

# FAYETTE COUNTY Health Beat

Healthy Choices • Healthy People • Healthy Communities

## Genetics

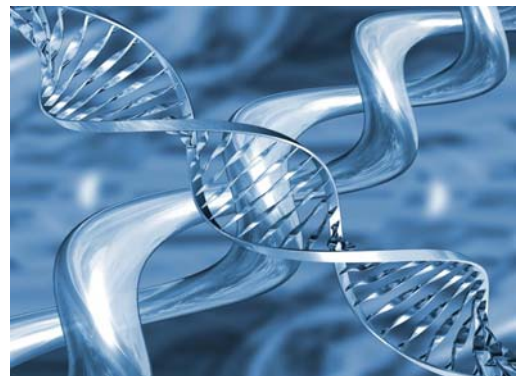
Fayette County Health Department has genetics services available with information about a specific or family concern by genetic health care professionals. The MCH nurses screen prenatal and infants for family history including genetic conditions, abnormal newborn screenings, and chronic diseases such as cancer, asthma, and diabetes. We host a Genetics Clinic 2-3 times a year with a Geneticist (Physician) and a Genetic Counselor from St. Louis Cardinal Glennon Hospital. Mostly children are seen in the clinics that have genetics conditions, severe developmental delays, or birth defects. The Fayette County Health Department manages 6 counties including Fayette, Lawrence, Clay, Effingham, Jasper, and Richland. In the media, genetics has much breaking news and debate over such issues as gene therapy, stem cell research and therapy, cloning, "designer babies" and transgenic technology. New research is always making the world of genetics evolve to the next level.

Some interesting facts about genetics:

- 50-60% of first trimester miscarriages and 7% of stillbirths and neonatal deaths are due to chromosomal abnormality
- 5000 infants are born with a major birth defect annually in Illinois
- 30% of pediatric hospitalizations are due to genetic disease
- 80% of individuals older than the age of 25 will develop a health condition with a genetic component
- 2.5 million Illinois residents are affected by a genetic disorder.

Fun facts:

- Humans share 98% of the same DNA as Chimpanzees
- When clasping your hand together, 55% place their left hand over the right.



In conclusion, genetics is what makes us all unique! Whether you have a dominant traits that can allow you to wiggle your ears, roll your tongue, or if you have a widow's peak, detached earlobes, your 2<sup>nd</sup> toe is longer than big toe, you have hair on the second joint of your finger, dimples, freckles, or cleft chin, Recessive genes include a hitch hiker thumb, a straight pinky, baldness, straight hair, red hair, thin lips, or susceptibility to poison ivy. Now that you are all checking out your tongue and clasping your hands, I encourage you to learn your family medical history and learn more about GENETICS

# September 2009 Statistics



## **FAMILY & CLINICAL SERVICES**

### **WIC**

Active WIC Clients.....870  
 WIC Services.....351  
 Breast Feeding Women.....19  
 Breast Feeding Peer Counseling.....23

### **Family Case Management**

Active Families..... 318  
 EPSDTs..... 72  
 Pregnancy Tests..... 3  
 ASQ:SEs ..... 102  
 Edinburghs..... 53  
 Denvers..... 102  
 Home Visits..... 9  
 APORS Visits ..... 6  
 Healthwork Clients ..... 22

### **Healthy Families Illinois**

Families Served ..... 48  
 Home Visits..... 95  
 Assessments..... 10

### **Doula**

Families Served..... 12  
 Home Visits..... 29  
 Doula Assisted Deliveries.....2

### **TPS**

Clients ..... 13  
 Graduated High School/GED ..... 0

### **Genetics**

Screenings ..... 41  
 Clinics..... 1  
 Patients Seen In Clinic ..... 10  
 Paternity testing.....2

### **Immunizations**

Children.....337  
 Adult ..... 78  
 Lab Draws..... 11  
 Adult Injections.....10

### **Lead**

Lead Screenings.....42  
 Active Lead Cases.....5

### **Flu**

Clinics.....3  
 Flu Vaccinations ..... .533  
 Pneumonia Vaccinations.....22

### **Diabetes**

Diabetes Participants .....345  
 New Participants Enrolled.....2

### **Smoking Cessation**

New Break the Habit Smoking Cessation  
 Clients ..... 1  
 Tobacco Quitline Calls ..... 4

### **Communicable Disease**

New Cases ..... 2  
 Cases Closed ..... 5

### **Sexually Transmitted Diseases**

STD Cases Received & Reported..... 2

### **Tuberculosis**

Investigations ..... 0  
 New Prophylactic Patients ..... 0  
 New Active Cases ..... 0  
 TB Tests.....49  
 TB Screenings.....7

## **HOME HEALTH**

Number of Current Patients ..... 38  
 Total Served ..... 54  
 Total Number of Visits ..... 347  
 Foot Care.....42

## **HOSPICE**

Number of Patients ..... 12  
 Number of Volunteers ..... 23  
 Families in Bereavement ..... 149

## **ENVIRONMENTAL HEALTH**

### **Food Safety**

Inspections..... 12  
 Re-Inspections ..... 0  
 Spot Checks ..... 10  
 Complaints ..... 1  
 Certifications ..... 0  
 Re-Certifications ..... 0  
 Pre-Openings..... 1

### **Tanning**

Inspections..... 1  
 Re-Inspections ..... 0

### **Private Sewage**

Plan Approvals ..... 6  
 Installations ..... 7

### **Potable Water**

Wells Permitted..... 2  
 Wells Constructed..... 1  
 Water Samples ..... 4  
 Non-Community ..... 4

### **Complaints**

Sewage Complaints ..... 2  
 Nuisance Complaints ..... 0  
 Resolved Complaints ..... 0  
 Referred Complaints..... 0

### **Wells Sealed**..... 0

### **Real Estate Surveys**..... 0

### **Sewage Compliance-**

### **Vandalia Lake**..... 0

### **West Nile Bird Submission**..... 0

### **Subdivision Review**..... 0

### **Rabies Specimen Submission**..... 0

**Clinics**  
**By Appointment Only**

**Tuesdays 8:30-4:30**

- **Lab Clinic**
- **Adult & Adolescent Immunizations**
- **TB Testing**

**Fridays (Schedule varies)**

- **Children's Immunizations**
- **TB**
- **Lead Screening**