Health Goals Timeline

1991	Royal Commission recommends that health goals be developed
1993	Government commits to develop goals
1994	Provincial Health Officer asked to lead process
1994-96	Goals developed through consultation
1997	Goals approved by Cabinet
1998	Goals announced

Health Goals for British Columbia

Goal 1: Positive and supportive living and

working conditions

Goal 2: Opportunities for all to develop

individual capacities, skills, and make

healthy choices

Goal 3: Diverse, sustainable, healthy safe

physical environment

Goal 4: Effective and efficient health services

Goal 5: Improved health for Aboriginal

peoples

Goal 6: Disease and injury prevention

Mission: Maintain and improve health of

British Columbians by enhancing

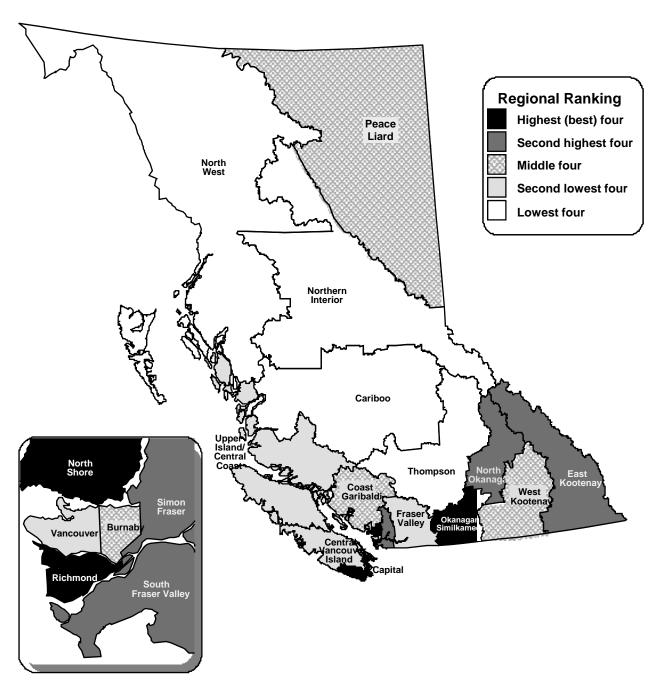
quality of life and minimizing

inequalities in health status

Progress Toward B.C.'s Health Goals

	Trend	Number of indicators
~	Improving	42
-	Not much change	39
	Worsening	6
?	Trend not available	6
	Total	93

Health Goals Regional Index

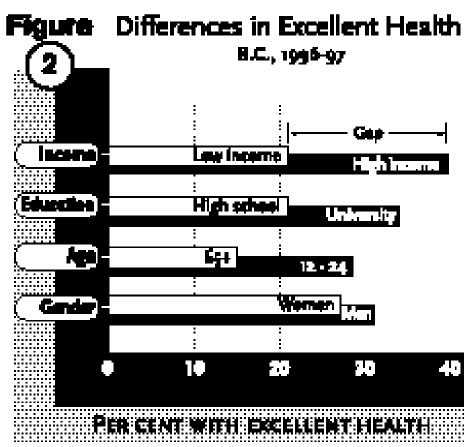


Source: Ministry of Health and Ministry Responsible for Seniors Office of the Provincial Health Officer

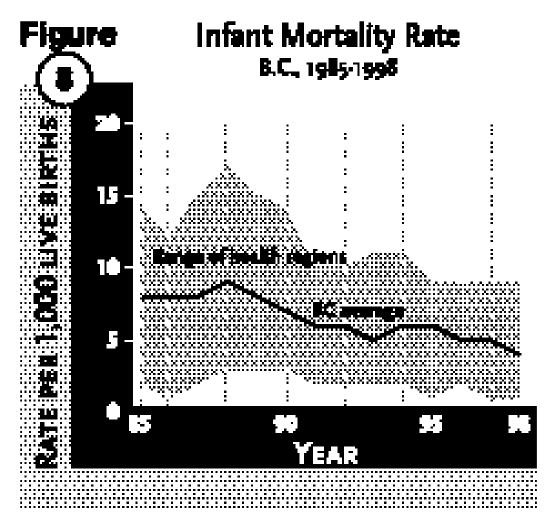
Provincial Health Officer's Annual Report

Mission: Maintain and improve the health of British Columbians by enhancing quality of life and minimizing inequalities in health status.

WELL-BEING	GENERAL HEALTH	HEALTH CONDITIONS	DEATHS
- Self-rated health	- Functional health	- Overweight	- Infant 🗸 mortality
- Positive ? mental health	- Activity limitation	- Chronic conditions	- Premature deaths (PYLL)
neatui	- Disability- days	• arthritis, high blood pressure, heart disease	- Life very expectancy
		• diabetes, asthma, allergies	
		- Chronic pain	
		- Mental health problems	
Improving	■ not much change	worsening ? tre	nd not available



Statistics County, Material Population Health Screen 1996 67, Public Clar Millionists Film, Proposed by Marchan and Backetins, S.C. Milder of Health

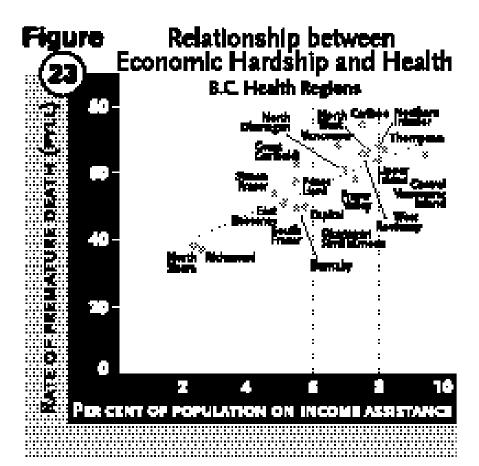


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7

Goal 1 Positive and supportive living and working conditions in all our communities.

EMPLOYMENT		INCOME	INCOME PATRICIPATION AND SOCIAL INTEGRATION			HOUSING AND COMMUNITY DESIGN	
 Unemployment Workplace injuries	ν ν	Low incomeIncomeassistance	- ~	Social supportVolunteering	<u>-</u>	- Housing need	
- Decision- latitude at work	?	- Income inequality	-	CrimeChildren and youth in care	✓		
✓ Improving	– no	ot much change	\$	worsening ?	trend	not available	



nome Analogue: For each of the population ago (1-64 member Deals SC Casadia; Suplember 1998: Proposed by SC 57978; Alberty of Promos and Casperda Publish: PRL: Principle years of Ste had jugo under 78 years), of secure of deals, secures accordant to the plant charles of par 1,507 population for 6-year posted 1864-1884, C.C. 1864 Sections Assess: Alberty of Hotels, Manufactured inter-

Goal 1 Priority Actions

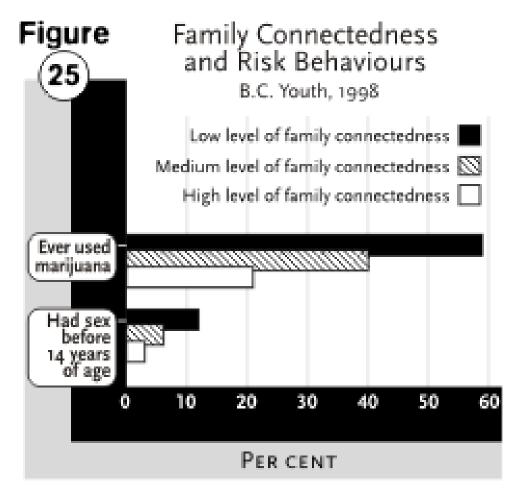
- Protect programs that reduce the gap between the rich and the poor.
- Increase availability of affordable housing, especially for people with special needs.
- Support initiatives that build community trust and participation.

Goal 2 Opportunities for all individuals to develop and maintain the capacities and skills needed to thrive and meet life's challenges and to make choices that enhance health.

HEALTHY CHILD DEVELOMENT	LEARNING OPPORTUNITIES	HEALTHY CHOICES	INDEPENDENT LIVING
- Low birthweight	- High school graduation	- Smoking	- Living arrangements, age 65+
- Breastfeeding	- Post- secondary graduation	- Regular Regular heavy drinking	
- Family functioning	- Grad 12 exam completion	- Physical activity	
- School readiness	✓	- Bicycle helmet use	
		- High-risk sexual practices	
		- Teen pregnancy	

✓ Improving = not much change

worsening ? trend not available

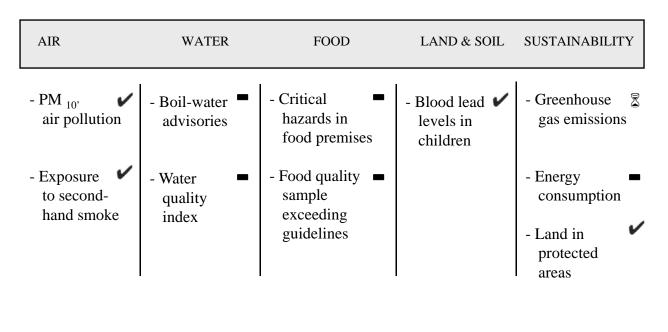


Source: Healthy Connections: Listening to BC Youth. Highlights from the Adolescent Health Survey II. p. 27. The McCreary Centre Society, 1999.

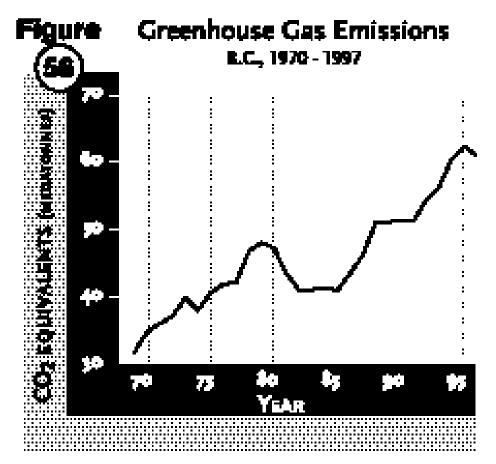
Goal 2 Priority Actions

- Make quality child care and other services accessible to all children.
- Help communities meet needs of young children in a coordinated way.
- Help young people stay in school, with special attention to disadvantaged students.
- Promote non-smoking, drug and alcohol awareness, regular physical activity, and healthy eating.

Goal 3 A diverse and sustainable physical environment with clean, healthy, and safe air, water, and land.



✓ Improving — not much change 🔹 worsening ? trend not available



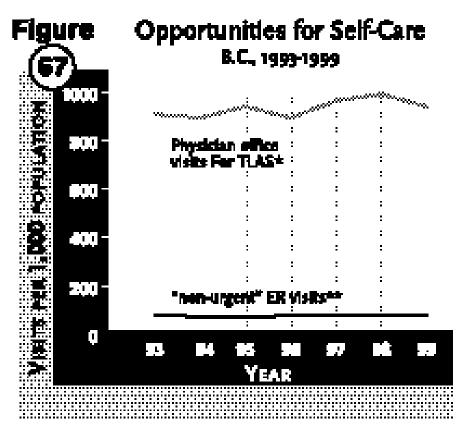
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Goal 3 Priority Actions

- Develop community plans for improving air and water quality.
- Encourage alternatives to single occupancy vehicle use.
- Maintain food and water safety programs.
- Develop better ways to measure and communicate issues related to a sustainable environment.

Goal 4 An effective and efficient health service system that provides equitable access to appropriate services.

ACCESSIBILITY		THE RIGHT GS RIGHT	IMPROVING HEALTH
- Childhood immunizations	- Opportunities for self-care	 - May not require hospitalization 	- Improved health behaviours
- Influenza immunizations	- Use of protocols and guidelines	- Expected compared to actual stay	- Deaths due to medically-treatable
- Screening mammography	- Breast- conserving surgery	- Alternate level of care days	diseases
- Pap smears	- Cesarean deliveries	- Community ? follow-up after hospitalization	
- Smoking cessation	- Antibiotic prescribing	~	
- Dental visits ? in pas year	- Preventable admissions	~	
- Unmet health care needs			
✓ Improving ■ no	ot much change	▼ worsening ? tree	nd not available



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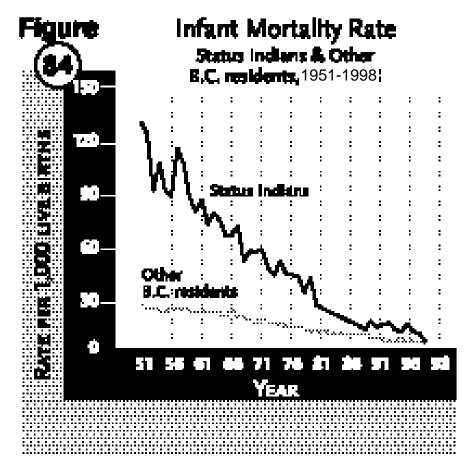
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Goal 4 Priority Actions

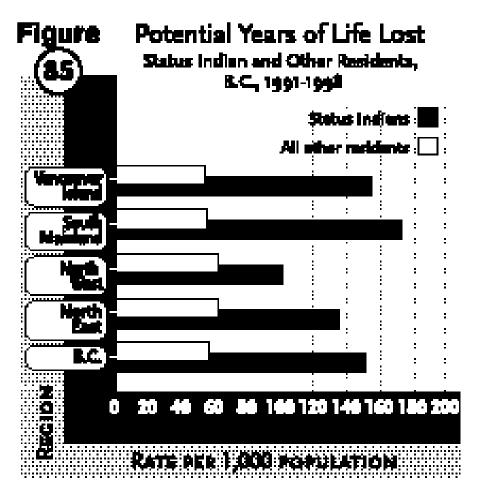
- Reorganize the way primary care is provided.
- Provide more public education about appropriate treatment for common diseases.
- Develop better information about the results of health services that people receive.

Goal 5 Improved health for Aboriginal peoples

HEA	LTH STATUS	FACTORS AFFECTING HEALTH			
- Self-rated ? health	- Infant 🗸 mortality	- School completion	- Unemployment	/	
- Premature death (PYLL)	- Life expectancy	- Low income	- Community control	~	
Improving	■ not much change	▼ worsening	? trend not available		



Source: B.C. (Ref Statistics Associate Militarity of Handle Constitution) disher-



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Goal 5 Priority Actions

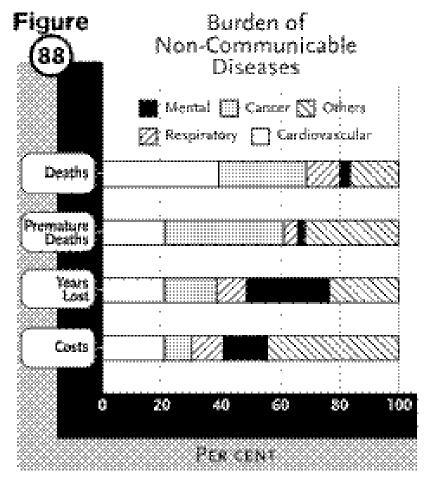
- Promote efforts to reduce poverty and improve living conditions.
- Support Aboriginal people to achieve self-governance.
- Help Aboriginal students stay in school.
- Encourage Aboriginal participation in the design and delivery of health services.

Goal 6 Reduction of preventable illness, injuries, disabilities, and premature deaths.

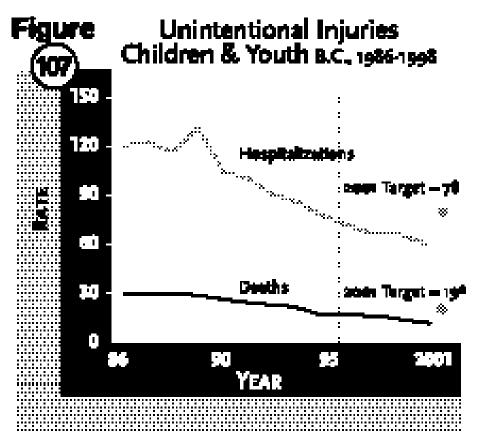
NON-COMMUNICABLE	NJURIES	_			
- Heart disease and stroke deaths	~	- Vaccine-preventable diseases	~	- Unintentional injuries	~
- Cancer incidence and deaths	-	- Tuberculosis	-	- Hip fractures	-
- Respiratory disease and deaths	-	- HIV infection	~	- Illicit drug deaths	-
- Mental health hospitalizations	-	- Sexually transmitted diseases	~	- Spousal assaults	-
- Neural tube defects	~	- Food and waterborne diseases	-	- Child abuse	
		- Waterborne disease outbreaks	-	- Suicide	-

✓ Improving — not much change

worsening ? trend not available



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which were 24.2 per 10,000 for installationitass. 22.0 per 102,000 for shadou.

Goal 6 Priority Actions

- Pay more attention to addiction and mental illness as major public health problems.
- Work together on smoking, physical inactivity, poor diet, and other major risk factors.
- Tackle the root causes of disease and injury, such as poverty, coping skills, marginalization.
- Develop a comprehensive plan for addiction services.

Priority Actions Identified by the Advisory Committee on Health Goals for British Columbia

- 1. Protect programs and policies that reduce the gap between the rich and the poor.
- 2. Make quality child care and other services accessible to all children.
- 3. Reform the way primary care services are provided.
- 4. Pay more attention to addiction and mental illness as public health problems.

Recommended Actions Provincial Health Officer's Annual Report 1999

- Government Actions
- Individual Actions
- Family Actions
- Employer Actions
- Community Actions

Summary

- Overall, British Columbians are getting healthier.
- We're making progress on all six provincial health goals.
- There is room for improvement in several key areas.
- All British Columbians have a role to play in making our province healthier.

Health Goals Regional Index 1999 How the Ranking was Done

Step 1

Select indicators and variables

- 93 indicators in Provincial Health Officer Annual Report 1999
- 48 indicators with regional data available
- 60 variables included in Index

Step 2

Calculate standardized scores for each variable

Methodology based on recent work by BC STATS

Index value = Deviation from provincial median value, standardized by the interquartile range

 $I_i = (D_i - D_{median}) / (D_{25th} - D_{75th})$, where

I_i is the Index value for region j

D_i is the data observation for region j

 D_{median} is the median observation for data variable D

 $D_{25th},\,D_{75th}$ are the 25^{th} and 75^{th} percentile observations for data variable D

Scores further refined to tone down the Index value for outliers

If Index absolute value greater than two times the interquartile range, the cube root of the Index value was used

Step 3

Compute indices for health status and each of the health goals

Apply weightings to each variable, where sum of weights = 1.0

(see Health Goals Regional Index paper for weightings used)

Compute composite score for Health Status and for Health Goals 1, 2, 3, 4, 6

(regional data not available for Goal 5 at this time)

Step 4

Compute overall Index

Overall score = weighted average of indices for health status and health goals

Weightings:

Health status 15%, Goal 1 30%, Goal 2 15%, Goal 3 10%, Goal 4 15%, Goal 6 15%

Step 5

Compute regional rankings

Determine rank, where rank = order of each region according to their scores

1 = highest (best)-ranked, 20 = lowest-ranked

Group regions into clusters (quintiles - five groups of four each)

Next steps

Index to be reviewed in the coming year

Feedback welcome!