



QUANTITATIVE
AND
QUALITATIVE
DATA



Carlton-Cook-Lake-St. Louis Counties Community Health Board Community Health Assessment and Action Plan (CHAAP)

Overview of Activities Completed in 2007

The CHAAP planning process began in the spring of 2007. Public health staff from the Carlton, Cook, Lake and St. Louis Counties identified two areas of public health responsibility on which to focus:

- * Prevent the Spread of Infectious Disease
- * Prepare for and Respond to Disasters, and Assist Communities in Recovery.

The Carlton-Cook-Lake-St. Louis Community Health Board (CHB) worked closely with the Aitkin-Itasca-Koochiching CHB as well as the regional staff at MDH to complete the data assessment process. Some data elements were identified from all six areas of public health responsibility as well as demographic information to form a “snapshot” or broad overview. Data was gathered from 1990, 1995, 2000 and 2005 when data could be located and verified. Gathering three data points allowed for initial trend analysis. A more in-depth data collection occurred for the two focus areas of infectious disease and public health preparedness. The data was inputted into an excel spreadsheet document. The document will remain fluid continuing to be updated as more data sets are identified. Initial planning is underway to develop a website upon which to store data sets.

Community input was gathered in two ways. At the beginning of the assessment and planning process, each county’s public health advisory committee identified ways in which the county had changed over the past 5 years, ways the county was unique in its county setting, history, partnerships, barriers, successes, etc. In addition, a community survey was developed in partnership with Aitkin-Itasca-Koochiching CHB to assess opinions and behaviors of county residents in related to infectious disease and public health preparedness. Surveys were completed by 771 residents in the Carlton-Cook-Lake-St. Louis Community Health Board area.

After analysis of the quantitative (statistics) and qualitative (community survey and advisory committee meetings) community health issues were identified. Community health issues were prioritized utilizing public health principles. Improvement plans were developed for the highest ranked issue or problem statement.

The counties also assessed the agencies’ capacity to carry out the essential local activities (ELAs). For each area of responsibility, the staff identified an ELA that needed improvement and developed an action plan. The assessment and action plan was submitted to the Community Health Board on December 10, 2007 for review and approval.



CARLTON-COOK-LAKE-ST. LOUIS COMMUNITY HEALTH BOARD
COMBINED FOUR COUNTY 2007 COMMUNITY HEALTH ASSESSMENT
 STATISTICAL INDICATORS BY AREA OF PUBLIC HEALTH RESPONSIBILITY

December, 2007

Demographics	Carlton 2005	Cook 2005	Lake 2005	St. Louis 2005	State 2005	Notes/ Source
Estimated Population	34,038	5,379	11,168	197,191	5,132,799	MN County Health Tables
Population Density (Persons Per Square Mile)	39.6	3.7	5.3	31.5	64.5	MN County Health Tables
Total Female Population 20-64	9,886	1,676	3,200	58,765	1,551,913	MN County Health Tables
Percent of Total Female Population 20-64	58.94%	62.60%	56.70%	58.80%	60.04%	MN County Health Tables
Total Male Population 20-64	10,897	1,694	3,282	60,311	1,576,851	MN County Health Tables
Percent of Total Male Population 20-64	63.10%	62.70%	59.40%	62.00%	61.87%	MN County Health Tables
Number of Children 0-19	8,263	1,022	2,349	47,027	1,380,794	MN County Health Tables
Percent of Total Population - Children 0-19	24.30%	19.00%	21.00%	23.80%	26.90%	MN County Health Tables
Elderly 65+	4,992	987	2,337	31,088	359,654	MN County Health Tables
Percent Elderly 65+	14.70%	18.30%	20.90%	15.80%	12.10%	MN County Health Tables
Native American Population	1,830	382	78	4,308	59,987	MN County Health Tables
Percent Native American Population	5.40%	7.10%	0.70%	2.20%	1.17%	MN County Health Tables
Child Dependency Ratio (under age 15) per 100 people age 15-64	25.4	20.2	22.5	22.9	28.7	MN County Health Tables
Elderly Dependency Ratio (age 65+) per 100 people age 15-64	21.5	27.0	32.4	23.0	17.8	MN County Health Tables
Total Age Dependency Ratio	46.9	47.2	54.9	46.0	46.5	MN County Health Tables
Per Capita Income	26,114.00	39,471.00	\$32,655	31,739.00	\$27,248	Bureau of Economic Analysis
Median Household Income	43,837.00	32,312.00	\$45,400	41,233.00	\$52,054	MDH Health Center for Health Statistics Summary - 2007
Percent Unemployed	5.60%	4.20%	4.10%	4.90%	4.00%	MN County Health Tables
Percent Children Living in Poverty	11%	10.00%	11.50%	14%	11.00%	MDH Health Statistics
Percent Poverty All Ages	8.10%	7.00%	7.70%	10.50%	8.00%	MN County Health Tables
Percent Eligible for Free or Reduced Lunches	29.30%	27.80%	25.70%	35.30%	30.30%	MN County Health Tables
Total Households in County	13,208	2,488	4,800	83,545	2,039,706	MN County Health Tables
Food Stamp Utilization - Monthly Average Households	756	65	193	6,909	118,244	MN County Health Tables

Demographics (Continued)	Carlton 2005	Cook 2005	Lake 2005	St. Louis 2005	State 2005	Notes/ Source
Voter Participation in Last Presidential Election	70.20%	75.70%	78.20%	75.40%	75.25%	MN Secretary of State Election Returns 2000 and 2004
Total Public School Enrollment	6,145	665	1,593	26,934	838,997	Minnesota Department of Health Vital Statistics
Total Private School Enrollment	70			1,714		Minnesota Department of Education
Educational Attainment - Percent of Population over 25 years High School Graduate or Higher	Not Available for 2005	Not Available for 2005	Not Available for 2005	92.20%	90.9%	US CENSUS
Bachelor's Degree or Higher				25.20%	30.7%	US CENSUS
Drop Out Rates (per 100 7-12 graders)	1.4	0.00%	1.1	2.6	2.2	MN County Health Tables
Children born to teenage mothers (15-17yr old); rate per 1,000	12.4	0.01	10.00	15	13.20	MN Kids Count
Children age 10-17 arrested for violent crimes; per 1,000	13.7	***Less than 10 events	3.7	21.80	18.70	MN Kids Count (*** Less than 10 events not reported)
Children in out-of-home placements; per 1,000	20.00	13.00	24.9	18.00	12.00	MN Kids Count
Assure an Adequate Local Public Health Infrastructure	Carlton 2005	Cook 2005	Lake 2005	St. Louis 2005	State 2005	Notes/Source
County Local Public Health Infrastructure	4.34	0.4	1.21	21.5		County Staffing data
Prevent the Spread of Infectious Disease	0.3	0.05	0.1	1		County Staffing data
Promote Healthy Communities and Healthy Behaviors	11.12	0.5	1.59	22.7		County Staffing data
Assure Quality and Accessibility of Health Services	14.23	1.7	1.28	13.7		County Staffing data
Prepare for and Respond to Disasters and Assist Communities in Recovery	0.45	0.25	0.24	4		County Staffing data
Protect Against Environmental Health Hazards	0.34	1.1	1.33	15		County Staffing data
LPH: Total # Staff Including Contract Staff	46	8	8	77.9		County Staffing data
Total FTE LPH Health Educator	2.79	0.75	0.1	3.5		County Staffing data
Total FTE LPH Environmental Health Staff	0	1	1	15		County Staffing data
Total FTE LPH Public Health Nurse	11.49	2	1.5	40.4		County Staffing data
Total FTE LPH Administration & Support	7.91	1.25	2.5	19		County Staffing data

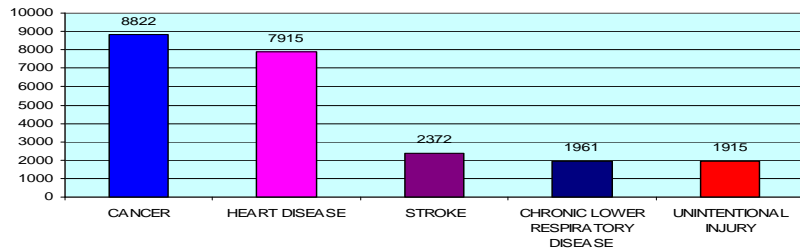
Promote Healthy Communities & Healthy Behaviors	Carlton 2005	Cook 2005	Lake 2005	St. Louis 2005	State 2005	Notes/ Source
Total Births	421	49	112	2,106	70,920	MN County Health Tables
Birth Rate Per 1000 Population	12.4	9.1	10	10.7	13.8	MN County Health Tables
Percent Low Birth Weight - Singleton	2.71	0	3.8	4.8	4.9	MN County Health Tables
WIC Participants - Unduplicated Count	1899	227	370	7,587	204,316	MDH WIC Program
Percent Adults Acute Drinking (5 or more drinks on occasion) - 2003 Estimates*	19.5%*	16.9%*	17.2%*	18%*	20%*	MN County Health Tables
Percent Overweight - 2003 Estimates*	60.4%*	62%*	61.1%*	59.3%*	60.4%*	Minnesota County Health Tables
Current Smokers - 2003 Estimates*	20.7%*	19.5%*	19.5%*	20.9%*	21.2%*	Minnesota County Health Tables
Seat Belt Usage	69.90%	63.00%	83.60%	75.00%	76.20%	MN County Health Tables
Unintentional Injury - All Ages Combined Types of Care -- Combined Outcomes	1518	284	731	14,656	299,716	MIDAS MDH
Unintentional Injury Under Age 65 Combined Types of Care -- Combined Outcomes	236	228	591	12,728	264,886	MIDAS MDH
Unintentional Injury Over Age 65 Combined Types of Care -- Combined Outcomes	1382	56	140	1,928	34,830	MIDAS MDH
Hospitalization for Unintentional Non-Fatal Falls in People under age 65	38	10	14	343	4,991	MIDAS MDH
Hospitalization for Unintentional Non-Fatal Falls in People 65+	87	10	35	501	8,188	MIDAS MDH
Fatal Falls - Combined Types of Care (Emergency Room & Hospital) in people under age 65	4	1	0	6	46	MIDAS MDH
Fatal Falls - Combined Types of Care (Emergency Room & Hospital) in People 65+	0	0	2	27	345	MIDAS MDH
Physical Activity Level (Adult 18 &+)	63.30%			86.70%	16.20%	MN County Health Tables
Suicide Rate Per 1000/Number of Incidences	Under 10 Incidences	0	Under 10 Incidences	25 Incidences	522 Incidences	MN County Health Tables
Mesothelioma (all sites) Observed - 1998-2002	7	2	1	27		MCSS Cancer in Minnesota 1998-2002
Assure the Quality and Accessibility of Health Services	Carlton 2005	Cook 2005	Lake 2005	St. Louis 2005	State 2005	Notes/ Source
Physicians per 10,000 population	16.8	11.6	12.5	34.3	25	MN County Health Tables
Dentists Per 10,000 Population	5.4	4.6	4.4	6.9	5.8	MN County Health Tables
Percent Currently Uninsured	10.10%	9.20%		9.10%		Bridge to Health Data
Percent Postponed Dental Care	39.10%	23.70%		23.80%		Bridge to Health Data
Percent Needed Medical Care But Did Not or Delayed Getting Care	15.80%	22.20%		12.80%		Bridge to Health Data

Protect Against Environmental Health Hazards	Carlton 2005	Cook 2005	Lake 2005	St. Louis 2005	State 2005	Notes/Source
Number of Food & Beverages Establishments	140 (2006)	No Data Available	149	Info requested	Info Requested	Minnesota County Health Tables; County Health Records
Foodborne Outbreaks (confirmed)	0	0	0	1	39	MN County Health Tables
Number of Complaints (Foodborne)			5			County Environmental Health Records
Number of Hazardous Material Releases	4	0	0	10	468	MN County Health Tables
Blood Lead Levels Tested	548	50	168	1252	72,168	MN County Health Tables
Blood Lead Levels 10 to 14.9 ug/dL ₂	3	1	2	4	998	MN County Health Tables
Blood Lead Levels 15 to 19.9 ug/dL ₂	1	0	1	1	128	MN County Health Tables
Number Public Health Nuisance Investigations						
Water Systems Exceeding Standards						
Radon Tests Completed in CHB Area	922 Radon Tests Completed in CHB Area					Combined CHB Four County SIRG Reports
Radon Test Results Over 4 pCi/L in CHB Area	17% of Results were Over 4 pCi/L in CHB Area					Combined CHB Four County SIRG Reports
Prepare For and Respond to Disasters and Assist Communities in Recovery	Carlton 2005	Cook 2005	Lake 2005	St. Louis 2005	State 2005	Notes/Source
Percent Have Fire Extinguisher in Home	86.00%*	85.7%*		96.7%*		2000 Bridge to Health Survey Data *
Percent Has a Working Smoke Detector in Home	96.20%*	94.00%*		45.7%*		2000 Bridge to Health Survey Data*
Number of Exercises LPH Participated in or Conducted	4 (2006)	3 (2006)	4 (2006)	12 (2006)		County Public Health Preparedness Report
Prevent the Spread of Infectious Disease	Carlton 2005	Cook 2005	Lake 2005	St. Louis 2005	State 2005	Notes/Source
Immunization Up-to-Date at 24 Months	59%	45%	54%	55%	60%	Minnesota Immunization Information Connection
Reported Cases of Lyme Disease	9	0	2	23	918	MN DEPT OF HEALTH (MDH)
Babesiosis	0	0	0	2	42	MN DEPT OF HEALTH (MDH)
Hepatitis C	0	0	0	2	15	MN DEPT OF HEALTH (MDH)
Tuberculosis Cases	1	0	0	2	199	MN DEPT OF HEALTH (MDH)
Human Anaplasmosis Cases	3	0	0	3	186	MN DEPT OF HEALTH (MDH)

**2005 LEADING CAUSES OF DEATH
STATE OF MINNESOTA**

TOTAL DEATHS 37,498

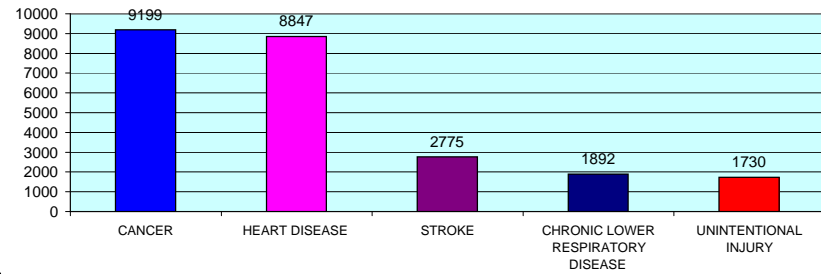
Data Source: 2006 Minnesota County Health Tables



**2000 LEADING CAUSES OF DEATH
STATE OF MINNESOTA**

TOTAL DEATHS 37,595

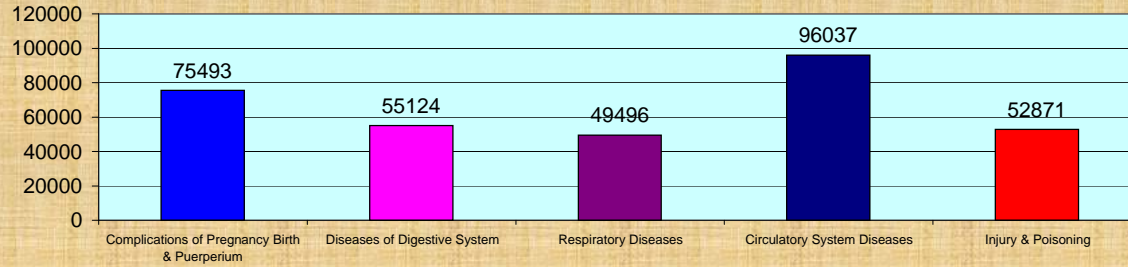
Data Source: MDH Center for Health Statistics



**2005 FIVE LEADING CAUSES OF HOSPITALIZATION (EXCLUDING BIRTHS)
STATE OF MINNESOTA**

TOTAL ALL AGES 552,990

Data Source: Minnesota Hospital Association





CARLTON-COOK-LAKE-ST. LOUIS COMMUNITY HEALTH BOARD
2007 COMMUNITY HEALTH ASSESSMENT
STATISTICAL INDICATORS BY AREA OF PUBLIC HEALTH RESPONSIBILITY

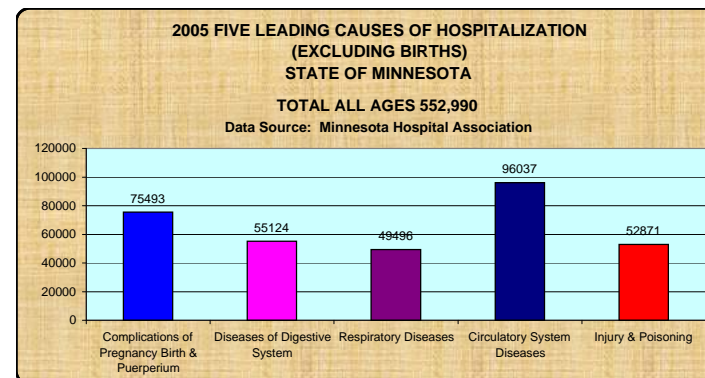
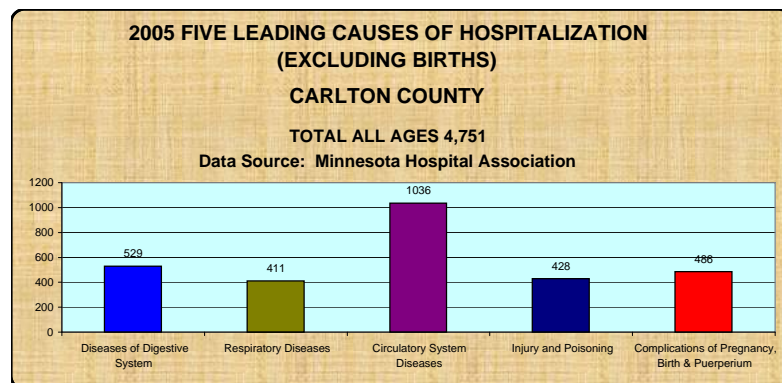
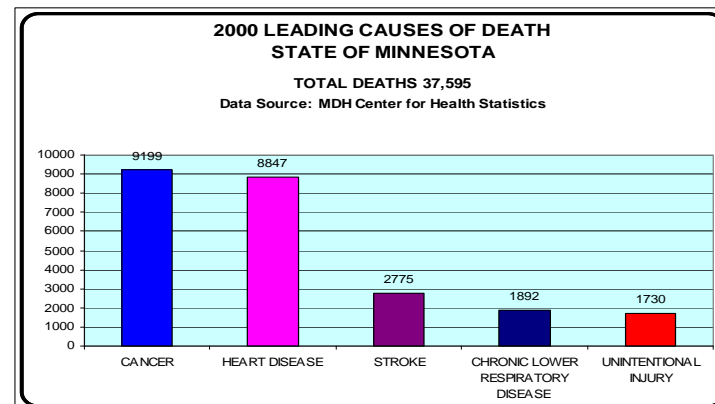
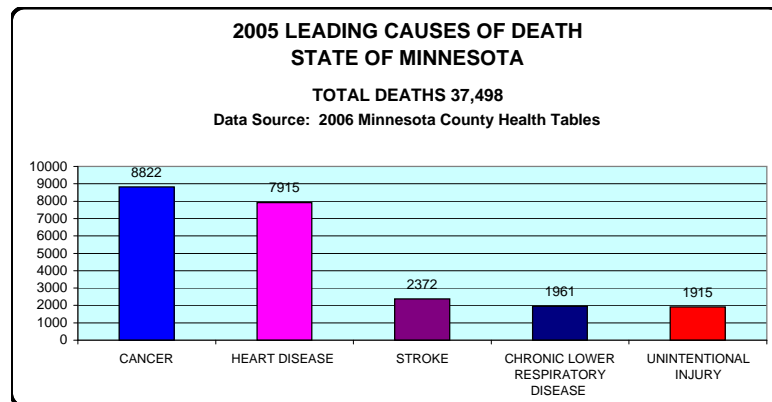
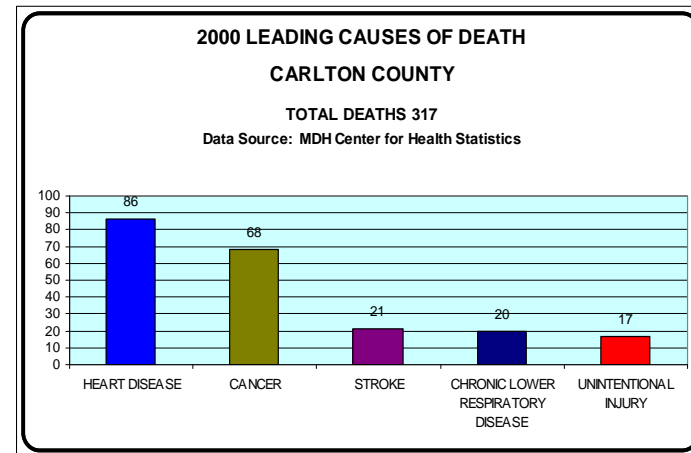
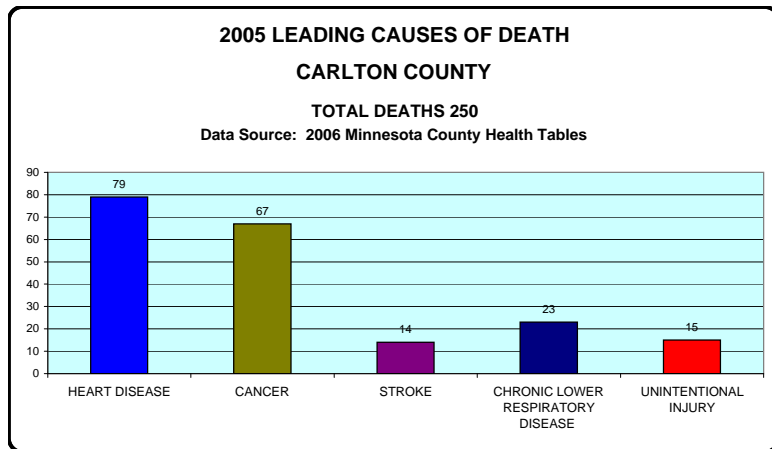
CARLTON COUNTY December, 2007

Demographics	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Estimated Population	29,318	30,261	31,671	34,038	5,132,799	34,116	MN County Health Tables
Population Density (Persons Per Square Mile)	34.1	35.2	36.8	39.6	64.5		MN County Health Tables
Total Female Population 20-64	7,913	8,078	8,534	9,886	1,551,913		MN County Health Tables
Percent of Total Female Population age 20-64	53.40%	53.33%	54.62%	58.94%	60.04%		MN County Health Tables
Total Male Population 20-64	7,948	8,356	9,485	10,897	1,576,851		MN County Health Tables
Percent of Total Male Population age 20-64	54.90%	55.30%	59.10%	63.10%	61.87%		MN County Health Tables
Number of Children 0-19	8,936	9,140	8,868	8,263	1,380,794		MN County Health Tables
Percent of Total Population - Children 0-19	30.50%	30.20%	28.00%	24.30%	26.90%		MN County Health Tables
Elderly 65+	4,521	4,687	4,784	4,992	359,654		MN County Health Tables
Percent Elderly 65+	15.40%	15.50%	15.10%	14.70%	12.10%		MN County Health Tables
Native American Population	1,300	1,457	1,809	1,830	59,987		MN County Health Tables
Percent Native American Population	4.40%	4.80%	5.70%	5.40%	1.17%		MN County Health Tables
Child Dependency Ratio (uner age 15) per 100 people 15-64	38.6	36.9	31.5	25.4	28.7		MN County Health Tables
Elderly Dependency Ratio (age 65+) per 100 people age 15-64	25.3	25.1	23.4	21.5	17.8		MN County Health Tables
Total Age Dependency Ratio	63.9	62.0	54.9	46.9	46.5		MN County Health Tables
Per Capita Income	14,222.00	18,900.00	23,909.00	26,114.00	27,248.00		US Bureau of Economic Analysis
Median Family Income			41,218.00	43,837.00	52,054.00		MDH Center for Health Statistics - Vital Statistics Summary 2007*
Percent Unemployed		7.00%	4.20%	5.60%	4.00%		MN County Health Tables
Percent Children Living in Poverty			10%	11%	11%		MN Kids Count
Percent Poverty All Ages			8.10%	8.10%	8%		MN County Health Tables
Percent Eligible for Free or Reduced Lunches			28.00%	29.30%	30.30%		MN County Health Tables MN Kids Count
Total Households in County		11,460	11,783	13,208	2,039,706		MN County Health Tables
Food Stamp Utilization – Monthly Average Households		987	678	756	118,244		MN County Health Tables
Voter Participation in Last Presidential Election			77.35%	70.20%	75.25%		Minnesota Secretary of State 2000 and 2004

Demographics (Continued)	1990	1995	2000	2005	State 2005	2006	Notes/Source
Total Public School Enrollment		6,912	6,713	6,145	838,997		MN County Health Tables
Private School Enrollment		392	385	70		56	Minnesota Department of Education
Educational Attainment -Percent of Population over 25 years and over High School Graduate or Higher			84.30%	Not Available	90.9%		US CENSUS
Bachelor's Degree or Higher			14.90%	Not Available	30.7%		US CENSUS
Drop Out Rates Per 100 7-12th Graders				1.4	2.2	1.2	Minnesota Department of Health Vital Statistics
Children born to teenage mothers (15-17yr old); rate per 1,000	12.7	10.6	11.7	12.4	13.2		Minnesota Department of Health Vital Statistics
Children age 10-17 arrested for violent crimes; per 1,000			15.8	13.7	18.70%		MN Kids Count
Children in out-of-home placements; Rate per 1,000 children			18	20	12		MN Kids Count
Assure an Adequate Local Public Health Infrastructure	1990	1995	2000	2005	State 2005	2006	Notes/Source
Total FTE - County Local Public Health Infrastructure				4.34		2.19	County PPMRS Reports
Total FTE - Prevent the Spread of Infectious Disease				0.3		0.21	County PPMRS Reports
Total FTE - Promote Healthy Communities and Healthy Behaviors				11.12		7.94	County PPMRS Reports
Total FTE - Assure Quality and Accessibility of Health Services				14.23		15.37	County PPMRS Reports
Total FTE - Prepare for and Respond to Disasters and Assist Communities in Recovery				0.45		0.63	County PPMRS Reports
Total FTE - Protect Against Environmental Health Hazards				0.34		0.25	County PPMRS Reports
LPH: Total # Staff Including Contract Staff				46		43	County PPMRS Reports
Total FTE	15.1	17.06	24.65				County Data Reports
Total FTE LPH Health Educator	0.55 (1991)	0.75	2.00	2.79		1.57	County PPMRS Reports
Total FTE LPH Environmental Health Staff	0 (1991)	0.00	0.00	0		0	County PPMRS Reports
Total FTE LPH Public Health Nurse/Other Nursing	12.78 (1991)	10.27	16.55	11.49		20.68	County PPMRS Reports
Total FTE LPH Administration & Support	1.77 (1991)	6.04	6.10	7.91		4.34	County PPMRS Reports

Promote Healthy Communities & Healthy Behaviors	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Total Births	371	320	369	421	70,920		MN County Health Tables
Birth Rate Per 1000	12.7	10.6	11.7	12.4	13.8		MN County Health Tables
Percent Low Birth Weight	4.36%	3.18%	4.73%	2.71%	4.90%		MN County Health Tables
WIC Participants - Unduplicated Count		1439	1303	1,899	204,316	1,947	MDH WIC Program
Percent Adults Acute Drinking (5 or more drinks on occasion) - 2003 Estimates for 2005*		20.20%	24.20%	19.5%*	20%*		MN County Health Table* Bridge to Health Survey
Percent Overweight - 2003 Estimates for 2005*		34.80%	34.60%	60.4%*	60.40%		MN County Health Table* Bridge to Health Survey
Current Smokers - 2003 Estimates for 2005*		21.00%	18.80%	20.7%*	21.20%		MN County Health Table* Bridge to Health Survey
Seat Belt Usage		81%	69.70%	69.90%	76.20%		MN County Health Tables
Unintentional Injury - All Ages Combined Types of Care-Combined Outcomes			1,942	1,518	299,716	1,552	MIDAS MDH
Unintentional Injury under Age 65 Combined Types of Care -- Combined Outcomes			241	236	264,886	219	MIDAS MDH
Unintentional Injury Over Age 65 Combined Types of Care -- Combined Outcomes			1,701	1,382	34,830	1,333	MIDAS MDH
Hospitalization for Non-Fatal Falls in People under 65			33	38	4,991	34	MIDAS MDH
Hospitalization for Non-Fatal Falls in People 65+			93	87	8,188	64	MIDAS MDH
Fatal Falls - Combined Types of Care (Emergency Room & Hospital) in People <65			0	4	46	1	MIDAS MDH
Fatal Falls - Combined Types of Care (Emergency Room & Hospital) in People Under Age 65			3	0	345	1	MIDAS MDH
Moderate Physical Activity Level (18 yrs+)			84.80%	63.30%			Bridge to Health Survey
Vigorous Physical Activity Level (18 yrs+)			combined	26.90%			Bridge to Health Survey
Suicide Rate Per 100 Population				0.01	522 Incidences		Minnesota Health Profiles - Datatnet
Mesothelioma (all sites) 1998-2002				7			MCSS Cancer in MN 1988-2002
Assure the Quality and Accessibility of Health Services	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Physicians per 10,000 population				16.80	25		MN County Health Tables
Dentists Per 10,000 Population				5.4	5.8		MN County Health Tables
Percent Currently Uninsured		7.10%		10.10%			Bridge to Health Survey
Postponed Dental Care in past 12 months		41.00%	25.50%	31.50%			Bridge to Health Survey
Needed Medical Care But Did Not or Delayed Getting Care		23.80%	8.30%	15.80%			Bridge to Health Survey

Protect Against Environmental Health Hazards	1990	1995	2000	2005	State 2005	2006	Notes/Source
Number of Food & Beverages Establishments Licenses			97	Info requested	Info requested	140*	*Association of MN Counties Health Profiles MN
Foodborne Outbreaks (confirmed)		0	0	0	39		MN County Health Tables
Number of Complaints (Foodborne)		0	2	0	Info requested		MN County Health Tables
Number of Hazardous Material Release Events		3	60	4	407		MN County Health Tables
Blood Lead Levels Tested		103	145	548	72,168		MN County Health Tables
Blood Lead Levels 10 to 14.9 ug/dL ₂		4	1	3	998		MN County Health Tables
Blood Lead Levels 15 to 19.9 ug/dL ₂		1	1	1	128		MN County Health Tables
Number Public Health Nuisance Investigations				No Data			
Water Systems Exceeding Standards							
Radon Tests Completed in CHB Area				992		298	Combined CHB Four County Report
Radon Tests<4pCi/L Results in CHB Area				17.00%		24.00%	Combined CHB Four County Report
Prepare For and Respond to Disasters and Assist Communities in Recovery	1990	1995	2000	2005	State 2005	2006	Notes/Source
Percent Fire Extinguisher in Home		76.30%	86.00%				Bridge to Health Survey
Percent Has a Working Smoke Detector in Home		96.20%	96.70%				Bridge to Health Survey
Number of Exercises LPH Participated in or Conducted (CHB Area 2006-07)						4	County PHP Reports
Prevent the Spread of Infectious Disease	1990	1995	2000	2005	State 2005	2006	Notes/Source
Immunization Up-to-Date at 24 Months			35%	59%	1	61%	Minnesota Immunization Information Connection
Reported Cases of Lyme Disease	2	1	2	9	918	13	Minnesota Department of Health (MDH)
Babesiosis	0	0	0	0	42	0	Minnesota Department of Health (MDH)
Hepatitis C				0	15	1	Minnesota Department of Health (MDH)
Tuberculosis Cases	0	1	0	1	199	1	Minnesota Department of Health (MDH)
Human Anaplasmosis Cases		0	2	3	186	1	Minnesota Department of Health (MDH)



**Carlton County
Statistical Indicators
CHAPP reporting 2007**

Prevent the Spread of Infectious Disease	1990*		1995*		2000**		2005***		2006***		State 2005***		Notes/Source
	population	29318	population	30261	population	31671	population	34038	population	34116	population	5132799	
Immunizations	percent up to date (4:3:1 series)****		percent up to date (4:3:1 series)****		percent up to date (4:3:1 series)****		percent up to date (4:3:1:3:3 series)*****		percent up to date (4:3:1:3:3 series)*****		percent up to date (4:3:1:3:3 series)*****		Minnesota Immunization Information Connection MIIC (2000-2006)
up-to-date, 24 months					35%		59%		61%		60%		
	Number		Percent		Percent		Number		Number		Percent		
Enrolled Kindergartners fully Protected by 24 mo.			72% 1996-1997		82% 2000-2002						68% 1996-1997 81% 2000-2002		MDH Retrospective Immunization Survey
Vaccine Preventable Diseases	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	IDEP&C; Immunization Tuberculosis and International Health (ITIH) section
Measles	0	0	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
Mumps	0	0	0	0.00	0	0.00	6	17.63	5	14.66	6	0.12	
Pertussis	0	0	0	0.00	3	9.47	16	47.01	0	0.00	1571	30.61	
Hepatitis A	0	0	0	0.00	0	0.00	0	0.00	0	0.00	35	0.68	
Hepatitis B (non-perinatal)	0	0	0	0.00	0	0.00	0	0.00	1	2.93	42	0.82	
Perinatal Hepatitis B transmission	0	0	0	0.00	0	0.00	0	0.00	0	0.00	4	0.08	
Influenza	Number		Number		Number		Number		Number		Number		IDEP&C; ITIH section
School reported outbreaks									4		11.72		
Possible^													
Probable†													
Long term care reported outbreaks‡											50		0.97
Tuberculosis	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	IDEP&C; ITIH section
Contact investigations													
Active TB cases	0		1		0		1		1		199		
LTBI cases identified by health department													

**Carlton County
Statistical Indicators
CHAPP reporting 2007**

Prevent the Spread of Infectious Disease	1990*		1995*		2000**		2005***		2006***		State 2005***		Notes/Source
	population	29318	population	30261	population	31671	population	34038	population	34116	population	5132799	
	1990		1995		2000		2005		2006		State 2005***		
	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	
Sexually transmitted diseases and bloodborne pathogens													
Chlamydia		0	0	0	24	75.78	41	120.45	50	146.56	12,187	237.43	IDEP&C; STD/HIV section
Gonorrhea		0	1	3.30	5	15.79	7	20.57	5	14.66	3,481	67.82	
Syphilis		0	0	0	0	0	1	2.94	0	0.00	70	1.36	
Hepatitis C		0	0	0	0	0	0	0.00	1	2.93	15	0.29	
AIDS - HIV		0	1	3.30	0	0	2	5.88	0	0	304	5.92	
Tickborne diseases: Lyme, Human Anaplasmosis (formally G. Ehrlichiosis), Babesiosis													IDEP&C; ADIC section
by county of residence	2	6.82	2	6.61	3	9.47	12	35.25	15	43.97	1,146	22.33	
by county of exposure		0		0		0		0		0			

*U.S. Census Bureau, 1990 Census of Population, www.census.gov

**U.S. Census Bureau, 2000 Census of Population, www.census.gov

*** U.S. Census Bureau, 2005 Census Estimates, www.census.gov

****4:3:1 (4DTaP, 3 Polio, 1 MMR)

*****4:3:1:3:3 (4DTaP, 3 Polio, 1MMR, 3HIB, 3HepB)

^possible influenza outbreak in schools: Double absences, 2/3 of primary symptoms of fever, rapid onset, and duration of illness greater than or equal to 3 days, one secondary symptom of myalgia, headache, cough, coryza, sore throat, chills

†probable influenza outbreak in schools: double absences, all of the primary symptoms of fever, rapid onset, and duration of illness greater than or equal to 3 days, at least one secondary symptom of myalgia, headache, cough, coryza, sore throat, chills

‡influenza outbreak in a LTC setting - three or more residents having ILI on a single unit during a 48 to 72 hour period, and at least one of those has a positive culture or rapid-antigen test for influenza. □



CARLTON-COOK-LAKE-ST. LOUIS COMMUNITY HEALTH BOARD
2007 COMMUNITY HEALTH ASSESSMENT
STATISTICAL INDICATORS BY AREA OF PUBLIC HEALTH RESPONSIBILITY

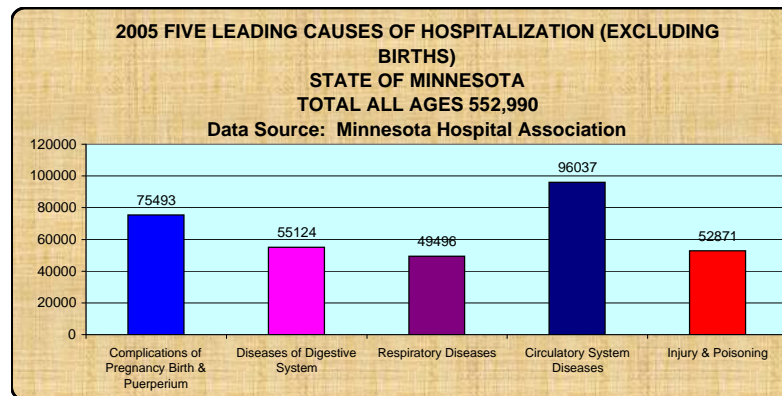
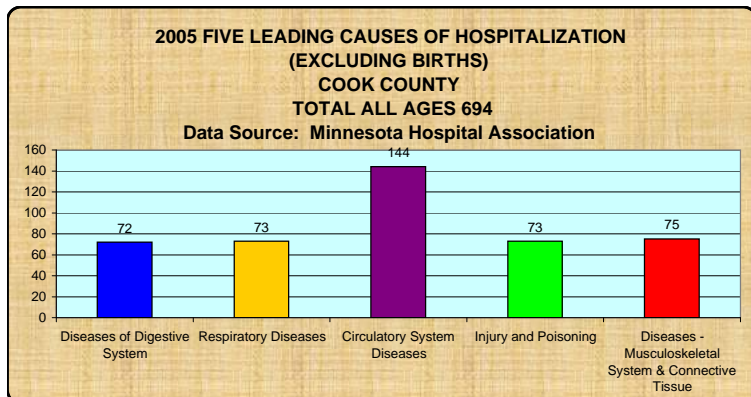
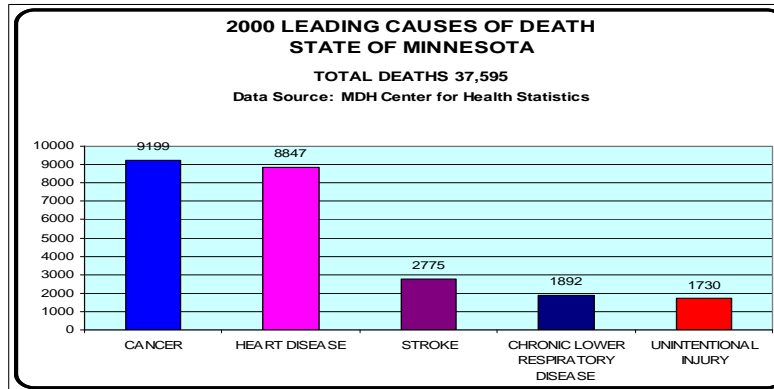
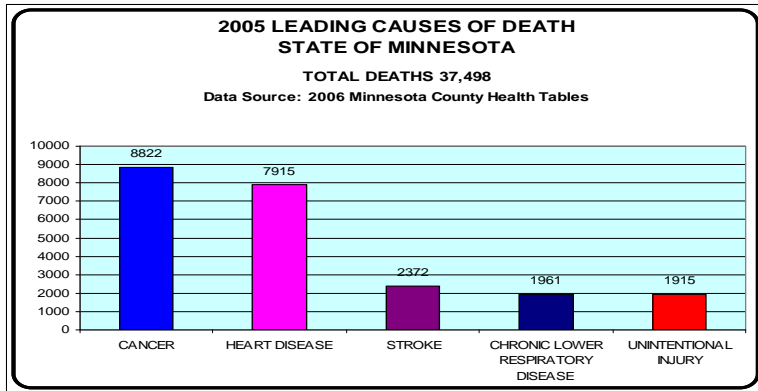
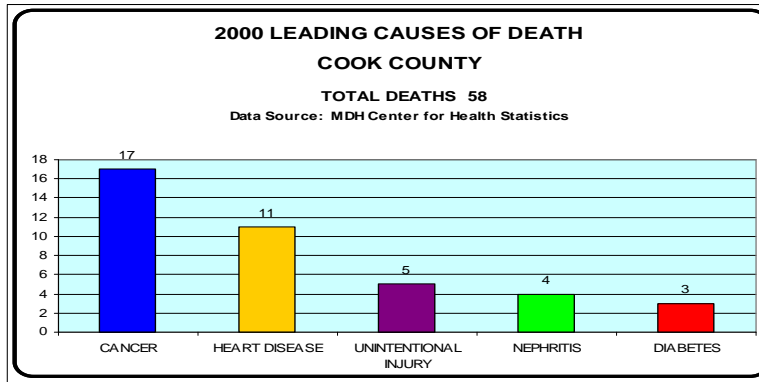
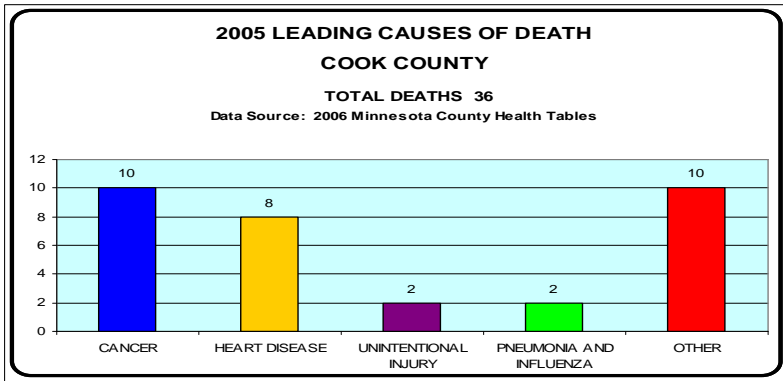
COOK COUNTY *December, 2007*

Demographics	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Estimated Population	3,871	4,555	5,168	5,379	5,132,799	5,329 Estimate	MN County Health Tables
Population Density (Persons Per Square Mile)	2.7	3.1	3.6	3.7	64.5		MN County Health Tables
Total Female Population 20-64	1,084	1,289	1,561	1,676	1,551,913		MN County Health Tables
Percent Female Population 20-64	55.90%	56.70%	60.30%	62.60%	60.04%		MN County Health Tables
Total Male Population 20-64	1,139	1,356	1,569	1,694	1,576,851		MN County Health Tables
Percent Male Population 20-64	59.00%	59.50%	60.80%	62.70%	61.87%		MN County Health Tables
Number of Children 0-19	1,010	1,165	1,151	1,022	1,380,794		MN County Health Tables
Percent of Total Population Children 0-19	26.10%	25.60%	22.30%	19.00%	26.90%		MN County Health Tables
Elderly 65+	638	745	887	987	359,654		MN County Health Tables
Percent Elderly 65+	16.50%	16.40%	17.20%	18.30%	12.10%		MN County Health Tables
Native American Population	271	341	392	382	59,987		MN County Health Tables
Percent Native American Population	7.00%	7.50%	8.20%	7.10%	1.17%		MN County Health Tables
Child Dependency Ratio (under age 15) per 100 people age 15-64	32.4	30.7	24.7	20.2	28.7		MN County Health Tables
Elderly Dependency Ratio (age 65+) per 100 people age 15-64	26.1	25.6	25.8	27.0	17.8		MN County Health Tables
Total Age Dependency Ratio	58.6	56.3	50.6	47.2	46.5		MN Department of Health (MDH)
Per Capital Income	17,574.00	21,977.00	26,651.00	32,312.00	52,054.00		MDH Health Center for Health Statistics Summary - 2007
Median Family Income			38,263.00	39,471.00	63,998.00		MDH Vital Statistics Summary 2007
Percent Unemployed		4.60%	4.60%	4.20%	4.00%		MN County Health Tables
Percent Children Living in Poverty			10.50%	10.00%	11%		MDH Vital Statistics Summary 2007
Total Poverty All Ages			7.10%	7.00%	8%		MDH Vital Statistics Summary 2007
Percent Free or Reduced Lunches			19%	27.80%	30.30%		MN County Health Tables
Total Households in County		1,788	2,369	2,488	2,039,706		MDH Vital Statistics Summary 2007
Food Stamp Utilization – Monthly Average Households		78	48	65	118,244		Minnesota Department of Health Vital Statistics
Voter Participation in Last Presidential Election			81.09%	75.70%	75.25%		MN Secretary of State Election Returns 2000 and 2004

Demographics (Continued)	1990	1995	2000	2005	State 2005	2006	Notes/Source
Pre-Kindergarten to 12th Grade Enrollment			695	665	838,997		Minnesota Department of Health Vital Statistics
Private School Enrollment							Minnesota Department of Education
Educational Attainment - Percent of Population over 25 years - High School Graduate or higher			88.70%	Not Available	90.90%		US Census
Bachelor's Degree or higher			28.80%	Not Available	30.70%		US Census
Drop Out Rates per 100 7-12 graders			2.30%	0.00%	2.2%	0.00%	MN County Health Tables
Children born to teenage mothers (15-17yr old); Three Year Rate per 1,000	12.1	11.5	6.6	9.1	13.20		MN Department of Health (MDH) Dept. for Health Statistics
Children age 10-17 arrested for violent crimes; per 1,000			*** Less than 10 events	*** Less than 10 events	18.70		MN Kids Count
Children in out-of-home placements; rate per 1,000			13.00	17.00	12.00		MN Kids Count
Assure an Adequate Local Public Health Infrastructure	1990	1995	2000	2005	State 2005	2006	Notes/Source
County Local Public Health Infrastructure				0.40		1.42	County Staffing data
Prevent the Spread of Infectious Disease				0.05		0.8	County Staffing data
Promote Healthy Communities and Healthy Behaviors				0.50		0.36	County Staffing data
Assure Quality and Accessibility of Health Services				1.70		1.13	County Staffing data
Prepare for Respond to Disasters and Assist Communities in Recovery				0.25		0.28	County Staffing data
Protect Against Environmental Health Hazards				1.10		1.06	County Staffing data
LPH: Total # Staff Including Contract Staff				8		8	County Staffing data
Total FTE	8.34	13.93	5				County Staffing data
Total FTE LPH Health Educator	0 (1991)	0	0	0.75		0	County Staffing data
Total FTE LPH Environmental Health Staff	1 (1991)	2.42	1.00	1.00		1.00	County Staffing data
Total FTE LPH Public Health Nurse	4.4 (1991)	7.8	3.15	2.00		3.80	County Staffing data
Total FTE LPH Administration & Support	2.94 (1991)	3.71	0.85	1.25		1.25	County Staffing data
Promote Healthy Communities & Healthy Behaviors	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Total Births	47	56	34	49	70,920		MN County Health Tables
Birth Rate Per 1000	12.1	12.3	6.6	9.1	13.8		MN County Health Tables
Percent Low Birth Weight - Singleton	0.02%	0.03%	0.03%	0	4.90%		MN County Health Tables
WIC Participants - Unduplicated Count		195	162	227	204,316	236	MDH WIC Program
Percent Adults Acute Drinking (5 or more drinks) - 2003 Estimates*		25.30%	20.80%	16.9%*	18.80%		MN County Health Tables Bridge to Health 2000
Percent Overweight - 2003 Estimates*		37.20%	34.10%	61.8%*	60.10%		MN County Health Tables Bridge to Health Survey 1995 & 2000*
Current Smokers - 2003 Estimates*		16.40%	21.40%	19.5%*	22.00%		MN County Health Tables Bridge to Health Survey 1995 & 2000
Seat Belt Usage			85.70%	63%	76.20%		MN County Health Tables Bridge to Health 2000

Promote Healthy Communities & Healthy Behaviors Continued	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Unintentional Injury - All Ages Combined Types of Care - Combined Outcomes			56	284	299,716	341	MIDAS MDH
Unintentional Injury under age 65 Combined Types of Care -- Combined Outcomes			42	228	264,886	68	MIDAS MDH
Unintentional Injury over age 65 Combined Types of Care - Combined Outcomes			14	56	34,830	273	MIDAS MDH
Hospitalization for Unintentional Non-Fatal Falls in People under age 65			13	10	4,991	24	MIDAS MDH
Hospitalization for Unintentional Non-Fatal Falls in People 65+			9	10	8,188	15	MIDAS MDH
Fatal Falls - Combined Types of Care (Emergency Room & Hospital) in people under age 65			0	1	46	0	MIDAS MDH
Fatal Falls - Combined Types of Care (Emergency Room & Hospital) in People 65+			0	0	345	0	MIDAS MDH
Moderate Physical Activity Level (18 yrs +)		43.60%	89.9% Combined				Bridge to Health Survey
Vigorous Physical Activity Level (18 yrs+)					16.20%		MN County Health Tables
Suicide Rate				0.00%	522 Incidences		Minnesota Health Profiles - Datanet
Mesothelioma (all sites) 1998-2002 Observed			2				MCSS Cancer in Minnesota 1988-2002
Assure the Quality and Accessibility of Health Services	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Physicians per 10,000 population				11.6	25		MN County Health Tables
Dentists Per 10,000 Population				4.6	5.8		MN County Health Tables
Percent Uninsured Any Time in Past 12 months		13.40%	5.20%				Bridge to Health Survey
Currently Uninsured		8.10%	7.70%	9.20%			Bridge to Health Survey
Postponed Dental Care		37.10%	35.70%	23.70%			Bridge to Health Survey
Needed Medical Care But Did Not or Delayed Getting Care		23.70%	22.20%	18.50%			Bridge to Health Survey
Protect Against Environmental Health Hazards	1990	1995	2000	2005	State 2005	2006	Notes/Source
Number of Food & Beverages Establishments	62 (1991)	72	74	No Data Available	Data Requested	149 (2007)*	*Association of MN Counties County CHS Data Reports
Foodborne Outbreaks (confirmed)		0	0	0	39		MN County Health Tables
Number of Complaints (Foodborne)		0	3		Data Requested		Minnesota Health Profile - 2001
Number of Hazardous Material Releases		0	0	0	407		MN County Health Tables
Number Public Health Nuisance Investigations	389 (1991)	358	188				County CHS Data Reports
Blood Lead Levels Tested		42	12	50	72168		MN County Health Tables
Blood Lead Levels 10 to 14.9 ug/dL ₂		0	0	1	998		MN County Health Tables
Blood Lead Levels 15 to 19.9 ug/dL ₂		0	0	0	128		MN County Health Tables
Water Systems Exceeding Standards							
Radon Tests Completed in CHB Area				992		298	Combined CHB Four County SIRG Report
Radon Tests over 4 pCi/L in CHB Area				17.00%		24.00%	Combined CHS Four County SIRG Report

Prepare For and Respond to Disasters and Assist Communities in Recovery	1990	1995	2000	2005	State 2005	2006	Notes/Source
Fire Extinguisher in Home		87.10%	85.70%				Bridge to Health Survey
Has a Working Smoke Detector in Home		94.00%	94.10%				Bridge to Health Survey
Number of Exercises LPH Participated in or Conducted						3	County Public Health Preparedness Reports
Prevent the Spread of Infectious Disease	1990	1995	2000	2005	State 2005	2006	Notes/Source
Immunization Up-to-Date at 24 Months			65%	45%	60%	51%	Minnesota Immunization Information Connection
Reported Cases of Lyme Disease	0	0	0	0	918	1	MN Department of Health (MDH)
Babesiosis			0	0	42	0	MN Department of Health (MDH)
Hepatitis C			0	0	15	0	MN Department of Health (MDH)
Tuberculosis Cases	0	0	0	0	199	0	MN Department of Health (MDH)
Human Anaplasmosis Cases			0	0	186	0	MN Department of Health (MDH)



Cook County
Statistical Indicators
CHAPP reporting 2007

Prevent the Spread of Infectious Disease	1990*		1995*		2000**		2005***		2006***		State 2005***		Notes/Source
	population	3868	population	4459	population	5168	population	5379	population	5329	population	5132799	
Immunizations	percent up to date (4:3:1 series)****		percent up to date (4:3:1 series)****		percent up to date (4:3:1 series)****		percent up to date (4:3:1:3:3 series)*****		percent up to date (4:3:1:3:3 series)*****		percent up to date (4:3:1:3:3 series)*****		Minnesota Immunization Information Connection MIIC (2000-2006)
up-to-date, 24 months					65%		45%		51%		60%		
	Number		Percent		Percent		Number		Number		Percent		
Enrolled Kindergartners fully Protected by 24 mo.			75% 1996-1997		92% 2000-2002						68% 1996-1997 81% 2000-2002		MDH Retrospective Immunization Survey
Vaccine Preventable Diseases	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	IDEP&C; Immunization Tuberculosis and International Health (ITIH) section
Measles		0		0		0		0		0		0	
Mumps		0		0		0		0		0		6	
Pertussis		0		0		0		0		0		1,571	
Hepatitis A		0		0		0		0		0		35	
Hepatitis B (non-perinatal)		0		0		0		0		0		42	
Perinatal Hepatitis B transmission		0		0		0		0		0		4	
Influenza	Number		Number		Number		Number		Number		Number		IDEP&C; ITIH section 2005-2006 Season
School reported outbreaks											0		
Possible^											0		
Probable†											0		
Long term care reported outbreaks‡											0		
Tuberculosis	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	IDEP&C; ITIH section
Contact investigations	0		0		0		0		0				
Active TB cases	0		0		0		0		0		199	3.88	
LTBI cases identified by health department													

Cook County
Statistical Indicators
CHAPP reporting 2007

Prevent the Spread of Infectious Disease	1990*		1995*		2000**		2005***		2006***		State 2005***		Notes/Source
	population	3868	population	4459	population	5168	population	5379	population	5329	population	5132799	
	1990		1995		2000		2005		2006		State 2005***		
	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	
Sexually transmitted diseases and bloodborne pathogens													
Chlamydia		0		0		0	4	74.36	8	150.12	12,187	237.43	IDEP&C; STD/HIV section
Gonorrhea		0		0	1	19.35	2	37.18	0	0	3,481	67.82	
Syphilis		0		0		0	0	0	0	0	70	1.36	
Hepatitis C		0		0		0	0	0	0	0	15	0.29	
AIDS - HIV		0		0		0	0	0	0	0	304	5.92	
Tickborne diseases: Lyme, Human Anaplasmosis (formally G. Ehrlichiosis), Babesiosis	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	IDEP&C; ADIC section
by county of residence	0	0	0	0	0	0	0	0	0	0	1,146	22.33	
by county of exposure		0		0		0		0		0			

*U.S. Census Bureau, 1990 Census of Population, www.census.gov

**U.S. Census Bureau, 2000 Census of Population, www.census.gov

*** U.S. Census Bureau, 2005 Census Estimates, www.census.gov

****4:3:1 (4DTaP, 3 Polio, 1 MMR)

*****4:3:1:3:3 (4DTaP, 3 Polio, 1MMR, 3HIB, 3HepB)

^possible influenza outbreak in schools: Double absences, 2/3 of primary symptoms of fever, rapid onset, and duration of illness greater than or equal to 3 days, one secondary symptom of myalgia, headache, cough, coryza, sore throat, chills

†probable influenza outbreak in schools: double absences, all of the primary symptoms of fever, rapid onset, and duration of illness greater than or equal to 3 days, at least one secondary symptom of myalgia, headache, cough, coryza, sore throat, chills

‡influenza outbreak in a LTC setting - three or more residents having ILI on a single unit during a 48 to 72 hour period, and at least one of those has a positive culture or rapid-antigen test for influenza. □



CARLTON-COOK-LAKE-ST. LOUIS COMMUNITY HEALTH BOARD
2007 COMMUNITY HEALTH ASSESSMENT
STATISTICAL INDICATORS BY AREA OF PUBLIC HEALTH RESPONSIBILITY
LAKE COUNTY REPORT (December 2007)

Demographics	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Estimated Population	10,432	10,614	11,058	11,168	5,132,799	10,966 Estimate	MN County Health Tables
Population Density (Persons Per Square Mile)	5.0	5.1	5.3	5.3	64.5		MN County Health Tables
Total Female Population 20-64	2,902	2,964	3,019	3,200	1,551,913		MN County Health Tables
Percent of Total Female Population 20-64	55.40%	55.90%	54.50%	56.70%	60.04%		MN County Health Tables
Total Male Population 20-64	2,958	3,043	3,102	3,282	1,576,851		MN County Health Tables
Percent of Total Male Population 20-64	57.00%	57.30%	56.20%	59.40%	61.87%		MN County Health Tables
Number of Children 0-19	2,762	2,755	2,726	2,349	1,380,794		MN County Health Tables
Percent of Total Population Children 0-19	26.50%	26.00%	24.70%	21.00%	26.90%		MN County Health Tables
Elderly 65+	1,810	1,852	2,211	2,337	359,654		MN County Health Tables
Percent Elderly 65+	17.40%	17.40%	20.00%	20.90%	12.10%		MN County Health Tables
Native American Population	61	63	86	78	59,987		MN County Health Tables
Percent Native American Population	0.60%	0.60%	0.80%	0.70%	1.17%		MN County Health Tables
Child Dependency Ratio (under age 15) per 100 people age 15-64	32.4	30.4	28.9	22.5	28.7		MN County Health Tables
Elderly Dependency Ratio (age 65+) per 100 people age 15-64	27.8	27.6	32.2	32.4	17.8		MN County Health Tables
Total Age Dependency Ratio	60.1	58.0	61.2	54.9	46.5		MN County Health Tables
Per Capita Income	\$14,098	\$18,116	\$24,288	\$32,655	\$27,248		Bureau of Economic Analysis
Median Household Income		\$28,067	\$41,051	\$45,400	\$52,054		MDH Health Center for Health Statistics Summary - 2007
Percent Unemployed		5.20%	5.20%	4.10%	4.00%		MN County Health Tables
Percent Children Living in Poverty			10.40%	11.50%	11.00%		MDH Health Statistics
Percent Poverty All Ages			7.30%	7.70%	8.00%		MN County Health Tables
Percent Eligible for Free or Reduced Lunches			23.10%	25.70%	30.30%		MN County Health Tables
Total Households in County		4,294	4,678	4,800	2,039,706		MN County Health Tables
Food Stamp Utilization – Monthly Average Households		212	128	193	118,244		MN County Health Tables

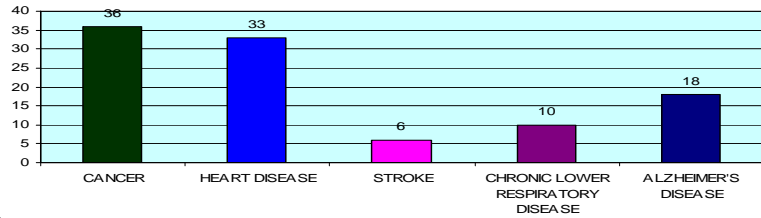
Demographics (Continued)	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Voter Participation in Last Presidential Election			82.12%	78.20%	75.25%		MN Secretary of State Election Returns 2000 and 2004
Total Public School Enrollment		2,324	1,698	1,593	838,997		Minnesota Department of Health Vital Statistics
Total Private School Enrollment							Minnesota Department of Education
Educational Attainment - Percent of Population over 25 years High School Graduate or Higher			86.4%		90.9%		US CENSUS
Bachelor's Degree or Higher			19.5%		30.7%		US CENSUS
Drop Out Rates (per 100 7-12 graders)			1.5	1.1	2.2	0.8	MN County Health Tables
Children born to teenage mothers (15-17yr old); Three year rate per 1,000	10.10	9.70	9.40	10.00	13.20		MN Kids Count
Children age 10-17 arrested for violent crimes; per 1,000				3.7	18.70		MN Kids Count
Children in out-of-home placements; per 1,000				24.9	12.00		MN Kids Count
Assure an Adequate Local Public Health Infrastructure	1990	1995	2000	2005	State 2005	2006	Notes/Source
County Local Public Health Infrastructure				1.21		1.21	County Staffing data
Prevent the Spread of Infectious Disease				0.1		0.1	County Staffing data
Promote Healthy Communities and Healthy Behaviors				1.59		1.84	County Staffing data
Assure Quality and Accessibility of Health Services				1.28		1.53	County Staffing data
Prepare for Respond to Disasters and Assist Communities in Recovery				0.24		0.24	County Staffing data
Protect Against Environmental Health Hazards				1.33		1.33	County Staffing data
LPH: Total # Staff Including Contract Staff				8		8	County Staffing data
Total FTE	12.89	12.24	15.27				County Staffing data
Total FTE LPH Health Educator	4.00 (1991)	0.92	Not Listed	0.10		0.10	County Staffing data
Total FTE LPH Environmental Health Staff	1.00 (1991)	1	1	1.00		1.00	County Staffing data
Total FTE LPH Public Health Nurse/Other Nursing Staff	4.85 (1991)	6.33	10.36	1.50		3.50	County Staffing data
Total FTE LPH Administration & Support	3.04 (1991)	3.99	3.91	2.50		2.50	County Staffing data

Promote Healthy Communities & Healthy Behaviors	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Total Births	105	103	104	112	70,920		MN County Health Tables
Birth Rate Per 1000 Population	10.1	9.7	9.4	10	13.8		MN County Health Tables
Percent Low Birth Weight - Singelton				3.80%	4.90%		MN County Health Tables
WIC Participants - Unduplicated Count		340	293	370	204,316	377	MDH WIC Program
Percent Adults Acute Drinking (5 or more drinks on occasion) - 2003 Estimates*				17.2%*	20%*		MN County Health Tables
Percent Overweight - 2003 Estimates*				61.1%*	60.4%*		Minnesota County Health Tables
Current Smokers - 2003 Estimates*				19.5%*	21.2%*		Minnesota County Health Tables
Seat Belt Usage				83.60%	76.20%		MN County Health Tables
Unintentional Injury - All Ages Combined Types of Care -- Combined Outcomes			673	731	299,716	771	MIDAS MDH
Unintentional Injury under age 65 Combined Types of Care -- Combined Outcomes			576	591	264,886	659	MIDAS MDH
Unintentional Injury over age 65 Combined Types of Care -- Combined Outcomes			97	140	34,830	112	MIDAS MDH
Hospitalization for Unintentional Non-Fatal Falls in People under age 65			12	14	4,991		MIDAS MDH
Hospitalization for Unintentional Non-Fatal Falls in People 65+			28	35	8,188		MIDAS MDH
Fatal Falls - Combined Types of Care (Emergency Room & Hospital) in people under age 65			0	0	46		MIDAS MDH
Fatal Falls - Combined Types of Care (Emergency Room & Hospital) in People 65+			0	2	345		MIDAS MDH
Physical Activity Level (Adult 18 &+)					16.20%		MN County Health Tables
Suicide Rate Per 1000				0.00	522 Incidences		MN County Health Tables
Mesothelioma (all sites) Observed - 1998-2002				1			MCSSS Cancer in Minnesota 1998-2002
Assure the Quality and Accessibility of Health Services	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Physicians per 10,000 population				12.5	25		MN County Health Tables
Dentists Per 10,000 Population				4.4	5.8		MN County Health Tables
Percent Uninsured - All Ages			8.40%				US Census Bureau 2000
Percent Uninsured Any Time in Past 12 months							Bridge to Health Data Not Used
Percent Currently Uninsured			3.90%				Bridge to Health Data Not Used
Percent Postponed Dental Care Because it Cost Too Much		33.60%	18.70%				Bridge to Health Data for 1995 and 2000 2005 Bridge to Health Data Not Used
Percent Needed Medical Care But Did Not or Delayed Getting Care		25.30%	10.60%				Bridge to Health Data for 1995 and 2000 2005 Bridge to Health Data Not Used

Protect Against Environmental Health Hazards	1990	1995	2000	2005	State 2005	2006	Notes/Source
Number of Food & Beverages Establishments	94 (1991)	98	96	149	Info requested	149	Lake County Environmental Health Records and County CHS Data Reports
Foodborne Outbreaks (confirmed)	0	0	0	0	39	0	MN County Health Tables
Number of Complaints (Foodborne)	0	0	0	5	Info requested	6	Lake County Environmental Health Records
Number of Hazardous Material Releases		0	0	0	468		MN County Health Tables
Blood Lead Levels Tested		14	43	168	72,168		MN County Health Tables
Blood Lead Levels 10 to 14.9 ug/dL ₂		0	0	2	998		MN County Health Tables
Blood Lead Levels 15 to 19.9 ug/dL ₂		0	2	1	128		MN County Health Tables
Number Public Health Nuisance Investigations	253 (1991)	112	33	5			County Environmental Health Records
Water Systems Exceeding Standards							
Radon Tests Completed in CHB Area				922		298	Combined CHB Four County SIRG Reports
Radon Test Results Over 4 pCi/L in CHB Area				17.00%		24.00%	Combined CHB Four County SIRG Reports
Prepare For and Respond to Disasters and Assist Communities in Recovery	1990	1995	2000	2005	State 2005	2006	Notes/Source
Percent Have Fire Extinguisher in Home							Bridge to Health Data Not Used
Percent Has a Working Smoke Detector in Home							Bridge to Health Data Not Used
Number of Exercises LPH Participated in or Conducted						4	County Public Health Preparedness Report
Prevent the Spread of Infectious Disease	1990	1995	2000	2005	State 2005	2006	Notes/Source
Immunization Up-to-Date at 24 Months			45%	54%	60.00%	60%	Minnesota Immunization Information Connection
Reported Cases of Lyme Disease	1	0	0	2	918	1	MN DEPT OF HEALTH (MDH)
Babesiosis			0	0	42	0	MN DEPT OF HEALTH (MDH)
Hepatitis C			0	0	15	0	MN DEPT OF HEALTH (MDH)
Tuberculosis Cases	0	0	0	0	199	0	MN DEPT OF HEALTH (MDH)
Human Anaplasmosis Cases			0	0	186	0	MN DEPT OF HEALTH (MDH)

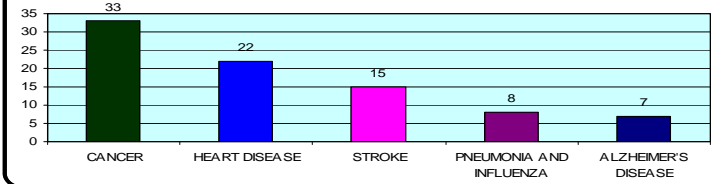
**2005 LEADING CAUSES OF DEATH
LAKE COUNTY**

TOTAL DEATHS 151
Data Source: 2006 Minnesota County Health Tables



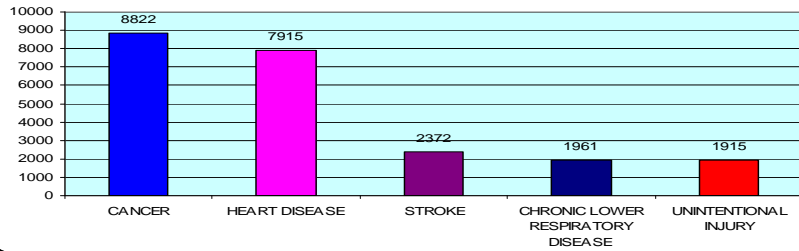
**2000 LEADING CAUSES OF DEATH
LAKE COUNTY**

TOTAL DEATHS 116
Data Source: MDH Center for Health Statistics



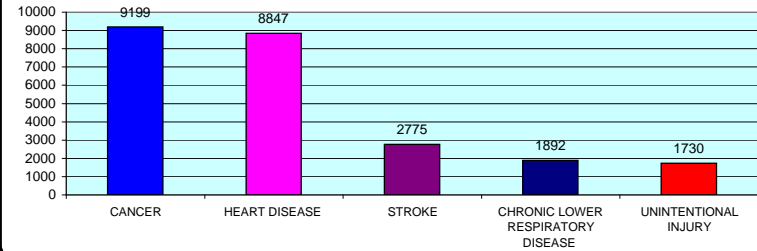
**2005 LEADING CAUSES OF DEATH
STATE OF MINNESOTA**

TOTAL DEATHS 37,498
Data Source: 2006 Minnesota County Health Tables



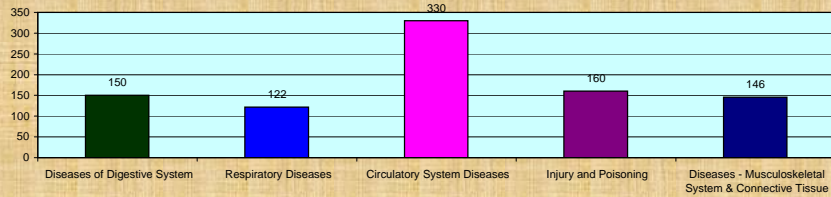
**2000 LEADING CAUSES OF DEATH
STATE OF MINNESOTA
TOTAL DEATHS 37,595**

Data Source: MDH Center for Health Statistics



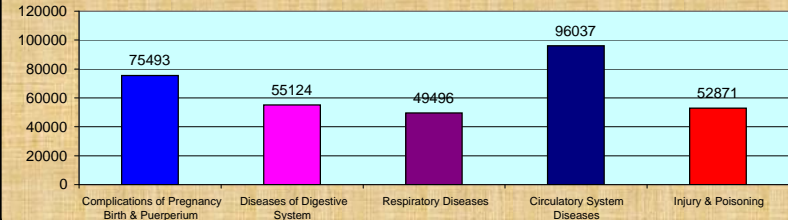
**2005 FIVE LEADING CAUSES OF HOSPITALIZATION
(EXCLUDING BIRTHS)
Lake County**

TOTAL ALL AGES 1,500
Data Source: Minnesota Hospital Association



**2005 FIVE LEADING CAUSES OF HOSPITALIZATION (EXCLUDING BIRTHS)
STATE OF MINNESOTA**

TOTAL ALL AGES 552,990
Data Source: Minnesota Hospital Association



Lake County
Statistical Indicators
CHAPP reporting 2007

Prevent the Spread of Infectious Disease	1990*		1995*		2000**		2005***		2006***		State 2005***		Notes/Source
	population	10415	population	10707	population	11058	population	11168	population	10966	population	5132799	
Immunizations	percent up to date (4:3:1 series)****		percent up to date (4:3:1 series)****		percent up to date (4:3:1 series)****		percent up to date (4:3:1:3:3 series)*****		percent up to date (4:3:1:3:3 series)*****		percent up to date (4:3:1:3:3 series)*****		Minnesota Immunization Information Connection MIIC (2000-2006)
up-to-date, 24 months					45%		54%		61%		60%		
			Percent		Percent						Percent		
Enrolled Kindergartners fully Protected by 24 mo.			61% 1996-1997		84% 2000-2002						68% 1996-1997 81% 2000-2002		MDH Retrospective Immunization Survey
Vaccine Preventable Diseases	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	IDEP&C; Immunization Tuberculosis and International Health (ITIH) section
Measles		0	0	0	0	0	0	0	0	0	0	0	
Mumps		0	0	0	0	0	0	0	0	0	6	0.12	
Pertussis		0	0	0	0	0	0	0	0	0	1,571	30.61	
Hepatitis A		0	0	0	0	0	0	0	0	0	35	0.68	
Hepatitis B (non-perinatal)		0	0	0	0	0	0	0	0	0	42	0.82	
Perinatal Hepatitis B transmission		0	0	0	0	0	0	0	0	0	4	0.08	
Influenza	Number		Number		Number		Number		Number		Number		IDEP&C; ITIH section
School reported outbreaks	0		0		0		0		0		199		
Possible^													
Probable†													
Long term care reported outbreaks‡											50		0.97
Tuberculosis	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	IDEP&C; ITIH section
Contact investigations													
Active TB cases	0	0	0	0	0	0	0	0	0	0	199	3.88	
LTBI cases identified by health department	0	0	0	0	0	0	0	0	0	0			8.28.07 adw

Lake County
Statistical Indicators
CHAPP reporting 2007

Prevent the Spread of Infectious Disease	1990*		1995*		2000**		2005***		2006***		State 2005***		Notes/Source
	population	10415	population	10707	population	11058	population	11168	population	10966	population	5132799	
	1990		1995		2000		2005		2006		State 2005***		
	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	
Sexually transmitted diseases and bloodborne pathogens													
Chlamydia		0	0	0	3	27.13	15	134.31	7	63.83	12,187	237.43	IDEP&C; STD/HIV section
Gonorrhea		0	0	0	1	9.04	1	8.95	0	0	3,481	67.82	
Syphilis		0	0	0	0	0	0	0	0	0	70	1.36	
Hepatitis C		0	0	0	0	0	0	0	0	0	15	0.29	
AIDS - HIV		0	0	0	0	0	1	8.95	1	9.12	304	5.92	
Tickborne diseases: Lyme, Human Anaplasmosis (formally G. Ehrlichiosis), Babesiosis	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	IDEP&C; ADIC section
by county of residence		0		0		0	2	17.91	0	0	1,146	22.33	
by county of exposure		0		0		0	0	0	0	0			

*U.S. Census Bureau, 1990 Census of Population, www.census.gov

**U.S. Census Bureau, 2000 Census of Population, www.census.gov

*** U.S. Census Bureau, 2005 Census Estimates, www.census.gov

****4:3:1 (4DTaP, 3 Polio, 1 MMR)

*****4:3:1:3:3 (4DTaP, 3 Polio, 1MMR, 3HIB, 3HepB)

^possible influenza outbreak in schools: Double absences, 2/3 of primary symptoms of fever, rapid onset, and duration of illness greater than or equal to 3 days, one secondary symptom of myalgia, headache, cough, coryza, sore throat, chills

†probable influenza outbreak in schools: double absences, all of the primary symptoms of fever, rapid onset, and duration of illness greater than or equal to 3 days, at least one secondary symptom of myalgia, headache, cough, coryza, sore throat, chills

‡influenza outbreak in a LTC setting - three or more residents having ILI on a single unit during a 48 to 72 hour period, and at least one of those has a positive culture or rapid-antigen test for influenza. □



CARLTON-COOK-LAKE-ST. LOUIS COMMUNITY HEALTH BOARD
2007 COMMUNITY HEALTH ASSESSMENT
STATISTICAL INDICATORS BY AREA OF PUBLIC HEALTH RESPONSIBILITY

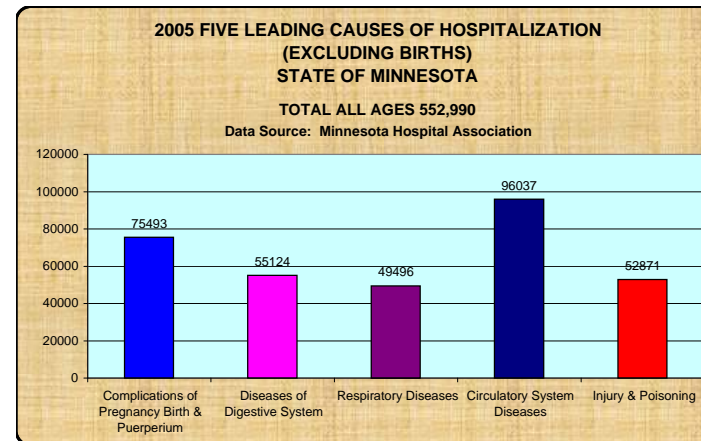
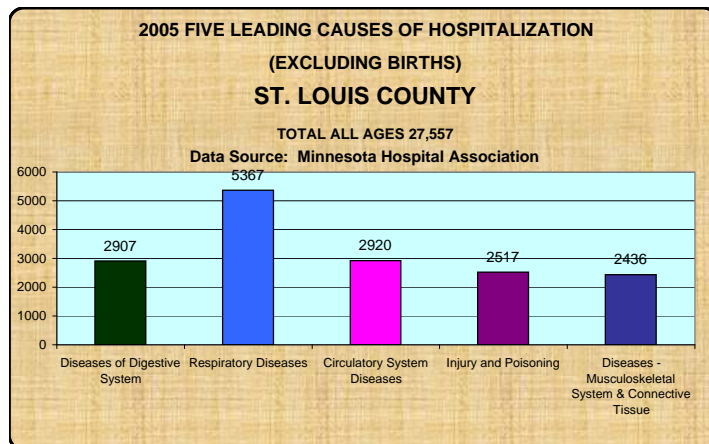
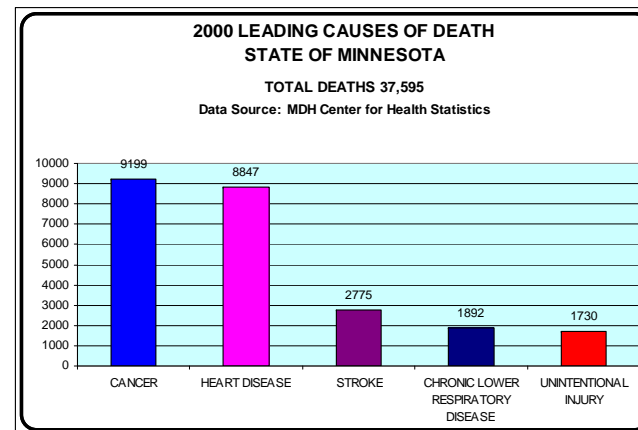
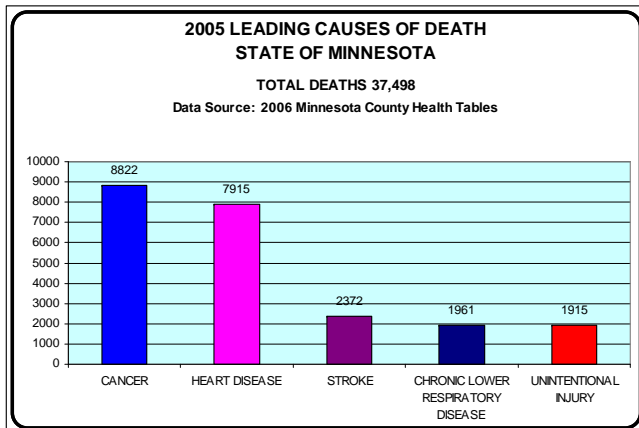
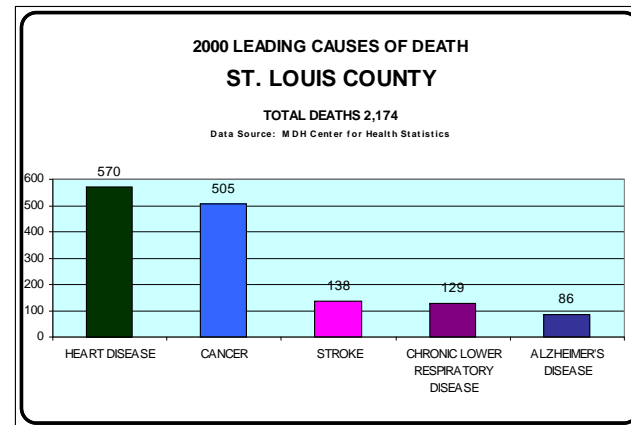
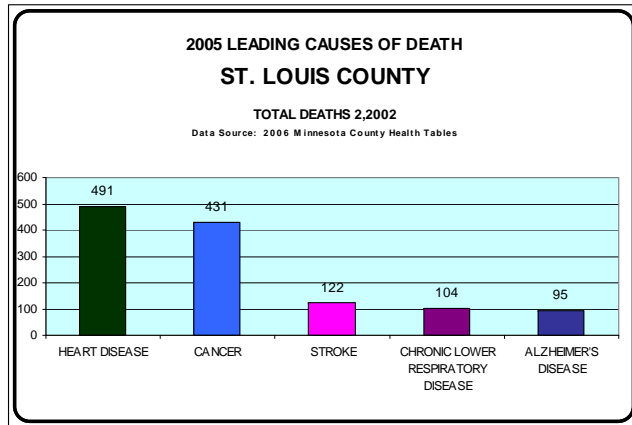
ST. LOUIS COUNTY *December, 2007*

Demographics	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Estimated Population	198,425	196,672	200,528	197,191	5,132,799	196,067 Est.	MN County Health Tables
Population Density (Persons Per Square Mile)	31.7	31.4	32.0	31.5	64.5		MN County Health Tables
Total Female Population 20-64	54,880	54,314	57,263	58,765	1,551,913		MN County Health Tables
Percent of Total Female Population 20-64	53.90%	54.00%	56.20%	58.80%	60.04%		MN County Health Tables
Total Male Population 20-64	54,825	54,706	58,312	60,311	1,576,851		MN County Health Tables
Percent of Total Male Population 20-64	56.80%	56.90%	59.10%	62.00%	61.87%		MN County Health Tables
Number of Children 0-19	55,274	54,086	52,679	47,027	1,380,794		MN County Health Tables
Percent of Total Population - Children 0-19	27.90%	27.50%	26.30%	23.80%	26.90%		MN County Health Tables
Elderly 65+	33,446	33,566	32,274	31,088	359,654		MN County Health Tables
Percent Elderly 65+	17.10%	17.10%	16.10%	15.80%	12.10%		MN County Health Tables
Native American Population	3,711	3,913	4,524	4,308	59,987		MN County Health Tables
Percent Native American Population	1.90%	2.00%	2.20%	2.20%	1.17%		MN County Health Tables
Child Dependency Ratio (under age 15) per 100 people age 15-64	32.7	31.4	27.1	22.9	28.7		MN County Health Tables
Elderly Dependency Ratio (age 65+) per 100 people age 15-64	26.9	27.0	24.4	23.0	17.8		MN County Health Tables
Total Age Dependency Ratio	59.6	58.4	51.5	46.0	46.5		MN County Health Tables
Per Capita Income	16,786.00	20,944.00	26,244.00	31,739.00	27,248.00		US Bureau of Economic Analysis
Median Household Income			38,701.00	41,233.00	52,054.00		Minnesota Department of Health Vital Statistics Summary 2007
Percent Unemployed		5.70%	4.30%	4.90%	4.00%		MN County Health Tables
Percent Children Living in Poverty			12%	14%	11%		MN Kids Count
Percent Poverty All Ages			9.40%	10.50%	8%		MN County Health Tables
Percent Eligible for Free or Reduced Lunches			32.90%	35.30%	30.30%		MN County Health Tables
Total Households in County		80,184	83,545	83,545	2,039,706		MN County Health Tables
Food Stamp Utilization – Monthly Average Households		8,524	6,909	6,909	118,244		MN County Health Tables
Voter Participation in Last Presidential Election			75.65%	75.40%	75.65%		Minnesota Secretary of State 2000 and 2004

Demographics (Continued)	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Total Public School Enrollment		35,014	33,157	26,934	838,997		MN County Health Tables
Total Private School Enrollment		2,046	2,230	1,714		1,674	Minnesota Department of Education by School Year
Educational Attainment -Percent of Population over 25 years and over							
High school graduate or higher			87.20%	92.20%	90.90%		US CENSUS
Bachelor's degree or higher			21.90%	25.20%	30.70%		US CENSUS
Drop Out Rates per 100 7-12th Graders				2.6	2.2	3.1	MN County Health Tables
Children born to teenage mothers (15-17yr old); per 1,000				15.00	13.20		MN Kids Count
Children age 10-17 arrested for violent crimes; per 1,000			33.2	21.8	19		MN Kids Count
Children in out-of-home placements; per 1,000			20.00	18.00	12.00		MN Kids Count
Assure an Adequate Local Public Health Infrastructure	1990	1995	2000	2005	State 2005	2006	Notes/Source
County Local Public Health Infrastructure				21.5		23.51	SLC County Staffing data
Prevent the Spread of Infectious Disease				1		1	SLC County Staffing data
Promote Healthy Communities and Healthy Behaviors				22.7		22.7	SLC County Staffing data
Assure Quality and Accessibility of Health Services				13.7		13.7	SLC County Staffing data
Prepare for and Respond to Disasters and Assist Communities in Recovery				4		4.2	SLC County Staffing data
Protect Against Environmental Health Hazards				15		15.8	SLC County Staffing data
LPH: Total # Staff Including Contract Staff	101.5	103.25	99.5	77.9		84	SLC County Staffing data
Total FTE LPH Health Educator	5	3.5	3.5	3.5		1.00	SLC County Staffing data
Total FTE LPH Environmental Health Staff	23	26	20	15		15.00	SLC County Staffing data
Total FTE LPH Public Health Nurse	42	48.75	47	40.4		41.01	SLC County Staffing data
Total FTE LPH Administration & Support	31.5	25	29	19		21.00	SLC County Staffing data

Promote Healthy Communities & Healthy Behaviors	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Total Births	2340	1997	2,039	2,106	70,920		MN County Health Tables
Birth Rate Per 1,000 population	11.8	10.2	10.2	10.7	13.8		MN County Health Tables
Percent Low Birth Weight - Singleton	3.80%	5.20%	5.10%	4.80%	4.90%		MN County Health Tables
WIC Participants - Unduplicated Count		6982	7385	7,587	204,316	7,605	MDH WIC Program
Percent Adults Acute Drinking (5 or more drinks)		26.7	21.2	18%*	18.80%		MN County Health Tables * Bridge to Health Survey 1995 & 2000
Percent Overweight - 2003 Estimates for 2005)*		37.10%	33.00%	59.3%*	60.10%		MN County Health Tables * Bridge to Health Survey 1995 & 2000
Current Smokers - (2003 Estimates for 2005)*		22.10%	21.50%	21%	22.00%		MN County Health Tables * Bridge to Health Survey 1995 & 2000
Seat Belt Usage			70%*	75%	76.20%		MN County Health Tables Bridge to Health Survey 2000*
Unintentional Injury - All Ages Combined Types of Care -- Combined Outcomes			9683	14656	299,716	14,449	MIDAS MDH
Unintentional Injury Under age 65 Combined Types of Care -- Combined Outcomes			7920	12728	264,886	12,582	MIDAS MDH
Unintentional Injury Over Age 65 Combined Types of Care -- Combined Outcomes			1763	1928	34,830	1,867	MIDAS MDH
Hospitalization for Non-Fatal Falls in People under 65			238	343	4,991	309	MIDAS MDH
Hospitalization for Non-Fatal Falls in People 65+			537	501	8,188	425	MIDAS MDH
Falls - Fatal Combined Types (Emergency Room & Hospital) of Care in People >65			1	6	46	3	MIDAS MDH
Falls - Fatal Combined Types (Emergency Room & Hospital) of Care in People 65+			23	27	345	23	MIDAS MDH
Moderate Physical Activity Level (18 yrs +)		44.50%	83.1%	86.70%			Bridge to Health Survey
Vigorous Physical Activity Level (18 yrs+)			Combine	40.90%			Bridge to Health Survey
Current Smokers - (2003 Estimates for 2005)		22.1%*	21.2%*	20.90%	21.20%		MN County Health Tables Bridge to Health Survey*
Suicide Rate Per 100 population/Incidences			12.9	25 incidences	522 incidences		Minnesota County Profiles
Mesothelioma (all sites) 1998-2002				27			MCCS Cancer in Minnesota 1998-2002
Assure the Quality and Accessibility of Health Services	1990	1995	2000	2005	State 2005	2006	Notes/ Source
Physicians per 10,000 population			21.6	34.3	25		MN County Health Tables
Dentists Per 10,000 Population				6.9	5.8		MN County Health Tables
Uninsured Any Time in Past 12 months		10.80%	3.30%				Bridge to Health Survey
Percent Currently Uninsured			4.80%	9.10%			Bridge to Health Survey
Percent Postponed Dental Care		29.20%	25.50%	23.80%			Bridge to Health Survey
Percent Needed Medical Care But Did Not or Delayed Getting Care		25.90%	11.50%	12.80%			Bridge to Health Survey

Protect Against Environmental Health Hazards	1990	1995	2000	2005	State 2005	2006	Notes/Source
Number of Food & Beverages Establishments	940 (1991)	1,533	1,428	1,364		1,189	2000 MN County Health Profiles; County CHS Data Reports
Foodborne Outbreaks (confirmed)		0	2	2	39		MN County Health Tables
Number of Complaints (Foodborne)		88	24	23	830	16	County CHS Data Reports
Number of Hazardous Material Releases		6	14	10	407		MN County Health Tables
Blood Lead Levels Tested		1,324	1376	1,252	72,168		MN County Health Tables
Blood Lead Levels 10 to 14.9 ug/dL2		96	50	4	998		MN County Health Tables
Blood Lead Levels 15 to 19.9 ug/dL2		9	6	1	128		MN County Health Tables
Number Public Health Nuisance Investigations		78	82	105			County Reports
Water Systems Exceeding Standards							
Working Smoke Detectors in Home		95.10%	96.70%				Bridge to Health Survey
Carbon Monoxide Detector in Home			45.70%				Bridge to Health Survey
Radon Tests Completed in the CHB Area				922		298	Combined Four County CHB SIRG Report
Radon Tests Over 4 pCi/L in CHB Area				17.00%		24%	Combined Four County CHB SIRG Report
Prepare For and Respond to Disasters and Assist Communities in Recovery	1990	1995	2000	2005	State 2005	2006	Notes/Source
Percent Fire Extinguisher in Home			79.20%				Bridge to Health Survey
Percent Has a Working Smoke Detector in Home			96.50%				Bridge to Health Survey
Number of Exercises LPH Participated in or Conducted (CHB Area 2005-06)						12	County PHP Reports
Prevent the Spread of Infectious Disease	1990	1995	2000	2005	State 2005	2006	Notes/Source
Immunization Up-to-Date at 24 Months			29%	55%	60.00%	60%	Minnesota Immunization Information Connection
Reported Cases of Lyme Disease	0	6	7	23	918	22	Minnesota Department of Health (MDH)
Babesiosis		0	1	2	18	1	Minnesota Department of Health (MDH)
Hepatitis C			4	2	15	1	Minnesota Department of Health (MDH)
Tuberculosis Cases	3	6	1	2	199	3	Minnesota Department of Health (MDH)
Human Anaplasmosis Cases		0	0	3	186	4	Minnesota Department of Health (MDH)



**St. Louis County
Statistical Indicators
CHAPP reporting 2007**

Prevent the Spread of Infectious Disease	1990*		1995*		2000**		2005***		2006***		State 2005***		Notes/Source
	population	198425	population	196672	population	200528	population	197191	population	196067	population	5132799	
Immunizations	percent up to date (4:3:1 series)****		percent up to date (4:3:1 series)****		percent up to date (4:3:1 series)****		percent up to date (4:3:1:3:3 series)*****		percent up to date (4:3:1:3:3 series)*****		percent up to date (4:3:1:3:3 series)*****		Minnesota Immunization Information Connection MIIC (2000-2006)
up-to-date, 24 months					29%		55%		60%		60%		
	Number		Percent		Percent		Number		Number		Percent		
Enrolled Kindergartners fully Protected by 24 mo.			69% 1996-1997		81% 2000-2002						68% 1996-1997 81% 2000-2002		MDH Retrospective Immunization Survey
Vaccine Preventable Diseases	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	IDEP&C; Immunization Tuberculosis and International Health (ITIH) section
Measles		0		0	0	0	0	0		0	0	0	
Mumps		0		0	0	0	0	0	19	9.69	6	0.12	
Pertussis		0		0	0	0	0	0.00	14	7.14	1,571	30.61	
Hepatitis A		0		0	6	2.99	0	0.00	1	0.51	35	0.68	
Hepatitis B (non-perinatal)		0		0	1	0.50	2	1.01	1	0.51	42	0.82	
Perinatal Hepatitis B transmission		0		0	0	0	0	0	0	0	4	0.08	
Influenza	Number		Number		Number		Number		Number		Number		IDEP&C; ITIH section 2005-2006 Season
School reported outbreaks									7		3.57		
Possible^													
Probable†													
Long term care reported outbreaks‡									8		4.08		
Tuberculosis	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	Number	% completion of therapy	IDEP&C; ITIH section
Contact investigations													
Active TB cases	3		6		1		2		3		199	3.88	
LTBI cases identified by health department													

**St. Louis County
Statistical Indicators
CHAPP reporting 2007**

Prevent the Spread of Infectious Disease	1990*		1995*		2000**		2005***		2006***		State 2005***		Notes/Source
	population	198425	population	196672	population	200528	population	197191	population	196067	population	5132799	
	1990		1995		2000		2005		2006		State 2005***		Notes/Source
Sexually transmitted diseases and bloodborne pathogens	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	
Chlamydia		0	169	85.93	268	133.65	477	241.90	483	246.34	12,187	237.43	IDEP&C; STD/HIV section
Gonorrhea		0	27	13.73	84	41.89	81	41.08	95	48.45	3,481	67.82	
Syphilis		0	3	1.53	1	0.50	3	1.52	1	0.51	70	1.36	
Hepatitis C		0	0	0.00	0	0.00	2	1.01	1	0.51	15	0.29	
AIDS - HIV		0	8	4.07	3	1.50	7	3.55	3	1.53	304	5.92	
Tickborne diseases: Lyme, Human Anaplasmosis (formally G. Ehrlichiosis), Babesiosis	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	Number	Incidence/100,000	IDEP&C; ADIC section
by county of residence		0	6	3.05	8	3.99	28	14.20	27	13.77	1,146	22.33	
by county of exposure		0		0		0		0		0			

*U.S. Census Bureau, 1990 Census of Population, www.census.gov

**U.S. Census Bureau, 2000 Census of Population, www.census.gov

*** U.S. Census Bureau, 2005 Census Estimates, www.census.gov

****4:3:1 (4DTaP, 3 Polio, 1 MMR)






*****4:3:1:3:3 (4DTaP, 3 Polio, 1MMR, 3HIB, 3HepB)

^possible influenza outbreak in schools: Double absences, 2/3 of primary symptoms of fever, rapid onset, and duration of illness greater than or equal to 3 days, one secondary symptom of myalgia, headache, cough, coryza, sore throat, chills

†probable influenza outbreak in schools: double absences, all of the primary symptoms of fever, rapid onset, and duration of illness greater than or equal to 3 days, at least one secondary symptom of myalgia, headache, cough, coryza, sore throat, chills

‡influenza outbreak in a LTC setting - three or more residents having ILI on a single unit during a 48 to 72 hour period, and at least one of those has a positive culture or rapid-antigen test for influenza. □

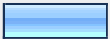
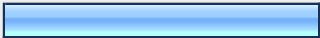
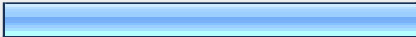

2007 COUNTY PUBLIC HEALTH COMMUNITY SURVEY

1. Which County Do You Live In:			Response Percent	Response Count
Carlton			33.3%	256
Cook			3.8%	29
Lake			13.1%	101
St. Louis			46.4%	357
Other (please specify)			3.4%	26
			answered question	769
			skipped question	2

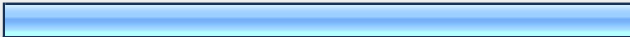

2. INFECTIOUS DISEASE In your opinion, how much of a problem is each of these infectious disease issues in your county? Please answer based on your knowledge of community concerns.						
	No Problem	Minor Problem	Moderate Problem	Serious Problem	Rating Average	Response Count
a. Children not getting their shots	21.9% (165)	47.9% (360)	24.2% (182)	6.0% (45)	2.14	752
b. Adults not getting a yearly flu shot	16.6% (126)	38.8% (294)	39.3% (298)	5.3% (40)	2.33	758
c. Adults not getting a tetanus shot every 10 years.	14.6% (109)	36.2% (271)	37.8% (283)	11.5% (86)	2.46	749
d. People not washing their hands after using the toilet	4.5% (34)	19.3% (147)	42.6% (324)	33.6% (255)	3.05	760
e. Tuberculosis (TB)	37.2% (281)	46.2% (349)	11.5% (87)	5.0% (38)	1.84	755
f. Insect-borne illnesses (such as Lyme disease, West Nile virus)	10.5% (80)	41.0% (311)	36.9% (280)	11.6% (88)	2.50	759
g. Rabies	42.4% (319)	49.1% (370)	5.0% (38)	3.5% (26)	1.70	753
h. Sexually transmitted diseases, such as Chlamydia, Syphilis, HIV/AIDS	7.6% (57)	27.2% (204)	39.3% (295)	25.9% (194)	2.83	750
i. Pandemic Influenza (Bird Flu, Avian Flu)	45.8% (345)	33.3% (251)	15.3% (115)	5.7% (43)	1.81	754
j. Seasonal Influenza (Flu)	6.6% (50)	33.2% (253)	49.1% (374)	11.0% (84)	2.65	761

k. Diseases that are resistant to antibiotics	14.4% (108)	39.2% (293)	29.4% (220)	17.0% (127)	2.49	748
I. Vaccine Shortages	21.9% (165)	44.6% (336)	23.2% (175)	10.2% (77)	2.22	753
<i>answered question</i>						768
<i>skipped question</i>						3

3. How often do you stay home from work, school, or other activities when you have a respiratory illness, such as a cold or flu?

		Response Percent	Response Count
Almost Always		11.1%	84
Sometimes		34.8%	264
Rarely		45.5%	345
Never		8.7%	66
<i>answered question</i>			759
<i>skipped question</i>			12


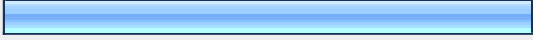
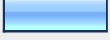

4. Emergency Preparedness Have you heard, seen, or read any information about how to prepare your household for a serious emergency such as a flood, fire, widespread disease outbreak such as pandemic influenza, chemical spill or terrorist incident?

		Response Percent	Response Count
Yes		69.4%	527
No		30.6%	232
<i>answered question</i>			759
<i>skipped question</i>			12


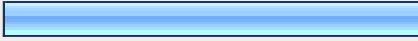
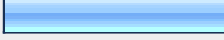

5. There are many things that people might do to prepare for a serious emergency. Have you or anyone else in your household:

	Yes	No	Response Count
a. Made a phone list for contacting your family members?	47.9% (365)	52.1% (397)	762
b. Stored enough food, water, and supplies to meet your household needs for at least three days?	46.3% (353)	53.7% (410)	763
c. Obtained a working battery-operated or hand-cranked radio?	45.0% (343)	55.0% (420)	763
d. Assembled an emergency kit with basic medical supplies?	47.5% (361)	52.5% (399)	760
	<i>answered question</i>		764
	<i>skipped question</i>		7



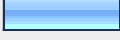
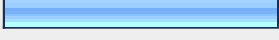
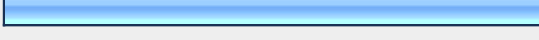


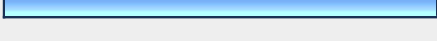

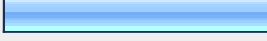

6. How prepared are you to cope with a serious emergency?

		Response Percent	Response Count
Not Prepared		25.2%	191
Somewhat Prepared		58.1%	440
Very Prepared		11.1%	84
Don't Know		5.5%	42
	<i>answered question</i>		757
	<i>skipped question</i>		14

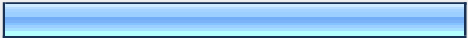
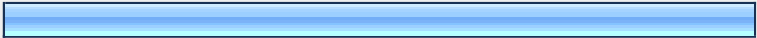
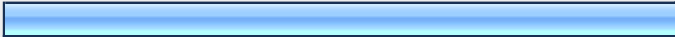
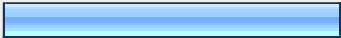

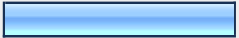
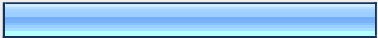
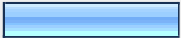



7. How concerned or worried are you about a serious emergency (flood, fire, widespread disease outbreak, chemical spill or terrorist incident)in your County?

		Response Percent	Response Count
Not Concerned		26.0%	197
Slightly Concerned		45.8%	347
Somewhat Concerned		24.0%	182
Very Concerned		4.2%	32
		answered question	758
		skipped question	13

8. Where do you receive most of your health information? Please check all that apply.

		Response Percent	Response Count
TV		59.7%	456
Family or friends		47.6%	364
Health fairs		12.4%	95
Radio		30.2%	231
Newspaper or magazines		59.2%	452
Employer		38.6%	295
Local gathering - Neighbor		7.3%	56
Internet		47.8%	365
Health care providers such as doctors or nurses		60.2%	460
County health department		28.9%	221
Other (please specify)		4.6%	35
		answered question	764
		skipped question	7



9. How would you prefer to be notified about an emergency? Please check all that apply.

		Response Percent	Response Count
Civil defense sirens		50.7%	384
TV broadcast		83.1%	629
Radio broadcast		74.1%	561
Phone call on cell phone		36.9%	279
Phone call on land line phone		36.3%	275
E-mail		25.4%	192
Told in person		41.0%	310
Internet		19.2%	145
Fax		4.2%	32
Text Messages		13.5%	102
Other (please specify)		2.1%	16
		answered question	757
		skipped question	14




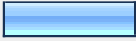
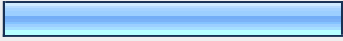
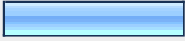

10. Have any of the following organizations that you are connected with in your community started planning for an influenza pandemic?

	Yes	No	Not Applicable	Response Count
Your Job	50.6% (376)	35.1% (261)	14.3% (106)	743
School	21.2% (145)	37.2% (255)	41.6% (285)	685
Child Care Centers	8.0% (54)	34.9% (235)	57.1% (384)	673
Place of Worship	7.9% (53)	56.4% (381)	35.7% (241)	675
			answered question	746
			skipped question	25

11. These last questions are to help us compare your answers with those of others in Northeast Minnesota. Gender:

		Response Percent	Response Count
Male		28.7%	216
Female		71.3%	537
<i>answered question</i>			753
<i>skipped question</i>			18

12. Age Group:

		Response Percent	Response Count
Under 18		5.8%	44
18-24 yrs		7.3%	55
25-29 yrs		8.6%	65
30-39 yrs		14.1%	107
40-54 yrs		37.2%	282
55-64 yrs		19.7%	149
65+		7.4%	56
<i>answered question</i>			758
<i>skipped question</i>			13

13. Race/Ethnic Background: (Please check ALL that apply)

		Response Percent	Response Count
American Indian or Alaska Native	<input type="checkbox"/>	2.5%	19
Asian	<input type="checkbox"/>	0.9%	7
Black or African American	<input type="checkbox"/>	0.7%	5
Hispanic or Latino	<input type="checkbox"/>	0.7%	5
Native Hawaiian or Pacific Islander	<input type="checkbox"/>	0.5%	4
White	<input checked="" type="checkbox"/>	96.1%	721
Unknown	<input type="checkbox"/>	0.8%	6
answered question			750
skipped question			21

14. Education: (Continued on Next Page)

		Response Percent	Response Count
0-8 years of school	<input type="checkbox"/>	1.2%	9
Some high school (1-3 years)	<input type="checkbox"/>	6.9%	52
High school graduate/GED	<input type="checkbox"/>	10.3%	78
Some college	<input checked="" type="checkbox"/>	34.6%	262
College graduate (Bachelor's Degree)	<input type="checkbox"/>	32.5%	246
Graduate degree (MA, PhD)	<input type="checkbox"/>	14.6%	111
answered question			758
skipped question			13