

## Public Health

Agency Number: **44**  
 Budget Function: **Public Safety and Health**

The Madison Department of Public Health is the official agency of the City of Madison responsible for promotion of wellness, prevention of disease and provision of a healthful environment. The Department serves as an initiator, advocate and provider of preventive services to identify and minimize health risk. The Department collaborates with other professionals and consumers in the development of a systematic, community-wide network of services.

| <u>Major Service</u>            | <u>1999<br/>Actual</u> | <u>2000<br/>Budget</u> | <u>2000<br/>Projected</u> | <u>2001<br/>Request</u> | <u>2001<br/>Executive</u> | <u>2001<br/>Adopted</u> |
|---------------------------------|------------------------|------------------------|---------------------------|-------------------------|---------------------------|-------------------------|
| Chronic Disease Prevention      | \$ 204,456             | \$ 320,028             | \$ 320,028                | \$ 136,147              | \$ 345,491                | \$ 0                    |
| Communicable Disease Control    | 1,716,273              | 1,567,263              | 1,567,263                 | 1,547,229               | 1,453,349                 | 0                       |
| Environmental Hazards           | 297,336                | 453,493                | 453,493                   | 393,926                 | 393,926                   | 0                       |
| Health Promotion                | 1,440,151              | 1,425,223              | 1,425,223                 | 1,509,320               | 1,393,856                 | 0                       |
| Community Health Planning       | 262,630                | 317,288                | 317,288                   | 386,424                 | 397,172                   | 0                       |
| Environmental Health Regulation | 130,351                | 174,663                | 174,663                   | 242,340                 | 242,340                   | 0                       |
| <b>Agency Total</b>             | <u>\$ 4,051,197</u>    | <u>\$ 4,257,958</u>    | <u>\$ 4,257,958</u>       | <u>\$ 4,215,386</u>     | <u>\$ 4,226,134</u>       | <u>\$ 0</u>             |

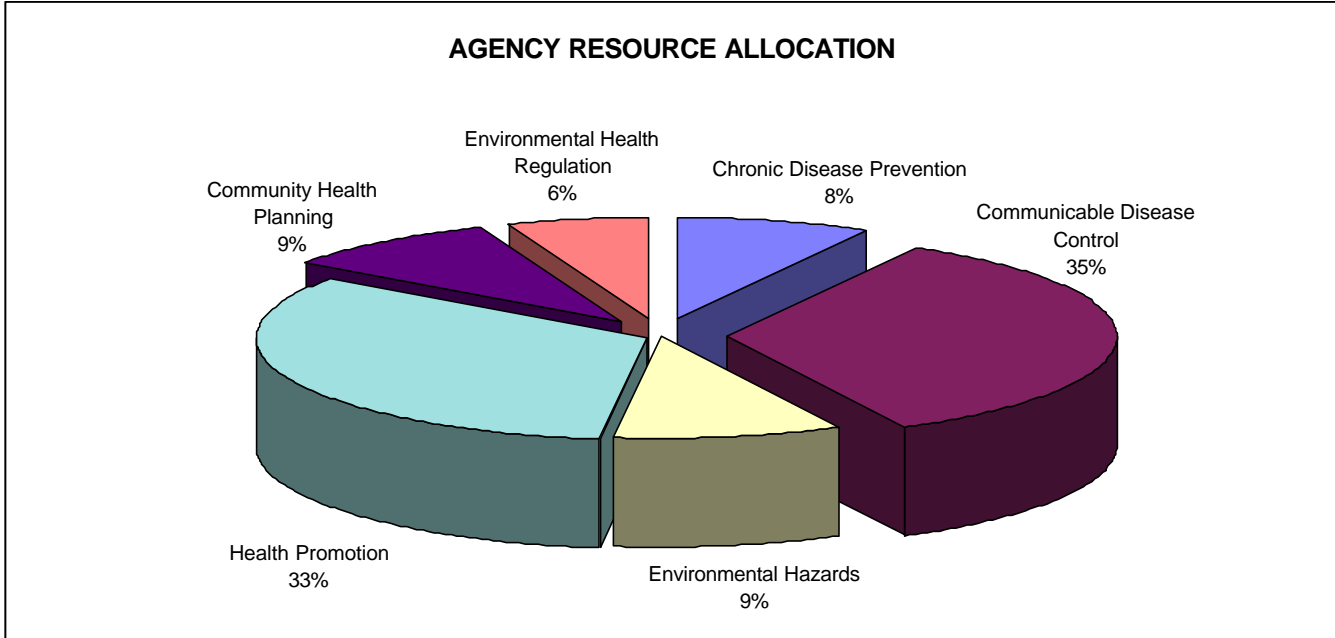
### Executive Budget Highlights

The Budget includes:

1. Additional funding for the first full year of operations of the new East Health and Library facility.
2. A decrease of \$33,695 in revenues from the Water Utility, as a result of reduced laboratory testing.
3. Increased revenue of \$38,000 related to a proposed doubling of Section 7.47 non-storm water discharge permit rates, which have not been increased in over 18 years.
4. Increased revenue of \$82,120 from various State and Federal grants.
5. Increased fees for pre-inspections of licensed establishments, re-inspection of food establishments with serious health code violations, as well as increased fees for animal impoundment and the creation of a new re-inspection fee for swimming pools for safety and health reasons. These fee increases are expected to generate approximately \$19,800 of total additional revenue.
6. A 1% reduction in funding for the Madison Community Health Center and the Harambee Dental Clinic, for savings of \$2,114.
7. To improve the quality, delivery, and coordination of City services to residents, Public Health staff participate on neighborhood resource teams.

In addition to the Requested Budget amount shown above, the agency submitted supplemental budget requests totaling \$179,420.

## Public Health



### Budget Service Descriptions:

#### **Chronic Disease Prevention**

Goal: To prevent the onset or limit the disabling effects of non-communicable diseases. Community Bench-mark 1: The rate of daily smoking by Madison youth (Dane County Youth Survey) will be less than 10% by the year 2000 survey. This benchmark has been met. Based on the 2000 Youth Assessment, the percentage of 7th-12th graders in the Madison reporting daily smoking dropped to 8% (from 11% in 1995). The percentage reporting no smoking in the past year increased to 68% (from 60% in 1995). Community Bench-mark 2: The rate of refusing to sell tobacco to minors among Madison tobacco vendors will be 90%. The Department program to assess vendor compliance (spring 1997- summer 1998) found that in 88.5% of vendor checks, youth were denied tobacco. Department Benchmark 1: 100% of pregnant women seen for prenatal care coordination or enrolled in the WIC program will have their smoking status assessed and will receive advice to quit smoking. This benchmark is being met. In 1998, 13.8% (down from 14.8 in 1997) of Madison women who gave birth reported smoking during pregnancy. The rate for pregnant Madison women in the WIC Program is 19% (April, 2000), an improvement over the 1999 rate of 28%, (April 2000). 11% of pregnant WIC clients reported having quit smoking during or after pregnancy (April 2000).

| <b>Service Summary</b>     |                        |                        |                           |
|----------------------------|------------------------|------------------------|---------------------------|
|                            | <b>1999<br/>Actual</b> | <b>2000<br/>Budget</b> | <b>2001<br/>Executive</b> |
| Total Expenditures         | \$ 284,684             | \$ 478,796             | \$ 543,789                |
| Less Inter-Agency Billings | 80,228                 | 158,768                | 198,298                   |
| <b>Net Total</b>           | <b>\$ 204,456</b>      | <b>\$ 320,028</b>      | <b>\$ 345,491</b>         |

## Communicable Disease Control

Goal: To prevent, control or eradicate communicable diseases. Community Benchmark 1: 90% of children to receive the appropriate immunizations by age 2. The Year 2001 goal is 90%. A random record audit of Dane County children, 18- 36 months found that 56% had received the primary immunization series by the study date. Department Benchmark 1: 90% of children who start their primary immunization series with the department will complete this series by age 10 months. Community Benchmark 2: Madison residents diagnosed with infectious TB will remain isolated until 3 sputum specimens are smear or culture negative, while still smear positive for M. TB. Community Benchmark 2: All TB cases will be placed on a CDC/ATS recommended regimen within 24 hours of having sputum collection. Department benchmark 2: All Madison residents with TB disease will complete the prescribed treatment regimen within the prescribed time. In 1999, all persons with infectious TB were isolated within 24 hours of diagnosis, began and completed a recommend treatment course.

| <b>Service Summary</b>     |                        |                        |                           |
|----------------------------|------------------------|------------------------|---------------------------|
|                            | <b>1999<br/>Actual</b> | <b>2000<br/>Budget</b> | <b>2001<br/>Executive</b> |
| Total Expenditures         | \$ 1,915,796           | \$ 1,705,762           | \$ 1,637,109              |
| Less Inter-Agency Billings | <u>199,523</u>         | <u>138,499</u>         | <u>183,760</u>            |
| Net Total                  | <u>\$ 1,716,273</u>    | <u>\$ 1,567,263</u>    | <u>\$ 1,453,349</u>       |

## Environmental Hazards

Goal: To protect the community from chemical and physical hazards. Objectives: 1) to identify/evaluate environmental hazards that may present unacceptable risk to the community; 2) to control identified environmental hazards through enforcement, education, technical assistance and referral; and 3) to provide testing services and consultation to assist other agencies in protecting the public from hazards. Benchmark 1: Reduction of lead poisoning among children under age 6. Lead Program efforts are aimed at screening children for lead to identify cases of lead poisoning and reducing lead hazards due to lead paint and lead in drinking water. In 1999, 144 children were screened for lead poisoning, and 5 (3.5%) had elevated blood levels warranting follow up.

| <b>Service Summary</b>     |                        |                        |                           |
|----------------------------|------------------------|------------------------|---------------------------|
|                            | <b>1999<br/>Actual</b> | <b>2000<br/>Budget</b> | <b>2001<br/>Executive</b> |
| Total Expenditures         | \$ 691,386             | \$ 815,384             | \$ 765,522                |
| Less Inter-Agency Billings | <u>394,050</u>         | <u>361,891</u>         | <u>371,596</u>            |
| Net Total                  | <u>\$ 297,336</u>      | <u>\$ 453,493</u>      | <u>\$ 393,926</u>         |

## Health Promotion

Goal: To improve the capabilities of families to promote the health of their family members. Community Benchmark 1: The Year 2000 Goals are 90% of pregnant women will begin prenatal care during the first trimester, and less than 2% will begin prenatal care during the third trimester or receive no prenatal care. Between 1994 and 1998, 86.7% of Madison mothers began prenatal care during the first trimester, while 2.3% either began prenatal care during the third trimester or failed to begin prenatal care. Department Benchmark 1: 100% of clients enrolled in the Department prenatal care coordination program will begin prenatal care during the first or second trimester. An 1998 record audit found that 95% of these clients began prenatal care before the third trimester. Community Benchmark 2: Less than 5% of children born in Madison will weigh < 2500 gm at birth. The five year average, 1994-1998, was 6.5% among Madison births. Department Benchmark 2: The 3 year moving average of percent LBW births among women enrolled in WIC for at least 7 months will be less than 5% at each semi-annual assessment. The rate among women enrolled in the Madison WIC program for at least 7 months was 4.7%. (Based on semi-annual assessments from April 1996 through April 1999.) The rate among all women enrolled in WIC during the same time period was 7.7%.

| <b>Service Summary</b>     |                        |                        |                           |
|----------------------------|------------------------|------------------------|---------------------------|
|                            | <b>1999<br/>Actual</b> | <b>2000<br/>Budget</b> | <b>2001<br/>Executive</b> |
| Total Expenditures         | \$ 2,233,026           | \$ 2,174,076           | \$ 2,201,283              |
| Less Inter-Agency Billings | <u>792,875</u>         | <u>748,853</u>         | <u>807,427</u>            |
| Net Total                  | <u>\$ 1,440,151</u>    | <u>\$ 1,425,223</u>    | <u>\$ 1,393,856</u>       |

## Community Health Planning

Goal: Provide leadership to develop a community-wide system to identify and meet health needs. Objective: To identify community health needs and priorities based on data. Benchmark 1: Develop a community health assessment process and community health plan. This benchmark has been met, and priority themes are: access to affordable health care, safe food and water, infectious diseases, safety and injury prevention, and prevention and health education. Benchmark 2: Develop community improvement plans to meet identified health needs. Strategic directions for all priorities have been determined. An access to dental care report has been prepared and ten safety listening sessions were conducted. Community injury prevention plans are being developed. All activities related to unification of public health are included in this service, and in 1999, \$20,457 was spent on unification work.

| <b>Service Summary</b>     |                        |                        |                           |
|----------------------------|------------------------|------------------------|---------------------------|
|                            | <b>1999<br/>Actual</b> | <b>2000<br/>Budget</b> | <b>2001<br/>Executive</b> |
| Total Expenditures         | \$ 287,533             | \$ 376,387             | \$ 420,461                |
| Less Inter-Agency Billings | <u>24,903</u>          | <u>59,099</u>          | <u>23,289</u>             |
| Net Total                  | <u>\$ 262,630</u>      | <u>\$ 317,288</u>      | <u>\$ 397,172</u>         |

## Environmental Health Regulation

Goal: This program fulfills the Community protection goals and objectives cited under Communicable Disease and Environmental Hazards. Benchmark 1: Food protection. Food inspection and education services are aimed at minimizing this threat. Indicators of the Health Department's food protection efforts are reflected in the sanitation status of the establishments and the number of enforcement actions taken. During 1999, 853 restaurants, 314 retail and other food establishments, and 887 temporary restaurants were inspected. The average score of the permanent establishments was 18, with 0 being a perfect score and scores over 30 indicating significant sanitation problems. 58 establishments were referred to the city attorney for health code violations, resulting in \$18,393 in fines.

Benchmark 2: Swimming pool sanitation. Inspection and sampling of public swimming facilities minimize the potential for transmission of communicable diseases such as cryptosporidiosis. Indicators of pool safety are reflected by the swimming pool inspections completed by the public health sanitarians and the water samples collected for bacteriological analyses. During 1998, 170 pools were licensed and 1,529 on-site visits were made to determine compliance with pool sanitation standards. During 4.8 % of the visits, sanitarians issued an order to close a pool because of the presence of one or more hazardous conditions.

| <b>Service Summary</b>     |                        |                        |                           |
|----------------------------|------------------------|------------------------|---------------------------|
|                            | <b>1999<br/>Actual</b> | <b>2000<br/>Budget</b> | <b>2001<br/>Executive</b> |
| Total Expenditures         | \$ 168,791             | \$ 607,353             | \$ 696,926                |
| Less Inter-Agency Billings | 38,440                 | 432,690                | 454,586                   |
| Net Total                  | <u>\$ 130,351</u>      | <u>\$ 174,663</u>      | <u>\$ 242,340</u>         |

## Community Agency Contracts - Detail

The Year 2000 Operating budget contains funding to contract with the following agencies:

CENTERS FOR PREVENTION AND INTERVENTION \$16,000

Conducts compliance checks and provides education to tobacco vendors in the City to gather information about tobacco vendor compliance with the City's ordinances prohibiting sales of tobacco to youth under 18 years of age. Checks will be conducted at all establishments that sell tobacco in the City, except for establishments restricted to adults by law.

MADISON COMMUNITY HEALTH CENTER \$33,000

Diagnosis and treatment of sexually transmitted diseases.

MADISON COMMUNITY HEALTH CENTER \$187,415

Community health services funding for adult primary health care, health education, medical social case management, and maternal and child health services.

HARAMBEE DENTAL CLINIC \$21,929  
 Provides emergency dental care (relief of pain and treatment of dental infections) and other dental care (extractions, basic restorations, and endotics) using volunteer dentists to provide services to low income City residents unable to afford dental care.

MADISON AREA TECHNICAL COLLEGE (SCHOOL OF DENTAL HYGIENE) \$12,500  
 Provides comprehensive dental care to low income City children of 3 to 18 years of age who do not have dental insurance or medical assistance. Comprehensive dental services include preventative dental care, counseling and education, x-rays, and operative and surgical procedures.

**Total Community Agency Contracts:** \$270,844

**Public Health  
 Summary by Major Object of Expenditure**

|                            | <b>1999<br/>Actual</b> | <b>2000<br/>Budget</b> | <b>2000<br/>Projected</b> | <b>2001<br/>Request</b> | <b>2001<br/>Executive</b> | <b>2001<br/>Adopted</b> |
|----------------------------|------------------------|------------------------|---------------------------|-------------------------|---------------------------|-------------------------|
| Permanent Salaries         | \$ 3,290,856           | \$ 3,640,869           | \$ 3,640,869              | \$ 3,634,786            | \$ 3,634,786              | \$ 0                    |
| Hourly Employee Pay        | 25,937                 | 17,139                 | 17,139                    | 24,636                  | 24,636                    | 0                       |
| Overtime Pay               | 2,530                  | 2,051                  | 2,051                     | 2,051                   | 2,051                     | 0                       |
| Fringe Benefits            | 971,468                | 1,149,054              | 1,149,054                 | 1,147,927               | 1,147,927                 | 0                       |
| Purchased Services         | 908,539                | 939,709                | 939,709                   | 1,009,012               | 1,039,595                 | 0                       |
| Supplies                   | 169,680                | 185,625                | 185,625                   | 183,685                 | 191,120                   | 0                       |
| Inter-Departmental Charges | 195,745                | 205,797                | 205,797                   | 205,427                 | 216,175                   | 0                       |
| Debt/Other Financing Uses  | 0                      | 0                      | 0                         | 0                       | 0                         | 0                       |
| Fixed Assets               | 16,461                 | 17,514                 | 17,514                    | 8,800                   | 8,800                     | 0                       |
| Total Expenditures         | \$ 5,581,216           | \$ 6,157,758           | \$ 6,157,758              | \$ 6,216,324            | \$ 6,265,090              | \$ 0                    |
| Inter-Agency Billings      | 1,530,019              | 1,899,800              | 1,899,800                 | 2,000,938               | 2,038,956                 | 0                       |
| Net Budget                 | \$ 4,051,197           | \$ 4,257,958           | \$ 4,257,958              | \$ 4,215,386            | \$ 4,226,134              | \$ 0                    |