

ENVIRONMENTAL HEALTH & PREVENTION SERVICES

OVERVIEW

Environmental Health & Prevention Services protects the public's health by ensuring good water quality, safe food handling and by preventing and responding to outbreaks of infectious disease. Other programs include rabies prevention, health hazard investigations, enforcement of the Tobacco Control Act and emergency response. This team also provides programs and clinical services for children's immunization as well as the Universal Flu Shot Program, in addition to travel, family planning, and STD/AIDS clinics.

FTE's: 38.48

TOTAL BUDGET: \$2,747,822

SOCIAL & HEALTH SERVICES DIVISION

DEPARTMENT: Environmental Health & Prevention Services
SERVICE UNIT: Control of Infectious Disease
BUDGET YEAR: 2005

Description of Service	Benefit of the Service	Categorization of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)
<p>Mandatory</p> <ul style="list-style-type: none"> • Provide advice regarding management of communicable diseases. • Initiate response to outbreaks of disease by being available on a 24-hour-per-day basis. • Maintain communicable disease information systems and policies to manage contact of persons found to be infected with a disease agent. 	<ul style="list-style-type: none"> • Reduces the incidence of infectious diseases of public health significance. • Assists with annual promotion and administration of influenza vaccine. <p>The County's Mission Statement states "Lambton County is a community dedicated to economic growth, environment stewardship and enhanced quality of life through: the provision of responsive and efficient services". Additionally, the Plan calls for programming to be provided in partnership when ever possible.</p>	<p>Mandatory</p>	<p>Health Protection & Promotion Act</p> <p>Ontario Regulation 558/91</p> <p>Ontario Regulation 559/91</p> <p>Mandatory Health Programs & Services Guidelines</p> <p>Notification of Emergency Service Workers Protocol</p>	<p style="text-align: right;">Total Budget \$186,748</p> <p>Salaries/Benefits 139,208</p> <p style="padding-left: 20px;">Building Occup. 25,402</p> <p style="padding-left: 20px;">Office Expenses 5,927</p> <p style="padding-left: 20px;">Material/Supplies 3,765</p> <p style="padding-left: 20px;">Communications 3,265</p> <p style="text-align: right;">Total FTE's 2.15</p>	<p>Provincial 55%</p> <p>Levy 45%</p>

Service Level

- All cases of communicable disease reported by physicians, hospitals, labs or infection control nurses are followed up in a timely manner.
- We organize and chair a community pandemic planning committee (includes more than 10 community agencies).
- Daily monitoring of data bases (i.e. CEOSC) to determine local links of illness in the community.
- Forward reports to the Ministry of Health, including on-going transmission of data through the Integrated Public Health Information System (iPHIS)
- Provide information and in-services regarding infectious diseases to health care professionals, institutions and the community.
- Our Communicable Disease Team is currently not at full complement.
- 2004 Stats:
 - 2 respiratory outbreaks were investigated
 - 9 enteric outbreaks were investigated
- 2005 Stats (to date):
 - 11 respiratory outbreaks were investigated
 - 8 enteric outbreaks were investigated

SOCIAL & HEALTH SERVICES DIVISION

**DEPARTMENT
SERVICE UNIT
BUDGET YEAR**

Environmental Health & Prevention Services
Food Safety
2005

Description of Service	Benefit of the Service	Categorization of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)																				
<p>Mandatory</p> <ul style="list-style-type: none"> Reduce food-borne illness by inspecting, investigating complaints, educating, and providing food handler course training to ensure food premises are complying with acceptable public health practices. <p>a) Inspections</p> <ul style="list-style-type: none"> Inspect food premises. <p>b) Food Borne Illness Investigations</p> <p>c) Complaints</p> <p>d) Food Handler Training</p> <ul style="list-style-type: none"> Food handler training courses are provided in accordance with the Ministry's Food Handler Training Protocol. This program generates revenue to offset costs. Training assists food handlers in recognizing and preventing risks associated with food-borne illness. 	<ul style="list-style-type: none"> Program improves the health of the population by reducing the incidence of food-borne illness. Ensures that food is stored, prepared, served and distributed in a manner consistent with public health practices. Stops the sale or distribution of food that is unfit for human consumption by reason of disease, adulteration, impurity or other cause. This program works to ensure that safe food is being prepared, stored and served in the manner that residents of Lambton County are accustomed to. Ensures safe food handling in Lambton communities by: <ul style="list-style-type: none"> Training food handlers how to safely store, prepare, serve, and distribute food. Decreases risk of spreading food-borne illness. <p>Please refer to Mission Statement reference detailed in the Control of Infectious Diseases Service Unit.</p>	Mandatory	<p>Health Promotion & Protection Act</p> <p>Mandatory Programs & Services Guidelines</p> <p>Ontario Regulation 562</p> <p>Hazard Analysis Critical Control Point Protocol</p> <p>Food Handler Training Protocol</p> <p>Food Recall Protocol</p>	<table border="0"> <tr> <td>Total Budget</td> <td style="text-align: right;">\$374,911</td> </tr> <tr> <td>Salaries/Benefits</td> <td style="text-align: right;">336,114</td> </tr> <tr> <td>Building Occup.</td> <td style="text-align: right;">25,402</td> </tr> <tr> <td>Materials</td> <td style="text-align: right;">10,927</td> </tr> <tr> <td>Office Expenses</td> <td style="text-align: right;">5,571</td> </tr> <tr> <td>Training</td> <td style="text-align: right;">3,090</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Total FTE's</td> <td style="text-align: right;">5.99</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td colspan="2">Cost recovery of \$6,000 annually for food handler course materials</td> </tr> </table>	Total Budget	\$374,911	Salaries/Benefits	336,114	Building Occup.	25,402	Materials	10,927	Office Expenses	5,571	Training	3,090			Total FTE's	5.99			Cost recovery of \$6,000 annually for food handler course materials		<p>Provincial 55% Levy 45%</p>
Total Budget	\$374,911																								
Salaries/Benefits	336,114																								
Building Occup.	25,402																								
Materials	10,927																								
Office Expenses	5,571																								
Training	3,090																								
Total FTE's	5.99																								
Cost recovery of \$6,000 annually for food handler course materials																									

Service Level

- CHSD has difficulty providing data for this program due to our outdated computer information system. For example, identifying the amount of time Public Health Inspectors spend on activities is challenging to track with the current system.
- We require more Public Health Inspectors to meet compliance levels in high, medium and low risk food premises
- Approximately 20% (123 premises) of our food premises are seasonal businesses which operate between May and September each year. This large number of seasonal premises creates challenges for us in meeting mandatory requirements. To assist with this workload, student Public Health Inspectors are hired in the summer.

Stats 2004:

- Public Health Inspectors conducted 767 inspections at high, medium and low risk food premises.
- 52% of high risk premises inspected
- 61% of medium risk premises inspected
- 75% of low risk premises inspected
- 67% of high risk premises had annual HACCP audits
- 236 Food Handlers certified
- 9 Food Handler courses conducted
- 21 Food Safety presentations conducted
- 13 food-borne illnesses were investigated.
- 25 consumer complaints were investigated.
- Enforcement – One (1) ticket issued

Stats 2005: (to date)

- 137 Food Handlers certified
- 6 Food Handler courses conducted
- 10 Food Safety presentations conducted
- Enforcement – Two (2) tickets issued

SOCIAL & HEALTH SERVICES DIVISION

**DEPARTMENT
SERVICE UNIT
BUDGET YEAR**

Environmental Health & Prevention Services
Health Hazard
2005

Description of Service	Benefit of the Service	Categorization of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)
<p>Mandatory</p> <ul style="list-style-type: none"> Inspect, monitor and respond quickly to complaints of health hazards in the community. Provide an on-call 24 hour availability system to respond to health hazards in Lambton. Conduct investigations related to occupational or environmental health issues. 	<ul style="list-style-type: none"> Prevents or reduces adverse health outcomes resulting from exposure to health hazards. Lambton residents and agencies can obtain consultation 24 hours per day on health hazard related issues. Ensures community health protection and continued public health services delivery in the event of a health hazard. 	Mandatory	<p>Health Protection & Promotion Act</p> <p>Mandatory Health Programs & Services Guidelines</p>	<p>Total Budget \$462,697</p> <p>Salaries/Benefits 223,947</p> <p>Larviciding 100,000</p> <p>Mosquito Traps 40,000</p> <p>Building Occup. 25,402</p> <p>Office Expenses 5,183</p> <p>Total FTE's 4.11</p>	<p>Prov. al 55%</p> <p>Levy 45%</p>
<p>West Nile Virus</p> <ul style="list-style-type: none"> control the threat of West Nile virus in the community. <p>conducting risk assessments, monitoring, educating, and treating with larvicidal compounds to control the disease.</p>	<ul style="list-style-type: none"> Provides Lambton residents with protection from mosquito-borne diseases through surveillance activities. Ensures MOHLTC West Nile Virus Preparedness plan is implemented in Lambton County. 	Mandatory	<p>Health Protection & Promotion Act</p> <p>Ontario Regulation 199/03</p>	<p>Program Costs = \$147,073</p> <p>WNV Costs = \$315,624</p> <p>\$40,000 of these costs are funded 100% funding</p>	<p>Prov. 55%</p> <p>Levy 45%</p> <p>Prov. 100%</p>
<p>Emergency Response</p> <ul style="list-style-type: none"> Provide assistance to municipalities and other agencies in the event of an emergency disaster, or terrorist threat. <p>Liaise with CAER/CVECO.</p>	<ul style="list-style-type: none"> Community health planning related to emergency response and bioterrorism provides vital public security for residents. 	Mandatory	<p>Health Protection & Promotion Act</p> <p>Emergency Management Act</p>		<p>Prov. 55%</p> <p>Levy 45%</p>

Pandemic Planning a) Maintain a plan to address and manage a Pandemic.	<ul style="list-style-type: none"> Residents have agency planning and testing in-place systems and protocols to respond to Pandemic. 	Mandatory	Heath Protection & Promotion Act		Prov. I 55% Levy 45%
Air Quality <ul style="list-style-type: none"> Respond to public concerns and inquiries. Develop air quality promotional materials 	<ul style="list-style-type: none"> Residents can obtain consultation on indoor/outdoor air quality issues. 	Mandatory	Heath Protection & Promotion Act		Prov. I 55% Levy 45%
	Please refer to Mission Statement reference detailed in the Control of Infectious Diseases Service Unit				

Service Level

- CHSD must respond quickly and properly to health hazards in the community to minimize impact of disease. Meeting basic level needs in Lambton is challenging because of our petrochemical sector. We require increased skill sets such as a toxicologist to meet the demands and to accurately assess community health risk. The unique inventory of products in the chemical industry often challenges our expertise.
- Currently, we are not able to provide a great deal of services on air quality issues. We devised a corporate strategy in 2004 in partnership with the Infrastructure Development Division for notifying employees of smog advisories.
- The Emergency Management Act has placed a great deal of responsibility on municipalities to formulate, test, and maintain emergency plans. Consequently, staff are required to spend time attending municipal planning exercises and reviewing contingency strategies and plans.
- We need to establish a network with the new University of Western Ontario research facility to assess air quality issues.
- A partnership has been undertaken with the St. Clair Parks Commission to provide Larviciding services throughout Lambton municipalities.

2004 Stats:

- 164 after hours inquiries to our on-call system
- Staff investigated 14 spills and releases to air and water
- Staff attended 11 municipal emergency planning meetings/exercises throughout Lambton
- Four (4) meetings with Pandemic Planning Committee
- Two (2) positive mosquito pools identified
- Five (5) positive birds
- Zero (0) human cases
- One (1) positive horse
- 13,700 catch basins larvicided to control threat of West Nile virus
- 16 information sessions for public, groups, fairs and exhibitions

Service Level

- As a result of staffing issues, only have been able to complete inspections of high risk personal service settings (i.e. tattoo parlours and body piercing shops). Other lower risk service settings (i.e. hair salons, tanning studios) have been inspected on complaint basis only.
- We provide representation on all hospital and long-term care infection control committees.
- We require more Public Health Inspectors to meet compliance levels in personal service settings.
- We sponsor and support a Community Infection Control Committee, as a focus for discussion of infection control issues among long-term care facilities and the community.
- We assist with an annual infection control workshop/seminar for day cares and long-term care facilities.
- We provide consultation with day cares and long-term care facilities.
- 2004 Stats:
 - 10 Funeral Home inspections (100% completion rate)
 - 66 Day Nursery inspections (100% completion rate)
 - 30 Long-term Care Facility inspections (100% completion rate)
 - Approximately 23 Rest Home inspections (~60% completion rate)
 - Approximately 6 Hospital inspections (~60% completion rate)
 - Approximately 30 Group Home inspections (~55% completion rate)
 - 11 Migrant Farm inspections (100% completion rate)
 - 18 high risk personal service inspections (90% completion rate)
 - 150+ low risk personal service settings inspected (currently inspected on complaint basis only)

SOCIAL & HEALTH SERVICES DIVISION

**DEPARTMENT
SERVICE UNIT
BUDGET YEAR**

Environmental Health & Prevention Services
Public Pools
2005

Description of Service	Benefit of the Service	Categorization of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)
<p>Mandatory</p> <ul style="list-style-type: none"> • Inspect public pools, wading pools and public spas 	<p>Reduces the risk of communicable disease transmission from waters used for recreational purposes.</p> <p>Eliminates drowning in waters used for specified recreational purposes.</p> <p>Please refer to Mission Statement reference detailed in the Control of Infectious Diseases Service Unit</p>	<p>Mandatory</p>	<p>Health Protection & Promotion Act</p> <p>Ontario Regulation 565</p> <p>Mandatory Health Programs & Services Guidelines</p> <p>Public Wading Pools Protocol</p> <p>Operation of Public Spas Protocol</p>	<p>Costs included in Injury Prevention including Substance Abuse Prevention Program.</p>	<p>Provincial 55%</p> <p>Levy 45%</p>

Service Level

- Demands for service increase between May and September each year because of the large number of seasonal pools and recreational facilities requiring inspections.
- Staff conduct an educational pool course for operators of public pools every other year.
- Lambton Facilities:
 - 51 seasonal pools
 - 14 year round pools
 - 6 wading pools
 - 23 spas
- 2004 Stats:
 - 100% of seasonal pools inspected
 - 79.3% of year-round pools inspected
 - 92.9% of wading pools inspected
 - 95.7% of spas inspected
- 2005 Stats: (to date, July 14, 2005)
 - 48.0% of seasonal pools inspected
 - 42.6% of year-round pools inspected
 - 83.3% of wading pools inspected
 - 60.9% of spas inspected

SOCIAL & HEALTH SERVICES DIVISION

**DEPARTMENT
SERVICE UNIT
BUDGET YEAR**

Environmental Health & Prevention Services
Rabies Control
2005

Description of Service	Benefit of the Service	Categorization of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)
<p>Mandatory</p> <ul style="list-style-type: none"> • Respond to and investigate exposures where there is a potential for rabies transmission • Verify that owned cats and dogs are immunized as required. 	<ul style="list-style-type: none"> • Prevention of occurrence of rabies in humans. • Lambton residents who work with animals are able to access pre-rabies prophylaxis. • Low cost rabies clinics in rural Lambton municipalities help to decrease the risk of rabies. <p>Please refer to Mission Statement reference detailed in the Control of Infectious Diseases Service Unit</p>	<p>Mandatory</p>	<p>Health Protection & Promotion Act</p> <p>Ontario Regulation 557/90</p> <p>Ontario Regulation 567/90</p>	<p>Total Budget \$172,026</p> <p>Salaries/Benefits 124,634</p> <p>Building Occup. 25,402</p> <p>Office Expenses 5,927</p> <p>Material/Supplies 3,631</p> <p>Communications 3,265</p> <p>Total FTE's 1.92</p>	<p>Provincial 55%</p> <p>Levy 45%</p>

Service Level

- The legislation requires that two separate visits are undertaken to confine and release cats and dogs under investigation. Currently we are not meeting minimum requirements. We require more Public Health Inspectors to meet minimum requirements.
- CHSD has difficulty tracking data for this program due to our outdated computer information system. For example, identifying the amount of time Public Health Inspectors spend on rabies activities is challenging to track with the current system.
- Raccoon Rabies Contingency Plan is updated annually through meetings with Lambton Stakeholders, i.e. Ministry of Natural Resources, Canadian Food Inspection Agency, Trappers Association, local veterinarians.
- 2004 Stats:
 - 342 animal bite investigations were conducted
 - 14 people received post-exposure rabies vaccine
 - 3 bats tested positive for rabies
 - 5 low cost rabies vaccination clinics were held
 - 4 school-aged safety fairs were attended to provide rabies information
- 2005 Stats: (to date)
 - 167 animal bite investigations were conducted
 - 10 people received post-exposure rabies vaccine
 - 5 low cost rabies vaccination clinics were held
 - 3 school-aged safety fairs were attended to provide rabies information

SOCIAL & HEALTH SERVICES DIVISION

**DEPARTMENT
SERVICE UNIT
BUDGET YEAR**

Environmental Health & Prevention Services
Safe Water
2005

Description of Service	Benefit of the Service	Categorization of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)																				
<p>Mandatory</p> <ul style="list-style-type: none"> • Ensure that community drinking water systems meet legislated standards. • Investigate, monitor, interpret analysis reports and provide information to external agencies, water authorities and private water operators. • Ensure that municipal and communal water systems comply with standards and legislation. • Respond and take appropriate action in response to adverse water results including boil water advisories. • Inspect and sample public bathing beaches. 	<ul style="list-style-type: none"> • Reduces the incidence of water-borne illness in the community. • Ensures community drinking water systems meet health-related chemical, physical, microbiological and radionucleotide objectives. • Reduces communicable disease transmission from waters used for bathing at public beaches. <p>Please refer to Mission Statement reference detailed in the Control of Infectious Diseases Service Unit</p>	<p>Mandatory</p>	<p>Health Protection & Promotion Act</p> <p>Safe Drinking Water Act</p> <ul style="list-style-type: none"> - Ontario Regulation 170/03 - Ontario Regulation 252/05 (under review) <p>Mandatory Health Programs & Services Guidelines</p> <ul style="list-style-type: none"> - Protocol for the issuance of a BWA/DWA <p>Ontario Drinking Water Objectives</p> <p>Guidelines for Canadian Drinking Water Quality</p> <p>Beach Management Protocol</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Budget</td> <td style="text-align: right;">\$180,775</td> </tr> <tr> <td>Salaries/Benefits</td> <td style="text-align: right;">131,778</td> </tr> <tr> <td>Building Occup.</td> <td style="text-align: right;">25,402</td> </tr> <tr> <td>Office Expenses</td> <td style="text-align: right;">5,571</td> </tr> <tr> <td>Materials/Supplies</td> <td style="text-align: right;">4,830</td> </tr> <tr> <td>Communications</td> <td style="text-align: right;">2,865</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Total FTE's</td> <td style="text-align: right;">2.08</td> </tr> </table>	Total Budget	\$180,775	Salaries/Benefits	131,778	Building Occup.	25,402	Office Expenses	5,571	Materials/Supplies	4,830	Communications	2,865	 		Total FTE's	2.08	<table style="width: 100%; border-collapse: collapse;"> <tr> <td>Provincial</td> <td style="text-align: right;">55%</td> </tr> <tr> <td>Levy</td> <td style="text-align: right;">45%</td> </tr> </table>	Provincial	55%	Levy	45%
Total Budget	\$180,775																								
Salaries/Benefits	131,778																								
Building Occup.	25,402																								
Office Expenses	5,571																								
Materials/Supplies	4,830																								
Communications	2,865																								
Total FTE's	2.08																								
Provincial	55%																								
Levy	45%																								

Service Level

- As a result of increased demands under the new Safe Drinking Water Act and associated Regulations and Ministry of Health – Boil Water Advisory Protocol, we are facing challenges in delivering these services.
- The full implementation of the safe drinking water program by public health units is to take place in the Fall of 2006. If CHSD is to effectively administer the new safe drinking water program, it cannot come without appropriate recruitment, staffing, training, resources, salaries, technical supports, data management tools, etc.
- 2004 Stats:
 - 3 boil water advisories were issued
 - 34 adverse water results from regulated systems were investigated
 - 176 adverse water results from private systems were received
 - 65 hours spent by staff monitoring the Drinking Water Information System
 - 11 meetings attended for Binational Public Advisory Council, Friends of the St. Clair and Ministry of the Environment
 - 7 beaches were sampled and monitored between May and August
 - 9 beach postings were issued
- 2005 Stats (to June)
 - 0 boil water advisories issued
 - 9 adverse water results from regulated systems were investigated
 - 83 adverse water results from private systems were received
 - 35 hours spent by staff monitoring the Drinking Water Information System
 - 7 meetings attended for Binational Public Advisory Council, Friends of the St. Clair and Ministry of the Environment
 - 7 beaches are being sampled and monitored

Service Level

- Increasing client load raises need to look at further expansion of physician clinic hours.
- Currently staff are providing clinic hours in excess of the minimum required in order to meet increased local demands for service.
- Clinical services are targeted to the high risk and teen population, to fulfill our mandate to provide increased access to low cost contraception and to decrease the rate of unplanned teen pregnancy in Lambton County.
- Sexual Health teaching in local elementary schools by public health nurses – enhanced program on a fee for service basis as requested by the public school board and by committee 6 years ago.
 - Currently 82% of public board schools request the enhanced program.
- “Girl Talk” program offered to grade 5-6 girls and their parents in the community annually with increasing numbers attending.
- Need to expand this to include older teens to provide services to those not reached in schools that do not allow or provide a sexual health program.
- 2004 statistics:
 - Physician Clinics 2300 visits
 - Nursing Clinics 7000 visits
 - New Clients 1200 +
 - Phone Calls 5000 +
- 2005 statistics: (April 2005)
 - Physician Clinics 911 visits
 - Nursing clinics 2158 visits

SOCIAL & HEALTH SERVICES DIVISION

**DEPARTMENT
SERVICE UNIT
BUDGET YEAR**

Environmental Health & Prevention Services
Sexually Transmitted Diseases & HIV/AIDS
2005

Description of Service	Benefit of the Service	Categorization of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)																		
Mandatory d) Clinical Services <ul style="list-style-type: none"> Provide clinical services, diagnosis, treatment and case management to reduce complications associated with sexually transmitted diseases including HIV/AIDS. 	<ul style="list-style-type: none"> Reduces the incidence of and complications from all sexually transmitted diseases (STDs) including HIV/AIDS. 	Mandatory	Health Protection & Promotion Act Mandatory Health Programs & Services Guidelines MoHLTC STI Protocol Needle Exchange Protocol	<table border="0"> <tr> <td>Total Budget</td> <td style="text-align: right;">\$280,112</td> </tr> <tr> <td>Salaries/Benefits</td> <td style="text-align: right;">203,294</td> </tr> <tr> <td>Material/Supplies</td> <td style="text-align: right;">44,756</td> </tr> <tr> <td>Building Occup.</td> <td style="text-align: right;">25,402</td> </tr> <tr> <td>Office Expenses</td> <td style="text-align: right;">5,927</td> </tr> <tr> <td>Communications</td> <td style="text-align: right;">3,265</td> </tr> <tr> <td> Total FTE's</td> <td style="text-align: right;"> 2.83</td> </tr> </table>	Total Budget	\$280,112	Salaries/Benefits	203,294	Material/Supplies	44,756	Building Occup.	25,402	Office Expenses	5,927	Communications	3,265	 Total FTE's	 2.83	<table border="0"> <tr> <td>Provincial</td> <td style="text-align: right;">55%</td> </tr> <tr> <td>Levy</td> <td style="text-align: right;">45%</td> </tr> </table>	Provincial	55%	Levy	45%
Total Budget	\$280,112																						
Salaries/Benefits	203,294																						
Material/Supplies	44,756																						
Building Occup.	25,402																						
Office Expenses	5,927																						
Communications	3,265																						
 Total FTE's	 2.83																						
Provincial	55%																						
Levy	45%																						
Mandatory e) Grades 7-9 <ul style="list-style-type: none"> Provide school health services in family health for pupils in grades 7 to 9. 	f) Provides sexual health education in all schools in Lambton County. g) Lambton students are provided with the education necessary to protect themselves from sexually transmitted infections.	Mandatory			<table border="0"> <tr> <td>Provincial</td> <td style="text-align: right;">55%</td> </tr> <tr> <td>Levy</td> <td style="text-align: right;">45%</td> </tr> </table>	Provincial	55%	Levy	45%														
Provincial	55%																						
Levy	45%																						
Discretionary h) Other Grades <ul style="list-style-type: none"> Educate students on issues of: STD's, AIDS and high risk behaviours. 	i) Lambton students have access to programs recognized by the public school board as successful education programs.	Discretionary			Costs for this program are recovered for the enhanced services																		
Mandatory d) Prevention of Blood Borne Diseases <ul style="list-style-type: none"> Ensure that injection drug users have access to sterile injection equipment through needle and syringe exchange programs. 	<ul style="list-style-type: none"> Prevents the risk of blood borne diseases in the community by minimizing sharing of needles and needle stick exposure. Please refer to Mission Statement reference detailed in the Control of Infectious Diseases Service Unit	Mandatory		\$40,000 (ended March 31, 2005) F.T.E. – 0.8	<table border="0"> <tr> <td>Federal</td> <td style="text-align: right;">100%</td> </tr> </table>	Federal	100%																
Federal	100%																						

Service Level

- Need to look at expanded clinical hours to meet the community needs, as physician clinics are overbooked and we have frequent requests for more clinic time and evening hours if possible.
- Staff now are able to do blood and urine testing on appropriate clients, which saves physician clinic time also.
- As noted in Sexual Health Program, Sexual Health and STI teaching in local elementary schools by public health nurses – enhanced program on a fee for service basis as requested by the public school board and by committee 6 years ago.
 - Currently 82% of public board schools request the enhanced program.
- STI teaching in secondary schools (Grade 9) for the public board schools as well.
- Needle Exchange continues to provide clean needles to a large number of IV drug users at the fixed site. It is currently too early to measure the reduction in numbers since the outreach worker position ended March 31, 2005.
- Outreach Worker was discontinued end of March 2005. Statistics for 1st 3 months of 2005:
 - 17300 needles out, 14100 needles received, for a return rate of 82% during January to March period.

SOCIAL & HEALTH SERVICES DIVISION

**DEPARTMENT
SERVICE UNIT
BUDGET YEAR**

Environmental Health & Prevention Services
Tuberculosis Control
2005

Description of Service	Benefit of the Service	Categorization of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)																		
<p>Mandatory</p> <ul style="list-style-type: none"> • Conduct surveillance to monitor, trace, investigate and treat active tuberculosis (TB) cases. • Ensure that all patients complete the required treatment. • Educate and screen high risk groups in the community. 	<ul style="list-style-type: none"> • Reduces risk of the incidence of tuberculosis (TB). • Prevents new cases of TB and reduces reactivation of old TB cases. • Provides residents with appropriate treatment of latent and active TB disease. <p>Please refer to Mission Statement reference detailed in the Control of Infectious Diseases Service Unit</p>	Mandatory	<p>Health Protection & Promotion Act</p> <p>Mandatory Health Programs & Services Guidelines</p> <p>MoHLTC – TB Control Protocol</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Total Budget</td> <td style="text-align: right;">\$123,409</td> </tr> <tr> <td>Salaries/Benefits</td> <td style="text-align: right;">69,601</td> </tr> <tr> <td>Building Occup.</td> <td style="text-align: right;">25,402</td> </tr> <tr> <td>Office Expenses</td> <td style="text-align: right;">5,927</td> </tr> <tr> <td>Material/Supplies</td> <td style="text-align: right;">3,631</td> </tr> <tr> <td>Communications</td> <td style="text-align: right;">3,265</td> </tr> <tr> <td> Total FTE's</td> <td style="text-align: right;"> 0.92</td> </tr> </table>	Total Budget	\$123,409	Salaries/Benefits	69,601	Building Occup.	25,402	Office Expenses	5,927	Material/Supplies	3,631	Communications	3,265	 Total FTE's	 0.92	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Provincial</td> <td style="text-align: right;">55%</td> </tr> <tr> <td>Levy</td> <td style="text-align: right;">45%</td> </tr> </table>	Provincial	55%	Levy	45%
Total Budget	\$123,409																						
Salaries/Benefits	69,601																						
Building Occup.	25,402																						
Office Expenses	5,927																						
Material/Supplies	3,631																						
Communications	3,265																						
 Total FTE's	 0.92																						
Provincial	55%																						
Levy	45%																						

Service Level

- Tuberculosis is not a frequent occurrence in Lambton County. However, one active case can generate a large scale investigation involving increased staff time.
 - Eg. One active TB case in 2004 involving a local health care worker required the follow-up of over 500 contacts by CHSD staff and fortunately did not result in any new active cases of disease.
- Working with local school boards and Lambton College regarding routine TB testing of new students arriving from outside Canada, as an initiative to protect the community from exposure to active disease.
- Staffing issues have limited our level of service with respect to screening of high risk individuals.
- Local statistics:
 - Active cases: 2005 1 case (to June, 2005)
 - 2004 2 cases
 - 2003 2 cases

SOCIAL & HEALTH SERVICES DIVISION

**DEPARTMENT
SERVICE UNIT
BUDGET YEAR**

Environmental Health & Prevention Services
Vaccine Preventable Disease
2005

Description of Service	Benefit of the Service	Categori- zation of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)
<p>Mandatory</p> <ul style="list-style-type: none"> • Provide immunization services to reduce the incidence of vaccine preventable diseases in the community. • Maintain immunization records for all students registered in daycare, elementary and secondary schools in Lambton County and to require those records be up to date. • Ensure vaccine potency by monitoring all sites that store provincially funded vaccines in Lambton County. 	<ul style="list-style-type: none"> • The development of vaccines in immunization programs has almost eliminated some diseases and drastically reduced the impact of others. • Consultations are provided for physicians to promote safe vaccine administration and storage. • Maintenance of immunization records for travel clinic clients and routine adult vaccines administered by our staff. 	Mandatory	<p>Health Protection & Promotion Act</p> <p>Mandatory Health Programs & Services Guidelines</p> <p>Biological Inventory System Protocol</p> <p>Vaccine Storage and Handling Protocol</p>	<p>Total Budget \$512,487</p> <p>Salaries/Benefits 360,173</p> <p>Material/Supplies 29,752</p> <p>Offices suppliers 5,927</p> <p>Building Occup. 25,396</p> <p>Travel 9,199</p> <p>Total FTE's 6.43</p>	<p>Provincial 55%</p> <p>Levy 45%</p>
<p>Mandatory</p> <p>a) Travel Immunization</p> <ul style="list-style-type: none"> • Provide travel advice and immunization for travelers 	<ul style="list-style-type: none"> • Residents protected from contracting diseases from foreign countries. • Ensures the provision of travel health information and vaccines to residents. • Ensures healthy travel and prevents post-travel infections. • Prevents influenza outbreaks in Lambton and facilities by increasing rate of vaccination and in high risk groups. 	Mandatory		<p>Travel related vaccines \$115,000</p>	<p>100% Cost Recovery</p>

Description of Service	Benefit of the Service	Categorization of the Service	Legislation, Regulations, Standards	Costs and FTE's (Five Largest Expense Categories)	Funding Sources (as a % of Total Funds Required)
<p>Mandatory b) Universal Flu</p> <ul style="list-style-type: none"> • Provision of influenza vaccine in all nursing homes, homes for the aged, chronic care hospitals, or units of eligible residents and staff. • Provision of Ministry funded vaccine for all eligible residents. <p>Conduct influenza clinics throughout Lambton communities.</p>	<ul style="list-style-type: none"> • Residents have access to influenza clinics throughout Lambton. 	Mandatory			
<p>Mandatory c) New Vaccines</p> <ul style="list-style-type: none"> • The Ministry of Health and Long-Term Care has three new publicly funded vaccines to keep Ontarians healthy. The new vaccines will be added to the recommended schedule of routine childhood immunization. • To ensure that provincially-funded vaccines are available to physicians practicing within the health department area, and educate on usage, handling and storage 	<ul style="list-style-type: none"> • Provides enhanced protection against vaccine preventable diseases such as meningitis, pneumonia and chicken pox. • Provides assistance to local physician offices re administration and scheduling of new vaccines to their clients. • Provides preventative prophylactic vaccinations for contacts of certain infectious diseases such as hepatitis A, meningococcal meningitis and rabies. <p>The County's Mission Statement states "Lambton County is a community dedicated to economic growth, environment stewardship and enhanced quality of life through: the provision of responsive and efficient services". Additionally, the Plan calls for programming to be provided in partnership where ever possible.</p>	Mandatory			This program is remunerated at \$8.50 per dose for meningococcal vaccine.

Service Level

- Staff maintain over 20,000 immunization records annually, including those for all school and daycare students as mandated, and also records for travel clinic clients, and routine and prophylactic immunizations administered by our staff.
- To date (in 2005), our staff administered over 2,500 doses of meningococcal meningitis vaccine: (This Ministry-funded program will be extended into the fall and provides \$8.50 per dose revenue). Vaccinated to date are:
 - 55% of grade 7 students
 - 26% of residents aged 15 – 19 years
- Travel clinic appointments are currently booked 4 – 6 weeks ahead, and 2 – 3 weeks ahead for routine immunizations.
 - Frequently residents booking last minute trips are unable to access our travel clinic due to lack of availability of clinical staff time.
- Travel clinic vaccine administration provided over \$45,000 in revenue during the first quarter of 2005.
- Staff dealt with markedly increased phone call volumes from both local physicians and residents regarding urgent travel health issues, such as malaria risk in the Dominican Republic this past winter.
- Over 90 vaccine storage sites throughout the County are inspected annually to ensure compliance with Ministry Cold Chain Protocol and to ensure efficacy of Ministry-provided vaccines. Most of these sites are physicians' offices.
- Increased demand by local physicians and other health care workers for information on vaccine and travel health related issues. A travel health workshop is planned for the fall of 2005.
 - More physicians sending clients to CHSD for new vaccines because of confusion regarding scheduling and administration, as well as cold chain issues.
- 2004-2005 flu vaccination clinic stats:
 - over 18,000 doses of flu vaccine given by CHSD staff
 - over 55,000 doses total distributed to community
 - Staff provided flu clinics at over 75 county sites, including all elementary and secondary schools.