BRITISH COLUMBIA | Ministry of Health

HEALTH AUTHORITY APPLICATION FOR DATA FOR EVALUATION AND PLANNING PURPOSES FROM THE MINISTRY OF HEALTH

HEALTH SYSTEM MATRIX

Submit this completed form to the email address:
HealthDataCentral@gov.bc.ca

Questions about the request process or any part of this application may be directed to the email address above.

MINISTRY OF HEALTH USE ONLY	
File Number	Date Received
ISP Appendix	

PROJECT TITLE

APPLIES TO COHORT(S)

DATE RANGE

From (yyyy/mm/dd)

To (yyyy/mm/dd)

OTHER DATE RANGE CRITERIA

HEALTH SYSTEM MATRIX

Description

The Health System Matrix (HSM) is the BC Ministry of Health's approach to understanding health care needs of the province's residents and summarizing information from multiple databases into a single, person specific source. In the Health System Matrix, definitions and insights evolve from version to version as updates are available and as further insights are gained. Therefore, generally, comparisons should be made within a Matrix version, and not between Matrix versions.

To see detailed descriptions of HSM variables and variable categories included in this checklist, please see the HSM data dictionary available at: https://www2.gov.bc.ca/assets/gov/health/forms/5511datadictionary.pdf

To request HSM data mark the variable/variable category on the left. If you require all the variables in a variable category, also mark that variable category on the right. If you do not require all the variables listed in the Data Dictionary under variable categories, please only mark the appropriate variable category on the left and attach the list of variables that you require to this form.

WHEN REQUESTING DATA WITH PHNS DETAILED REASON FOR REQUESTING IS MANDATORY.

(Please use additional sheets of paper if necessary)

A. TIME AND PERSON IDENTIFIERS

DESCRIPTION	VARIABLE NAMES	REASON FOR REQUEST
Time Identifier		
☐ Fiscal Year	FISCAL_YEAR	
Person Identifiers (when linking HSM to non-merged PHNs, merged and alternative PHNs are needed)		
☐ Merged PHN	PHN	
☐ Alternative PHNs (generated if requested)	PHN_ALTERNATIVE_LIST	
☐ Anonymized Identifier - Study ID (generated if requested)	PHN_STUDY_ID	

B. INFORMATION ABOUT BC RESIDENT

DESCRIPTION	VARIABLE NAMES	REASON FOR REQUEST
Demographics		
☐ 5 year age group	AGE_GROUP_5YR	
☐ 5 year age groups with the 15-19 age group split between child/ youth (15-17) and adult (18-19)	AGE_GROUP_BM	
☐ Broad age group (0-17, 18-49, 50-64, 65-74, 75+)	AGE_GROUP_BROAD_BM	
☐ Gender	GENDER	
☐ Forward Sortation Area - First 3 digits of postal code of usual residence (generated if requested)	FSA	
☐ Postal Code of usual residence	POSTAL_CODE	
☐ Local Health Area of usual residence	LHA	
☐ Health Service Delivery Area of usual residence	HSDA	
☐ Health Authority of usual residence	HA	
☐ Born during the fiscal year flag	BORN_IN_PERIOD_FLG	
☐ Died during the fiscal year flag	DIED_IN_PERIOD_FLG	
☐ Days alive in a fiscal year	DAYS_ALIVE	

DESCRIPTION	VARIABLE NAMES	REASON FOR REQUEST
New Location Variables (available from fiscal year 2015/16)		
☐ Community Health Service Area of usual residence (derived from street address) (generated if requested)	CHSA_v1_1	
☐ Local Health Area of usual residence (derived from street address) , with new numbering scheme applied (generated if requested)	LHA_v1_1	
☐ Health Service Delivery Area of usual residence (derived from street address) (generated if requested)	HSDA_v1_1	
☐ Health Authority of usual residence (derived from street address) (generated if requested)	HA_v1_1	

C. HEALTH CHARACTERISTICS

VARIABLE CATEGORY	REASON FOR REQUESTING	ALL VARIABLES?
☐ Population Segments (Overlapping)		☐
☐ Previous Fiscal Year's Population Segments (Overlapping)		☐
☐ Population Segment (Unique)		☐
☐ Previous Fiscal Year's Population Segment (Unique)		☐
☐ GP / NP Attachment		☐
☐ Chronic Conditions		☐
☐ Residential Care Indicators		☐
☐ Medication Use Indicators		☐

D. INFORMATION BY BROAD CATEGORY OF SERVICES

(Choose this if you are only interested in conventional cost aggregates – residential care, emergency, laboratory and diagnostics, hospital, home and community care, medications, physician care.)

VARIABLE CATEGORY	REASON FOR REQUESTING	ALL VARIABLES?
☐ Cost by Broad Category of Services		☐

E. INFORMATION BY SERVICE LINE (ALL TYPES OF SERVICES AND MEASURES COMBINED)

(Choose this if you are only interested in HSM service line aggregate spending and do not need further disaggregation of service lines by type of service or measure. Service lines are much more detailed than broad category of services (Group D) which you may also consider requesting to see aggregations by conventional categories of services.)

VARIABLE CATEGORY	REASON FOR REQUESTING	ALL VARIABLES?
☐ Cost by Combined Service Lines		☐

F. INFORMATION BY SERVICE LINE AND TYPE OF SERVICE/MEASURE

(Choose this if you want to see all the components that constitute each service line. Also you may consider requesting information by broad categories of service (Group D) to see aggregations by conventional categories of services.)

VARIABLE CATEGORY	REASON FOR REQUESTING	ALL VARIABLES?
☐ Cost by Service Lines and Type of Service/Measure		☐
☐ Utilization by Service Lines and Type of Service/Measure		☐

G. MSP PHYSICIAN INFORMATION

(Choose if you need to see physician care information obtained from Medical Service Plan)

VARIABLE CATEGORY	REASON FOR REQUESTING	ALL VARIABLES?
☐ General Physician Information		☐
☐ GP Information		☐
☐ Specialist Information		☐