

# **APPENDICES**

**APPENDIX A – DEFINITION OF TERMS**

**GENERAL**

**ADOLESCENT CARE** - Care for persons aged 13 to 19 years.

**ADULT CARE** - Care for persons aged 20 years and over.

**AMBULATORY CARE** - Health care services provided by medical and/or other health care professionals to patients outside of the patients' home. While this term usually applies to outpatient services, it often includes services provided jointly to ambulant inpatients and outpatients.

**APPLIED BASIC RESEARCH** - Research for testing basic science theory/knowledge as it may apply to medical diagnosis, treatment or prevention. This form of research will typically make use of animals or animal tissues/cells and sometimes may use human tissues/cells.

**BRACHYTHERAPY** – Radiation is administered directly into a body cavity or interstitially using needles or ribbons. This term may also be used when applying a radiation source directly onto the surface of the body.

**BUILDING GROSS AREA or BUILDING GROSS SQUARE METRES (BGSM)** - The sum of all building floor areas measured to the outside face of exterior walls for all stories or areas having floor surfaces. Building gross area includes component gross areas, general circulation, mechanical and electrical space and exterior walls.

**BGSM** – Building Gross Square Metres.

**CGSM** – Component Gross Square Metres.

**CHEMOTHERAPY** – The treatment of disease by chemical agents taken orally or intravenously.

**CHILD CARE** – Care for persons younger than the age of 12 years.

**CLINICAL RESEARCH** - Research for the purpose of testing new concepts in health care or monitoring/evaluating health care processes. This form of research will typically involve direct contact with patients or specimens, or information thereof. This type of research may include:

- epidemiological information gathering and analysis
- development of new techniques in prevention, diagnosis, and treatment
- evaluation of treatment programs

**COMPONENT or FUNCTIONAL COMPONENT** - A cohesive grouping of activities or spaces related by service or physical arrangement. A planning component may or may not be a department since the term "department" refers to an administrative organization rather than a functional organization of space and activities.

**COMPONENT/DEPARTMENTAL GROSS AREA or COMPONENT/DEPARTMENTAL GROSS SQUARE METRES (CGSM/DGSM)** - That portion of a building assigned to a specific component, including net areas, internal circulation, partitions, building structure and small mechanical shafts. Component gross area is measured to the inside face of exterior walls and to the centre line of partitions adjoining other components or general circulation space.

**CONVENIENT ACCESS** - Physical access between rooms or components through the use of extended horizontal and/or vertical general circulation.

**DEDICATED CIRCULATION** - Circulation for specified people or material which may or may not require a control point.

**DIRECT ACCESS** - Physical access between rooms or components through the use of a minimal amount of horizontal and/or vertical general or internal circulation.

**FTE/FULL TIME EQUIVALENT** - A term used to express the conversion of a number of annual paid hours into the number of individuals who, if they were working a complete shift on a regularly scheduled basis, would be required to accommodate that number of hours.

**GENERAL CIRCULATION** - The system of connecting links (corridors, elevators, stairs, conveyors, etc.) providing access for people and materials to or between functional components.

**GEOGRAPHICALLY LOCATED PHYSICIAN (GLP)** - A Geographically Located Physician (GLP) is defined by one or more of the following:

- an individual who may be employed by, or receive a fee-for-service from, a hospital and/or university and who conducts all of his/her clinical practice on the hospital campus;
- an individual who may practice principally on a fee-for-service basis and receives an honorarium or stipend from the hospital and/or university for administrative and/or academic responsibilities while also maintaining a private practice office off the hospital campus;

- an individual who receives no payment from the hospital or university, but who chooses to conduct his/her clinical practice on the hospital campus.

**HEADCOUNT** - The translation of FTE's into the actual number of people. This includes part time and full time employees.

**HOSPITAL CASES** - The total number of patients discharged from hospital plus the number of deaths occurring in hospital.

**INPATIENT** - A patient who is admitted to a hospital for overnight care and to whom an inpatient bed has been assigned.

**INPATIENT CARE** - Care requiring admission to a hospital or other health care facility for a stay of at least twenty-four hours.

**INTERNAL CIRCULATION** - The system of connecting links (corridors, elevators, stairs, conveyors, etc.) within functional components, connecting rooms of a component or directly connecting contiguous components.

**LINEAR ACCELERATOR** – An external beam radiation therapy treatment unit, which produces high energy x-rays.

**NET AREA or NET SQUARE METRES (NSM)** - The horizontal area of space assignable to a specific function. The net area of rooms is measured to the inside face of wall surfaces.

**PART-TIME (PT) PHYSICIAN** - A PT physician is one who practices principally on a fee-for-service basis, however, he/she may receive a stipend or honorarium for academic and/or administrative responsibilities from a university or hospital. He/she does not have a permanent base on the hospital site and typically maintains an office practice in the community.

**RADIATION THERAPY** – The treatment of disease using ionizing radiation. This treatment may be administered externally (teletherapy), internally (brachytherapy) or through a radioisotope.

**REGIONAL HEALTH BOARDS** - A governance body of a specific geographical area responsible for the delivery of a range of health care services. The province is currently divided into 11 regional health boards, of which Fraser Valley is one, 94 local health areas (LHA's) with FVHR consisting of LHA's 32 Hope, 33 Chilliwack, 34 Abbotsford, 75 Mission and 76 Agassiz-Harrison; 34 Community Health Councils (CHC's); 7 Community Health Services Societies; and 59 Regional Districts with FVHR falling into RD 9 Fraser Valley.

**RESTRICTED CIRCULATION** - Internal circulation which can be entered only by passing a control point.

**WORKLOAD MEASUREMENT (BCCA) -**

**Fully Admit Patient/Case:** Referred to a BC Cancer Agency oncologist for assessment, follow-up and/or treatment.

**Radiation Therapy:**

Completed Course – A series of radiation treatments for a specific tumour or disease; may include combined radiation modalities but normally the time between treatment would not exceed four weeks.

Fractions – Number of visits for radiation treatment. The number of fractions (or visits) per course of treatment varies by patient and by protocol.

Fields – Number of radiation beams directed at a tumour site. There are usually multiple fields per fraction.

**All Services:**

New Consultation – When a patient is seen for the first time by an Agency oncologist of a specific discipline for the specific tumour site. A new consult involves a history, physical and assessment. If the patient is referred after discharge from active care at BCCA for the same tumour site, the assessing oncologist will perform a "repeat consultation".

Follow-Up Visit – Subsequent visits by patients on active treatment or follow-up visits, post active treatment.

**Chemotherapy (ambulatory only):**

Courses Started – For patients, who have not had chemotherapy before, have not had treatment for at least one year or who present with a new primary site.

Chemotherapy Visits – Number of outpatient visits (includes new chemotherapy visit).

Number of Drugs/Agents Given – Number of chemotherapy drugs a nurse administers to a patient as a bolus or infusion.

**CLASSIFICATION OF HEALTH CARE LEVELS**

**PRIMARY CARE** - Preventive, diagnostic and therapeutic health care provided by general practitioners and other health care professionals. This care can be sought directly by the patient, without referral, and is usually initiated through visits to private offices or clinics outside a hospital (except in the case of visits to hospital Emergency services).

**SECONDARY CARE** - Preventive, diagnostic and therapeutic health care provided by generalists and specialists within the medical disciplines of Medicine, Surgery, Obstetrics, Pediatrics, Psychiatry, and Physical Medicine and by other professionals. This care is often provided after referral from a source of primary care. The patient need not be ill (e.g., eye examinations) nor need he/she be a hospital patient, however, most services provided in hospitals are at the secondary care level.

**TERTIARY CARE** - Highly specialized medicine incorporating sophisticated and/or unique professional/technical skills and equipment or medical services that are centralized by reason of volume, limited professional resources, or extraordinary cost of services and is only available by referral.

**QUATERNARY CARE** - One of a kind, superspecialty-based service that may be either diagnostic or therapeutic in its role. These services are usually limited to one to a province and may accept inter-provincial, national, and international referrals.

Appendices

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**APPENDIX B – HISTORICAL SERVICES DATA**

**MSA GENERAL HOSPITAL**

The following table presents historical service workloads of the MSA General Hospital of the Fraser Valley Health Region.

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>INPATIENT CARE</u></b>					
Medical (incl. ALC, ICU, CCU, Rehab)					
# Separations				4,786	4,691
# Patient-Days				30,057	35,860
ALOS (Days)				6.3	7.6
% Occupancy				98.4	98.3
Beds Set-Up				88	88
Telemetry					
# Separations				1,290	1,239
# Patient-Days				3,741	3,849
ALOS (Days)				2.9	3.1
% Occupancy				<i>Incl. in Medical</i>	<i>Incl. in Medical</i>
Beds Set-Up				<i>Incl. in Medical</i>	<i>Incl. in Medical</i>
Surgical (incl. Gynecology)					
# Separations				2,949	3,102
# Patient-Days				13,874	15,491
ALOS (Days)				4.7	5.0
% Occupancy				73.4	62.0
Beds Set-Up				42	42
Obstetrical					
# Separations				1,801	1,824
# Patient-Days				4,563	4,443
ALOS (Days)				2.5	2.4
% Occupancy				67.1	56.5
Beds Set-Up				21	21
# Live Births					
- Normal				1,356	1,404
- Under 2500 Grams				55	67
Total				1,401	1,471
Neonatal Intensive Care					
# Separations				194	278
# Patient-Days				1,207	1,553
ALOS (Days)				6.2	5.6
% Occupancy				68.1	78.7
Beds Set-Up				5	5

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**MSA GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>INPATIENT CARE (cont'd)</u></b>					
<b>Nursery (Newborns)</b>					
# Separations				1,411	1,471
# Patient-Days				3,595	3,787
ALOS (Days)				2.5	2.6
% Occupancy				38.1	30.7
Beds Set-Up				25	25
# Post Natal Separations				27	33
<b>Pediatric</b>					
# Separations				1,123	1,161
# Patient-Days				3,274	3,221
ALOS (Days)				2.9	2.8
% Occupancy				56.6	51.5
Beds Set-Up				18	18
<b>Intensive Care</b>					
# Admission				219	238
# Patient-Days				745	965
ALOS (Days)				3.4	4.1
% Occupancy				60.8	60.4
Beds Set-Up				10	10
<b>Coronary Care</b>					
# Separations				444	370
# Patient-Days				1,510	1,204
ALOS (Days)				3.4	3.2
% Occupancy					<i>Incl. in ICU</i>
Beds Set-Up					<i>Incl. in ICU</i>
<b>Psychiatric</b>					
# Separations				732	769
# Patient-Days				6,666	7,681
ALOS (Days)				9.1	9.9
% Occupancy				89.5	96.5
Beds Set-Up				20	20
<b>Alternate Level Care (ALC)</b>					
# Separations (Incl. in Medical)				(525)	(511)
# Patient-Days (Incl. in Medical)				(7,201)	(16,063)
ALOS (Days)				13.7	31.4
% Occupancy				-	98.7
Beds Set-Up				25	25
<b>Total Beds Set Up</b>					
# Adult & Children				199	224
# Newborn (Bassinets)				5	5
# Total Separations (excl. newborn)				11,401	11,591
# Admissions Through Emergency as % of Total Admissions				62%	61%



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**MSA GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>OUTPATIENT CARE</u></b>					
Emergency Visits					
# Emergent					
# Urgent					
# Non-Urgent					
# Total Visits			42,222	43,641	41,780
% Admitted			16.5	58.8	60.5
Outpatient Clinic Visits					
# Lithium OP				334 <sup>1</sup>	219
# Miscellaneous OP				7,535 <sup>1</sup>	10,031
Surgical Day Care					
# Surgical Cases				7,006	7,379
Women's Health Clinic				Nil	Nil
Surgery					
"Other" Visits					
Pre-Admission Clinic				1,948 <sup>1</sup>	4,134
Diabetic Education					
# Visits				2,494	2,819
# Patients					
OBS Non-Stress Tests				1,027 <sup>1</sup>	1,680
Dietetic Counselling					
# Visits				1,334 <sup>1</sup>	2,140
# Patients					
Psychiatric Day Care					
# Visits					
# Patients					
Psychiatric Outpatient Clinic					
# Visits				1,004	1,078
G.I./G.U./ENT Unit (Endoscopies)					
# IP Procedures				170	138
# Day Care Procedures				881	1,102
Total				1,051	1,240
Cystoscopy					
# IP Procedures				96	75
# Day Care Procedures				1,498	1,736
Total				1,594	1,801

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**MSA GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>CLINICAL SUPPORT SERVICES</u></b>					
Surgical Suite					
# IP Cases				3,050	3,097
# Day Care Cases				3,851	4,010
Total				6,901	7,107
# Same Day Admits					
# Deliveries/Year				1,411	1,471
Patient/Family Counselling (SW)					
IP				7,045	6,236
OP				1,017	784
Total Patients				8,062	7,020
Total Interviews					
Total Contacts					
Medical Imaging					
IP Exams				12,798	12,644
OP Exams				46,390	46,389
Total				59,188 <sup>2</sup>	59,033 <sup>2</sup>
Nuclear Medicine				Nil	Nil
IP Scans					
OP Scans					
Total Scans					
Laboratory (000)					
# IP Units				1,347	1,428
# OP Units				1,210	1,209
# Referred In Units				143	161
# QC Units				328	312
Total				3,028	3,110
# Autopsies					
Cardiac Diagnostic					
# IP ECG				6,287	4,022
# OP ECG				10,105	10,647
Total				16,392	14,669
# IP Stress Tests				459	360
# OP Stress Tests				1,860	1,788
Total				2,319	2,148
Holter Monitor					
# IP Tests				0	0
# OP Tests				317	355
Total				317	355
Cardiac Ultrasound (Echocardiography)				Nil	Nil
# IP Tests					
# OP Tests					
Total					

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**MSA GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**CLINICAL SUPPORT SERVICES (cont'd)**

Vascular Lab Procedures				Nil	Nil
# Cardiac Catheterizations					
# Angioplasties (PTCA)					
Total					
Neurological Diagnostic					
IP EEG				57	67
OP EEG				370	507
Total				427	574
IP EMG Exams				6	3
OP EMG Exams				121	133
Total				127	136
IP Evoked Response Tests				6	3
OP Evoked Response Tests				171	178
Total				177	181
Hemodialysis				Nil	Nil
# patients					
# visits					
Respiratory Care					
IP Treatments				21,962	12,561
OP Treatments				3,454	2,214
Total				25,416	14,775
Pulmonary Function					
IP Assessments				955	614
OP Assessments				3,525	3,025
Total				4,480	3,639
Bronchoscopy					
# IP Procedures				28	30
# OP Procedures				113	123
Total				141	153
Physiotherapy					
IP Attendances				13,180	11,314
OP Attendances				3,888	3,459
Total				17,068	14,773
Occupational Therapy					
IP Attendances				2,135	206
OP Attendances				533	986
Total				2,668	1,192
Pharmacy					
# IP Prescription/Doses				119,082	122,943
# OP Prescription/Doses				na	na
TPN Mixtures				494 <sup>3</sup>	627 <sup>3</sup>
IV Preps				4,321	6,702

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**MSA GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**SUPPORT SERVICES**

Nutrition & Food Services

# IP Meal Days				63,424	60,946
# OP Meal Days				98	144
# Non-Pt Meal Days				10,000	18,853
# ECU Meal Days				54,678	54,528
# Meal Days to Other				2,000	3,900

Total				130,200	138,371
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Laundry

# KG				696,348	727,904
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**Notes:**

- 1 MSA Hospital implemented the Meditech ADT system in September 1998, therefore, some outpatient statistics are incomplete for fiscal 1998/99.
- 2 Includes general Radiography, CT, US, Mammography.
- 3 Prior to February 2000, MSA was preparing TPN for Mission Memorial Hospital.

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**CHILLIWACK GENERAL HOSPITAL**

The following table presents historical service workloads of the Chilliwack General Hospital of the Fraser Valley Health Region.

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>INPATIENT CARE</u></b>					
<b>Medical <sup>1</sup></b>					
# Separations				2,672	2,907
# Patient-Days				18,672	20,590
ALOS (Days)				7.0	7.1
% Occupancy				96.6	99.8
Beds Set-Up				43	43
<b>Telemetry</b>					
# Patients					279
# Patient-Days					586
ALOS (Days)					2.1
% Occupancy				<i>Incl. in Medical</i>	
Beds Set-Up				<i>Incl. in Medical</i>	
<b>Surgical (incl. Gynecology)</b>					
# Separations				1,948	2,246
# Patient-Days				12,402	12,592
ALOS (Days)				6.4	5.6
% Occupancy				81.7	85.7
Beds Set-Up				37	37
<b>Obstetrical</b>					
# Separations				962	1,049
# Patient-Days				2,358	2,525
ALOS (Days)				2.5	2.4
% Occupancy					
Beds Set-Up					
<b>Rehabilitation <sup>2</sup></b>					
# Separations				(121)	(126)
# Patient-Days				(1,697)	(2,020)
ALOS (Days)					
% Occupancy					
Beds Set-Up					
<b>Neonatal Intensive Care</b>					
# Separations				Nil	Nil
# Patient-Days					
ALOS (Days)					
% Occupancy					
Rate Capacity					
<b>Nursery (Newborns)</b>					
# Separations				777	872
# Patient-Days				1,807	2,062
ALOS (Days)				2.3	2.4
% Occupancy				36.4	41.1
Beds Set-Up				14	14

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**CHILLIWACK GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>INPATIENT CARE (cont'd)</u></b>					
<b>Pediatric</b>					
# Separations				487	468
# Patient-Days				1,339	1,244
ALOS (Days)				2.7	2.7
% Occupancy				66.8	90.1
Beds Set-Up				14 <sup>3</sup>	14 <sup>3</sup>
<b>Intensive Care</b>					
# Admission				322	338
# Patient-Days				1,095	1,082
ALOS (Days)				3.4	3.2
% Occupancy				86.5	78.9
Beds Set-Up				8	8
<b>Coronary Care</b>					
# Separations				543	500
# Patient-Days				1,683	1,300
ALOS (Days)				3.1	2.6
% Occupancy					<i>Incl. in ICU</i>
Beds Set-Up					<i>Incl. in ICU</i>
<b>Psychiatric</b>					
# Separations				635	660
# Patient-Days				5,004	5,765
ALOS (Days)				7.9	8.7
% Occupancy				81.6	86.8
Beds Set-Up				14	14
<b>Alternate Level Care (ALC)</b>					
# Separations				105	131
# Patient-Days				3,004	3,449
ALOS (Days)				28.6	26.33
% Occupancy					<i>Incl. in Medical</i>
Beds Set-Up					<i>Incl. in Medical</i>
<b>Total Beds Set Up</b>					
# Adult & Children				128	128
# Newborn (Bassinets)				14	14
# Total Separations (excl. newborn)				6,719	7,349
# Admissions Through Emergency as % of Total Admissions				61%	60%
<b># Live Births</b>					
- Normal				757	851
- Under 2500 Grams				20	21
<b>Total</b>				<b>777</b>	<b>872</b>

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**CHILLIWACK GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b>OUTPATIENT CARE</b>					
Emergency Visits					
# Emergent					
# Urgent					
# Non-Urgent					
# Total Visits				27,053	33,629
% Admitted					
Outpatient Clinic Visits					
# Lithium OP				na	na
# Miscellaneous OP				13,495	13,178
Surgical Day Care					
# Surgical Cases				4,932	5,147
Medical/General Day Care					
# Visits/Procedures					
Women's Health Clinic					
Surgery					
"Other" Visits					
Pre-Admission Clinic				1,337	1,496
Diabetic Education					
# Visits				635	988
# Patients					
OBS Non-Stress Tests				696	804
Dietetic Counselling					
# Visits				0	0
# Patients					
Psychiatric Day Care					
# Visits					
# Patients					
Psychiatric Outpatient Clinic					
# Visits				1,943	2,048
G.I. Unit (Endoscopies)					
# IP Procedures				137	157
# OP Procedures					
# Day Care Procedures				1,425	1,733
Total				1,562	2,890
Cystoscopy					
# IP Procedures				45	37
# SDC Procedures				274	375
Total				319	412

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**CHILLIWACK GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>CLINICAL SUPPORT SERVICES</u></b>					
Surgical Suite					
# IP Cases				2,028	2,323
# Day Care Cases				3,161	3,275
Total				5,189	5,598
# Same Day Admits				1,521	1,789
# Deliveries/Year					
Vaginal				584	686
C-Section				189	179
Total				773	865
Patient/Family Counselling					
IP Attendance Days				2,430	2,796
OP Attendance Days				352	176
Total Attendance Days				2,782	2,972
Medical Imaging <sup>4</sup>					
IP Exams				5,527	6,043
OP Exams				29,311	32,668
Total				34,838	38,711
Nuclear Medicine					
IP Scans					
OP Scans					
Total Scans					
Laboratory (000)					
# IP Units				1,023	782
# OP Units				542	1,023
# Referred In Units				240	160
# QC Units				264	264
Total				2,069	2,229
# Autopsies					
Cardiac Diagnostic					
# IP ECG				2,428	2,459
# OP ECG				6,090	6,732
Total				8,518	9,191
# IP Stress Tests				0	0
# OP Stress Tests				0	0
Total				0	0
Holter Monitor					
# IP Tests				0	0
# OP Tests				284	302
Total				284	302



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**CHILLIWACK GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**CLINICAL SUPPORT SERVICES (cont'd)**

Cardiac Ultrasound (Echocardiography)

# IP Tests

# OP Tests

Total

Nil

Vascular Lab Procedures

# Cardiac Catheterizations

# Angioplasties (PTCA)

Total

Nil

Neurological Diagnostic

IP EEG

OP EEG

Total

Nil

IP EMG Exams

OP EMG Exams

Total

Nil

IP Evoked Response Tests

OP Evoked Response Tests

Total

Nil

Hemodialysis

# patients

# visits

Nil

Respiratory Care

IP Treatments

OP Treatments

Total

Nil

Pulmonary Function

IP Assessments

OP Assessments

Total

3,518

4,560

3,518

4,560

Bronchoscopy

# IP Procedures

# SDC Procedures

Total

9

16

51

44

60

60

Physiotherapy

IP Attendances

OP Attendances

Total

8,755

9,439

2,397

3,487

11,152

12,926

Occupational Therapy

IP Attendances

OP Attendances

Total

3,372

2,592

42

47

3,414

2,639

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**CHILLIWACK GENERAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**CLINICAL SUPPORT SERVICES (cont'd)**

Pharmacy				3,414	2,639
# IP Prescription/Doses				77,681	84,516
# OP Prescription/Doses				na	na
TPN Mixtures				674	664
IV Preps				1,432	26,408

**SUPPORT SERVICES**

Nutrition & Food Services					
# IP Meal Days				40,653	42,746
# OP Meal Days				0	0
# EC Meal Days				34,793	34,955
# Non-Pt Meal Days				22,558	15,840
# Meal Days to Other				0	2,593
<b>Total</b>				<b>98,004</b>	<b>96,134</b>
Laundry					
# KG				547,296	582,774

**Notes:**

- 1 Includes ALC, ICU, CCU and Rehab.
- 2 Included in Medical above.
- 3 Also includes Medical Short Stay.
- 4 Includes General Radiography, CT, US, Screening Mammography.

Appendices

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**MISSION MEMORIAL HOSPITAL**

The following table presents historical service workloads of the Mission Memorial Hospital of the Fraser Valley Health Region.

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>INPATIENT CARE</u></b>					
<b>Medical</b>					
# Separations				1,340	1,373
# Patient-Days				7,881	8,986
ALOS (Days)				5.9	6.5
% Occupancy				86.6	93.2
Beds Set-Up				18	18
<b>Surgical (incl. Gynecology)</b>					
# Separations				866	887
# Patient-Days				4,367	3,750
ALOS (Days)				5.0	4.2
% Occupancy				85.7	81.2
Beds Set-Up				18	18
<b>Obstetrical</b>					
# Separations				534	495
# Patient-Days				1,151	938
ALOS (Days)				2.2	1.9
% Occupancy				40.7	35.5
Beds Set-Up				12	12
<b>Rehabilitation (Chilliwack General Hospital only)</b>					
# Separations				na	na
# Patient-Days				na	na
ALOS (Days)				na	na
% Occupancy					
Beds Set-Up					
<b>Neonatal Intensive Care (MSA Hospital only)</b>					
# Separations				na	na
# Patient-Days				na	na
ALOS (Days)				na	na
% Occupancy					
Rate Capacity					
<b>Nursery (Newborns) (incl. Special Care Nursery)</b>					
# Separations				394	316
# Patient-Days				788	562
ALOS (Days)				2.0	1.8
% Occupancy				18.2	12.9
Beds Set-Up				12	12

Appendices

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**MISSION MEMORIAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>INPATIENT CARE (cont'd)</u></b>					
<b>Pediatric</b>					
# Separations				172	179
# Patient-Days				334	283
ALOS (Days)				1.9	1.6
% Occupancy				<i>Incl. in Medical</i>	
Beds Set-Up				<i>Incl. in Medical</i>	
<b>Intensive Care</b>					
# Admission					
# Patient-Days				398	444
ALOS (Days)				2.8	3.0
% Occupancy				61.8	72.3
Beds Set-Up				4	4
<b>Coronary Care</b>					
# Separations					
# Patient-Days				502	624
ALOS (Days)				2.6	3.2
% Occupancy				<i>Incl. in ICU</i>	
Beds Set-Up				<i>Incl. in ICU</i>	
<b>Psychiatric</b>					
# Separations				60	99
# Patient-Days				177	208
ALOS (Days)				3.0	2.1
% Occupancy					
Beds Set-Up					
<b>Alternate Level Care (ALC)</b>					
# Separations				124	94
# Patient-Days				2,342 <sup>1</sup>	2,400 <sup>1</sup>
ALOS (Days)				18.9 <sup>1</sup>	25.5 <sup>1</sup>
% Occupancy					
Beds Set-Up					
<b>Total Beds Set Up</b>					
# Adult & Children					
# Newborn (Bassinets)					
# Total Separations (excl. newborn)				2,995	3,046
# Admissions Through Emergency as % of Total Admissions				57%	59%
<b># Live Births</b>					
- Normal				387	311
- Under 2500 Grams				7	5
<b>Total</b>				<b>394</b>	<b>316</b>

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**MISSION MEMORIAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b>OUTPATIENT CARE</b>					
Emergency Visits					
# Emergent					
# Urgent					
# Non-Urgent					
# Total Visits				25,854	21,852
% Admitted					
Outpatient Clinic Visits					
# Lithium OP				na	na
# Miscellaneous OP				1,703	4,018
Surgical Day Care					
# Surgical Cases				1,879	2,315
Medical/General Day Care					
# Visits/Procedures				na	na
Women's Health Clinic					
Surgery				na	na
"Other" Visits					
Pre-Admission Clinic				414 <sup>2</sup>	1,117
Diabetic Education					
# Visits				na	na
# Patients					
OBS Non-Stress Tests				204 <sup>3</sup>	291
Dietetic Counselling					
# Visits				689	762
# Patients					
Psychiatric Day Care					
# Visits				na	na
# Patients					
Psychiatric Outpatient Clinic					
# Visits				na	na
G.I. Unit (Endoscopies)					
# IP Procedures				100	87
# OP Procedures					
# SDC Procedures				737	995
Total					
Cystoscopy					
# IP Procedures				35	28
# SDC Procedures				419	504
Total				454	532

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**MISSION MEMORIAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**OUTPATIENT CARE (cont'd)**

ENT Endoscopies					
# IP Procedures				1	1
# SDC Procedures				43	35
Total				44	36

**CLINICAL SUPPORT SERVICES**

Surgical Suite					
# IP Cases				843	768
# Day Care Cases				1,532	1,942
Total				2,375	2,710

# Same Day Admits				809	737
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# Deliveries/Year					
Vaginal				306	270
C-Section				88	49
Total				394	319

Patient/Family Counselling					
IP				2,555	2,449
OP				454	472
Total Patients				3,009	2,921
Total Interviews					
Total Contacts					

Medical Imaging					
IP Exams				2,430	2,329
OP Exams				22,876	24,291
Total				25,306	26,620

Nuclear Medicine					
IP Scans					
OP Scans					
Total Scans					

Laboratory (000)					
# IP Units				322	331
# OP Units				614	636
# Referred In Units				0	0
# QC Units				155	143
Total				1,091	1,110
# Autopsies					

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**MISSION MEMORIAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**CLINICAL SUPPORT SERVICES (cont'd)**

Cardiac Diagnostic					
# IP ECG				1,472	1,339
# OP ECG				3,542	3,896
Total				5,014	5,235
# IP Stress Tests				0	0
# OP Stress Tests				0	0
Total				0	0
Holter Monitor					
# IP Tests				0	0
# OP Tests				0	0
Total				0	0
Cardiac Ultrasound (Echocardiography)				Nil	Nil
# IP Tests					
# OP Tests					
Total					
Vascular Lab Procedures				Nil	Nil
# Cardiac Catheterizations					
# Angioplasties (PTCA)					
Total					
Neurological Diagnostic				Nil	Nil
IP EEG					
OP EEG					
Total					
IP EMG Exams				Nil	Nil
OP EMG Exams					
Total					
IP Evoked Response Tests				Nil	Nil
OP Evoked Response Tests					
Total					
Hemodialysis				Nil	Nil
# patients					
# visits					
Respiratory Care				Nil	Nil
IP Treatments					
OP Treatments					
Total					
Pulmonary Function					
IP Assessments				-	-
OP Assessments				842	495
Total				842	495

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**MISSION MEMORIAL HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**CLINICAL SUPPORT SERVICES (cont'd)**

<b>Bronchoscopy</b>					
# IP Procedures				0	1
# OP Procedures				2	1
Total				2	2
<b>Physiotherapy</b>					
IP Attendances				3,593	3,853
OP Attendances				965	1,138
Total				4,558	4,991
<b>Occupational Therapy</b>					
IP Attendances				21	33
OP Attendances				145	729
Total					
<b>Pharmacy</b>					
# IP Prescription/Doses				166	762
# OP Prescription/Doses				23,999	29,182
TPN Mixtures				na	na
IV Preps				0 <sup>3</sup>	0 <sup>3</sup>
				563	698

**SUPPORT SERVICES**

<b>Nutrition &amp; Food Services</b>					
# IP Meal Days				14,004	14,342
# OP Meal Days				0	0
# ECU Meal Days				27,268	27,196
# Non-Pt Meal Days				8,600	8,649
# Meal Days to Other				0	1,456
Total				49,872	51,643
<b>Laundry</b>					
# KG				253,152	272,616

**Notes:**

- 1 Days include ALC days as well as acute days.
- 2 Mission Memorial Hospital implemented the Meditech ADT system in October 1998, therefore, some 1998/99 outpatient statistics are incomplete for fiscal 1998/99.
- 3 Prior to February 2000, MSA was preparing TPN for Mission Hospital.



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**FRASER CANYON HOSPITAL**

The following table presents historical service workloads of the Fraser Canyon Hospital of the Fraser Valley Health Region.

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>INPATIENT CARE</u></b>					
<b>Medical</b>					
# Separations				747	726
# Patient-Days				5,099	4,696
ALOS (Days)				6.5	6.4
% Occupancy				65.0	83.0
Beds Set-Up				15	15
<b>Surgical (incl. Gynecology)</b>					
# Separations				na	na
# Patient-Days					
ALOS (Days)					
% Occupancy					
Beds Set-Up					
<b>Obstetrical</b>					
# Separations				84	35
# Patient-Days				133	46
ALOS (Days)				1.6	1.3
% Occupancy					
Beds Set-Up					
<b>Rehabilitation (Chilliwack only)</b>					
# Separations				Nil	Nil
# Patient-Days					
ALOS (Days)					
% Occupancy					
Beds Set-Up					
<b>Neonatal Intensive Care (MSA only)</b>					
# Separations				Nil	Nil
# Patient-Days					
ALOS (Days)					
% Occupancy					
Rate Capacity					
<b>Nursery (Newborns)</b>					
# Separations				33	9
# Patient-Days				50	12
ALOS (Days)				1.5	1.3
% Occupancy				0.04	0.04
Beds Set-Up				2	2
<b>Pediatric</b>					
# Separations				49	30
# Patient-Days				61	45
ALOS (Days)				1.3	1.5
% Occupancy				15.0	0.03
Beds Set-Up				1	1

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**FRASER CANYON HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b><u>INPATIENT CARE (cont'd)</u></b>					
Intensive Care				Nil	Nil
# Admission					
# Patient-Days					
ALOS (Days)					
% Occupancy					
Rate Capacity					
Beds Set-Up					
Coronary Care				Nil	Nil
# Separations					
# Patient-Days					
ALOS (Days)					
% Occupancy					
Rated Capacity					
Beds Set-Up					
Psychiatric					
# Separations				37	71
# Patient-Days				48	156
ALOS (Days)				1.3	2.2
% Occupancy				<i>Incl. in Medical</i>	
Beds Set-Up				<i>Incl. in Medical</i>	
Alternate Level Care (ALC)					
# Separations				11	2
# Patient-Days				163	7
ALOS (Days)				14.8	3.5
% Occupancy				<i>Incl. in Medical</i>	
Beds Set-Up				<i>Incl. in Medical</i>	
Total Beds Set Up					
# Adult & Children				16	16
# Newborn (Bassinets)				2	2
# Total Separations (excl. newborn)				936	906
# Admissions Through Emergency as % of Total Admissions				71%	70%
# Live Births					
- Normal				32	8
- Under 2500 Grams				1	1
Total				33	9

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**FRASER CANYON HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
<b>OUTPATIENT CARE</b>					
Emergency Visits					
# Emergent					
# Urgent					
# Non-Urgent					
# Total Visits				6,161	6,281
% Admitted					
Outpatient Clinic Visits					
# Lithium OP				na	na
# Miscellaneous OP				524	1,170
Surgical Day Care					
# Surgical Cases					
Medical/General Day Care					
# Visits/Procedures					
Women's Health Clinic					
Surgery					
"Other" Visits					
Pre-Admission Clinic				0	0
Diabetic Education					
# Visits					
# Patients					
Fetal Assessment Visits					
Dietetic Counselling					
# Visits					
# Patients					
Psychiatric Day Care					
# Visits					
# Patients					
Psychiatric Outpatient Clinic				0	0
# Visits					
G.I. Unit (Endoscopies)					
# IP Procedures					
# OP Procedures					
# Day Care Procedures					
Total					
Surgical Suite					
# IP Cases					
# Day Care Cases				178	188
Total				178	188

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**FRASER CANYON HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**CLINICAL SUPPORT SERVICES**

# Same Day Admits

# Deliveries/Year

Vaginal				34	9
C-Sections				0	0
<b>Total</b>				<b>34</b>	<b>9</b>

Patient/Family Counselling

IP Attendance Days				(no information)	(no information)
OP Attendance Days					
<b>Total</b>					

Medical Imaging

IP Exams				1,047	835
OP Exams				5,496	5,786
<b>Total</b>				<b>6,543</b>	<b>6,621</b>

Nuclear Medicine

IP Scans				Nil	Nil
OP Scans					
<b>Total Scans</b>					

Laboratory (000)

# IP Units				93	85
# OP Units				234	242
# Referred In Units				0	0
# QC Units				116	82
<b>Total</b>				<b>443</b>	<b>409</b>
# Autopsies					

Cardiac Diagnostic

# IP ECG				962	590
# OP ECG				975	1,365
<b>Total</b>				<b>1,937</b>	<b>1,955</b>

# IP Stress Tests				0	0
# OP Stress Tests				0	0
<b>Total</b>				<b>0</b>	<b>0</b>

Holter Monitor					
# IP Tests				0	0
# OP Tests				50	60
<b>Total</b>				<b>50</b>	<b>60</b>

Cardiac Ultrasound (Echocardiography)

# IP Tests				Nil	Nil
# OP Tests					
<b>Total</b>					

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**FRASER CANYON HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**CLINICAL SUPPORT SERVICES (cont'd)**

Vascular Lab Procedures

# Cardiac Catheterizations

# Angioplasties (PTCA)

Total

Nil

Nil

Neurological Diagnostic

IP EEG

OP EEG

Total

Nil

Nil

IP EMG Exams

OP EMG Exams

Total

Nil

Nil

IP Evoked Response Tests

OP Evoked Response Tests

Total

Nil

Nil

Hemodialysis

# patients

# visits

Nil

Nil

Respiratory Care

IP Treatments

OP Treatments

Total

Nil

Nil

Pulmonary Function

IP Assessments

OP Assessments

Total

-

0

0

-

37

37

Bronchoscopy

# IP Procedures

# OP Procedures

Total

Physiotherapy

IP Attendances

OP Attendances

Total

470

4,207

4,677

952

6,241

7,193

Occupational Therapy

IP Attendances

OP Attendances

Total

2,135

533

2,668

206

986

1,192

Pharmacy

(no Pharmacy at Fraser Canyon Hospital)

# IP Prescription/Doses

# OP Prescription/Doses

TPN Mixtures

IV Preps

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**FRASER CANYON HOSPITAL (cont'd)**

Service/Unit of Measurement	95/96	96/97	97/98	98/99	99/00
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**SUPPORT SERVICES**

Nutrition & Food Services

# IP Meal Days				4,666	4,895
# OP Meal Days					
# ECU Meal Days				16,691	16,698
# Non-Pt Meal Days				1,930	1,984
# Meal Days to Other				100	130

Total				23,387	23,707
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Laundry (all done at the CGH Laundry)

# KG				113,189	94,016
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Notes:

1

2

**APPENDIX C – EXISTING  
 HOSPITAL STAFF PROFILE**

<b>2000/01 Budget FTE's</b>	<b>MSA GENERAL HOSPITAL SITE</b>
	<b>Inpatient Care Services</b>
114.53	Medical/Surgical Inpatient Units
9.10	Telemetry/SSDU & Surgery
22.00	Intensive/Coronary Care Unit
15.20	Pediatric Inpatient Units
28.80	Obstetrical Inpatient Unit/L&D
12.30	Neonatal Intensive Care Unit
20.24	Psychiatric Inpatient Units
9.21	Supervisors/Foats/Porters
231.38	Subtotal
	<b>Clinical Support Services</b>
36.46	Surgical Suite (including PACU)
25.03	Medical Imaging
49.30	Laboratory Services (incl. Morgue & Autopsy)
7.14	Cardiopulmonary/Neurodiagnostics
9.37	Rehabilitation Services (PT & OT)
4.51	Social Work
18.21	Pharmacy Services
150.02	Subtotal
	<b>Ambulatory Care Services/Community Programs</b>
44.13	Emergency
6.50	Outpatient Clinics
7.70	Enhanced Care Management
0.70	IV Home Therapy
0.20	Sexual Assault Nurse Examiner
5.41	Psych After Hours Program
2.70	Pre-Admission Clinic
5.90	Day Surgery
5.00	Psychiatric Day Care
1.00	Diabetic Day Care
1.80	Palliative Care Outpatient
0.50	Infection Control
81.54	Subtotal
	<b>Public and Administrative Services</b>
5.00	Administration
23.30	Admitting
16.55	Health Records
1.00	Spiritual Services
45.85	Subtotal
	<b>General Support Services</b>
34.93	Materials Management (including CPD)
54.58	Nutrition and Food Services (including Clinical Nutrition)
32.47	Housekeeping Services
1.60	Laundry/Linen Services
11.46	Plant Services
3.79	Security
1.50	Biomedical Engineering
140.33	Subtotal
<b>649.12</b>	<b>TOTAL</b>

**APPENDIX D – EXISTING MEDICAL STAFF PROFILES** The following table presents the FVHR Physician Resources as of 31 July 2000.

Department/Division	MSA Active/Provisional Hospital- Based <sup>1</sup> (GLP)	Total	CGH	MMH	FCH	Total
<b>Anaesthesia</b>	6	6	5	1	0	12
<b>Emergency Medicine</b>	5	5	7	0	0	12
<b>Family Medicine</b>		65	62	24 <sup>2</sup>	8 <sup>2</sup>	159 <sup>2</sup>
<b>Laboratory Medicine</b>						5 <sup>3</sup>
Anatomic Pathology						
Chemistry						
Hematology						
Microbiology						
Subtotal	11	76	74	25	8	188
<b>Medicine</b>						
Cardiology		0	0	0	0	0
Critical Care		0	0	0	0	0
Dermatology		1	0	0	0	1
Endocrinology		0	0	0	0	0
Gastroenterology		0	0	0	0	0
Infectious Diseases		0	0	0	0	0
Internal Medicine		6	4	2	0	12
Nephrology		0	0	0	0	0
Neurology		1	0	0	0	1
Physical Medicine & Rehabilitation		0	0	0	0	0
Respiratory Diseases		0	0	0	0	0
Rheumatology		1	0	0	0	1
Subtotal		9	4	2	0	15
<b>Obstetrics &amp; Gynecology</b>		4	2	0	0	6
<b>Pediatrics</b>		4	1	0	0	5
<b>Psychiatry</b>		5	2	0	0	7
<b>Radiology</b>	9	9	1	1	0	11



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Department/Division	MSA Active/Provisional					
	Hospital- Based <sup>1</sup> (GLP)	Total	CGH	MMH	FCH	Total
<b>Surgery</b>						
Cardiovascular & Thoracic		0	0	0	0	0
Dentistry		0	0	0	0	0
General Surgery		4	3	1	0	8
Neurosurgery		0	0	0	0	0
Ophthalmology		4	2	0	0	6
Orthopedics		4	2	1	0	7
Otolaryngology		2	1	0	0	3
Plastic Surgery		1	1	0	0	2
Urology		2	1	0	0	3
Subtotal		17	10	2	0	29
<b>Other</b>						
Nuclear Medicine		0	0	0	0	0
Oncology		0	0	0	0	0
Subtotal		0	0	0	0	0
<b>Total</b>		124	94	30	8	261
<b>Total, Geographically Located Physicians</b>	20					

Notes:

- 1 A Geographically Located Physician (GLP) may be employed by a hospital and/or university and conduct his/her practice on the hospital's campus or he/she may practice principally on a fee-for-service basis and receive an honorarium or stipend from the hospital or university for administrative or academic responsibilities. GLP's are provided with office accommodation and support services on-site.
- 2 Physicians on LOA included in totals.
- 3 Laboratory Medicine included in FVHR total and not at individual sites.

**APPENDIX E – AMBULATORY  
CARE SERVICES PROFILE**

In order for an ambulatory care program/service to be considered based at one of the acute care hospital sites, it must be in conformance with the Region's Vision, Mission and Strategic Direction statements and must meet one or more of the factors listed under Criteria A. Compliance with Criteria B through F, in addition to Criteria A, will enhance a program's or service's case for being provided on one of the acute care hospital sites.

A hospital-based ambulatory care program or service must:

- A. Meet the current and projected health care needs of the Regional service area in an efficient and effective manner, and in coordination with other health care services both internally and externally, the program or service should:
  - 1. provide an environment which insures patient safety conditions superior to that possible in a private practice office or in a community-based location
  - 2. provide special resources (facilities, equipment/ supplies, or staff) not realistically available in private practice offices or in community health services
  - 3. provide direct patient care support to inpatient care programs on the hospital site, thus creating continuity and effectiveness of care
  - 4. provide services more economically than in a community-based location
- B. Support teaching needs.
- C. Support research endeavours.
- D. Attract and maintain specialized medical expertise.
- E. Provide clinical office practice facilities for full time on-site hospital medical staff.
- F. Generate revenue.

Definition:

The definition of **ambulatory care** is expanding to include essentially any care provided in any setting other than an acute or chronic inpatient care setting.

**ACTIVITY BY CLINICAL DEPARTMENT**

The following list indicates the types of ambulatory care activity by Clinical Department that might be considered for location at one of the acute care sites. The Hospital abbreviations in (parentheses) behind selected activities indicates where activities of this type are currently located.

**Department of Medicine**

**Dermatology (MSA)**

- need for general use space (exam/consult rooms)
- Dermatologic Services including:
  - patch testing, photo-patch testing, photo-sensitivity testing
  - day care for the treatment of psoriasis, vitiligo using UVB and PUVA
  - laser treatment of skin lesions

**Cardiology (MSA)**

- need for general use space (exam/consult rooms)
- Cardiac Services including:
  - ECG, stress tests, non-stress tests, holter monitor
  - echocardiography (transthoracic/transesophageal)
  - cardiac catheterizations
  - angioplasties
  - valve clinic
  - pacemaker clinic
  - diagnostic vascular lab (including continuous wave doppler, venous exam, Raynaud's exam, duplex ultrasound screening, ophthalmic doppler, etc.)
  - cardiac support group
  - cardiac rehab teaching & support group
  - cardiosciences program - education
  - cardiosciences program - exercise
  - cardiac clinic

**Endocrinology**

- Diabetic Day Care including: **(MSA)**
  - adrenal function testing
  - metabolic studies
  - diabetes education
  - endocrine testing
- diabetic teaching program **(MSA, MMH, FCH, CGH)**
- Pregnancy Clinic **(MSA)**
- Children's Clinic

**Geriatric Medicine**

- Geriatric Assessment including:

- clinic & day hospital

#### Gastroenterology

- need for general use space (exam/consult rooms) **(MSA)**
- G.I. Investigation Services including:
  - Gastroscopy **(MSA, MMH, CGH)**
  - Colonoscopy **(MSA, MMH, CGH)**
  - Sigmoidoscopy **(MSA, MMH, FCH, CGH)**
  - liver biopsy **(MSA)**
  - pancreas biopsy
  - esophageal motility testing
- Medical Day Care (see page E10)

#### Internal Medicine (MSA)

- need for general use space (exam/consult rooms)

#### Hematology/Oncology

- need for general use space (exam/consult rooms) **(MSA)**
- Laboratory Medicine (see page E9)
- Medical Day Care (see page E10)
- pulse therapy services

#### Infectious Diseases

- need for general use space (exam/consult rooms)

#### Nephrology

- general use space (exam/consult rooms)
- Renal Clinic/Hemodialysis Unit including:
  - hemodialysis treatments
  - therapeutic plasma exchange
  - 24 hour BP monitoring
  - choridine testing
  - C.A.P.D.
- Home Dialysis Training

#### Neurology

- general use space (exam/consult rooms) **(MSA)**
- Neurosciences Diagnostic Services including:
  - EEG **(MSA)**
  - EMG **(MSA)**
  - evoked potential studies (somatosensory, magnetic)
  - stroke prevention program
  - headache clinic
  - motor nerve studies

- sensory nerve condition studies
- repetitive stimulation
- neuroscience & head injury program
- neurology clinic
- neurosurgery clinic
- F-Wave
- H-Reflex
- epilepsy testing/study/clinic
- MS class
- Parkinson class
- Medical Day Care (lumbar punctures) (see page E10)

#### Respiratory Medicine

- need for general use space (exam/consult rooms)
- Pulmonary Function Labs including:
  - lung function tests (**MSA**)
  - lung mechanics tests
  - bronchial challenge tests (**MSA**)
  - immunological tests
  - respiratory & exercise therapy (**MSA**)
- Sleep & Exercise Lab
- TB Clinic
- Endoscopy Suite including:
  - Bronchoscopy (**MSA**)
- Medical Day Care (see page E10)

#### Rheumatology

- general use space (exam/consult rooms)
- inflammatory arthritis class/ankylosing spondylitis class
- pulse therapy services
- RDU outpatient & clinic teaching
- immunosuppression therapy

#### Department of Surgery

##### Cardiovascular & Thoracic

- need for general use space (exam/consult rooms)
- Cardiac Services including:
  - ECG, stress tests, non-stress tests, holter monitor (**MSA**)
  - echocardiography (transthoracic/transesophageal)
  - cardiac catheterizations
  - angioplasties
  - pacemaker clinic
  - diagnostic vascular lab (including continuous wave doppler, venous exam, Raynaud's exam, duplex ultrasound screening, ophthalmic doppler, etc.)

- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Suite (see page E11) **(MSA)**

#### Dentistry

- need for general use space (exam/consult rooms)
- dental clinic

#### General Surgery

- need for general use space (exam/consult rooms)
- Medical Day Care (see page E10) **(MSA)**
- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Suite (see page E11) **(MSA)**
- enterostomal therapy/training **(MSA)**

#### Gynecology (see Obstetrics & Gynecology)

#### Neurosurgery

- need for general use space (exam/consult rooms)
- Surgical Day Care (see page E10)
- Neurosciences Diagnostic Services including:
  - EEG
  - EMG
  - evoked potential studies (somatosensory, magnetic)
  - sleep studies
  - motor nerve studies
  - sensory nerve condition studies
  - repetitive stimulation
  - neuroscience & head injury program
  - neurology clinic
  - neurosurgery clinic
  - F-Wave
  - H-Reflex
  - epilepsy testing/study/clinic
  - MS class
  - Parkinson class
  - Halo Clinic
  - DBS (Deep Brain Implant) } Pain Management
  - (Spinal Implant Clinic) }

#### Ophthalmology

- need for general use space (exam/consult rooms) **(MSA)**
- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Suite (see page E11) **(MSA)**
- orthoptics clinic
- low vision clinic
- visual field service

- fluorescein/angiography/photography
- retinal & corneal diseases, glaucoma
- psycho-visual testing
- ophthalmic electrodiagnostics
- ultrasonography
- Lions Eye Bank
- laser (argon & YAG) treatments

#### Orthopedics

- need for general use space (exam/consult rooms) **(MSA)**
- pre-op hip arthroplasty class **(MSA)**
- pre-op knee arthroplasty class **(MSA)**
- sports medicine clinic conducted in Physio
- orthopedic clinic **(MSA)**
- foot pain
- appliance application & teaching
- amputee clinic
- cast clinic **(MSA)**
- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Suite (see page E11) **(MSA)**
- gait analysis

#### Otolaryngology

- need for general use space (exam/consult rooms)
- neuro-otology (audiological testing)
- ENG (vestibular testing)
- voice disorders clinic
- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Suite (including removal of polyps, cauterization, myringotomies, biopsies, and endoscopic & stroboscopic exams) (see page E11) **(MSA)**

#### Plastic Surgery

- need for general use space (exam/consult rooms) **(MSA)**
- burns follow-up clinic
- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Unit (see page E11) **(MSA)**

#### Urology

- need for general use space (exam/consult rooms) **(MSA)**
- Medical Day Care (see page E10) **(MSA)**
- Endoscopy Suite including cystoscopy **(MSA)**
- Minor Procedures Suite (vasectomies, biopsies, excision of lesions, etc.) (see page E11) **(MSA)**
- Lithotripsy **(MSA)**

### Vascular Surgery

- need for general use space (exam/consult rooms) **(MSA)**
- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Suite (sclerotherapy, minor amputations, etc.) (see page E11) **(MSA)**
- vascular lab

### Department of Anaesthesia

- need for general use space (exam/consult rooms) **(MSA)**
- Pre-Admission/Clinic **(MSA)**
- Medical Day Care (see page E10) **(MSA)**
- ECT **(MSA)**
- Pain Clinic **(MSA)**

### Department of Family Medicine

- Family Medicine Teaching Unit
- Cystic Fibrosis (adults)

### Department of Obstetrics & Gynecology

#### Obstetrics

- need for general use space (exam/consult rooms) in support of a variety of possible clinics (e.g., breast feeding, hypertension, etc.)
- pre-natal tours **(MSA)**
- pre-natal program **(MSA)**
- labor & delivery outpatient assessment
- welcome home program
- pregnancy diabetic counselling **(MSA)**
- fetal assessment **(MSA)**
- Ultrasound (see page E9) **(MSA)**
- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Suite (see page E11) **(MSA)**

#### Gynecology

- Women's Health Clinics, including:
  - general use space (exam/consult rooms)
  - counselling & treatment of menopause & PMS
  - rape crisis & abuse intervention
  - Regional Sexual Assault Program **(MSA)**
  - colposcopy/hysteroscopy services **(MSA)**
  - minor procedures, including IVF, ovulation induction, therapeutic donor insemination
  - osteoporosis
  - sexual dysfunction
  - adolescent gynecology



- planned parenthood counselling
- office-based infertility testing
- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Suite (see page E11) **(MSA)**

#### **Department of Pediatrics**

- Child Health Clinics, including:
  - allergy & immunology (including asthma)
  - Asthma Clinic **(MSA)**
  - attention deficit disorders (proposed)
  - suspected child abuse & neglect program (SCAN)
  - child abuse/protection program **(MSA)**
  - child abuse identification program
  - cystic fibrosis
  - cleft lip & palate
  - spina bifida
  - Down's syndrome
  - developmental assessment clinic
  - gastroenterology
  - general surgical follow-up
  - visiting pediatrician consultations (including cardiology, diabetes, genetics, neurology, & rheumatology)
  - infant home monitoring
- Medical Day Care (see page E10) **(MSA)**
- Eating Disorders
- Surgical Day Care (see page E10) **(MSA)**
- Minor Procedures Suite (see page E11) **(MSA)**

#### **Department of Psychiatry**

- Day Care Programs **(MSA)**
- ECT **(MSA)**
- Psychiatric Follow-Up Service **(MSA)**
- Psychiatry Depot Clinic
- suicide program

**ACTIVITY BY CLINICAL SUPPORT DEPARTMENTS**

The following list indicates the types of ambulatory care activity by Clinical Support Department that might be considered for location on one or all of the acute care sites.

**Radiology** including:

- full range of outpatient imaging procedures (including urodynamic testing) (**MSA, CGH, MMH**)

**Nuclear Medicine** including:

- full range of outpatient imaging procedures (**MSA**)

**Laboratory Medicine** including:

- full range of outpatient laboratory testing (**MSA**)
- phlebotomy service (**MSA**)

**Therapy Services** including:

- full range of outpatient therapy services (including PT, OT, RT) (**MSA**)
- back class

**Pharmacy** including:

- outpatient dispensing and counselling (**MSA - limited**)

**Social Work** including:

- full range of outpatient and family counselling services (**MSA - limited**)

**Psychology** including:

- full range of outpatient and family dietetic counselling services

**Nutrition & Food Services** including:

- full range of outpatient and family dietetic counselling services (**MSA, CGH, MMH**)

**OTHER AMBULATORY CARE  
ACTIVITY**

Other ambulatory care activity that might be considered for location at one or both of the acute care sites includes:

**Medical Day Care (Pediatric & Adult)** in support of:

General Medicine

- lumbar punctures, glucose tolerance tests, phlebotomies, multiple diagnostic investigations, IV antibiotic therapy, transfusions (**MSA, CGH, MMH, FCH—not lumbar punctures, limited diag. Investigations**)

Cardiology

- cardiac rhythm conversion with drugs (**MSA**)

Dermatology

- phototherapy

Endocrinology

- special endocrine diagnostic & therapeutic procedures, pituitary stimulation

Gastroenterology

- lactose tolerance tests, paracentesis (**MSA**)

Hematology

- bone marrow aspirates (**MSA**)

Infectious Diseases

- duodenal aspirations, treatment of CMV infection (**MSA**)

Nephrology

- kidney function tests

Respiratory Medicine

- thoracentesis (**MSA, CGH**)

Rheumatology

- pulse therapy (**MSA**)

Anaesthesia

- regional block procedures & recovery (**MSA, CGH, MMH**)

Other

- laser treatment
- myelogram (**MSA**)

**Surgical Day Care (Pediatric & Adult)** in support of: **(MSA, CGH, MMH)**

- a variety of day surgery procedures for the following subspecialties:
  - General Surgery
  - Plastic Surgery
  - Ophthalmology
  - Orthopedics
  - Urology-
  - Gynecology
  - Otolaryngology
  - Vascular Surgery **(MSA, CGH only)**
  - Dental (Oral) Surgery
- other procedures to include:
  - therapeutic abortions **(MMH)**
  - hysteroscopies
  - D & C 's **(MSA, CGH, MMH)**
  - outpatient laser treatments
  - selected endoscopies (e.g., laparoscopy, arthroscopy) **(MSA, CGH, MMH)**

\* Brachytherapy included with FVCC.

**Minor Procedures Suite (Pediatric & Adult)** in support of:

- common local or no anaesthesia procedures including:
  - biopsies **(MSA, CGH, MMH)**
  - vasectomies **(MSA, CGH, MMH)**
  - excision of tumours **(MSA, CGH, MMH)**
  - sclerotherapy **(MSA, CGH, MMH)**
  - repair of lacerations or lesions **(MSA, CGH, MMH)**
  - endoscopic exams (sinus services) **(MSA, CGH)**
  - central dressing service **(MSA, CGH, MMH)**
  - varicose veins **(MSA, CGH, MMH)**
  - small hernias **(MSA, CGH, MMH)**

**Other Multidisciplinary / Special Programs**

- Risk Reduction Program including:
  - aneurysms clinic
  - cardiac support group
  - cardiac rehab teaching & support group **(CGH)**
  - cardiosciences program – education
  - cardiosciences program – exercise
  - lipid clinic
- Nutritional Counselling **(MSA, CGH, MMH, FCH)**
- Podiatry
- Bereavement Support Program **(MSA, CGH, MMH, FCH)**
- Native Services
- Home TPN
- Halo Clinic
- HIV Positive Case Management
- Methadone Clinic
- Travel Immunization Clinic
- STD Clinic

Appendices

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**PROGRAM / SERVICE BY LOCATION**

Notation Key:

- Primary program location
- Secondary program location

	MSA	Hospital-Based			Community-Based	
		CGH	MMH	FCH	FVHR Service	Physician's Office
<b>Medicine</b>						
<b>Dedicated Ambulatory Care Area</b>						
Dermatology	●					●
Cardiology	●					
Endocrinology (Diabetic Day Care)	●	●	●	●		
Gastroenterology	●					
Geriatric Medicine	●	●	●			
Nephrology (incl. Hemodialysis, C.A.P.D., I.P.D)						
Neurology	●					
Rehabilitation Medicine						
Respiratory Medicine (incl. PF Labs & Endoscopies)	●					
Multi-Use Ambulatory Care Area (serving Dermatology, Internal Medicine, Hematology, Rheumatology)	●					
<b>Surgery</b>						
<b>Dedicated Ambulatory Care Area</b>						
Vascular & Thoracic	●					
Dentistry						
General Surgery (Enterostomal Therapy)	●					
Ophthalmology	●					
Orthopedics (Cast Clinic/Amputee Clinic)	●					
Otolaryngology						
Urology (Cystoscopy Suite)	●					
Multi-Use Ambulatory Care Area (serving Plastics, Vascular Surgery, Dentistry, Otolaryngology, Orthopedics, Urology)						
<b>Anaesthesia</b>						
<b>Dedicated Ambulatory Care Area</b>						
Pre-Admissions Clinic	●					
<b>Obstetrics &amp; Gynecology</b>						
<b>Dedicated Ambulatory Care Area</b>						
Pregnancy Assessment						
Women's Health	●					
<b>Pediatrics</b>						
<b>Dedicated Ambulatory Care Area</b>						
Multi-Use Ambulatory Care Area (serving Child Health)		○	○	●		
<b>Psychiatry</b>						
<b>Dedicated Ambulatory Care Area (serving Psych Day Programs)</b>						
	●					

Appendices

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	MSA	Hospital-Based			Community-Based	
		CGH	MMH	FCH	FVHR Service	Physician's Office
<b>Radiology</b>						
Dedicated Ambulatory Care Area	●					
<b>Nuclear Medicine</b>						
Dedicated Ambulatory Care Area	●					
<b>Laboratory Medicine</b>						
Dedicated Ambulatory Care Area	●					
<b>Therapy Services</b>						
Dedicated Ambulatory Care Area	●					
<b>Pharmacy</b>						
Dedicated Ambulatory Care Area	●					
<b>Social Work</b>						
Dedicated Ambulatory Care Area	●					
<b>Psychology</b>						
Dedicated Ambulatory Care Area						
<b>Nutrition &amp; Food Services</b>						
Dedicated Ambulatory Care Area	●					
<b>Other</b>						
Dedicated Ambulatory Care Area						
Risk Reduction Program	●					
Medical Day Care	●					
Surgical Day Care	●					
Minor Surgical Procedures	●					
Hostel						
Native Services						
Palliative Care						
<b>Multi-Use Ambulatory Care Area</b>						
Podiatry						
Bereavement Support Program						
Home TPN						
Halo Clinic						
HIV Positive Case Management						
Methadone Clinic						
Travel Immunization Clinic						
Chronic Pain Management						
Head Injury Program						
STD Clinic						

Appendices

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**APPENDIX F – EXISTING BED DISTRIBUTION**

The funded beds (those currently in operation) and total constructed beds (those in place but not currently funded) for the Fraser Valley Health Region acute care facilities as at 31 July 2000 was as follows:

Service	MSA		Chilliwack Gen'l.		Mission Memorial		Fraser Canyon		Total	
	Funded Beds	Constr. Beds	Funded Beds	Constr. Beds	Funded Beds	Constr. Beds	Funded Beds	Constr. Beds	Funded Beds	Constr. Beds
<b>Medicine</b> (or Med/Surg) General Medicine Rheumatology Respirology Gastroenterology Oncology Neurology	88		43	42*(4)**	36	(4)**	16	(10)**	188	
Subtotal, Medicine	88		43	42(4)	36	(4)	16	(10)	188	42(18)
<b>Surgery</b> General Surgery Gynecology Otolaryngology Orthopedics Ophthalmology Vascular/Thoracic Urology Plastics Surgical Short Stay	38	(6)**	37		Incl. in Med				79	
Subtotal, Surgery	42	(6)	37						79	(6)
<b>Pediatrics</b>	18		5		Incl. in Med/Surg				23	
<b>Obstetrics</b> Postpartum/Antepartum Antepartum	21		17		12	Incl. in Med/Surg			50	
Subtotal, Obstetrics	21		17		12				50	
<b>Neonatal</b> Special Care (bassinets)	5								5	
Subtotal, Neonatal	5								5	
<b>Special Care</b> Intensive Coronary Care Telemetry Medical Short Stay	10		8		4				22	
Subtotal, Special Care	10		17		4				31	
<b>Palliative Care</b>										
<b>Psychiatry</b>	20		14						34	
<b>TOTALS</b>	204	(6)	133	42 (4)	52	(4)	16	(10)	405	42(24)

Appendices

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Notes:

- \*42 beds CWK: 28 ready to use but unfunded 16 have been included for Med/Surg, the other 14 have not been included as they are going to be used for Surgical Day Care. Another 28 beds are shelled in and could be constructed for Rehab/Geriatric assessment.
- \*\*() These beds at MSA, Chilliwack, Mission and Hope are unfunded patient beds and the rooms are being used for office space.



**APPENDIX G – DEMOGRAPHY**

**TOTAL POPULATION**

**Population**

The current population of the FVHR is almost a quarter of a million people, as shown below in Figure G1. By the year 2015 the population is projected to be approaching a third of a million.

**Figure G1: Population: 1999, 2000, 2005, 2010 and 2015, FVHR and BC**

Source: PEOPLE 25 - BC Stats, Ministry of Finance and Corporate Relations

Geographic Area	Year				
	1999	2000	2005	2010	2015
32 Hope	8,447	8,386	8,392	8,594	8,761
33 Chilliwack	71,434	72,545	80,626	89,722	99,296
34 Abbotsford	114,859	116,176	127,618	139,601	152,019
75 Mission	37,269	37,841	42,546	49,299	57,268
76 Agassiz - Harrison	8,135	8,227	8,753	9,295	9,843
<b>FVHR</b>	<b>240,144</b>	<b>243,175</b>	<b>267,935</b>	<b>296,511</b>	<b>327,187</b>
<b>British Columbia</b>	<b>4,023,100</b>	<b>4,067,179</b>	<b>4,372,208</b>	<b>4,709,429</b>	<b>5,052,562</b>

**LHA Population as Percent of FVHR**

Local Health Area 34 Abbotsford comprises almost half of the population of FVHR (Figure G2). The relative populations of the LHAs are not projected to change significantly from 2000 to 2015.

**Figure G2: Local Health Area Populations as Percent of FVHR**

Local Health Area	Year			
	2000	2005	2010	2015
32 Hope	3.4%	3.1%	2.9%	2.7%
33 Chilliwack	29.8%	30.1%	30.3%	30.3%
34 Abbotsford	47.8%	47.6%	47.1%	46.5%
75 Mission	15.6%	15.9%	16.6%	17.5%
76 Agassiz - Harrison	3.4%	3.3%	3.1%	3.0%

**Population Growth Rates**

Over the 15 years from 2000 to 2015 FVHR is projected to increase 36.2 percent in population, as compared to 25.6 percent for the Province (Figure G3).

Within the FVHR, LHA 75 Mission, is projected to have the greatest growth, increasing in population 51.3 percent from 2000 to 2015. Next is LHA 32 Chilliwack at 36.9 percent increase, followed by LHA 34 Abbotsford at 30.9 percent. LHA 76 Agassiz-Harrison has a projected population increase of 19.6 percent to 2015, while for LHA 32 Hope, the projected increase is only 4.5 percent.

**Figure G3: Projected Population Growth Rates**

Geographic Area	5 Years			15 Years
	2000-05	2005-10	2010-115	2000-15
32 Hope	0.1%	2.4%	1.9%	4.5%
33 Chilliwack	11.1%	11.3%	10.7%	36.9%
34 Abbotsford	9.8%	9.4%	8.9%	30.9%
75 Mission	12.4%	15.9%	16.2%	51.3%
76 Agassiz - Harrison	6.4%	6.2%	5.9%	19.6%
FVHR	10.2%	10.7%	10.3%	34.5%
British Columbia	7.5%	7.7%	7.3%	24.2%

**POPULATION BY AGE GROUP**

This section presents projected population to the year 2015 by the following age groups: 0-14, 15-44, 45-64, 65-74 and 75 and over.

**Population**

Figure G4 below presents the population of the five FVHR LHAs by age group, as well as the population of BC broken down by age group.

**Figure G4: Populations by Age Group, FVRHD & BC**

Source: PEOPLE 25 - BC Stats, Ministry of Finance and Corporate Relations

Year	0-14	15-44	45-64	65-74	75+	Total
<b>32 Hope</b>						
2000	1,588	3,264	2,101	851	582	8,386
2005	1,464	3,049	2,347	800	732	8,392
2010	1,466	2,953	2,592	779	804	8,594
2015	1,521	2,961	2,590	877	812	8,761
<b>33 Chilliwack</b>						
2000	15,433	30,469	15,237	6,366	5,040	72,545
2005	15,675	33,164	19,381	6,307	6,099	80,626
2010	16,222	35,706	24,071	6,819	6,904	89,722
2015	17,888	38,579	26,952	8,553	7,324	99,296
<b>34 Abbotsford</b>						
2000	25,566	50,814	23,884	8,170	7,742	116,176
2005	26,100	54,562	29,965	8,193	8,798	127,618
2010	26,733	58,073	36,022	9,556	9,217	139,601
2015	28,165	61,636	40,261	12,341	9,616	152,019
<b>75 Mission</b>						
2000	8,574	17,083	8,315	2,214	1,655	37,841
2005	8,495	18,531	11,208	2,416	1,896	42,546
2010	9,234	20,610	14,358	2,963	2,134	49,299
2015	10,798	23,529	16,364	4,172	2,405	57,268
<b>76 Agassiz - Harrison</b>						
2000	1,556	3,602	1,977	695	397	8,227
2005	1,482	3,543	2,428	726	574	8,753
2010	1,430	3,521	2,869	790	685	9,295
2015	1,556	3,496	2,995	1,015	781	9,843
<b>FVHR Total</b>						
2000	52,717	105,232	51,514	18,296	15,416	243,175
2005	53,216	112,849	65,329	18,442	18,099	267,935
2010	55,085	120,863	79,912	20,907	19,744	296,511
2015	59,928	130,201	89,162	26,958	20,938	327,187
<b>BC</b>						
2000	735,948	1,823,894	977,872	285,504	243,961	4,067,179
2005	722,647	1,866,000	1,195,601	306,164	281,796	4,372,208
2010	723,782	1,913,804	1,399,107	361,284	311,452	4,709,429
2015	757,576	1,980,274	1,496,795	476,010	341,907	5,052,562

**Age Distribution of Population**

The LHA with the highest percentage of persons aged 0-14 is LHA 75 Mission, with 22.7 percent. The LHA with the highest percentage of persons aged 65-74 is LHA 32 Hope with 10.1 percent. In addition, LHA 32 Hope is tied with LHA 33 Chilliwack for the highest percentage of persons age 75 and over, at 6.9 percent.

FVHR has a higher percentage of persons aged 0-14 (21.7%) than does BC (18.1%). FVHR also has higher percentages of persons age 65-74 and 75 and over than does BC.

Over the interval from 2000 to 2015 the percentages of persons aged 0-14 and 15-44 are projected to drop in all LHAs, FVHR and BC. Conversely, all LHAs, FVHR and BC are projected to have an increase in the percentage of persons age 45-64 from 2000 to 2015.

All jurisdictions except LHA 32 Hope and LHA 33 Chilliwack are projected to have an increase in the percentage of persons aged 65-74 from 2000 to 2015.

All jurisdictions except LHA 34 Abbotsford and LHA 75 Mission are projected to have an increase in the percentage of persons aged 75 and over from 2000 to 2015

**Figure G5: Age Group Populations as Percent of Total Population**

Year	0-14	15-44	45-64	65-74	75+	Total
<b>32 Hope</b>						
2000	18.9%	38.9%	25.1%	10.1%	6.9%	100.0%
2005	17.4%	36.3%	28.0%	9.5%	8.7%	100.0%
2010	17.1%	34.4%	30.2%	9.1%	9.4%	100.0%
2015	17.4%	33.8%	29.6%	10.0%	9.3%	100.0%
<b>33 Chilliwack</b>						
2000	21.3%	42.0%	21.0%	8.8%	6.9%	100.0%
2005	19.4%	41.1%	24.0%	7.8%	7.6%	100.0%
2010	18.1%	39.8%	26.8%	7.6%	7.7%	100.0%
2015	18.0%	38.9%	27.1%	8.6%	7.4%	100.0%
<b>34 Abbotsford</b>						
2000	22.0%	43.7%	20.6%	7.0%	6.7%	100.0%
2005	20.5%	42.8%	23.5%	6.4%	6.9%	100.0%
2010	19.1%	41.6%	25.8%	6.8%	6.6%	100.0%
2015	18.5%	40.5%	26.5%	8.1%	6.3%	100.0%
<b>75 Mission</b>						
2000	22.7%	45.1%	22.0%	5.9%	4.4%	100.0%
2005	20.0%	43.6%	26.3%	5.7%	4.5%	100.0%
2010	18.7%	41.8%	29.1%	6.0%	4.3%	100.0%
2015	18.9%	41.1%	28.6%	7.3%	4.2%	100.0%
<b>76 Agassiz - Harrison</b>						
2000	18.9%	43.8%	24.0%	8.4%	4.8%	100.0%
2005	16.9%	40.5%	27.7%	8.3%	6.6%	100.0%
2010	15.4%	37.9%	30.9%	8.5%	7.4%	100.0%
2015	15.8%	35.5%	30.4%	10.3%	7.9%	100.0%
<b>FVRHD Total</b>						
2000	21.7%	43.3%	21.2%	7.5%	6.3%	100.0%
2005	19.9%	42.1%	24.4%	6.9%	6.8%	100.0%
2010	18.6%	40.8%	27.0%	7.1%	6.7%	100.0%
2015	18.3%	39.8%	27.3%	8.2%	6.4%	100.0%
<b>BC</b>						
2000	18.1%	44.8%	24.0%	7.0%	6.0%	100.0%
2005	16.5%	42.7%	27.3%	7.0%	6.4%	100.0%
2010	15.4%	40.6%	29.7%	7.7%	6.6%	100.0%
2015	15.0%	39.2%	29.6%	9.4%	6.8%	100.0%

## Population Growth Rates

Figure G6 below presents the projected percent change in population from 2000 to 2015 by age group.

BC is projected to have an increase of only 2.9 percent in the number of persons age 0-14 from 2000 to 2015, while the increase for FVHR is projected to be 13.5 percent.

LHA 32 Hope and LHA 76 Agassiz-Harrison are projected to have no increase or a decrease in the population of the 0-14 and 15-44 age groups. The three other LHAs are projected to have increases in population in these age groups which are well in excess of the increases projected for the Province.

The increase in the population of the 45-64 age group from 2000 to 2015 is projected to be 53.1 percent while from FVHR the projected increase is 73.1 percent. LHA 75 Mission is projected to have an increase in this age group of almost 100 percent.

The increase in population of the 65-74 and 75 and over age groups from 2000 to 2015 is projected to be higher for the Province (66.7% and 40.1% respectively) than for FVHR (47.3% and 35.8% respectively)

In summary, FVHR is projected to grow more quickly than the Province in the 0-14, 15-44 and 45-64 age groups than the Province. The Province is projected to grow more quickly than FVHR in the 65-74 and 75 and over age groups.

Figure G6: Population Growth by Age Group

Year	0-14	15-44	45-64	65-74	75+	Total
<b>32 Hope</b>						
2000-05	-7.8%	-6.6%	11.7%	-6.0%	25.8%	0.1%
2005-10	0.1%	-3.1%	10.4%	-2.6%	9.8%	2.4%
2010-15	3.8%	0.3%	-0.1%	12.6%	1.0%	1.9%
<b>2000-15</b>	<b>-4.2%</b>	<b>-9.3%</b>	<b>23.3%</b>	<b>3.1%</b>	<b>39.5%</b>	<b>4.5%</b>
<b>33 Chilliwack</b>						
2000-05	1.6%	8.8%	27.2%	-0.9%	21.0%	11.1%
2005-10	3.5%	7.7%	24.2%	8.1%	13.2%	11.3%
2010-15	10.3%	8.0%	12.0%	25.4%	6.1%	10.7%
<b>2000-15</b>	<b>15.9%</b>	<b>26.6%</b>	<b>76.9%</b>	<b>34.4%</b>	<b>45.3%</b>	<b>36.9%</b>
<b>34 Abbotsford</b>						
2000-05	2.1%	7.4%	25.5%	0.3%	13.6%	9.8%
2005-10	2.4%	6.4%	20.2%	16.6%	4.8%	9.4%
2010-15	5.4%	6.1%	11.8%	29.1%	4.3%	8.9%
<b>2000-15</b>	<b>10.2%</b>	<b>21.3%</b>	<b>68.6%</b>	<b>51.1%</b>	<b>24.2%</b>	<b>30.9%</b>
<b>75 Mission</b>						
2000-05	-0.9%	8.5%	34.8%	9.1%	14.6%	12.4%
2005-10	8.7%	11.2%	28.1%	22.6%	12.6%	15.9%
2010-15	16.9%	14.2%	14.0%	40.8%	12.7%	16.2%
<b>2000-15</b>	<b>25.9%</b>	<b>37.7%</b>	<b>96.8%</b>	<b>88.4%</b>	<b>45.3%</b>	<b>51.3%</b>
<b>76 Agassiz - Harrison</b>						
2000-05	-4.8%	-1.6%	22.8%	4.5%	44.6%	6.4%
2005-10	-3.5%	-0.6%	18.2%	8.8%	19.3%	6.2%
2010-15	8.8%	-0.7%	4.4%	28.5%	14.0%	5.9%
<b>2000-15</b>	<b>0.0%</b>	<b>-2.9%</b>	<b>51.5%</b>	<b>46.0%</b>	<b>96.7%</b>	<b>19.6%</b>
<b>FVHR Total</b>						
2000-05	0.9%	7.2%	26.8%	0.8%	17.4%	10.2%
2005-10	3.5%	7.1%	22.3%	13.4%	9.1%	10.7%
2010-15	8.8%	7.7%	11.6%	28.9%	6.0%	10.3%
<b>2000-15</b>	<b>13.7%</b>	<b>23.7%</b>	<b>73.1%</b>	<b>47.3%</b>	<b>35.8%</b>	<b>34.5%</b>
<b>BC</b>						
2000-05	-1.8%	2.3%	22.3%	7.2%	15.5%	7.5%
2005-10	0.2%	2.6%	17.0%	18.0%	10.5%	7.7%
2010-15	4.7%	3.5%	7.0%	31.8%	9.8%	7.3%
<b>2000-15</b>	<b>2.9%</b>	<b>8.6%</b>	<b>53.1%</b>	<b>66.7%</b>	<b>40.1%</b>	<b>24.2%</b>

## Gender

This section describes the existing and projected gender ratio. Gender ratio is arrived at by dividing the number of female persons by the number of male persons and multiplying by 100. For example, a gender ratio of 103 would mean that there were 103 females for every 100 males.

Figure G7 below shows the gender ratio by age group for the 5 FVHR LHAs, VHR and BC. In general, the gender ratio increases with age, reflecting the fact that more boys are born than girls, males have higher mortality rates and males have lower life expectancy than females.

Almost all of gender ratios for the 0-14 age group are less than 100, indicating more boys than girls. Gender ratios for the 15-44

age group are relatively close to 100, with the exception of LHA 76 Agassiz-Harrison, which shows gender ratios of less than 80.

Gender ratios for the 45-64 age group are relatively close to 100, again with the exception of Agassiz-Harrison. Gender ratios for the 65-74 age group are over 100, with the exception of LHA 32 Hope, which has a relatively low gender ratio for this age group. For the oldest age group, 75 and over, the gender ratio is between 125 and 140, indicating many more females than males. The exception, again LHA 32 Hope, with a gender ratio which falls markedly from 2000 to 2015.

Over the projection period from 2000 to 2015, gender ratios increase for all jurisdictions shown below except LHA 32 Hope.

**Figure G7: Gender Ratios, FVRHD and BC**

Source: PEOPLE 25, BC STATS

Year	0-14	15-44	45-64	65-74	75+	Total
<b>32 Hope</b>						
2000	101.3	97.6	97.6	83.4	134.7	98.9
2005	95.5	98.4	99.7	88.2	104.5	97.7
2010	100.8	96.1	99.2	95.7	89.6	97.2
2015	94.5	98.2	100.3	93.6	86.2	96.5
<b>33 Chilliwack</b>						
2000	94.8	98.8	103.4	107.4	148.4	102.4
2005	93.9	100.4	103.0	106.8	148.5	103.2
2010	93.4	102.0	101.8	109.4	145.5	103.6
2015	93.2	102.2	103.6	106.8	145.3	103.9
<b>34 Abbotsford</b>						
2000	94.2	95.0	104.9	115.9	145.0	100.9
2005	94.6	96.5	101.3	116.2	147.7	101.2
2010	94.5	98.7	99.2	112.1	144.7	101.3
2015	94.9	98.6	99.3	109.6	145.9	101.4
<b>75 Mission</b>						
2000	89.8	97.7	91.9	97.0	136.1	95.9
2005	91.4	99.2	92.6	104.6	133.2	97.4
2010	89.8	100.5	95.3	112.2	140.0	98.9
2015	89.0	101.6	98.3	108.7	150.5	100.2
<b>76 Agassiz - Harrison</b>						
2000	94.0	68.2	79.2	97.4	140.6	80.3
2005	96.0	70.4	82.7	100.0	131.5	83.3
2010	100.3	74.3	79.3	114.7	126.8	85.8
2015	99.0	79.0	79.2	108.0	126.4	87.9
<b>Total</b>						
2000	93.8	95.5	100.8	108.0	144.6	99.7
2005	93.9	97.1	99.4	109.4	143.8	100.4
2010	93.7	99.1	98.5	110.7	141.0	101.0
2015	93.4	99.6	99.7	107.9	142.4	101.4
<b>BC</b>						
2000	94.7	98.5	100.5	106.0	154.6	101.4
2005	94.7	99.0	101.2	105.2	147.3	101.8
2010	94.7	99.7	101.5	106.5	139.8	102.2
2015	94.7	100.1	102.3	106.3	136.4	102.6

Figure G8 below presents the population figures from which the gender ratios were calculated.

Appendices

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**Figure G8: Population by Age Group and Sex, FVRHD and BC**

Source: PEOPLE 25, BC STATS

Year	Sex	0-14	15-44	45-64	65-74	75+	Total
<b>34 Abbotsford</b>							
2000	F	12,398	24,758	12,225	4,385	4,582	58,348
	M	13,168	26,056	11,659	3,785	3,160	57,828
2005	F	12,685	26,792	15,076	4,404	5,246	64,203
	M	13,415	27,770	14,889	3,789	3,552	63,415
2010	F	12,985	28,841	17,941	5,050	5,451	70,268
	M	13,748	29,232	18,081	4,506	3,766	69,333
2015	F	13,717	30,602	20,064	6,452	5,705	76,540
	M	14,448	31,034	20,197	5,889	3,911	75,479
<b>75 Mission</b>							
2000	F	4,056	8,443	3,983	1,090	954	18,526
	M	4,518	8,640	4,332	1,124	701	19,315
2005	F	4,057	9,227	5,389	1,235	1,083	20,991
	M	4,438	9,304	5,819	1,181	813	21,555
2010	F	4,370	10,332	7,005	1,567	1,245	24,519
	M	4,864	10,278	7,353	1,396	889	24,780
2015	F	5,084	11,855	8,111	2,173	1,445	28,668
	M	5,714	11,674	8,253	1,999	960	28,600
<b>76 Agassiz - Harrison</b>							
2000	F	754	1,461	874	343	232	3,664
	M	802	2,141	1,103	352	165	4,563
2005	F	726	1,464	1,099	363	326	3,978
	M	756	2,079	1,329	363	248	4,775
2010	F	716	1,501	1,269	422	383	4,291
	M	714	2,020	1,600	368	302	5,004
2015	F	774	1,543	1,324	527	436	4,604
	M	782	1,953	1,671	488	345	5,239
<b>BC</b>							
2000	F	357,916	904,898	490,047	146,930	148,152	2,047,943
	M	378,032	918,996	487,825	138,574	95,809	2,019,236
2005	F	351,441	928,122	601,300	156,943	167,824	2,205,630
	M	371,206	937,878	594,301	149,221	113,972	2,166,578
2010	F	352,104	955,386	704,831	186,357	181,566	2,380,244
	M	371,678	958,418	694,276	174,927	129,886	2,329,185
2015	F	368,561	990,866	756,826	245,319	197,246	2,558,818
	M	389,015	989,408	739,969	230,691	144,661	2,493,744
<b>32 Hope</b>							
2000	F	799	1,612	1,038	387	334	4,170
	M	789	1,652	1,063	464	248	4,216
2005	F	715	1,512	1,172	375	374	4,148
	M	749	1,537	1,175	425	358	4,244
2010	F	736	1,447	1,291	381	380	4,235
	M	730	1,506	1,301	398	424	4,359
2015	F	739	1,467	1,297	424	376	4,303
	M	782	1,494	1,293	453	436	4,458
<b>33 Chilliwack</b>							
2000	F	7,512	15,141	7,745	3,296	3,011	36,705
	M	7,921	15,328	7,492	3,070	2,029	35,840
2005	F	7,590	16,611	9,836	3,257	3,645	40,939
	M	8,085	16,553	9,545	3,050	2,454	39,687
2010	F	7,836	18,026	12,140	3,563	4,092	45,657
	M	8,386	17,680	11,931	3,256	2,812	44,065
2015	F	8,630	19,496	13,715	4,417	4,338	50,596
	M	9,258	19,083	13,237	4,136	2,986	48,700
<b>Total FVRHD</b>							
2000	F	25,519	51,415	25,865	9,501	9,113	121,413
	M	27,198	53,817	25,649	8,795	6,303	121,762
2005	F	25,773	55,606	32,572	9,634	10,674	134,259
	M	27,443	57,243	32,757	8,808	7,425	133,676
2010	F	26,643	60,147	39,646	10,983	11,551	148,970
	M	28,442	60,716	40,266	9,924	8,193	147,541
2015	F	28,944	64,963	44,511	13,993	12,300	164,711
	M	30,984	65,238	44,651	12,965	8,638	162,476