

CAPHC-CPDSN & CIHI Portal

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**CHILDREN'S & WOMEN'S HEALTH
CENTRE OF BRITISH COLUMBIA**

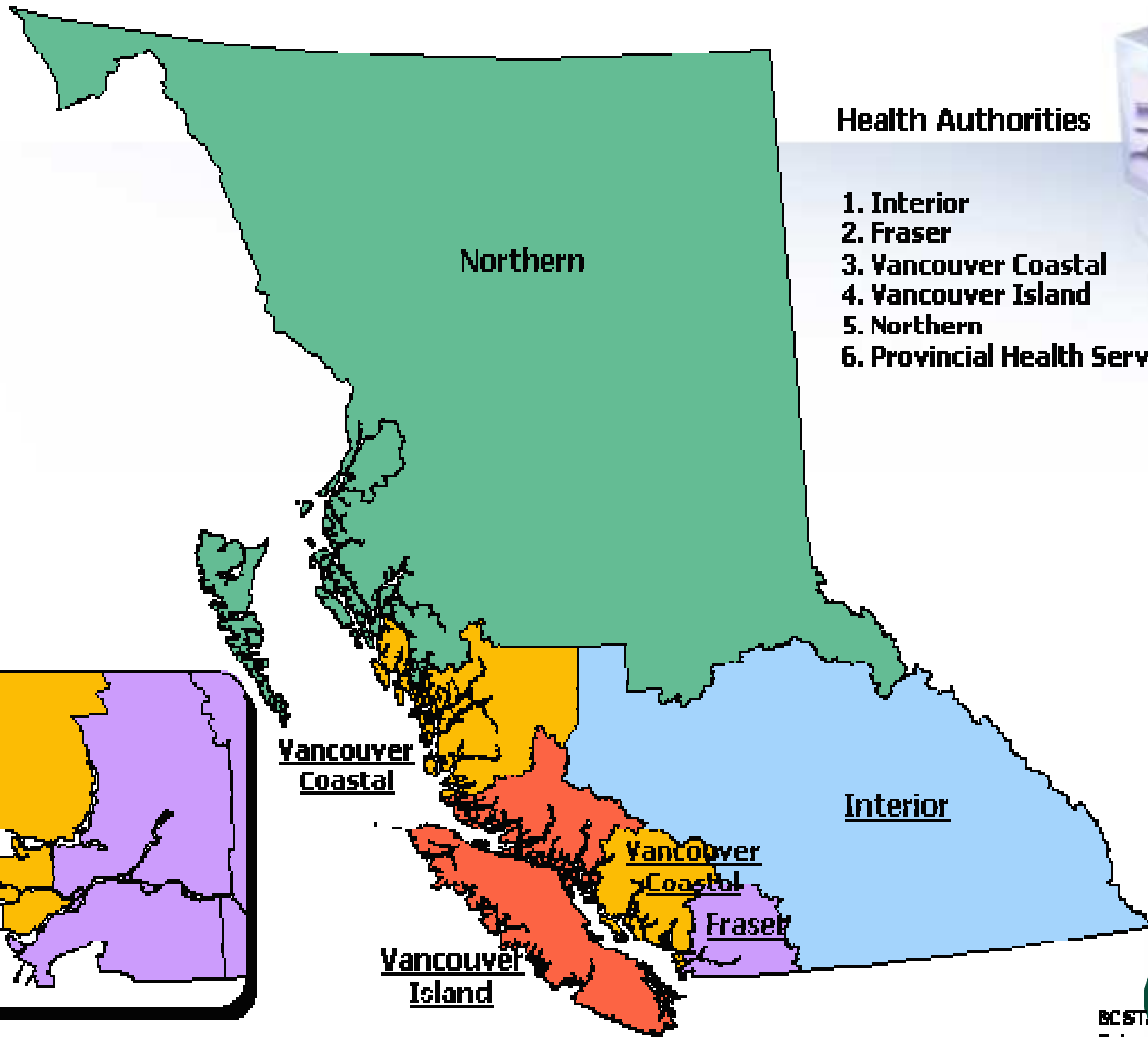
AN AGENCY OF THE PROVINCIAL HEALTH SERVICES AUTHORITY







For Sale
\$3,500,000



Health Authorities

1. Interior
2. Fraser
3. Vancouver Coastal
4. Vancouver Island
5. Northern
6. Provincial Health Service





An agency of the



**Provincial Health
Services Authority**

Province-wide solutions.
Better health.



BC Children's Activity

Inpatient Beds

74 Med / Surg / Onc

18 PICU

57 NICU

32 Mental Health

14 Rehab

Outpatient/Outreach

105,000 – 110,000 annual visits

Our Business



- ✓ 168,000 visits by each year
- ✓ The only paediatric health centre and teaching hospital in BC
- ✓ 1,100 children treated each year at BC Children's Paediatric Intensive Care Unit
- ✓ 38,000 Emergency Department visits annually
- ✓ 1,200 children treated annually at BC Women's Neonatal Intensive Care Unit
- ✓ Most comprehensive renal team in western Canada, ~ 14 kidney transplants each year.
- ✓ BC Children's treats more than 8,000 youngsters with cancer on an outpatient basis.
- ✓ Nearly 20 bone marrow transplants performed each year
- ✓ 54,000 diagnostic imaging procedures conducted in Radiology
- ✓ 2,345,492 laboratory tests and 261,075 prescriptions annually



CIHI Submissions



Discharge Abstract Database

- 7,000 Inpatients
- 6,000 Surgical Daycare

Emergency Department

- NACRS piloted elsewhere in BC
- Customized database used at BCCH



Decision Support Services



A PHSA Corporate Service

- 2 Clinical Service Teams (Children's & Women's)
- Coding & Abstracting Team
- Data Integration Team
- Corporate Reporting Team (MIS, WMS)
- PHSA Performance Measurement & Reporting
- Business Intelligence Team



Decision Support Services Mandate



- Clinical Consultants interface with the clients
- The team produces performance & quality monitoring reports
- Adhoc reports for clinicians and operational leaders
- Provide informatics support for hospital based project
- Liaise with external clients (MoH, other HAs, provincial service teams, consultants)



Life in the Pre-Portal World



- ✓ MoH dataset
 - Delivery time
 - Limited access to other data
 - Flat file vs relational tables

- ✓ Benchmarking & Comparators
 - Getting in touch with your neighbours
 - Refreshing the data
 - Confirming definitions

- ✓ Historical changes in the DAD
 - Provincial or national changes



Early Experience with the CAPHC-CPDSN Portal



- ✓ Benchmarks for performance monitoring
 - Identification of best practices

- ✓ Confirming definitions for key performance indicators
 - Why does my rate not match yours?

- ✓ Our Top 10 List
 - ALOS, # of Cases
 - Target facilities that might best match out population



Challenges with the Portal Environment



- ✓ Grouping requires standard queries
- ✓ Access limited to one analyst at present
- ✓ Practice, practice, practice
- ✓ Internally seen as a routine cost of doing business



Future Opportunities



- ✓ Increased access to DAD & other CIHI databases
- ✓ Canadian performance targets based on current data
- ✓ Geographic mapping of children's health:
 - Occurrence rates
 - Provision of service
 - Which children respond differently?
- ✓ Decreased turn-around time for projects



Future Opportunities



- ✓ Creating an accessible & level playing field for clinicians
 - Comparing apples with apples

- ✓ CIHI leading the way
 - Making inter-facility & inter-provincial datasets available to operational leaders via their agency-based analysts
 - Involving Decision Support professionals in the design and implementation of the portal



CAPHC-CPDSN & CIHI Portal



2007 CAPHC Annual Conference Theme:

***“Strategies that are making
a difference”***

