

# **State of Alaska FY2002 Governor's Operating Budget**

Department of Health and Social Services  
Epidemiology  
Component

## **Component: Epidemiology**

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## **Component Mission**

To provide surveillance, epidemic response, investigation and control of acute and chronic diseases and injuries through defining causal factors, identifying and directing control measures and providing a basis for policy for development, program planning and evaluation.

## **Component Services Provided**

- Provide trained public health professional services for partner notification and contact identification and contact identification, education, diagnosis, treatment, and tracking for tuberculosis, HIV, STD, and other infectious diseases that can be transmitted from person to person.
- Establish and maintain a system of direct disease reporting to the Section of Epidemiology from laboratories.
- Assure adequacy of immunization outreach and access to vaccinations to insure that all Alaska children receive vaccinations to be in compliance with new daycare and school immunization requirements.
- Support Alaska school districts to successfully implement the Youth Risk Behavior Survey (YRBS) in 2001.
- Develop educational curriculum regarding Arctic environmental contaminants and continue measurements of exposure levels of Alaskans contaminants.
- Maintain all existing programs and meet federal grant objectives and state outcome measures for Immunization, Tuberculosis, Sexually Transmitted Diseases, HIV/AIDS, Diabetes, Cancer, Heart Disease, Injury Prevention, Surveillance, Environmental Health Risk Assessment, Epidemic Response, Occupational Injury Prevention, Lead, Arthritis.
- Continue to develop and improve existing data systems to support surveillance, provide an accurate picture of the health status of Alaskans, and enable improved evaluation of program activities.
- Increase cooperative activities with Sections in Division of Public Health, with other divisions within DHSS, and with other agencies with health missions in Alaska.
- Maintain medical and epidemiological expertise needed to accomplish mission.
- Develop public health guidelines for consumption of subsistence foods.

## **Component Goals and Strategies**

The Section of Epidemiology is responsible for surveillance, epidemic response, investigation, and control of acute and chronic diseases and injuries through defining causal factors, identifying and directing control measures, and providing a basis for policy development, program planning and evaluation.

"A foundation stone for public health activities is an assessment and surveillance capacity that identifies problems, provides data to assist in decisions about appropriate actions and monitors progress." Epidemiology has long been considered the essential science of public health, and a strong assessment and surveillance system based on epidemiological principles is a fundamental part of a technically competent public health system.

### **Key Component Issues for FY2001 – 2002**

Insuring that the funding is available for responses to disease outbreaks and control of emerging infectious diseases.

Continuing to build on the current foundation for ensuring that all children are immunized on time.

Support development of consensus guidelines for consumption of subsistence foods and commercial seafoods.

### **Major Component Accomplishments for FY2000**

Implementation of the second dose measles vaccine.

Building of immunization coalitions.

### **Statutory and Regulatory Authority**

AS 09.65.121	Actions, Immunities, Defenses and Duties
AS 09-25.120	Evidence, Presumptions, Public Records and Privileges
AS 14.07.020	Administration of Public Schools
AS 14.30	Pupils and Educational Programs for Pupils
AS 18.05.010-.070	Administration of Public Health and Related Laws
AS 18.60.010 & .030	Safety
AS 18.15.120 - 320	Disease Control
AS 44.29.020	Department of Health & Social Services
AS 47.35.010	Child Care Facilities, Child Placement Agencies, Child Treatment Facilities, Foster Homes, and Maternity Homes
4 AAC 06.055	Government of Schools - Immunizations Required
4 AAC 60.115	Pre-Elementary Schools - Immunizations Required
7AAC 12.650	Employee Health Program
7AAC 27.005-.900	Preventative Medical Services
7AAC 50.450,.455	Health in Care Facilities
7AAC 75.220	Health Care Facilities - General Employment
7 AAC 78.010-.320	Grant Programs
13 AAC 08.025	Medical Standards

## Epidemiology

### Component Financial Summary

All dollars in thousands

	FY2000 Actuals	FY2001 Authorized	FY2002 Governor
<b>Non-Formula Program:</b>			
<b>Component Expenditures:</b>			
71000 Personal Services	3,787.3	4,148.2	4,655.2
72000 Travel	244.7	261.4	316.4
73000 Contractual	1,011.5	1,057.0	1,221.6
74000 Supplies	588.9	758.3	758.3
75000 Equipment	0.0	80.0	80.0
76000 Land/Buildings	0.0	0.0	0.0
77000 Grants, Claims	1,291.9	1,535.8	1,535.8
78000 Miscellaneous	0.0	0.0	0.0
<b>Expenditure Totals</b>	<b>6,924.3</b>	<b>7,840.7</b>	<b>8,567.3</b>
<b>Funding Sources:</b>			
1002 Federal Receipts	4,556.2	5,302.8	5,260.9
1004 General Fund Receipts	2,012.5	2,055.4	2,938.8
1007 Inter-Agency Receipts	305.6	411.5	317.6
1053 Investment Loss Trust Fund	0.0	7.3	0.0
1108 Statutory Designated Program Receipts	50.0	63.7	50.0
<b>Funding Totals</b>	<b>6,924.3</b>	<b>7,840.7</b>	<b>8,567.3</b>

### Estimated Revenue Collections

Description	Master Revenue Account	FY2000 Actuals	FY2001 Authorized	FY2001 Cash Estimate	FY2002 Governor	FY2003 Forecast
<b>Unrestricted Revenues</b>						
None.		0.0	0.0	0.0	0.0	0.0
<b>Unrestricted Total</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Restricted Revenues</b>						
Federal Receipts	51010	4,556.2	5,302.8	5,302.8	5,260.9	5,269.0
Interagency Receipts	51015	305.6	411.5	411.5	317.6	321.5
Statutory Designated Program Receipts	51063	50.0	63.7	63.7	50.0	50.0
<b>Restricted Total</b>		<b>4,911.8</b>	<b>5,778.0</b>	<b>5,778.0</b>	<b>5,628.5</b>	<b>5,640.5</b>
<b>Total Estimated Revenues</b>		<b>4,911.8</b>	<b>5,778.0</b>	<b>5,778.0</b>	<b>5,628.5</b>	<b>5,640.5</b>

## Epidemiology

### Proposed Changes in Levels of Service for FY2002

The component is requesting a GF increment for \$659.0 to cover the costs of investigating and controlling infectious diseases. Funding over the years has remained relatively flat, but with increases in population, newer childhood vaccines and increased costs of doing business, Epidemiology is seriously underfunded to protect the public's health.

The division is also requesting an increment in the amount of \$200.0 to be able to provide scientifically credible public health advice about environmental contaminants in subsistence foods. These issues have emerged as a major issue for Alaska subsistence consumers using traditionally harvested foods, primarily fish.

### Summary of Component Budget Changes

#### From FY2001 Authorized to FY2002 Governor

*All dollars in thousands*

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
<b>FY2001 Authorized</b>	<b>2,062.7</b>	<b>5,302.8</b>	<b>475.2</b>	<b>7,840.7</b>
<b>Adjustments which will continue current level of service:</b>				
-Transfer 1 PFT PCN from Epidemiology to Health Information & System Support	0.0	-33.8	-90.0	-123.8
-Convert Special FY2001 Labor Cost Fund Sources to GF	13.7	0.0	-13.7	0.0
-Year 2 Labor Costs - Net Change from FY2001	3.4	-8.1	-3.9	-8.6
<b>Proposed budget increases:</b>				
-Back to Basics - Infection Detection and Protection - Epidemiology	659.0	0.0	0.0	659.0
-Public Health Evaluation of Environmental Contaminants	200.0	0.0	0.0	200.0
<b>FY2002 Governor</b>	<b>2,938.8</b>	<b>5,260.9</b>	<b>367.6</b>	<b>8,567.3</b>

**Epidemiology****Personal Services Information**

Authorized Positions			Personal Services Costs	
	FY2001 Authorized	FY2002 Governor		
Full-time	63	71	Annual Salaries	3,685,906
Part-time	2	2	COLA	52,630
Nonpermanent	0	0	Premium Pay	27,000
			Annual Benefits	1,229,969
			<i>Less 6.81% Vacancy Factor</i>	(340,305)
			Lump Sum Premium Pay	0
<b>Totals</b>	<b>65</b>	<b>73</b>	<b>Total Personal Services</b>	<b>4,655,200</b>

**Position Classification Summary**

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Administrative Assistant	1	0	0	0	1
Administrative Clerk II	9	0	0	0	9
Administrative Clerk III	11	0	0	0	11
Analyst/Programmer IV	6	0	0	0	6
Education Specialist I	1	0	0	0	1
Health Program Mgr II	3	0	0	0	3
Health Program Mgr III	6	0	0	0	6
Health Program Mgr IV	1	0	0	0	1
Micro/Network Spec II	1	0	0	0	1
Micro/Network Tech II	1	0	0	0	1
Prog Coordinator	1	0	0	0	1
Public Health Spec I	7	0	0	0	7
Public Health Spec II	20	0	0	0	20
Public Hlth Medical Spec	3	0	0	0	3
Publications Tech II	1	0	0	0	1
State Epidemiologist	1	0	0	0	1
<b>Totals</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>73</b>