



Donald R. Stern, MD, MPH
Health Director

Annual Report

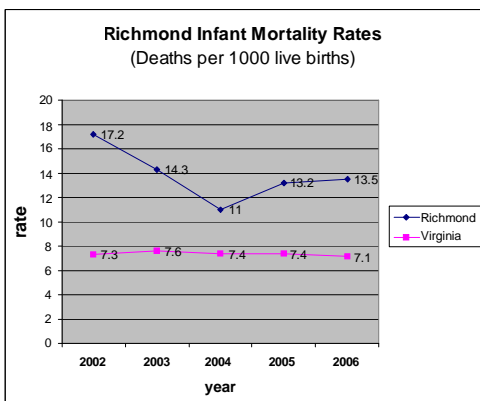
Fiscal Year 2007-2008

Working together for a healthier Richmond

FY 2007-2008 Highlights:

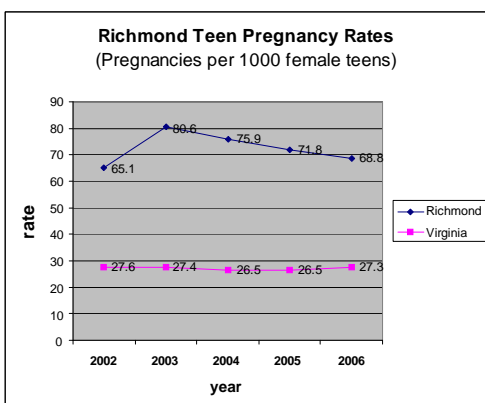
Vision 2020

The Richmond City Health District (RCHD) worked closely with the City of Richmond Human Services Portfolio agencies to support the Mayor's Vision 2020 plan and the challenging goals to improve health and social indicators for the City of Richmond. RCHD efforts focused on maternal/prenatal health care, reducing infant mortality, teen pregnancy prevention, reduction of sexually transmitted disease and improving access to basic health care.



Infant Mortality Prevention

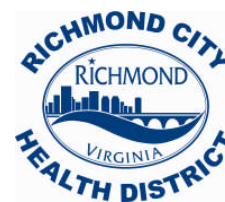
The Greater Richmond Saving Babies Campaign to reduce infant mortality included RCHD collaboration with the Richmond Healthy Start Initiative, Henrico County Health District, Chesterfield Health District, Bon Secours Richmond Health System, VCU Center on Health Disparities, Virginia Union University Minority Health Initiative, HCA Richmond Health System, and Central Virginia March of Dimes to conduct the Richmond Regional Summit on Infant Death in October 2007. Campaign strategies for 2007-2008 also included development of television and radio advertisements to raise public awareness on lowering risks for infant death and improving birth outcomes. As part of our efforts to improve pregnancy outcomes, RCHD established an agreement with Richmond Behavioral Health Authority to provide assessment, counseling and treatment for substance abusing pregnant women.

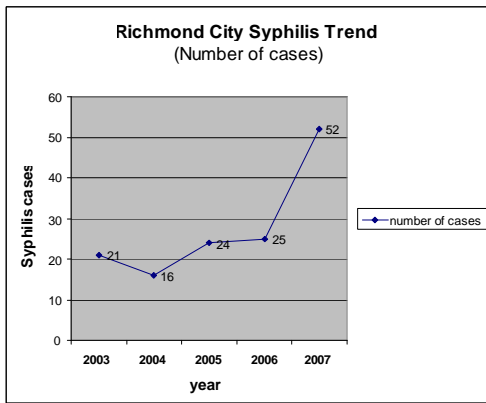


Teen Pregnancy Prevention

The RCHD worked closely with the City of Richmond Deputy Chief Administrative Officer for Human Services to integrate the City's teenage pregnancy prevention initiative with the RCHD's teenage pregnancy prevention program. Currently, all of the City of Richmond's teenage pregnancy prevention programming is under the leadership of RCHD's Adolescent Health Program Coordinator.

Through combined efforts, more than 2600 middle and high school students participated in pregnancy prevention programming during the 2007-08 fiscal year.



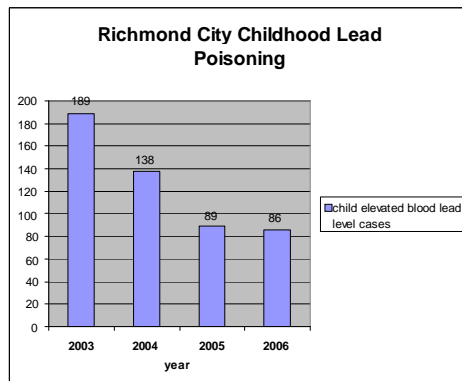


Syphilis/STD Reduction Campaign

Efforts to reduce STDs continued to be a challenge. Aggressive case-finding efforts and reporting will be reflected by a continued increase in rate numbers. Reported case numbers are expected to decrease as the chain of STD transmission is broken. RCHD Syphilis reduction efforts included a public awareness campaign to encourage residents to get tested for sexually transmitted diseases and to avoid associated risky behaviors. The media campaign utilized television ads produced by the Virginia Department of Health as well as radio ads, billboards and public education materials produced by RCHD which targeted the Richmond community.

Lead Poisoning Prevention

The RCHD Lead Safe Richmond Program contributed to a remarkable drop in lead poisoning in Richmond's children population. Lead poisoning dropped from a rate of 5% of those tested in 2003, to 1% of those tested in fiscal year 2007-08.



Richmond Smiles - Mobile Dental Program

The Richmond Smiles Mobile Dental Program was launched in April 2008. The program features a mobile dental operator that provides services to uninsured residents at locations throughout the city. The Richmond Smiles program was conducted in partnership with the Virginia Department of Health and the Capital Area Health Network.

Emergency Preparedness

The RCHD implemented a very successful emergency preparedness exercise in November 2007 that allowed RCHD staff to practice a mass vaccination. The drive-through flu shot clinic included participation with City first-response agencies and Medical Reserve Corps volunteers. Additionally, more than 900 Richmond residents were provided free flu shot protection in the six-hour exercise.

RICHMOND CITY-COMMUNITY HEALTH STATUS

Health status indicators consistently show City of Richmond's health being poor as compared to state averages. These indicators include teen pregnancy, non-marital births, infant mortality, and sexually transmitted infection. Minority health rates also show prevalent disparity for these indicators. For more detailed information, please visit www.vdh.virginia.gov/healthstats.

Richmond City Health Profile		
	Rate	
Reproductive health (2006 stats most recent data available)	State	Richmond
Teen pregnancies per 1000 females	27.3	68.8
Percent non-marital births	34.1	62.4
Causes of death (2006 most recent data available)	Rate	
Infant mortality=deaths/1000 live births	7.1	13.5
Cancer death per 100,000 population	179.9	232.7
Diseases of the heart per 100,000 population	182.2	233.8
Diabetes Mellitus per 100,000 population	21.3	37.3
Unintentional injury per 100,000 population	34.9	57.5
Suicide-per 100,000 population	11.4	12.4
Communicable Diseases (2007 most current data available)	Rate	
HIV per 100,000 population	11.4	56.2
AIDS per 100,000 population	7.9	28.8
Chlamydia per 100,000 population	324	1178
Syphilis per 100,000 population	5.3	26.8
Gonorrhea per 100,000 population	82.8	611
Tuberculosis per 100,000 population	4.3	6.19

HEALTH SERVICES

The RCHD provided direct patient care via clinical and field services as well as health education on many issues of public health concern. RCHD efforts included improving birth outcomes and promotion of preconceptional health, early prenatal care and increased individual responsibility in family planning. The RCHD worked to protect the health of the community through immunization services and control of communicable diseases including sexually transmitted infection and tuberculosis.

Reproductive Health Services

The goal of our *Family Planning Services* is to promote reproductive planning by educating and providing reproductive health services to women and men. We strive to prevent unplanned pregnancies by providing our clients with birth control counseling and methods. We encourage men and women to have a reproductive health plan.

Our *Prenatal Services* promote healthy pregnancy outcomes by providing quality prenatal care and education to our clients. We promote breastfeeding and provide education on a broad range of topics to include injury prevention, SIDS, folic acid, premature labor, and more. Services are provided in the clinic and in the home. Prenatal services supported efforts of the Greater Richmond Saving Babies Campaign with a goal of reducing infant mortality.

The *Resource Mothers Program* is a competitive grant-funded program for first-time pregnant teenage parents designed to reduce infant mortality, reduce low birth-weight babies, and to prevent repeat teen pregnancies. Services are provided to participants until their baby's first birthday. Mentors provide counseling, parenting education, ensure that program participants keep medical appointments, and promote staying in school.

GEMS (Girls Empowered to Make Success) is the companion program to Resource Mothers that enrolls younger sisters of participants and other at-risk girls. The primary goal of GEMS is to prevent teen pregnancy among high-risk girls ages 9-15. The program promotes positive life choices by providing adult mentor relationships, involvement in community activities, and goal setting.

RCHD Reproductive Health Services				
Services & Programs	FY 2006-07		FY 2007-08	
	Number patients served	Number of visits	Number patients served	Number of visits
Maternity	363	1,616	564	2465
Family Planning	705	1389	822	1646
Pregnancy tests	275	na	206	na
Resource Mothers	80	na	100	na
GEMS	17	na	18	na
Contracted Family Planning (provided under RCHD contract by local safety-net clinics)				
	Number served FY 06-07		Number served FY 07-08	
V. J. Harris Clinic	1958		1123	
Fan Free Clinic	852		2182	

To help ensure access to care, the RCHC contracts with community health clinics to provide family planning services. Administrative and nursing management operations at these facilities impact the number of patients they served.

WIC (Women's Infants and Children's) Supplemental Food Program

The goal for the Supplemental Nutrition Program for Women, Infants, and Children (WIC) is to provide nutritional supplements and nutritional education to all participants. Participants include pregnant women, post partum women and children up to the age of five. Goals are to improve pregnancy outcomes, prevent nutritional deficiencies and support optimal growth and development. This program plays a vital role in the District's plan to reduce infant mortality and to decrease childhood obesity through nutritional education. In addition, all age appropriate children are screened for lead poisoning.

RCHD WIC Program		
Clients	FY 2006-07	FY 2007-08
	Number served	Number served
WIC clients	6148	6240
Pregnant	773	760
Post partum	589	706
Children	2678	2700
Infants	1781	1850

Communicable Disease Services

The RCHD *Epidemiology Team* conducts surveillance and investigates *reportable diseases* to minimize effects of communicable disease outbreaks within the community. Activities this fiscal year included working successfully with local schools, residence facilities and food service establishments to manage issues of concern.

The *Immunization Program* promotes childhood and adult immunizations to prevent disease outbreaks in our community. RCHD also provides immunizations and initial health services for the *Newcomer Refugee Program*. The *Tuberculosis Control Program* limits transmission of tuberculosis by identification, assessment, monitoring, and treatment of individuals with tuberculosis disease and those exposed to tuberculosis. In addition to clinical treatment, RCHD nursing personnel provided direct observational therapy (DOT) assuring proper drug administrations for 14 active TB cases in FY 07-08.

The *Sexually Transmitted Disease and HIV Team* provides testing, treatment, education, counseling and partner follow-up to prevent the spread of sexually transmitted diseases. With a doubling in numbers of syphilis cases in Richmond between 2006 and 2007, RCHD partnered with the Virginia Department of Health to provide additional training to staff on interviewing individuals to identify sexual contacts and to increase clinical services. Reduction efforts included a public awareness campaign to encourage residents to get tested for sexually transmitted diseases and avoid associated risky behaviors.

RCHD communicable disease services				
Program/Service	FY 2006-07		FY 2007-08	
	Patients served	Clinic visits	Patients served	Clinic visits
STD Clinic	3661	5067	4357	6217
Outreach HIV Screening	180	na	303	na
Immunization (children)	781	862	893	1027
Immunization (adults)	490	699	397	500
TB Clinic	1089	2217	1440	2569
Active TB cases	28	na	14	na

Lead Poisoning Prevention

The goal of *Lead Safe Richmond* is to protect children under the age of 6 years, and pregnant women from the effects of lead poisoning. The major source of lead poisoning comes from houses built before 1978, which were often painted with paint containing lead.

The Lead Program screens children and pregnant women for elevated blood-lead levels and provides case management for lead poisoned children until their blood-lead level fall below dangerous levels; provides environmental assessments in the homes of lead -poisoned children; enforces City ordinances regarding lead paint, and educates families and the community on ways to make their homes lead safe. In the past 4 years, the percent of children who were screened and found with elevated blood-lead levels has been reduced from 5% to 1%.

RCHD Lead Safe Richmond Program		
	FY 2006-07	FY 2007-08
Lead Program cases and services provided	Number	Number
Blood-lead screening	4497	5472
Childhood lead poisoning cases reported	64	58
Case management	64	58
Properties inspected for lead risks	83	82

CHRONIC DISEASE PREVENTION

The *Chronic Disease Prevention Program* conducts health awareness and educational activities to help citizens prevent chronic diseases such as cancer, diabetes, cardiovascular and respiratory disease. The Chronic Disease Prevention Division operates the popular *Rock! Richmond Fitness Program* that is conducted by professional fitness instructors at community sites throughout the City to encourage healthier lifestyles for Richmond citizens. The annual Rock! Richmond survey revealed that approximately 32% of the participants are now exercising 3-4 days per week; 50% reported an improvement in a health related condition (blood pressure, cholesterol, diabetes, etc.); 65% reported an increase in the consumption of fruits and vegetables, and 60% reported an increase in the consumption of whole grains since joining Rock! Richmond.

RCHD Chronic Disease Prevention		
	FY 2006-07	FY 2007-08
Program Activity	Service numbers	Service numbers
Rock Richmond fitness classes conducted	1872 (at 40 sites)	1872 (at 40 sites)
Rock Richmond participants	400/monthly average	1000/monthly average
Chronic Disease Prevention Seminars	12 seminars/148 participants	5 seminars/100 participants 4-CPR/First Aid/AED sessions/28 participants
Health Promotion		
VAL-Pak mailing for stroke awareness	40,000 mailings	100,000 mailings
Stroke Awareness GRTC advertising campaign	24 buses/6-month advertising	12 buses/1-month advertising
Community Education promotion	Prostate Cancer Awareness direct mail promotion (East End): 10,000 mailings	Clean indoor air promotion: 15,000 imprinted pharmacy bags 90,000 magazine distributions

ENVIRONMENTAL HEALTH SERVICES

Environmental Health inspectors inspect all city food establishments and food vendors to ensure quality service and sanitation according to State statutes and regulatory authority. Complaints and cases of food or water-borne illness are investigated to determine and eliminate causes. Environmental Health personnel provide training for food handlers, issue temporary health permits, and inspect street food-vendors. Environmental Health inspectors inspect the local dairy plant under federal guidelines and State statutory authority. They inspect public swimming pools and marinas, conduct animal bite/rabies investigation, West Nile Virus education, and investigate complaints of rodent infestation.

RCHD Environmental Health Services		
	FY 2006-07	FY 2007-08
Activity/Service	Service numbers	Service numbers
Number of restaurant inspections	2,288	2,939
Total number of food service inspections	4,220	4,474
Food permits issued	140	891
Animal bite/rabies investigation	433	251
Positive rabies in animals (<i>no human positives</i>)	3	1
Food borne illness outbreaks	0	0
Hotel/motel inspections	53	77
Swimming pool inspections	73	33
Environmental complaint investigations	793	483
Training classes conducted	12	8
Food handlers trained	473	196

EMERGENCY PREPAREDNESS & RESPONSE

This year the Emergency Preparedness and Response Program concentrated on strengthening ties with the community with a goal of enhancing Richmond's readiness for natural and man-made disasters. RCHD provided and participated in a variety of training and educational programs, refined our plans for disasters, and exercised those plans. The District exercised plans to deliver vaccine during an influenza pandemic by holding a "drive through" seasonal influenza vaccination exercise in November 2007. Over 900 Richmonders received a free flu shot as part of this 6-hour event. The Richmond Medical Reserve Corps, a volunteer program that supports public health efforts during disasters, grew in membership to over 90 volunteers.

COMMUNITY BASED PROGRAMS

Adolescent Health-Helping Youth Prevent Pregnancy (HYPP)

The RCHD Adolescent Health Program focuses on teenage pregnancy prevention. The Helping Youth Prevent Pregnancy Program offers a wide range of educational services including a curriculum-based life skills and sexuality information program to adolescents in Richmond Public Schools and within the community. The major focus is to prevent teenage pregnancy by helping to build skills that will motivate young people and encourage healthy lifestyle choices.

The City of Richmond Teen Pregnancy Prevention Initiative and Richmond City Health District Teen Pregnancy Prevention Program combined during the fiscal year to improve effectiveness of teen pregnancy prevention programming. RCHD now provides oversight for coordination of City and Health Department activities

Helping Youth Prevent Pregnancy FY 07-08	
Program Activity	
Teen Pregnancy Public Awareness Campaign	City of Richmond teen pregnancy prevention TV documentary produced Radio advertisement (296 spots)- 50% population impression ratio (estimated)
Helping Youth Prevent Pregnancy (HYPP) Program	78 participants
Middle school program	1,918 youth served
High school program	769 youth served
Community-based services (Plain talk)	Household contacts = 465 Participants = 243

Partners In Prevention Program (PIP)

The goal of the Partners In Prevention Program is to reduce the incidence of non-marital births among a target population of men and women ages 20-29, without increasing the incidence of abortion. The program provides education, mentoring and counseling on the benefits of waiting until marriage to conceive a child with the intent of ensuring a stable and healthy family foundation. One hundred men between the ages of 20-29 attended workshops on reducing unintended and/or unmarried births. Pre/post surveys indicated a gain in knowledge regarding methods to prevent pregnancies.

Partners In Prevention Program		
Program Activity	FY 07-08	FY 07-08
Number of men in program	100	100
Age range of participants	Ages 20-29	Ages 20-29
Workshop hours attended	20	20

Community Service

The RCHD conducts community health promotion and participates in numerous community activities such as health fairs, conferences and special events to provide health education and outreach services within the community. Public information is provided to the public on issues that impact the health and well-being of Richmond residents.

RCHD Community Service		
	FY 2006-07	FY 2007-08
Activity/Service	Service numbers	Service numbers
Health fair participation	24	18
Speakers bureau and health presentations	5	12
HIV/AIDS outreach screening events	6	5
Outreach Flu shot clinics	4	5

Community Partnering

The RCHD strengthened partnerships, established new relationships, and participated in various organizations, committees and task forces. Interaction with VCU Health Systems School of Public Health and School of Nursing provided opportunities for clinical experience to students and collaboration on grant applications and/or research studies. Memberships and community partnerships included association with: *Richmond Healthy Start Executive Committee, Healthy Start Consortium, REACH Board, City of Richmond Teen Pregnancy Steering Committee, VDH Family Planning Advisory Committee, City of Richmond Vision 2020 Planning Committee, School Health Services Partnership, School Health Advisory Board, Head Start Medical Advisory Group, Family Life Committee, Lead Poison Task Force, Emergency Response representation (MMRC, CRI, Pandemic Flu Plan), American Cancer Society, Virginia Healthy Pathways Coalition, Richmond Ambulance Authority, Virginia Diabetes Council, Health Promotions for People with Disabilities, the Tobacco Use Control Project, Community Planning and Management Team for Richmond City CSA office (CPMT), VCU School of Public Health, VCU School of Nursing.*

Richmond Smiles Mobile Dental Services

The RCHD partnered with the Virginia Department of Health and Capital Area Health Network to launch the Richmond Smiles Mobile Dental Program in April, 2008. Low cost dental services were provided to uninsured Richmond residents at the following service locations within the community: RCHD Tenth Street Clinic, Hotchkiss Community Center-in cooperation with Richmond City Parks and Recreation. Also, Ramsey Memorial Church-in cooperation with Bon Secours Care-A-Van, and Saint Paul’s-South Church. Plans are underway to expand dental program services to additional community sites. Richmond Smiles provided dental care to more than 200 residents in FY 07-08.

George Wythe High School Health Center

Through collaboration with the Richmond Public Schools (RPS), Communities-In-Schools (CIS) and other partners, significant progress was made toward establishing a school health center at George Wythe High School. Plans were developed for build-out of the existing school nurse’s office space and an implementation process. The RCHD and CIS, along with RPS is continuing to work with partners and pursuing community support and funding to make the school health center a reality.

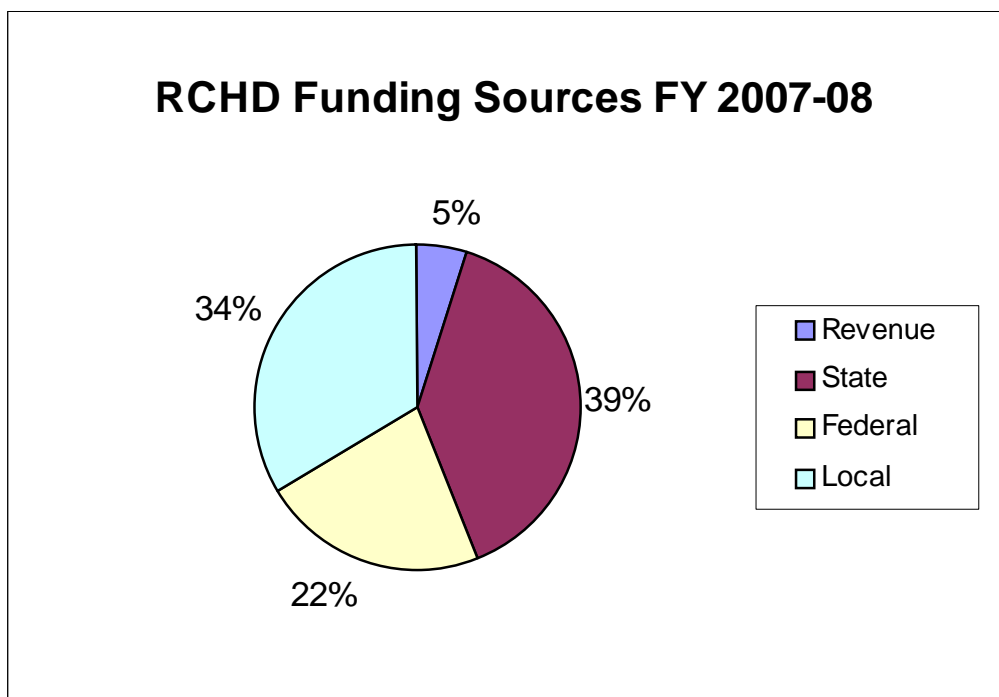
ADMINISTRATIVE SERVICES

Office of Vital Records

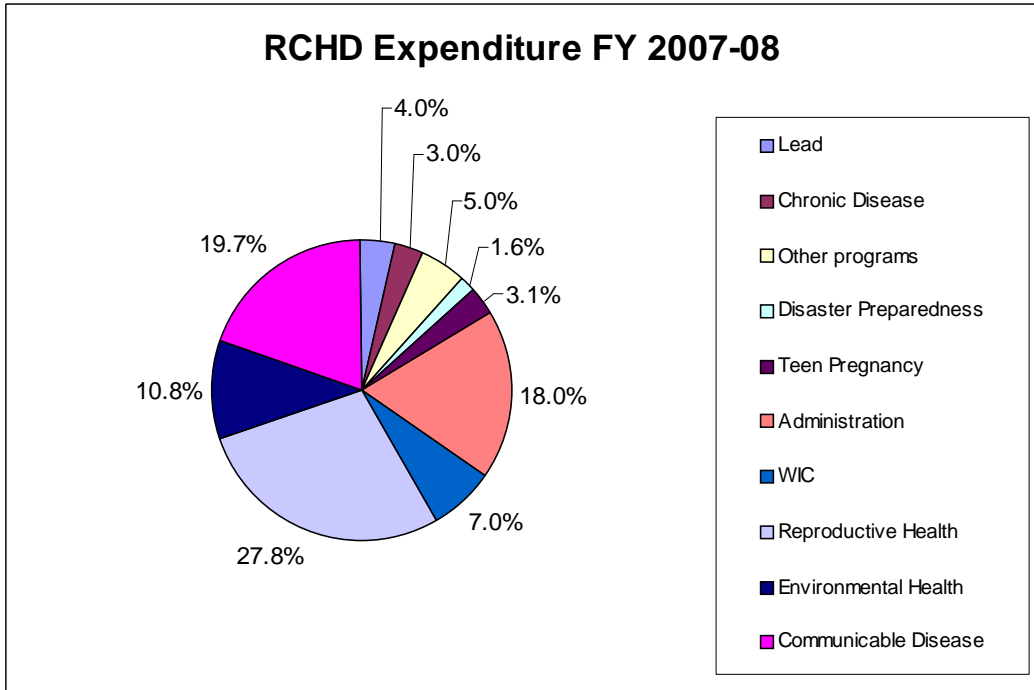
Administrative Services provided oversight and business management to all RCHD operations. This included management of the Office of Vital Records which issues copies of death certificates for all deaths that occurs in the City of Richmond. The RCHD Office of Vital Records issued 28,374 death certificate copies in fiscal year 2007-08.

FUNDING & OPERATIONS

The Richmond City Health District was budgeted at a level of \$10,061,557, which is comprised of several funding sources. The funding expenditures are based on state mandated services and meeting the legal requirements of the many grants we receive.



The above chart represents a total of \$10,061,557 in funding. \$7,145,301 was comprised of state funds, \$2,755,987 local funds, \$ 521,925 revenue funds and \$2, 916,256 in federal grants.



The funding level for this fiscal year increased slightly over the previous year. However, the health services demands also increased. The RCHD funding level is keeping pace with funding needs due to an increase in federal grant funding.