

ENVIRONMENTAL HEALTH

PROGRAM MISSION

To prevent disease from environmental sources through education, identification of public health risks and enforcement of public health laws.

- The food safety program ensures sanitation standards are maintained in the approximately 1,690 food establishments under regulation.
- The swimming pool safety/sanitation program ensures sanitation and safety standards are maintained in the approximately 260 swimming pools under regulation.
- The centralized rodent control program responds to citizen complaints and assesses and reduces community rat populations in residential and commercial areas.
- The rabies control program minimizes human exposure to rabies through animal control, animal vaccination and education.
- The general environmental health program ensures sanitation and safety standards are maintained in day care centers, public and private schools and homes for adults, and monitors on site sewage disposal, well water quality and radiological sources.
- The arbovirus control program monitors vectors of arboviral diseases and uses physical, biological and chemical control methods to reduce the chances of transmission of the disease to humans.

PROGRAM FINANCIAL SUMMARY

|                              | FY 2007<br>Actual | FY 2008<br>Revised | FY 2009<br>Proposed | % Change<br>'08 to '09 |
|------------------------------|-------------------|--------------------|---------------------|------------------------|
| Personnel                    | \$1,317,504       | \$1,323,104        | \$1,396,620         | 6%                     |
| Non-Personnel                | 54,572            | 144,349            | 84,637              | -41%                   |
| <b>Total Expenditures</b>    | <b>1,372,076</b>  | <b>1,467,453</b>   | <b>1,481,257</b>    | <b>1%</b>              |
| Fees                         | 360,979           | 350,000            | 353,000             | 1%                     |
| State Share                  | 354,709           | 354,709            | 374,350             | 6%                     |
| <b>Total Revenues</b>        | <b>715,688</b>    | <b>704,709</b>     | <b>727,350</b>      | <b>3%</b>              |
| <b>Net Tax Support</b>       | <b>\$656,388</b>  | <b>\$762,744</b>   | <b>\$753,907</b>    | <b>-1%</b>             |
| Permanent FTEs               | 17.0              | 17.0               | 18.0                |                        |
| Temporary FTEs               | -                 | -                  | -                   |                        |
| <b>Total Authorized FTEs</b> | <b>17.0</b>       | <b>17.0</b>        | <b>18.0</b>         |                        |

SIGNIFICANT BUDGET HIGHLIGHTS

- ↑ Personnel expenditures include normal salary increases, an increase in employer retirement contributions to maintain full funding of the retirement fund, a ten percent increase in employer health insurance rates. In addition, one FTE is transferred from the Family Health Bureau to the Vector Control program in Environmental Health.
- ↓ Non-personnel expenditure decrease primarily reflects the elimination of reserve funding for an annual contract to provide large-scale truck spraying in the event of a human outbreak of West Nile Virus (\$59,768). This service has never been used in six years.
- ↑ State Share increased due to additional Virginia Department of Health Cooperative Agreement funds.

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PERFORMANCE MEASURES

General Environmental Health, Food Inspection Program, Swimming Pool Inspections

| Critical Measures  | FY 2004 Actual | FY 2005 Actual | FY 2006 Actual | FY 2007 Actual | FY 2008 Estimate | FY 2009 Estimate | FY 2009 Target |
|--|----------------|----------------|----------------|----------------|------------------|------------------|----------------|
| Percent of permanent service food establishments inspected | N/A            | N/A            | 71%            | 63%            | 65%              | 71%              | 80%            |
| Percent of temporary food service establishments inspected | N/A            | N/A            | 100%           | 100%           | 100%             | 100%             | 100%           |

| Supporting Measures   | FY 2004 Actual | FY 2005 Actual | FY 2006 Actual | FY 2007 Actual | FY 2008 Estimate | FY 2009 Estimate | FY 2009 Target |
|---|----------------|----------------|----------------|----------------|------------------|------------------|----------------|
| Number of food establishments that were not in compliance with the food code but after enforcement actions were initiated were brought into compliance  | 272            | 378            | 363            | 377            | 370              | 370              | 360            |
| Percent of food establishments that were not in compliance with the food code but after enforcement actions were initiated were brought into compliance | 35%            | 73%            | 75%            | 78%            | 100%             | 80%              | 100%           |
| Number of occurrences in which swimming pools were found to be below standard and were closed   | 59             | 72             | 53             | 57             | 50               | 55               | 50             |
| Percent of occurrences in which swimming pools were found to be below standard and were closed  | 100%           | 100%           | 100%           | 100%           | 100%             | 100%             | 100%           |
| Percent of complainants who respond as being satisfied with the swimming pool safety and health services provided                                       | N/A            | N/A            | N/A            | N/A            | 95%              | 75%              | 95%            |
| Number of cases in which staff began investigation of food borne illness complaint within the same day that the case was reported                       | 92             | 97             | 101            | 103            | 105              | 110              | 110            |
| Percent of cases in which staff began investigation of food borne illness complaint within the same day that the case was reported                      | 94%            | 96%            | 98%            | 98%            | 100%             | 100%             | 100%           |
| Percent of incidents of environmental source disease and public health hazards responded to within 24 hours of receiving the report                     | 90%            | 91%            | 92%            | 90%            | 100%             | 92%              | 100%           |
| Total number of food establishment inspections  | 2,456          | 3,242          | 3,008          | 2,652          | 4,125            | 3,400            | 4,125          |
| Inspections of permanent food service establishments  | 2,090          | 2,863          | 2,626          | 2,261          | 3,700            | 3,000            | 3,700          |
| Inspections of temporary food service establishments  | 366            | 379            | 382            | 391            | 425              | 400              | 425            |
| Number of food establishment licenses revoked or suspended  | 63             | 89             | 70             | 67             | 65               | 70               | 65             |
| Inspections of swimming pools   | 352            | 545            | 775            | 792            | 800              | 800              | 800            |
| Inspections of general Environmental Health facilities  | 182            | 193            | 199            | 197            | 199              | 205              | 205            |

- The goal for the number of inspections for swimming pools was calculated by using a recommended standard frequency of three inspections per year for seasonal swimming pools and six inspections per year for year round swimming pools.

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Animal and Rodent Control Program

| Critical Measures   | FY 2004 Actual | FY 2005 Actual | FY 2006 Actual | FY 2007 Actual | FY 2008 Estimate | FY 2009 Estimate | FY 2009 Target |
|---|----------------|----------------|----------------|----------------|------------------|------------------|----------------|
| Number of rodent control cases brought into compliance within 90 days of the initial investigation  | 623            | 522            | 257            | 235            | 325              | 325              | 325            |
| Percent of rodent control cases brought into compliance within 90 days of the initial investigation | 64%            | 60%            | 94%            | 100%           | 100%             | 100%             | 100%           |

| Supporting Measures  | FY 2004 Actual | FY 2005 Actual | FY 2006 Actual | FY 2007 Actual | FY 2008 Estimate | FY 2009 Estimate | FY 2009 Target |
|--|----------------|----------------|----------------|----------------|------------------|------------------|----------------|
| Percent of complainants who respond as being satisfied with the rodent control service given | N/A            | N/A            | N/A            | N/A            | 80%              | 80%              | 100%           |
| Number of animals quarantined for exposure to rabid animals or for biting humans             | 119            | 125            | 135            | 102            | 144              | 144              | 100            |
| Number of animals vaccinated for rabies prevention   | 656            | 708            | 749            | 696            | 790              | 800              | 700            |

- The number of rodent control cases brought into compliance within 90 days of the initial investigation is lower in FY 2006 and FY 2007 due to staffing vacancies and the elimination of a position due to the loss of LPACAP funds.
- The number of animals vaccinated for rabies by Arlington Animal Welfare League will most likely remain static because there are a number of alternative low cost vaccination locations such as commercial pet food establishments and pet stores.

Arbovirus Control Program

| Critical Measures   | FY 2004 Actual | FY 2005 Actual | FY 2006 Actual | FY 2007 Actual | FY 2008 Estimate | FY 2009 Estimate | FY 2009 Target |
|---|----------------|----------------|----------------|----------------|------------------|------------------|----------------|
| Number of mosquito breeding areas identified by complaints that were eliminated or placed under control within 14 days  | 66             | 69             | 36             | 82             | 150              | 150              | 150            |
| Percent of mosquito breeding areas identified by complaints that were eliminated or placed under control within 14 days | 89%            | 89%            | 86%            | 100%           | 100%             | 100%             | 100%           |

| Supporting Measures   | FY 2004 Actual | FY 2005 Actual | FY 2006 Actual | FY 2007 Actual | FY 2008 Estimate | FY 2009 Estimate | FY 2009 Target |
|---|----------------|----------------|----------------|----------------|------------------|------------------|----------------|
| Number of arbovirus complaints investigated within 2 days of receipt of referral  | 101            | 93             | 51             | 28             | 150              | 150              | 150            |
| Percent of arbovirus complaints investigated within 2 days of receipt of referral | 100%           | 100%           | 85%            | 90%            | 95%              | 100%             | 100%           |