



Gateway Northwest
MATERNAL AND CHILD HEALTH NETWORK

Program and Data Report
2009/2010

Gateway Northwest Maternal and Child Health Network Member Hospitals

Regional Perinatal Center

Services high-risk mothers and neonates by providing consultation, referral, transport and follow-up to other Gateway Northwest member facilities

Hackensack University Medical Center (Bergen County) 5,939

Morristown Memorial Hospital (Morris County) 3,938

Newark Beth Israel Medical Center (Essex County) 3,733

UMDNJ–University Hospital (Essex County) 1,598

Community Perinatal Centers – Intensive

Services neonates and complicated maternity patients expected to deliver neonates at least 28 weeks of gestational age and weighing greater than 999 grams

Overlook Hospital (Union County) 2,485

Community Perinatal Centers – Intermediate

Services neonates and complicated maternity patients expected to deliver neonates at least 32 weeks of gestational age and weighing greater than 1,499 grams

Clara Maass Medical Center (Essex County) 2,005

JFK Medical Center (Middlesex County) 2,770

Saint Clare's Hospital (Morris County) 1,570

Newton Memorial Hospital (Sussex County) 589

Mountainside Hospital (Essex County) 1,064

Trinitas Hospital (Union County) 2,412

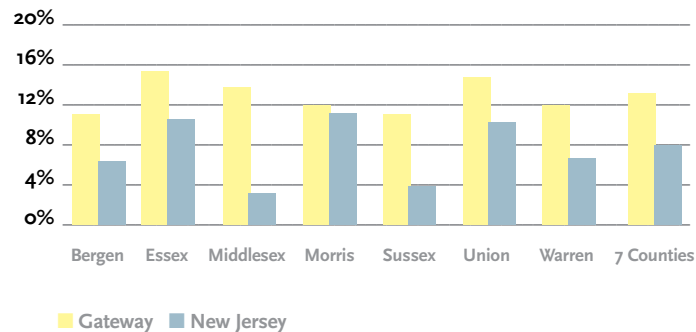
Community Perinatal Centers – Basic

Services neonates and uncomplicated, low risk maternity patients expected to deliver neonates at least 36 weeks in gestational age and weighing greater than 2,499 grams

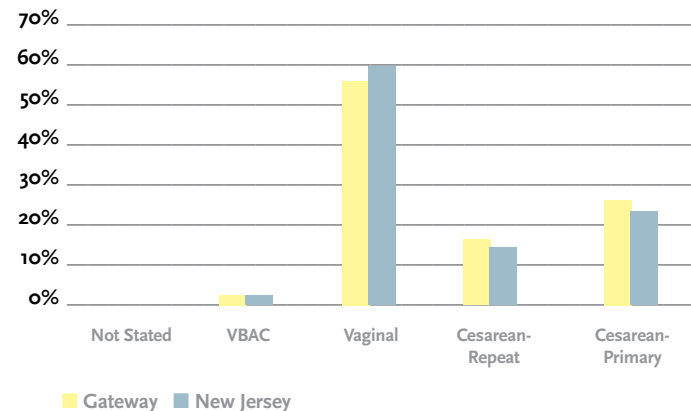
Hackettstown Regional Medical Center (Warren County) 777

In 2009, Gateway Northwest included 12 member hospitals with 28,930 live births greater than or equal to 20 weeks gestation.

County Birth Rates



Method of Delivery



Mission

Gateway Northwest Maternal and Child Health Network (Gateway Northwest) fosters improvements in the health and well-being of mothers, infants, children and adolescents through sustained partnerships with its member hospitals, board, medical providers and community. A nonprofit organization licensed and regulated by the New Jersey Department of Health and Senior Service, Gateway Northwest is committed to improving access and quality of cost-effective healthcare. The following programs support our mission.



Access to Care

Baby & Me aims to lower rates of prematurity, infant mortality, and low birthweight in Greater Newark by improving the rates of early entry into prenatal care through prevention, education, support and clinical services to women and their partners .

To help more women in the Greater Newark area have healthy pregnancies, Baby & Me offers personalized care management and access to healthcare, prenatal moms' support groups, and social networking tools. The Baby & Me outreach campaign features signage in and outside of buses and large posters displayed at community-based organizations throughout Greater Newark. Individuals and families appearing in the advertisements all reside in Greater Newark and the accompanying quotes are theirs.

Baby & Me is funded through a grant from the New Jersey Department of Health and Senior Services.

Baby & Me can be contacted toll-free: 855.5.BabyAndMe (855.522.2926) or www.babyandme.org.



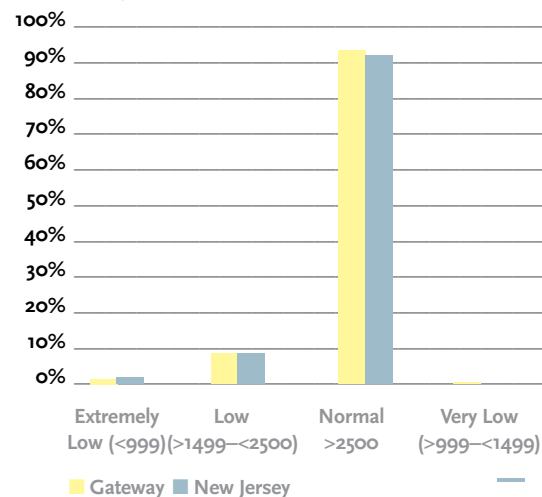
Contact information: Jeannette Burgos (973) 268.2280 x 109

Entry into Prenatal Care

	GATEWAY		NEW JERSEY	
No Prenatal Care	607	2.1%	1,258	1.1%
First Trimester	22,403	76.8%	84,349	77.1%
Second Trimester	5,084	17.4%	19,279	17.6%
Third Trimester	1,071	3.7%	4,249	3.9%
Unknown / Not Reported			287	0.3%
Sum	29,165		109,422	

Gateway No Prenatal Care comprises 48% of the State's total No prenatal care.

Birthweight



Baby Basics – Health Literacy for Immigrant Women

Provides pregnant foreign-born women with *Baby Basics (Ola Bebe)* books and planners to improve their health literacy skills

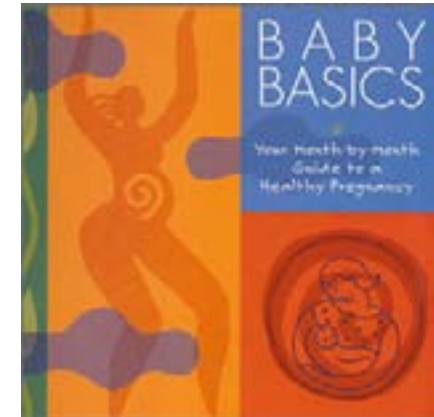
Support groups for pregnant women Moms Clubs, are held at community-based organizations La Casa De Don Pedro, Ironbound Community Corporation and New Community Corporation and prenatal care clinics: UMDNJ-University Hospital and Newark Community Health Centers: St. James Newark; Ludlow Street Newark; 444 Williams Street East Orange; Springfield Avenue Irvington sites.

Moms Clubs are available in English, Spanish and Portuguese.

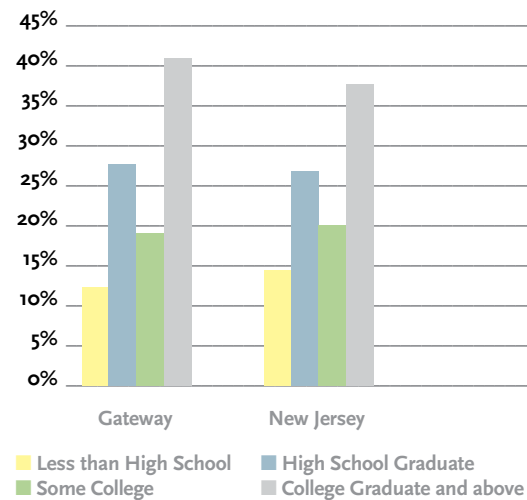
One-on-one instruction and support are provided at prenatal care clinics.

Contact information:

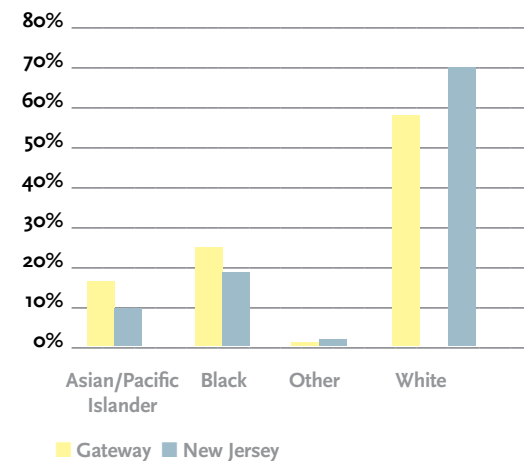
Delia Marques (973) 268.2280 x 103



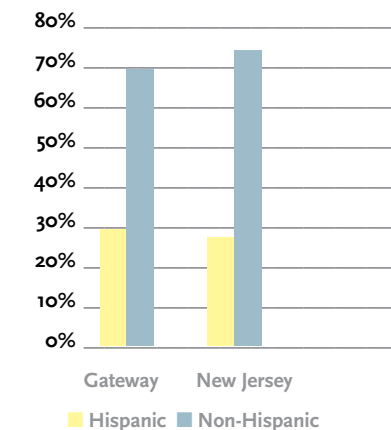
Mother's Education



Mother's Race



Mother's Ethnicity



Breastfeeding

Lactation consulting services are free to all women who participate in Essex County WIC programs

Breastfeeding program includes three lactation consultants and seven peer counselors. Three of the peer counselors are bilingual in Spanish and one in Creole. The lactation consultants and peer counselors conduct outreach and education to promote breastfeeding.

Phone support and breastfeeding aids for breastfeeding are also provided for WIC moms in Essex County.

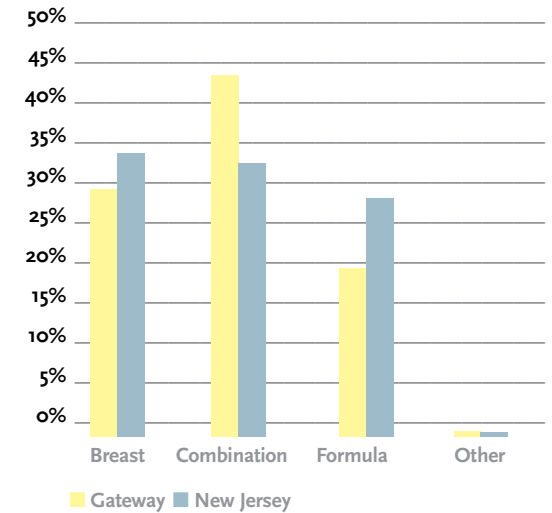
Every year, Gateway Northwest's Breastfeeding program has provided more than 650 IBCLC (International Board Certified Lactation Consultant) consultations with pregnant women at WIC sites and more than 1,500 pregnant women have received either a group or individual breastfeeding lesson.

Contact information:
Mackieba Reyes (973) 268.2280 x 108

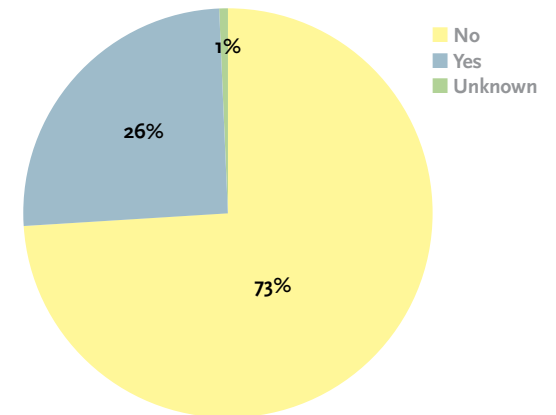


Newark WIC's Monthly Breastfeeding Support Group Meeting

Feeding Method



WIC Enrollment



Environmental Protection Agency's Renovation, Repair & Painting Class & Leadie Eddie Interactive Education Program

RRP is an accredited EPA training program that confirms individuals as Certified Renovators after completion of an 8 hour training course. Contractors who work in homes built prior to 1978 that contain lead paint must have proof of education on lead safe work practices.

RRP classes typically occur twice a week, Tuesday and Thursday, and are available in both English and Spanish. Maximum class size is 6 participants.

Gateway Northwest is also approved to provide training for Lead Safe Maintenance Requirements for multiple dwellings pursuant to N.J.A.C. 5:10-6.6 (I) I. The 1 ½ hour training is offered three times a week in both English and Spanish.



Leadie Eddie Interactive Education provides lead poisoning prevention education to parents, child care providers and other professionals. The program includes puppet shows for preschool and elementary school aged children. Leadie Eddie, an original Gateway Northwest character, is available for purchase as a tool for lead poisoning prevention education.

Contact information:

Delia Marques, (973) 268-2280 x103



Essex Metro Immunization Coalition

Provides outreach and education throughout Greater Newark to promote timely immunizations for infants and adolescents

The Essex Metro Immunization Coalition (EMIC) is New Jersey's only state-supported municipality-focused coalition. With thirty-five active members, EMIC supports efforts dedicated to increasing and sustaining timely immunization rates for infants, children and adolescents in the Essex metro communities of Newark, Irvington, East Orange and Orange. The Coalition's four workgroups: Best Practices, Education, Opportunities/

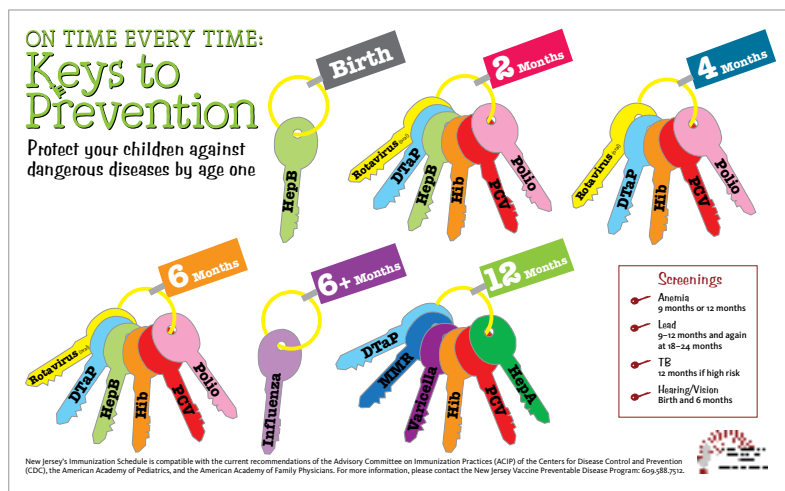
Advocacy/Branding, and Targeting High-Risk Communities foster increased community awareness about vaccination. Coalition members are key contacts for the media and often appear quoted in newspapers statewide. They also advocate for responsible state laws that address childhood and adolescent immunization. Recent projects shown below include creation and distribution of a bookmark throughout the Essex-4 cities detailing public

vaccination sites. The Coalition's On Time Every Time: Keys to Prevention, a CDC/AAP-approved accelerated vaccination schedule for providers and patients, identifies vaccination intervals and other screening requirements in a colorful easy-to-use format.

Contact information:

Jane Sarwin

(973) 268-2280 x 107



EMIC
Essex Metro Immunization Coalition

IMMUNIZE GREATER NEWARK!
Newark • Irvington • East Orange • Orange
Vaccines available - Call today!
No insurance - No problem!

• Newark
Jewish Renaissance Medical Center
Barringer High School
90 Parker Street
973.487.5773
George Washington Carver
333 Clinton Place
973.705.3880
Malcolm X Shabazz High School
80 Johnson Avenue
973.623.8592
Newark Community Health Centers, Inc.
741 Broadway
973.483.1399 x1327
Newark Department of Child & Family Well-Being
Immunization/PROJECT VACCINATE
110 William Street
973.733.7580

• Irvington
Newark Community Health Centers, Inc.
Irvington Community Health Center
1150 Springfield Avenue
973.393.6292 x1605

• East Orange
East Orange Health Department
143 New Street
973.266.5463
Newark Community Health Centers, Inc.
East Orange Primary Care Center
444 Williams Street
973.675.1800 x1016

• Orange
Newark Community Health Centers, Inc.
Orange Community Health Center
37 North Day Street
973.395.2611 x1507
Orange Health Department
29 North Day Street
973.286.4080

EMIC
Essex Metro Immunization Coalition

Fetal-Infant Mortality Review

FIMR is a national model of a public health surveillance program that investigates factors associated with fetal and infant mortality using a community-based approach

Since 2000, Gateway Northwest's FIMR program has reviewed more than 250 cases of fetal death >20 weeks gestation and infant deaths up to one year of age.

Gateway Northwest's multidisciplinary Case Review Team (CRT) examines at least 30 de-identified fetal and infant deaths annually in an ongoing review process.

Gateway Northwest's community-based Community Action Team (CAT) reviews the CRT's recommendations and designs and implements responsive public health initiatives.

Nearly 100 Gateway Northwest regional families have received a home visit, one of the most distinctive and valuable elements of the FIMR program. Community-based bereavement support is also provided via phone support, educational materials, support group assistance and annual remembrance walks.

Public health interventions that have been the direct result of FIMR are annual statewide Resolve Through Sharing (RTS) bereavement training programs, bereavement professional and patient pre-term labor prevention activities and education, and kick count education for patients and providers.

Current initiatives include a statewide March of Dimes Preterm Labor Prevention Grand Rounds Project and a working group focused on preventing future pregnancy loss and preterm labor in women that have experienced a loss.

A regional resource guide, *After Your Loss*, is available to member hospitals. *Tender Hearts, Tough Decisions* is a guide for making important decisions when a baby dies and is also available to member hospitals and stakeholders.

Contact information:

Carly Worman Ryan (973) 268.2280 x 110

After Your Loss



Healthy Families

Healthy Families is a research-based, nationally accredited, home visitation program designed to promote positive childhood outcomes and family functioning

Gateway Northwest's Healthy Families Program promotes healthy parent-child interaction, child development skills and health and safety practices with families and provides linkages to community resources to improve family self-sufficiency.

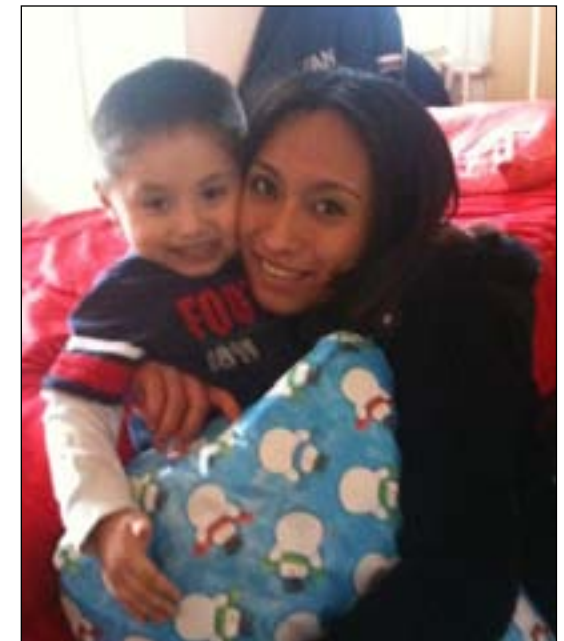
Healthy Families provides free and voluntary services to prenatal families and families with new babies who are at low or moderate risk for child abuse or neglect.

More than 75 families were served by Healthy Families in Morris County with over 90% receiving assessments and community referrals.

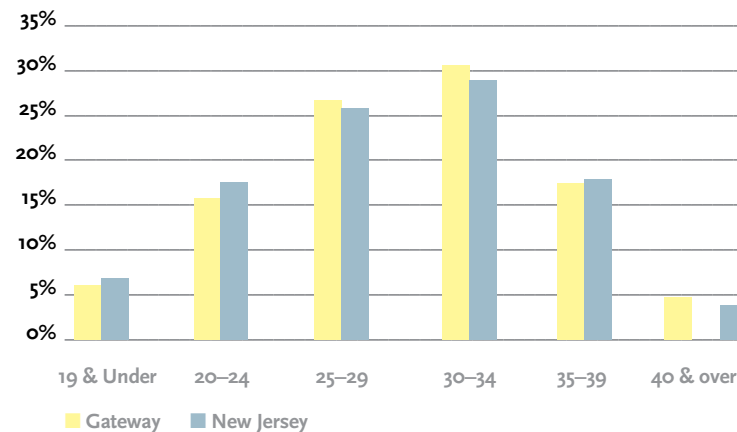
New families continue to be enrolled both in the pre-natal and post-natal period; new families comprised 38% of total families served in 2009.

Contact information:

Nicole Poland (973) 268.2280 x 112



Maternal Age



Marital Status

	GATEWAY	NEW JERSEY
Not Married	36.5%	33.8%
Married	63.5%	66.2%

New Jersey Immunization Information System - Training & Recruiting

NJIIS' mission is to educate, enroll and support NJ's health care providers with a reliable and confidential web based immunization system

NJIIS is a secure, computerized, statewide immunization registry that helps health-care providers track immunizations given from birth through adulthood, view lead test results, and identify early newborn hearing screening results. An immunization record printed from the registry is an official state document which can be used for school and camp entry, and as vaccine clearance for playing sports. NJIIS is managed by the New Jersey Department of Health and Senior Services, Vaccine Preventable Disease Program.

Gateway Northwest plays a lead role in recruiting and educating providers about the benefits of NJIIS. Training classes educate providers and their staff on all features of NJIIS including utilizing the automated reminder and recall notice function and the built-in inventory management system. Free

NJIIS training and support from Gateway Northwest's recruiter/trainer is available for healthcare providers, child care centers, schools, health departments and social service agencies within Gateway Northwest's five surrounding counties: Essex, Morris, Union, Sussex and Warren.

All training dates and locations are posted on the NJIIS website <http://njiis.nj.gov>.

N.J.A.C. 8:57-3.16 requires mandatory NJIIS participation by December 31, 2011 for all health care providers statewide who administer vaccines to children less than seven years of age.

Contact information:

Joann Jablonski (973) 268-2280 x 105

Gateway Northwest's New Sites Enrolled 2008–2010



Perinatal Addictions Prevention Project

Statewide initiative dedicated to reducing the number of infants exposed to substances in utero and improving maternal and birth outcomes

Perinatal Addictions Prevention Project (PAPP) provides pregnant women, health professionals and the community-at-large education regarding risks associated with substance use during pregnancy.

PAPP is dedicated to screening pregnant women for substance use. The 4P's screening tool is used by 11 clinics in the Gateway Northwest region.

More than 1,000 professionals and 750 individuals have been educated through PAPP from July 2009/June 2010.

Contact information:

Anne Harrington (973) 268.2280 x 115

Substance Abuse

	NUMBER	PERCENT		NUMBER	PERCENT		NUMBER	PERCENT	
New Jersey 2006	1087	1.0%	109422	7817	7.1%	109422	1637	1.5%	109422
Gateway 2009	273	1.0%	26842	1362	5.1%	26842	337	1.3%	26842



Perinatal Mood Disorders

Provides comprehensive public health outreach to professionals and regional communities to increase awareness of symptoms, risk factors and treatment options for PMD

New Jersey Speak Up When You're Down is a program, designed to educate professionals and community members regarding the signs, symptoms and treatment of perinatal mood disorders (PMD). The program also assists women-in-need in gaining access to state and local resources, and providers, for effective treatment of PMD. Research indicates 10-20% of women develop a mood disorder during the perinatal period, which includes pregnancy up to one year after delivery. PMD can affect activities of daily living, personal relationships, as well as have long-term effects on the infant. In 2006, New Jersey became the first state to legislate PMD education and screening.

Gateway Northwest staff presents PMD grand rounds at member hospitals for the departments of obstetrics/gynecology, pediatrics, nursing, social work and psychiatry. More than 100 educational in-services have also been provided to private physicians, nurses, insurance companies, pastoral care, childbirth education classes, mom's groups, grandparent's groups and daycare centers. In addition, Gateway Northwest's PMD staffs have been featured as speakers at professional conferences for nursing students, social workers and mental health professionals.

Recognizing Postpartum Depression

Speak Up When You're Down

The Gateway Northwest Regional PMD Resource Directory includes postpartum-emergent and non-emergent services, support groups, and individual and group counseling services.

Contact information:
Naomi Savitz and Ruth Brogden,
(973) 268.2280 x 106

Professional Education Program

Provides high quality, evidence-based, affordable continuing education programs for maternal and child health nurses, physicians, social workers and other providers of maternal and child health care

In 2009, Gateway Northwest offered ten different continuing education programs, including a three-day certification exam prep course, three regional conferences: *Legal Aspects of Perinatal / Neonatal Nursing*, *Late Preterm Infants: A Clinical Perspective*, and *Fetal Alcohol Spectrum Disorders: Where Do We Go from Here?* as well as a few other topics, presented as on site seminars at various hospitals throughout the region. Nearly 600 nurses participated in one or more of these programs and more than 3,500 contact hours were awarded.

In addition to our regional program, Gateway Northwest collaborates with the five other maternal child health consortia to offer statewide conferences. In both 2009 and 2010, statewide programs were offered on current treatments for perinatal mood disorders and on how to support families who have a perinatal loss (a miscarriage, a stillbirth or an infant death) – the two-day *RTS Bereavement Training*. In October 2010, 130 perinatal nurses from across the state attended *Empowered Nurses Making a Difference – Patient Safety and Quality Improvement in Obstetrics*.

A community grant from the New Jersey Chapter of the March of Dimes enabled Gateway Northwest to develop an OB Grand Rounds presentation entitled *Lessons Learned from New Jersey's Fetal and Infant Mortality Review Program – What Bereaved Mothers Have Taught Us about Preterm Labor*. These presentations included the distribution of toolkits with a starter supply of preterm birth prevention patient education materials to all the obstetricians and nurse midwives in the audience.

In 2010, Gateway Northwest partnered with Open Arms Adoption Network to offer *Understanding Infant Adoption* and with Youth Consultation Services, the NJ Association for Infant Mental Health, Prevent Child Abuse NJ, and the Central NJ MCH Consortium to offer *Infants and Children in the Courts: Reflections and Solutions* at Clara Maass Medical Center.

Alcohol and Drugs during Pregnancy – Effect on Families Too, a program developed by Gateway Northwest's coordinator of the Perinatal Addictions Prevention Project, Anne Har-

ington is available for presentations at our member hospitals.

Gateway's *Online Continuing Education Initiative to Improve Patient Safety and Outcomes in Obstetrics* began October 1, 2010. Gateway purchased on behalf of its member hospitals a 12-month license for obstetricians, nurse midwives, OB residents and perinatal nurses to access APS's (Advanced Practice Strategies) *Advanced Fetal Assessment and Monitoring Program* (seven case-based modules) and the *SBAR+R: Structured Communication in Healthcare* module.

Gateway Northwest Maternal and Child Health Network is an approved provider of continuing nursing education by the NJ State Nurses Association, which is accredited by the ANCC Commission on Accreditation

Contact information:
Marie Hogarty (973) 268.2280 x 111

Quality Assurance

The QA program analyzes data for program planning specifically for maternal child health issues

The Quality Assurance (QA) program provides management support for the Electronic Birth Certificate (EBC) database for Gateway Northwest's member facilities. The EBC collects data from 399 fields and is used to identify birth trends in the Gateway Northwest service area. To maintain high quality data collection, periodic chart audits are conducted to benchmark maternal child health indicators.

The QA program is also responsible for staff support for the Total Quality Improvement (TQI) Committee. The TQI Committee is composed of neonatologists, pediatricians, obstetricians, nurses from Gateway Northwest member hospitals, representatives from the community and the New Jersey Department of Health and Senior Services. The TQI Committee meets regularly to review perinatal statistics and pathology, including,

but not limited to non-compliance with rules regarding birthweight and gestational age (approximately 50 cases/year), cases of no prenatal care, and maternal deaths as well as regional transport patterns.

Contact information:

Naomi Savitz and Ruth Brogden

(973) 268.2280 x 106

Gateway by Designation Deliveries >=20 Weeks

Basic	778	2.7%
Intermediate	10,510	36.1%
RPC	15,378	52.8%
Intensive	2,485	8.5%
Total	29,151	100.0%

NICU Status

GATEWAY		
Admitted to NICU	2409	8.5%
Not Admitted to NICU	25906	90.9%
Transfer to NICU	178	0.6%
Any NICU	2587	9.1%
Total	28,493	100.0%

Gateway Northwest Maternal and Child Health Network, Inc

Staff

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Business Manager

Beverly A. Honoré, BA
Administrative Manager

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Jeannette Burgos, BS, CHES
Director, Perinatal Initiatives

Fetal Infant Mortality Review

Carly Worman Ryan, MA
Director of Public Health Initiatives

Postpartum Depression

Ruth Brogden, MPH
Director of Quality Assurance

Naomi Savitz, MPH
Director of Quality Assurance

Healthy Families

Nicole Poland, BA
Healthy Families Program Manager

Debra A. DiLaura-Donza, BA
Family Support Worker

Carolina Florez
Family Support Worker

Elizabeth Gavilanes
Family Support Worker

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Joann Jablonski, MBA
NJIIS Recruiter/Trainer

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CADC, CCJP, WTS
Specialist, Risk Reduction

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Director of Professional Education

Restoration, Repair And Paint

Delia Marques, AAS
Program Manager, Lead Education and Outreach, Baby Basics Coordinator

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Interim Regional Breastfeeding Manager

Jennifer Aguilera
Breastfeeding Peer Counselor

Roxana Barrios, BA
Breastfeeding Peer Counselor

Denise Gibbs
Breastfeeding Peer Counselor

Sakeenah S. Dowell, IBCLC
Lactation Consultant

Connie Draper, BA, IBCLC
Lactation Consultant

Katherine Gonzalez, BA
Breastfeeding Peer Counselor

Taniesha McKinney, BS
Breastfeeding Peer Counselor

Vickie R. Nizin, BS, IBCLC
Lactation Consultant

Nakia Simpkins, BA
Breastfeeding Peer Counselor

Cynthia Telfort
Breastfeeding Peer Counselor

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UMDNJ-New Jersey Medical School

Mary McTigue, RN, BSN, MA
Trinitas Regional Medical Center

Harold Perl, MD
Hackensack University Medical Center

Yvetale Lature-Jerome, RN, CCE,
MAS
Hackettstown Regional Medical Center

Kathleen Selvaggi-Fadden, MD
Overlook Hospital

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Newton Memorial Hospital

Shelly Schneider RNC, MSN,
APN, C
Clara Maass Medical Center

Jennifer Waters, RNC, MSN
Saint Clare's Hospital

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*Planned Parenthood of Greater
Northern NJ*

Gerard Costa, PhD
Youth Consultation Services

AnneGene A. Giustozzi, MD, MPH
Zufall Health Center

Susan Marcario, MA
*Family Link of Union and Essex County:
A Regional Early Intervention
Collaborative, Inc.*

Atif Nazir, DVM, MS
Irvington Department of Health & Welfare

JoAnne Penn, MA, RN-BC
Private Practice

Cindy Sickora, DNP, RN
UMDNJ School of Nursing

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Lula Linder, MSW, LCSW
AD House

Joan Quirk, CSW
NORWESCAP Early Head Start

Jennifer Van Vort, BA
Morris County

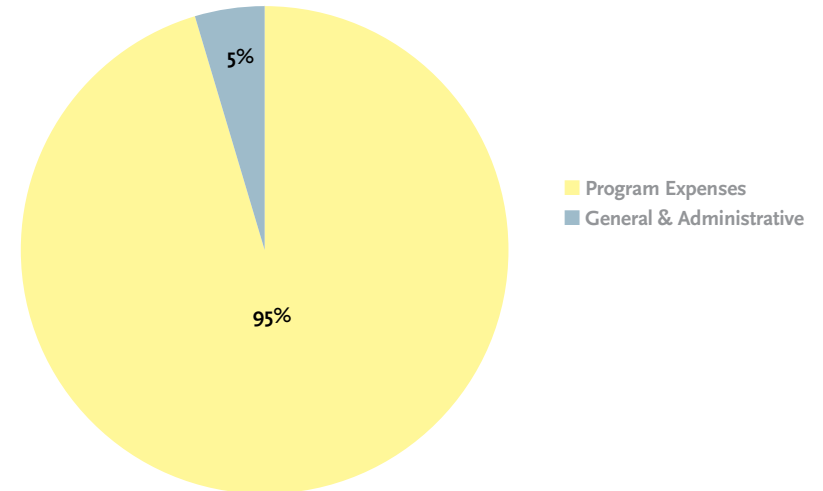
Gateway Northwest Funders 2009

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 Hackensack University Medical Center
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 JFK Medical Center
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 Newark Beth Israel Medical Center
 Newton Memorial Hospital
 Overlook Hospital
 Saint Clare's Hospital
 Trinitas Hospital
 UMDNJ-University Hospital

CityMatch
 Every Child By Two
 March of Dimes
 New York Life Foundation
 Pfizer
 Robert Wood Johnson Foundation
 Sanofi Pasteur
 Southern New Jersey Perinatal Cooperative
 United Way of Essex and West Hudson
 Wal-Mart Foundation

 New Jersey Department of Children and Families
 New Jersey Department of Health and Senior Services, Infectious Diseases
 New Jersey Department of Health and Senior Services, Perinatal Health Services
 New Jersey Department of Health and Senior Services, Women, Infants & Children

Functional Expenses



Income

