain the early identification of vision and hearing impairments in preschool and school age populations. We also provide assistance to those school districts which do not provide vision and hearing screening services. We assume responsibility for all required referrals and follow-ups at 18 preschools, 10 Vermilion Area Special Education and 18 public and parochial school sites.

Vision and Hearing Screening Service Statistics - IL Dept. Public Health Annual Report: Year Ending June 30, 1986

	1983	1984	1985	1986
Hearing Screening Tests	3967	3864	3654	3860
Rescreenings	239	246	271	251
Threshold Tests/Known Case Monitoring	172	141	108	39
Referrals to MDs or Audiologists/Referral %	80/1.5%	69/1.8%	46/1.3%	37/1.0%
Vision Screening Tests	2951	3086	3042	3523
Rescreenings	234	223	268	409
Total Referrals/Referral %	113/3.8%	81/2.6%	113/3.7%	116/3.39%
Total Units of Service	7756	7710	7502	8235

Migrant Workers Health Services - Optional Program/Approved

The Vermilion County Health Department provided public health services including health screening, family planning, vision and hearing, TB screening and immunizations to the migrant farm workers who are employed in the Hoopston area from April 15 to October 15 of each year.

Migrant Workers Health Service Statistics

	1981	1982	1983	1984	1985	1986
Migrant Census (including children):	743	701	558	531	461	477
Males:	408	395	295	280	240	250
Females:	335	306	263	251	221	222
Total Patient/Medical Encounters:	2431	1977	1674	1533	2153	2140

Sexually Transmitted Disease Clinic - Required Program/Approved

The objective of the Vermilion County Health Department Sexually Transmitted Disease program is to maintain an effective clinical program and achieve a reduction in the incidence of sexually transmitted diseases. The Vermilion County Health Department Sexually Transmitted Disease program consists of a free, confidential walk-in clinic held twice a week which provides medical screening, laboratory testing, medical treatment and follow-up for persons with venereal diseases and their sexual contacts.

Sexually Transmitted Disease Clinic Service Statistics

	Calendar Years					
	1981	1982	1983	1984	1985	1986
STD Clinic Patients Screened	984	993	918	800	745	786
Family Planning Patients Screened	944	1073	1244	1463	485*	549
Prenatal Clinic Patients Screened	n/a	n/a	190	122	94	200
Total Screened:	1928	2066	2352	2385	1324	1535
Persons Treated for STD by VCHD:	341	435	590	626	353	414
Total Services:	2269	2501	2942	3011	1677	1949
Positive Cases of Gonorrhea	250	209	279	256	224	117
Positive Cases of Syphilis	2	2	8	11	11	2
Pelvic Inflammatory Disease (PID)	n/a	n/a	12	7	6	1

Communicable Disease Control and Immunization Program - Required Program/Approved

The goal of this program is to control communicable disease preventable by immunization and other available public health techniques. This control program involves surveillance over the incidence of communicable disease and the implementation of all practical, safe and effective methods of disease prevention, whether applicable to the source environment or host.

*A screening criteria was used to reduce the number of persons tested.

Communicable Disease Control Service Statistics

Calendar Years
1982 1983 1984 1985 1986

Animal Bites Reported to VCHD by
 Vermilion County Animal Control 34 41 24 35 28

Rabies Prophylaxis (persons receiving
 treatment) 8 15 6 1 1

	<u>Reported</u>			<u>Confirmed</u>			<u>Investigated</u>		
	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>
Acquired Immune Deficiency Syndrome	0	0	2	0	0	1	0	0	2
Campylobacter*	10	28	11	10	28	11	10	28	11
Chickenpox	386	211	255	0	0	0	n/a	n/a	0
Encephalitis	0	1	1	0	0	1	0	1	1
Giardiasis*	22	24	23	22	24	23	22	24	23
Hepatitis	16	13	13	0	6	8	16	16	13
Type A*	1	3	3	1	3	3	0	0	3
Type B	0	3	3	1	3	5	0	0	5
Unspecified/Unknown	14	7	5	0	0	0	0	0	5
No. Hepatitis Case Contacts to Cases									
Who Received GG	63	5	6	0	0	0	0	0	6
Histoplasmosis	0	0	3	0	0	0	0	0	3
Legionnaires	7	0	0	5	0	0	7	0	0
Lyme Disease	0	0	1	0	0	1	0	0	1
Malaria	0	0	1	0	0	1	0	0	1
Kawasaki Disease	0	0	1	0	0	1	0	0	1
Measles	8	2	2	0	0	0	8	2	2
Ruled Out	8	2	2	0	0	0	0	2	0
Meningitis	15	13	6	12	12	6	12	13	6
Mumps	1	11	206	0	0	0	0	n/a	206
Rubella	3	2	2	0	0	1	3	2	2
Salmonella*	31	29	12	20	29	12	31	29	12
Scarlet Fever	40	26	88	0	0	0	n/a	n/a	0
Shigella*	4	0	2	3	0	2	4	0	2
Whooping Cough (Pertussis)	0	0	0	0	0	0	0	0	0
Reyes Syndrome	0	0	2	0	0	1	0	0	2
Typhoid Fever (Salmonella)*	0	0	0	0	0	0	0	0	0

*Diseases which are commonly food or water borne through fecal/oral route of infection.

1982 1983 1984 1985 1986

Reported Food or Water Borne
 Illness Totals: 70 64 68 60 51

Immunization Program

The Vermilion County Health Department Immunization program consists of regularly scheduled clinics designed primarily to provide required childhood immunizations on a large scale to preschool and school aged children in Vermilion County.

All of the immunization services provided by the Vermilion County Health Department are currently provided free of charge.

The Vermilion County Health Department provides immunizations during 21 clinics scheduled throughout the calendar year at the Vermilion County Health Department offices. A copy of the annual immunization clinic schedule is available upon request.

Vaccine Used or Distributed by the Vermilion County Health Department

	1982	1983	1984	1985	1986	Totals	5 Yr. Average
DPT	3165	3300	2982	2334	2444	14225	2845
Td	291	458	790	522	344	2405	481
Polio	2924	3544	2813	2276	2025	13582	2716
MMR	788	1518	828	637	618	4389	878
MR	22	18	12	11	2	65	13
Measles	84	51	18	16	6	175	35
Rubella	4	14	3	13	2	36	7
Mumps	1	1	0	1	465	468	94
Influenza	1676	2117	2193	2736	3042	11764	2353
*HIB					609		
Totals:	8955	11021	9639	8546	8948	47109	9422
 Rabies Vaccine/ Individuals Treated	 8	 4	 6	 0	 1	 4	
 Hepatitis Pro- phylaxis (ISG) Individuals Treated	 40	 3	 53	 3	 5	 13	

Special Influenza Immunization Program (September - October Each Year)

The Vermilion County Health Department continues to receive an Older Americans Act, Title III-B grant from the East Central Illinois Area Agency on Aging to purchase influenza vaccine for administration by local health service providers in the 16 county East Central Illinois region.

*Haemophilus Influenza Type b Vaccine (HIB). In August of 1986, the Vermilion County Health Department added HIB vaccine to the list of vaccinations available at the Well Baby Clinics staffed by our employees and at our own immunization clinics. This vaccine was made available by a special grant of \$3600.00 from the Danville Area United Way Board of Directors to the Junior Service Club.

The Vermilion County Health Department agrees to purchase, distribute and account for the utilization of the vaccine for all 16 counties. Each health service provider had to account for the administrative cost because we had to document a 15% local inkind match (expenditures for personnel services, supplies, travel, copying costs and postage/UPS) to receive the grant.

	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>
Persons Immunized in Vermilion County:	1675	1676	2117	2193	2736	3042
Total Donations:				\$1183	\$1757	\$2256
Average Donation:				54¢	64¢	74¢

Tuberculosis Dispensary

Effective December 1, 1985, the Vermilion County Board of Health and the TB Care and Treatment Board were merged by a resolution of the County Board. This action also transferred the TB tax levy to fund public health services. The TB Dispensary was absorbed into the Vermilion County Health Department as another clinical service program.

TB Clinic Service Statistics - 1986 Calendar Year

Mantoux Tests Given:

In clinic	692
Migrants	50
Well Baby Clinic	364

PPD and Monovac Materials Dispensed:

Nursing Homes	1700
Migrant Clinic	50
Pioneer Center	50
Physicians	135
Hospitals	<u>100</u>
Total:	2035

Chemotherapy:

Prophylactia	19
Active Cases	4
Pending	1

TB Physical Examinations 59

Total Xrays Taken and Read 234

In January of 1986, the Vermilion County Health Department initiated an alternative test site program to provide anonymous HIV screening and counseling for persons identified at high risk for potential exposure to Human Immunodeficiency Virus, the causitive agent for Acquired Immune Deficiency Syndrome (AIDS).

HIV Testing and Counseling Statistics

Persons Tested:	9
Pre-test Counseling:	9
Post-test Counseling:	<u>9</u>
Total Units of Service:	27
Total Results:	9 persons negative for HIV

Environmental Health Division

Environmental health is one of the major components of public health. The Environmental Health program deal with all of the factors in man's physical environment which may have a detrimental effect upon him. The primary goals of the Vermilion County Health Department's Environmental Health programs are to protect and improve the quality of life for the residents of Vermilion County.

The Illinois Department of Public Health Standards of Local Health Departments in Illinois require five basic environmental health programs. These programs are:

1. Food Sanitation
2. Potable Water Supplies
3. Private Sewage Disposal
4. Solid Waste
5. Nuisance Control

The Vermilion County Health Department provides approved programs in all five program areas. The Environmental Health Division provides two other recommended programs: Vector Prevention/Pest Control and Housing.

Food Sanitation - Required Program/Approved

The primary objective of the Food Sanitation program is the protection of the consumer by assuring that food and food products provided by food service establishments and retail food stores are protected against contamination by infectious agents or adulteration by toxic material.

The Vermilion County Health Department's Ordinance Governing Food Service Sanitation requires the Environmental Health staff to issue permits to operate and carry out inspections of food service establishments, retail food stores and temporary food service establishments. This ordinance covers all areas of Vermilion County except the area within the corporate limits of the City of Danville.

Types and Numbers of Food Service Establishment Permits:

	<u>1985</u>	<u>1986</u>
Taverns Without Food Service:	38	36
Restaurants and Taverns With Food Service:	67	97
Retail Food Stores:	29	31
Schools:	27	27
Mobile Units:	0	6
Temporary Food Service Establishments:	84	184
Totals:	<u>245</u>	<u>381</u>

Food Service Sanitation Activities

Field Investigations	120	93
Compliance Inspections	394	510
Samples Collected	16	15
Food Service Permits Issued	245	381
Adulterated Food and Food Borne Illness Complaints	15	22
Office, Field & Telephone Conferences	1798	1747
Official Correspondence	139	100
Totals:	<u>2727</u>	<u>2868</u>

A county ordinance was approved during 1986 which established a fee schedule for four (4) different classes of permits for food service establishments.

Potable Water Supplies - Required Program/Approved

The object of this program is to eliminate disease transmission and chemical poisons or adulterants through the provision of a safe, potable and adequate supply of water for drinking, culinary and sanitary purposes for every individual in Vermilion County.

The Vermilion County Health Department does not have a local ordinance to regulate private water supplies. The Environmental Health staff does collect samples and inspect private water supplies on request of Vermilion County residents. The water samples are sent to the Illinois Department of Public Health laboratory in Springfield, Illinois for analysis. The sanitarian interprets the analysis of the water sample supplies by the laboratory and reports the condition of the water in the sample to the owner of the water supply. If the water in the sample is found to be unacceptable for human consumption, the sanitarian will recommend appropriate corrective action. Of all the private water supply samples collected in Vermilion County in 1986, 36% were found to be unacceptable for human consumption.

Potable Water Supply Activities

	<u>1985</u>	<u>1986</u>
Private Water Samples Submitted for Analysis	884	556
Office, Field & Telephone Conferences	1220	1146
Well Inspections		25
Official Correspondence	493	285
Totals:	<u>2597</u>	<u>2012</u>

Private Sewage Disposal - Required Program/Approved

The objective of this program is to prevent the transmission of disease organisms from improperly or inadequately treated sewage by providing that all sewage is discharged to a properly designed, constructed and operated sewage disposal system. This objective is being achieved by enforcing the Vermilion County Health Department's Ordinance Governing Private Sewage Disposal. The ordinance authorizes the Environmental Health staff to order corrections on inadequately treated sewage discharges, design and size private sewage disposal systems, inspect the systems prior to being backfilled to insure that they are constructed properly and issue licenses to all private sewage disposal contractors and septic tank pumpers.

A revised sewage ordinance was approved by the County Board during 1986. The revisions were necessary to reflect changes that were made in the Illinois Department of Public Health's Private Sewage Disposal Licensing Act and Code Book, 1986.

Private Sewage Disposal Activities

	<u>1985</u>	<u>1986</u>
Construction Permits Issued	147	174
Contractor's Licenses Issued	41	47
Onsite Compliance & Enforcement Inspections	802	1114
Office, Field & Telephone Conferences	3280	3713
Official Correspondence	<u>233</u>	<u>310</u>
Totals:	4503	5358

Solid Waste - Required Program/Approved

The object of this program is to eliminate the transmissions of disease organisms which can result from the improper or inadequate handling and disposal of garbage and other solid wastes. This objective is being achieved by the enforcement of the Vermilion County Health Department's Ordinance Governing Solid Waste Disposal.

Solid Waste Activities

	<u>1985</u>	<u>1986</u>
Licenses Issued	49	69
Field Investigations	294	261
Office, Field & Telephone Conferences & Consultations	499	794
Official Correspondence	<u>60</u>	<u>117</u>
Totals:	902	1241

Nuisance Control - Required Program/Approved

The goal of this program is to eliminate the transmission of disease and preserve the safety, comfort and enjoyment of life through the control of public health nuisance conditions. The objectives of this program are being achieved by the enforcement of sections of the Vermilion County Health Department's Ordinance Governing Solid Waste Disposal and applicable State statutes.

Nuisance Control Activities

	<u>1985</u>	<u>1986</u>
Field Investigations	35	20
Office, Field and Telephone Conferences & Consultations	213	121
Official Correspondence	<u>7</u>	<u>3</u>
Totals:	255	144

Vector Prevention and Pest Control - Recommended Program

The goal of this program is to prevent and control the transmission of disease, the adulteration of food products, infestation of structures and other problems associated with insect and rodent infestations. The Environmental Health staff investigates complaints of insect and rodent infestations and orders corrections or recommends corrective measures in situations which may adversely affect public health.

Vector Prevention and Pest Control Activities

	<u>1985</u>	<u>1986</u>
Field Investigations	9	8
Office, Field & Telephone Conferences & Consultations	71	80
Official Correspondence	<u>1</u>	<u>4</u>
Totals:	81	92

Housing Program - Recommended Program

The goal of this program is to eliminate safety hazards and transmission of disease through the control of abandoned and structurally damaged buildings. The Vermilion County Health Department does not have a housing ordinance at this time, but the Environmental Health staff enforces sections of the Vermilion County Ordinance Governing Solid Waste Disposal that deals with fire damaged or abandoned structures. The Environmental Health staff also conducts home loan inspections on request from mortgage companies, state and federal agencies, realtors and individuals buying or selling a home. The loan inspections are conducted on properties that are in the process of changing ownership and consists of an inspection of the water supply and sewage disposal system that services the property. The sanitarian conducting the inspection determines if the water supply is safe and if the sewage disposal system is adequate and functioning properly.

Housing Program Activities

	<u>1985</u>	<u>1986</u>
Home Loan Inspections	52	106
Field Investigations	17	28
Office, Field & Telephone Conferences & Consultations	300	374
Official Correspondence	63	81
Totals:	432	589

General Environmental Health

The primary focus of this category is hazardous waste disposal problems and hazardous or toxic waste accidents. These activities require the Environmental Health staff to work closely with the Illinois Environmental Protection Agency and the Emergency Services and Disaster Agency.

General Environmental Health Activities

	<u>1985</u>	<u>1986</u>
Field Investigations	58	58
Office, Field & Telephone Conferences & Consultations	300	650
Official Correspondence	29	39
Totals:	387	747

Health Promotion and Health Education

The Vermilion County Health Department does not employ a health educator who works in all program areas. Consequently, we must rely on the professional employees who staff specific program areas and the administrative staff of the agency to perform public health promotion and education activities. The staff of the Vermilion County Health Department provides public health education and promotion presentations throughout Vermilion County upon request.

1986 Health Promotion and Education Statistics

<u>Program</u>	<u>Staff</u>	<u>Type of Presentation</u>	<u>Number of Presentations</u>	<u>Persons in Attendance</u>
General	Administrator & Supervising RN	Program & Services	5	103
Communicable Disease	Staff & Administrator	AIDS	4	189
Sexually Transmitted Diseases	Staff	AIDS & STD	5	131
IMRI/9 By '90	Staff & Adm.	Infant Mortality	4	76
Home Health	HHA/Staff RN	Home Health	12	43
Case Coordination	CCU/Nurse Coordinator	CCU Program	3	85
			33	627

The Vermilion County Health Department also has a Health Education Plan which is reviewed and revised annually. The annual Health Education Plan establishes educational target groups and objectives for the program staff in each required program area to achieve or address within the specified period of time.

Summary of the 20th Annual Report

The total number of activities and services included in the 20th Annual Report.....134,120.

However, this total number of activities/services is actually incomplete because it does not include activities and services such as office consultations, telephone consultations for information and referral and field conferences which are provided during other activities. It also does not include many general administrative and support activities such as record maintenance in all program areas and clerical services.

PLEASE NOTE THAT THE 1987 ACTIVITIES AND SERVICES TOTAL OF 134,120 REPRESENTS AN INCREASE OF 30,361 REPORTED UNITS, OR 30%, DURING 1986.

Approximately 22,074 client visits were made to the Vermilion County Health Department at the County Services Building or to the satellite clinic at 101 W. North, Danville, to receive clinical or educational services. However, this total does not accurately represent the total volume of traffic because it does not include some service traffic which is very difficult to document. This approximate total does not include service traffic due to the distribution of W.I.C. food vouchers, vital records traffic and public information and referral traffic.

Estimated Average Number of Client Visits per Month to Receive Clinical or Educational Services:	1840
Estimated Average Number of Visits for Other Reasons:	<u>860</u>
Estimated Total Monthly Service Traffic:	2700

PLEASE NOTE THAT THIS TOTAL REPRESENTS AN ESTIMATED INCREASE OF 6490 CLIENT/PATIENT VISITS, OR 42%, DURING 1986.

VERMILION COUNTY HEALTH DEPARTMENT

FINANCIAL STATEMENT

December 1, 1985 - November 30, 1986

BEGINNING CASH BALANCE		\$ 34,100.00
RECEIPTS		
ILLINOIS DEPARTMENT OF PUBLIC HEALTH:		
Title XX Health Support	\$ 3,750.00	
Title XX Family Planning	\$ 52,123.00	
Vision & Hearing	\$ 4,555.00	
W.I.C.	\$ 111,072.00	
I.M.R.I.	\$ 268,146.00	
Block Grants	\$ 13,489.00	
Basic Health Services Grant	\$ 155,190.00	
PHIN	\$ 7,906.00	
Parents Too Soon	\$ 34,324.00	
IL Dept. on Aging	\$ 32,269.00	
Area Agency on Aging	\$ 777.00	
FEES COLLECTED:	\$ 100,812.00	
COUNTY APPROPRIATION:	\$ 36,000.00	
TB TAXES & FUND BALANCE:	\$ 153,747.00	
V.N.A./UNITED WAY GRANT:	\$ 31,917.00	
NOW ACCOUNT INTEREST:	\$ 5,263.00	
MISCELLANEOUS:	\$ 12.00	
TOTAL RECEIPTS:		\$1,011,352.00
BEGINNING CASH BALANCE PLUS RECEIPTS:		\$1,045,452.00
EXPENDITURES:		
Salaries	\$ 605,036.00	
Fringe	\$ 7,952.00	
Prof. Contractual	\$ 23,182.00	
Medical Supplies	\$ 44,810.00	
Other Contractual	\$ 113,521.00	
Rent	\$ 45,310.00	
Mileage	\$ 27,963.00	
Meetings	\$ 8,616.00	
Commodities	\$ 18,135.00	
Printing	\$ 5,091.00	
Telecommunications	\$ 10,571.00	
Equipment	\$ 34,081.00	
TOTAL EXPENDITURES:		\$944,268.00
ENDING CASH BALANCE:		\$101,184.00



