

# Alcohol, Tobacco and Illicit Drugs

## Hospitalizations and Deaths in British Columbia

### 2002 – 2011

Data and selected graphics are courtesy of the Centre for Addictions Research of BC

University of Victoria

Alcohol and Other Drug Monitoring Project

October 2013

<http://www.carbc.ca>

Prepared by James Haggerstone, Northern Health

Revised February 2014

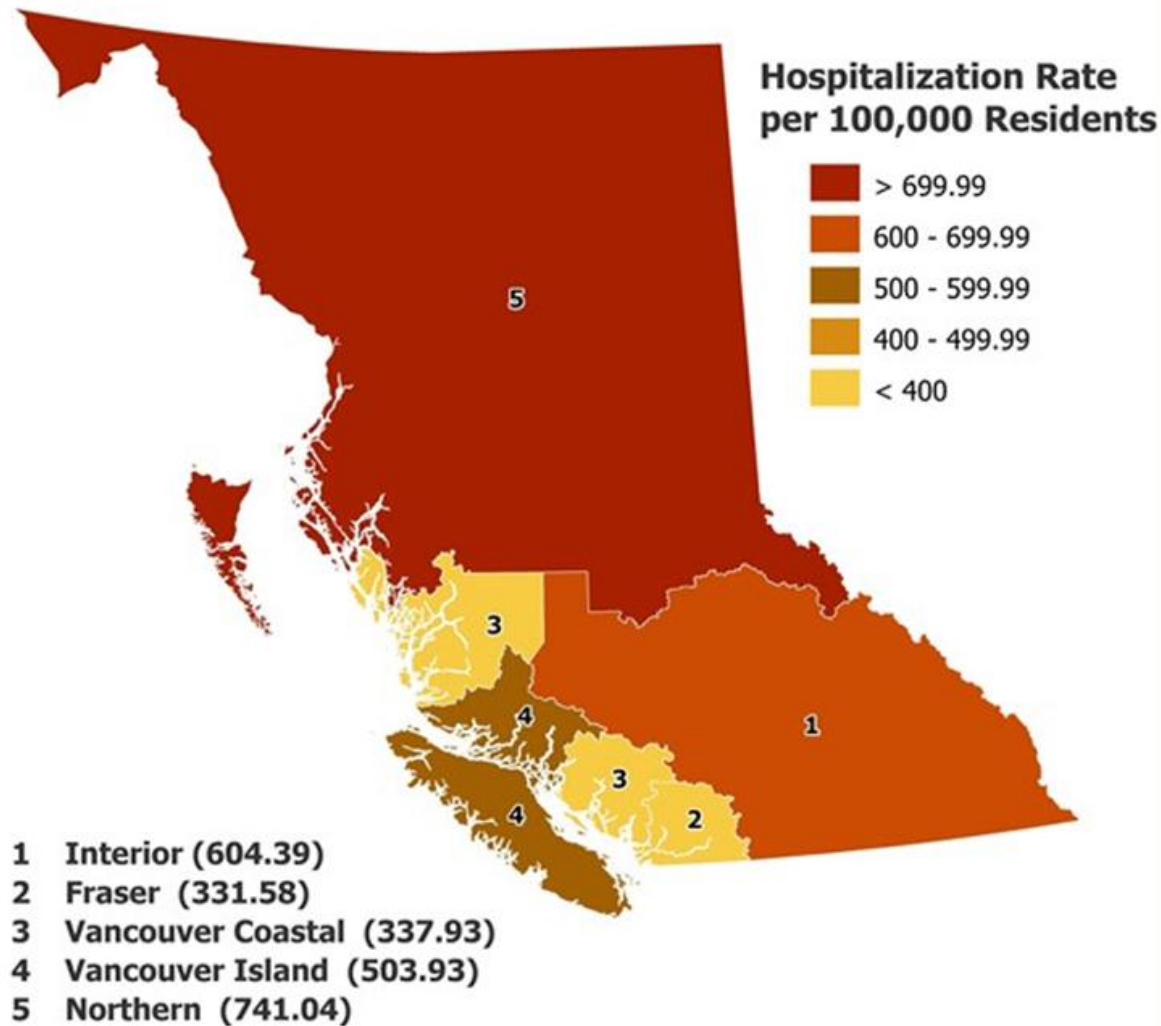
# Alcohol Attributable Hospitalizations and Deaths

In 2011 Northern Health Authority had the highest rate of hospitalizations in BC for conditions related to alcohol followed by Interior Health Authority, Vancouver Island, Vancouver Coastal Health Authority and Fraser Health Authority.

In 2011, Northern Health Authority had the highest rate of deaths (mortality) for conditions related to alcohol use in BC, followed by Interior, Vancouver Island, Vancouver Coastal and Fraser health authorities.

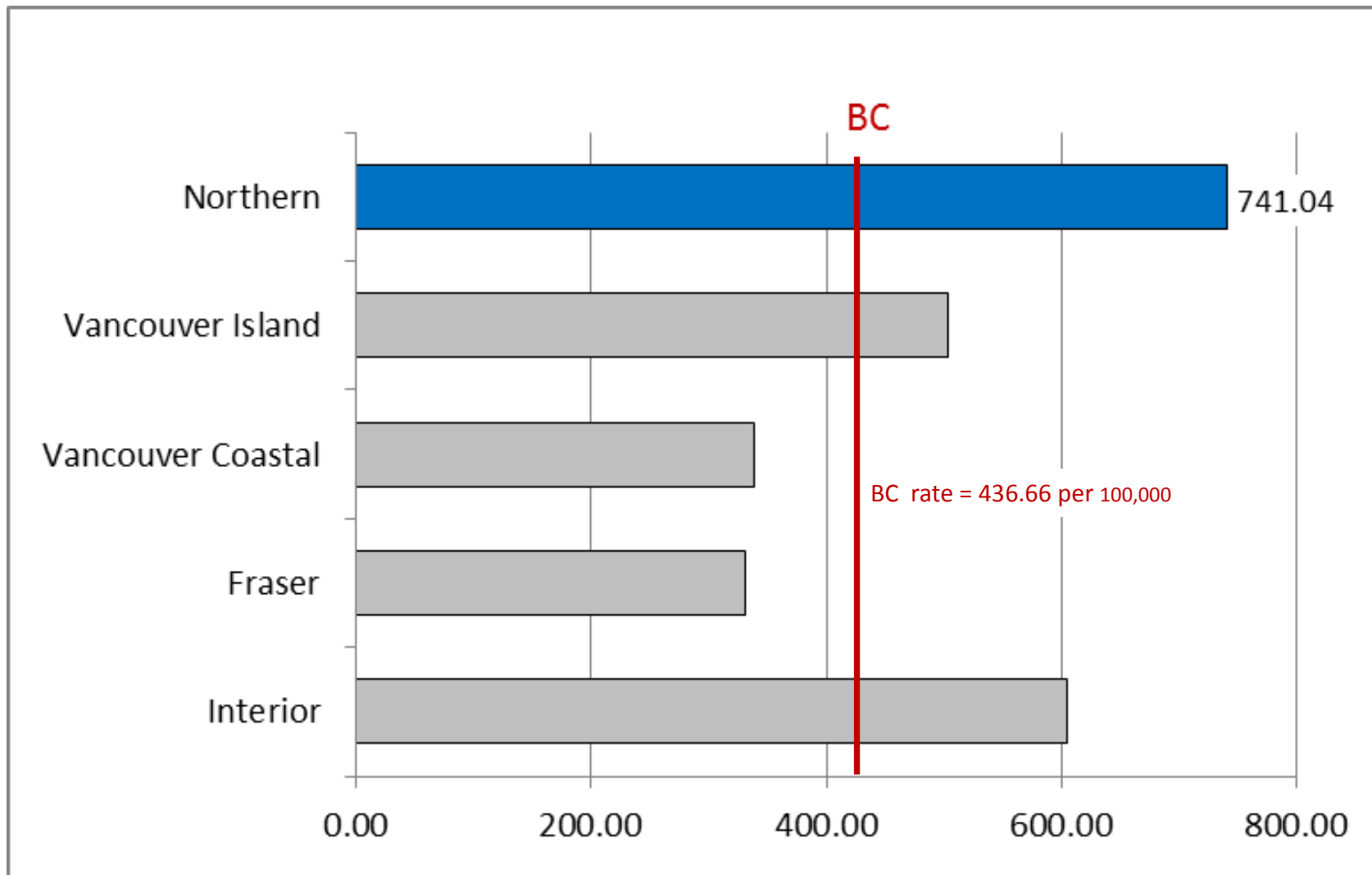
# Hospitalization Rates Attributable to Alcohol 2011

Standardized rate per 100,000 residents



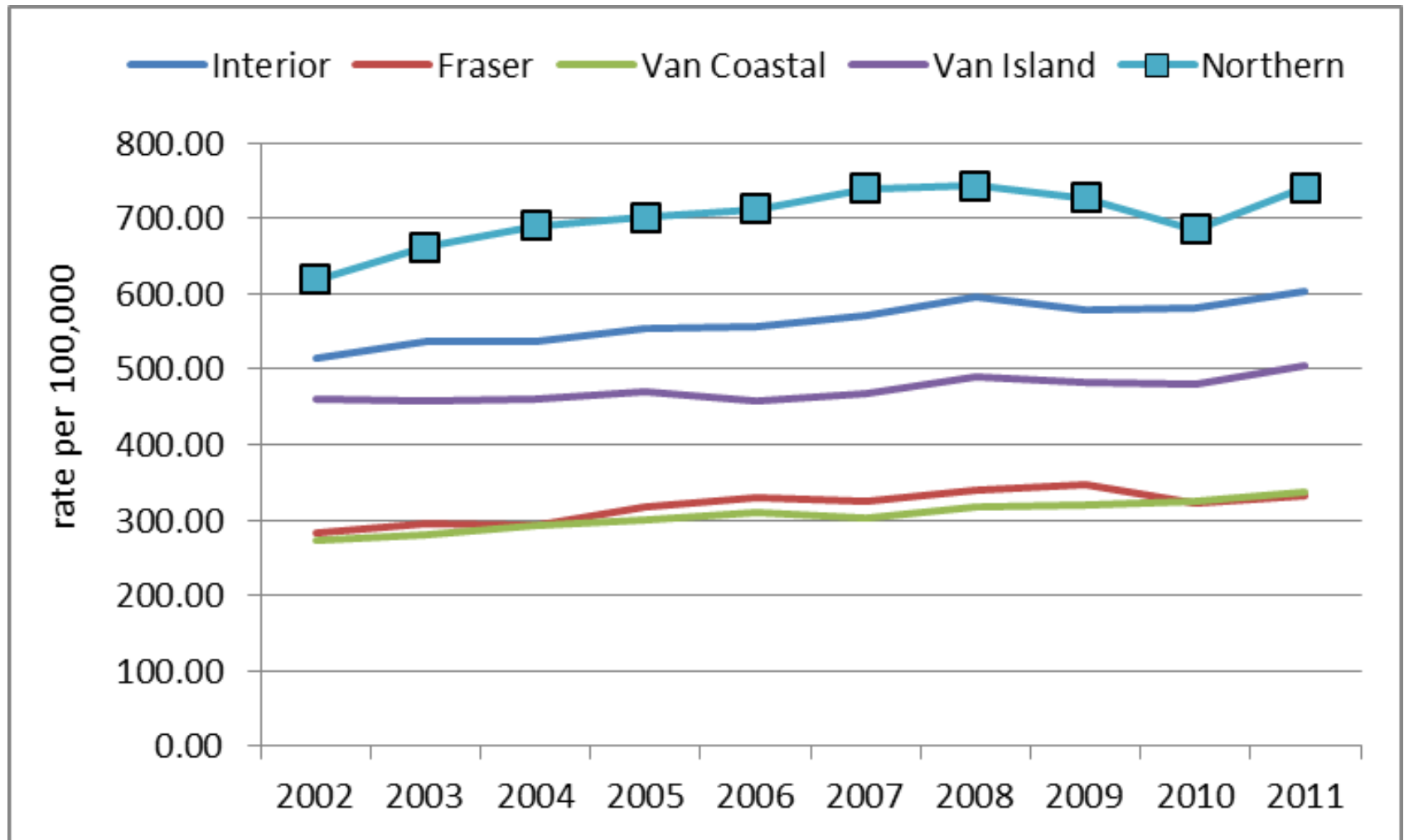
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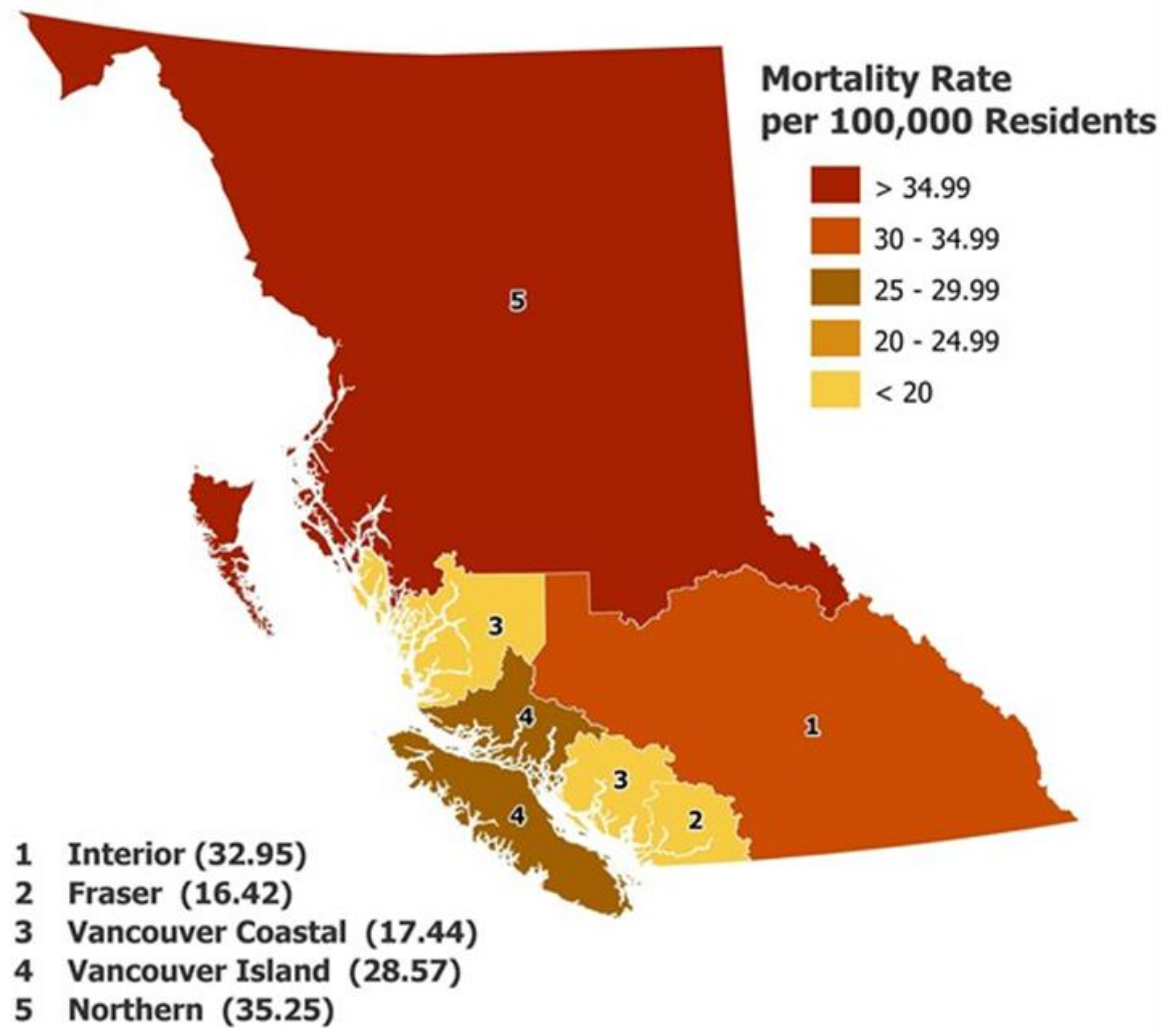
# Hospitalization Rates Attributable to Alcohol 2002 - 2011

Standardized rate per 100,000 residents



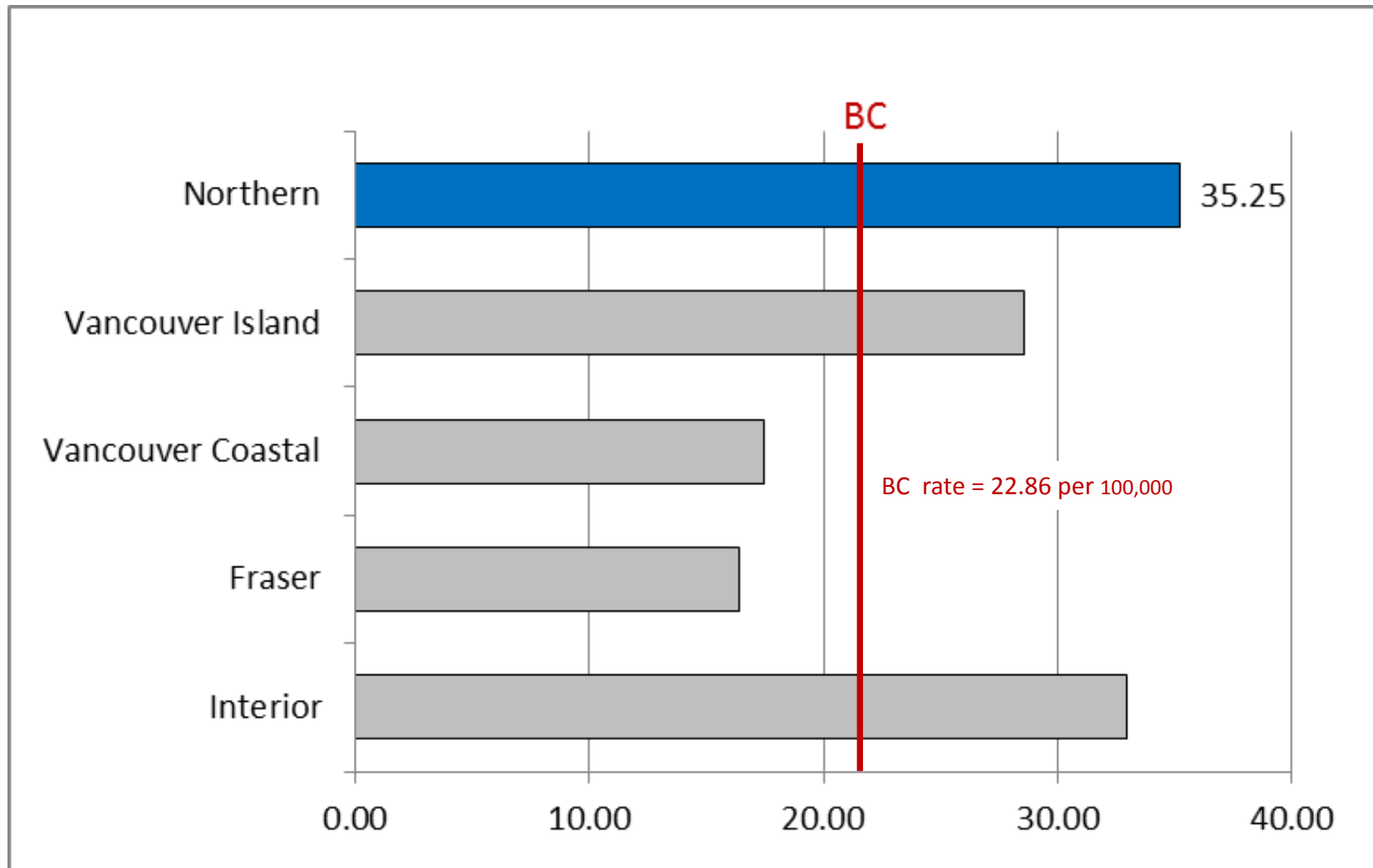
# Mortality Rates Attributable to Alcohol 2011

## Standardized rate per 100,000 residents



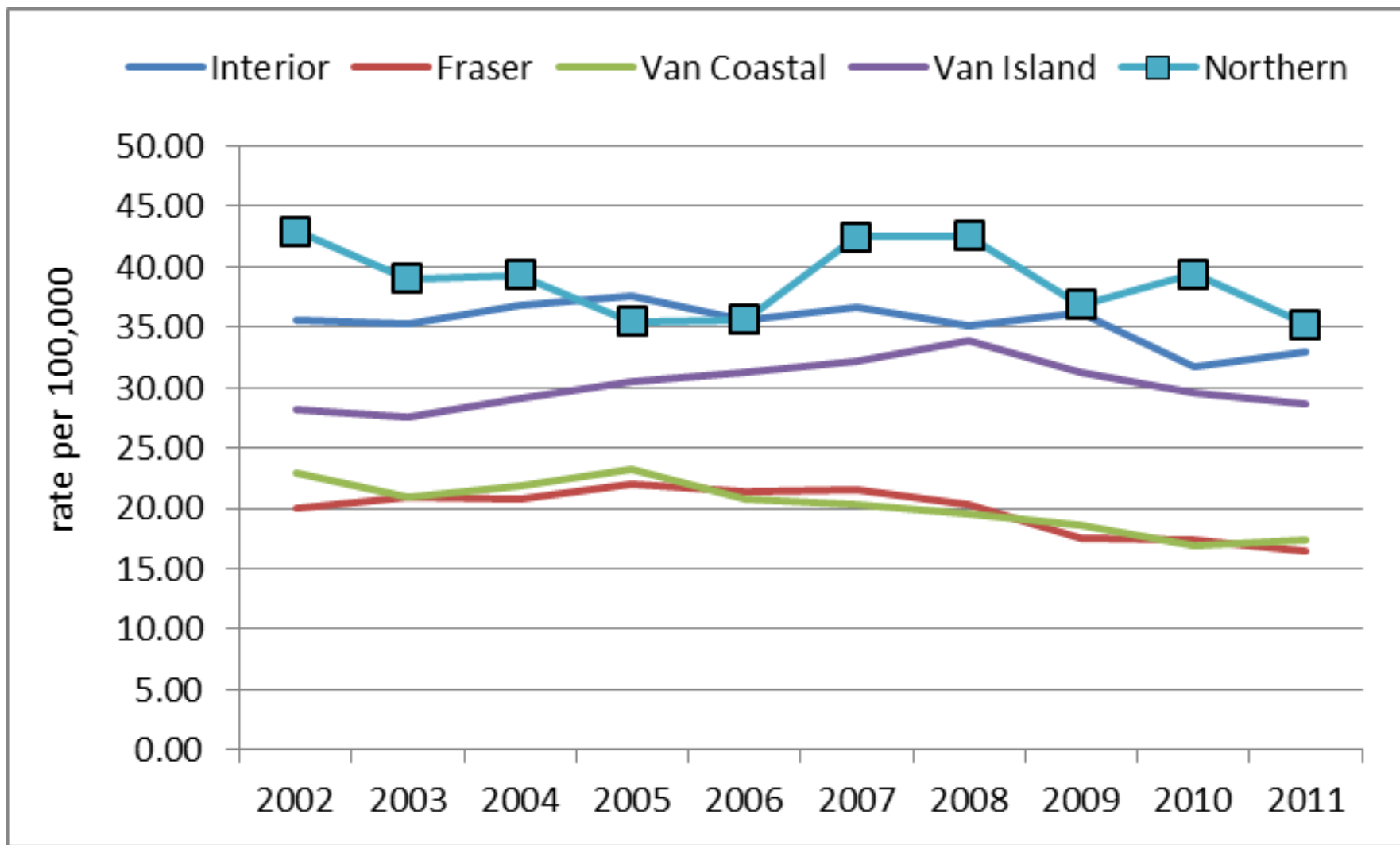
# Mortality Rates Attributable to Alcohol 2011

## Standardized rate per 100,000 residents



# Mortality Rates Attributable to Alcohol 2002 - 2011

Standardized rate per 100,000 residents





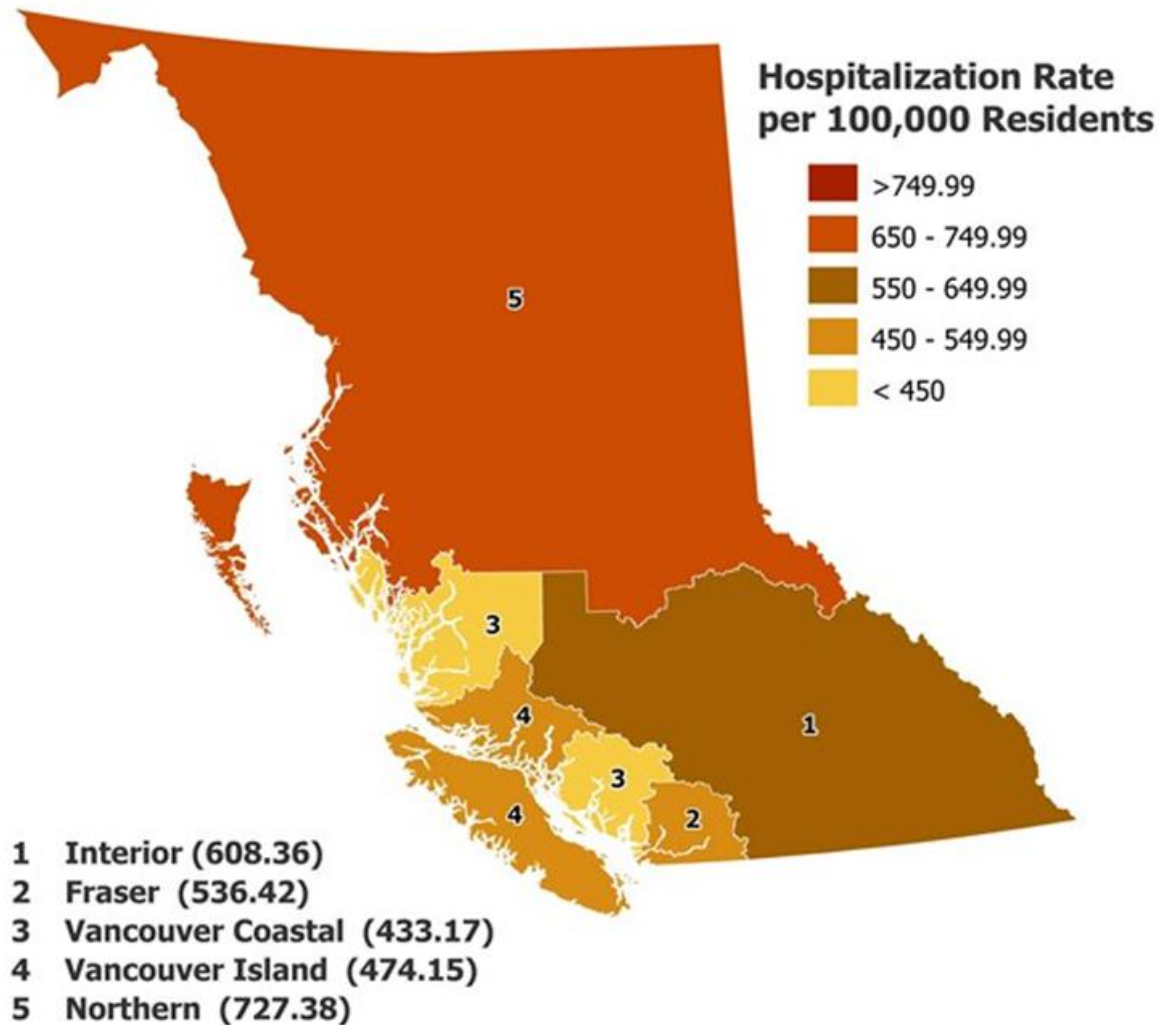
# Tobacco Attributable Hospitalizations and Deaths

In 2011, Northern Health Authority had the highest overall rate of hospital discharges for conditions related to tobacco use followed by Interior, Fraser, Vancouver Island and Vancouver Coastal health authorities.

In 2011, Northern Health Authority had the highest rate of deaths attributable to tobacco related conditions,. followed by Interior, Vancouver Island, Fraser and Vancouver Coastal health authorities.

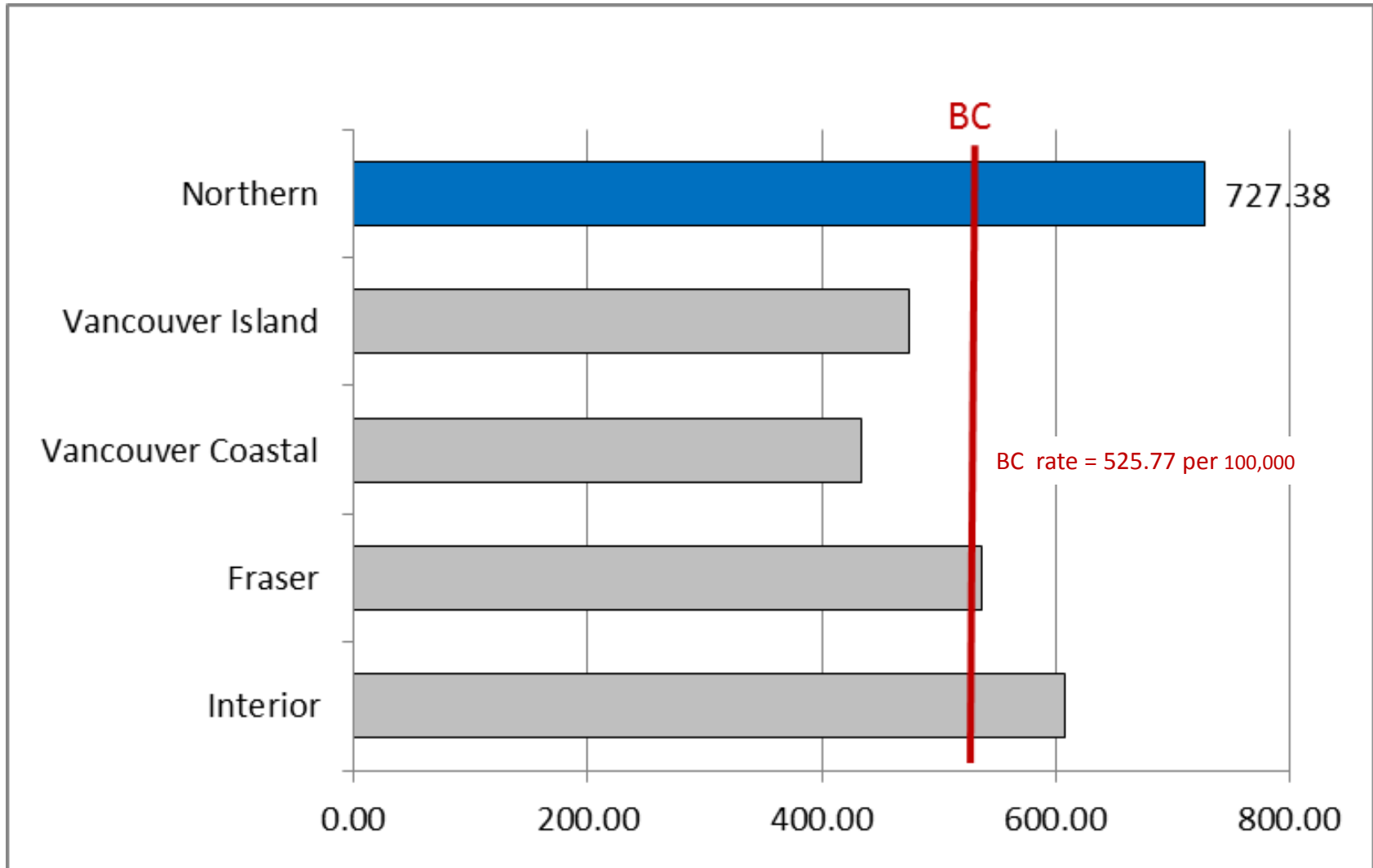
# Hospitalization Rates Attributable to Tobacco 2011

## Standardized rate per 100,000 residents



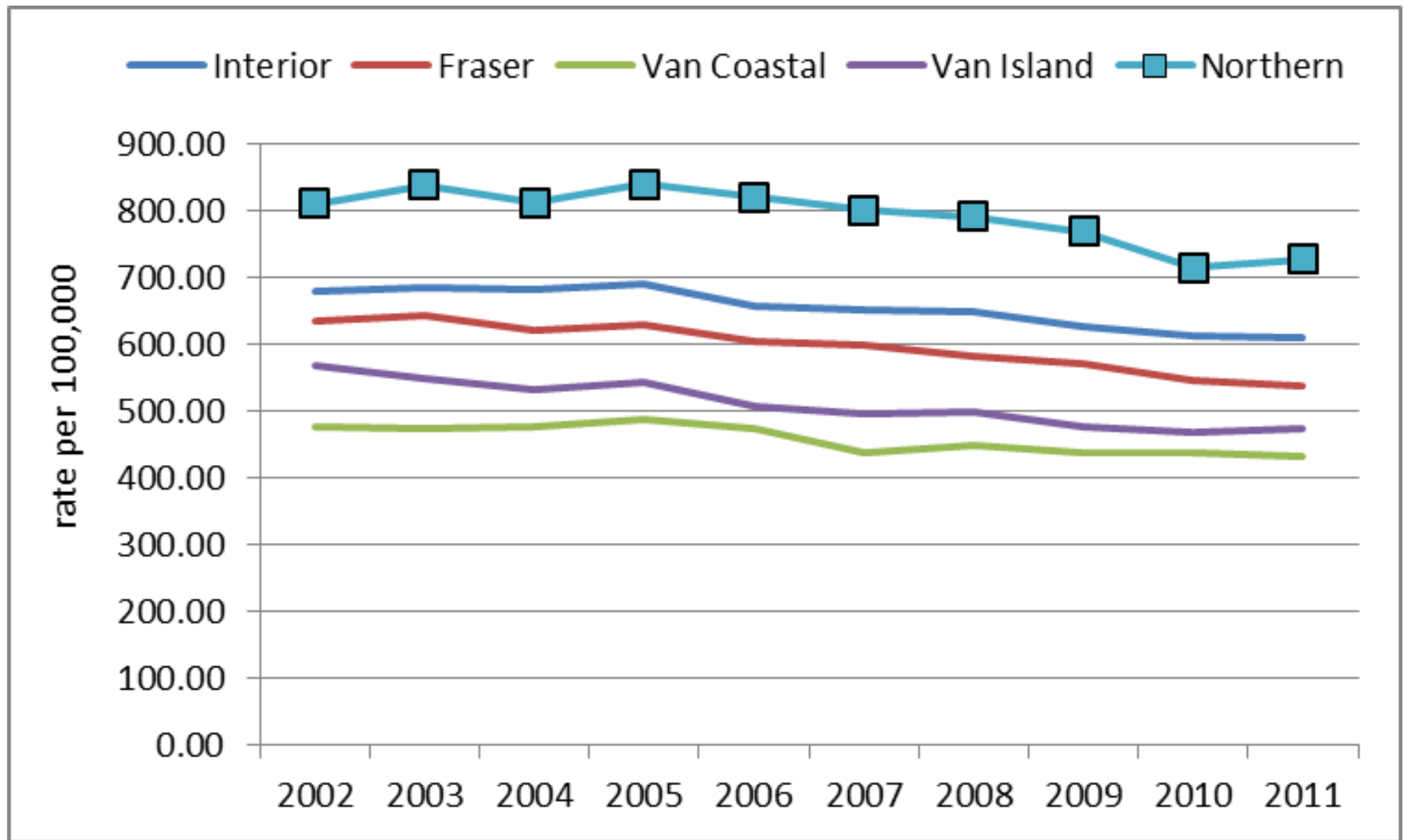
# Hospitalization Rates Attributable to Tobacco 2011

Standardized rate per 100,000 residents



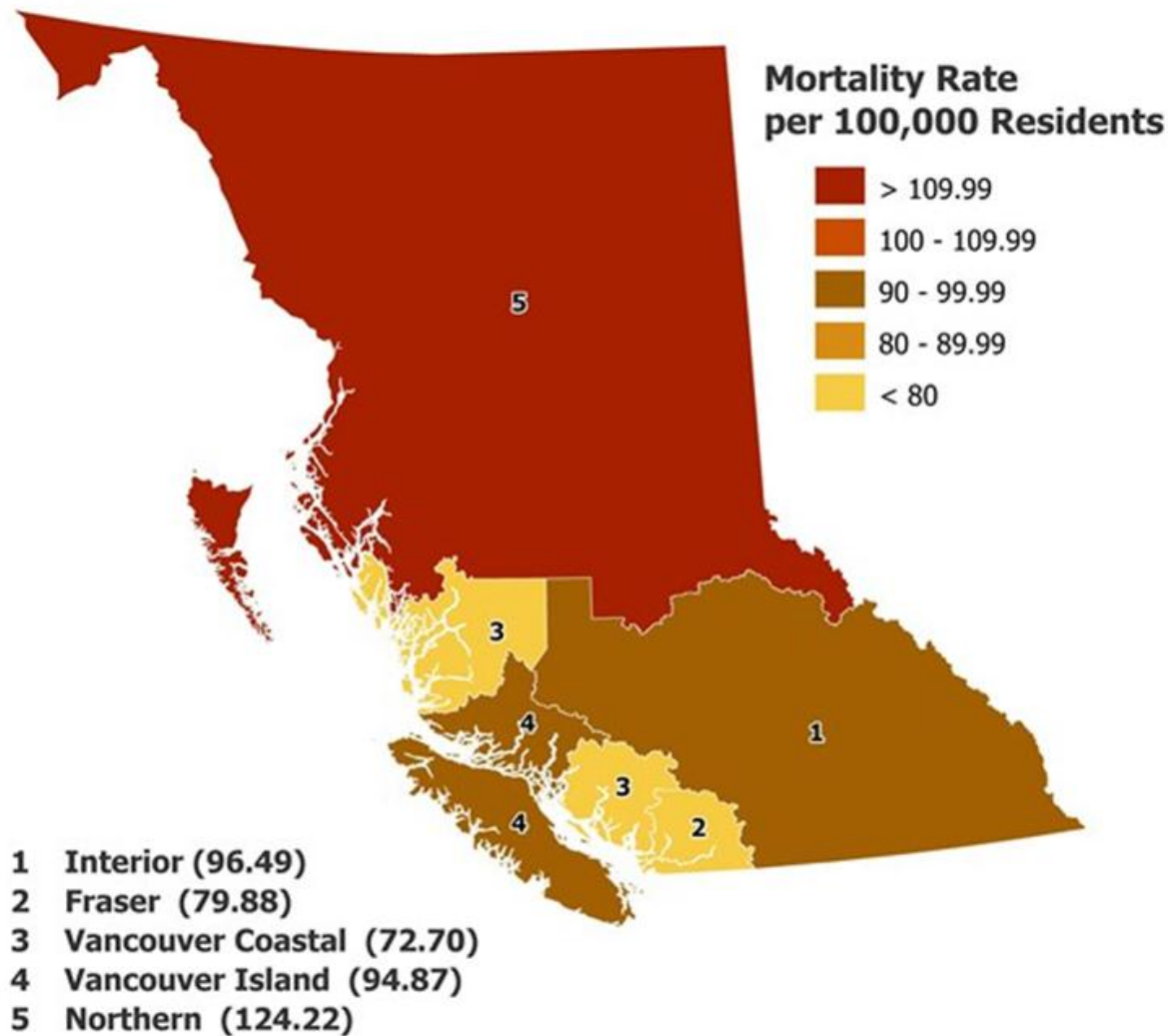
# Hospitalization Rates Attributable to Tobacco 2002 - 2011

Standardized rate per 100,000 residents



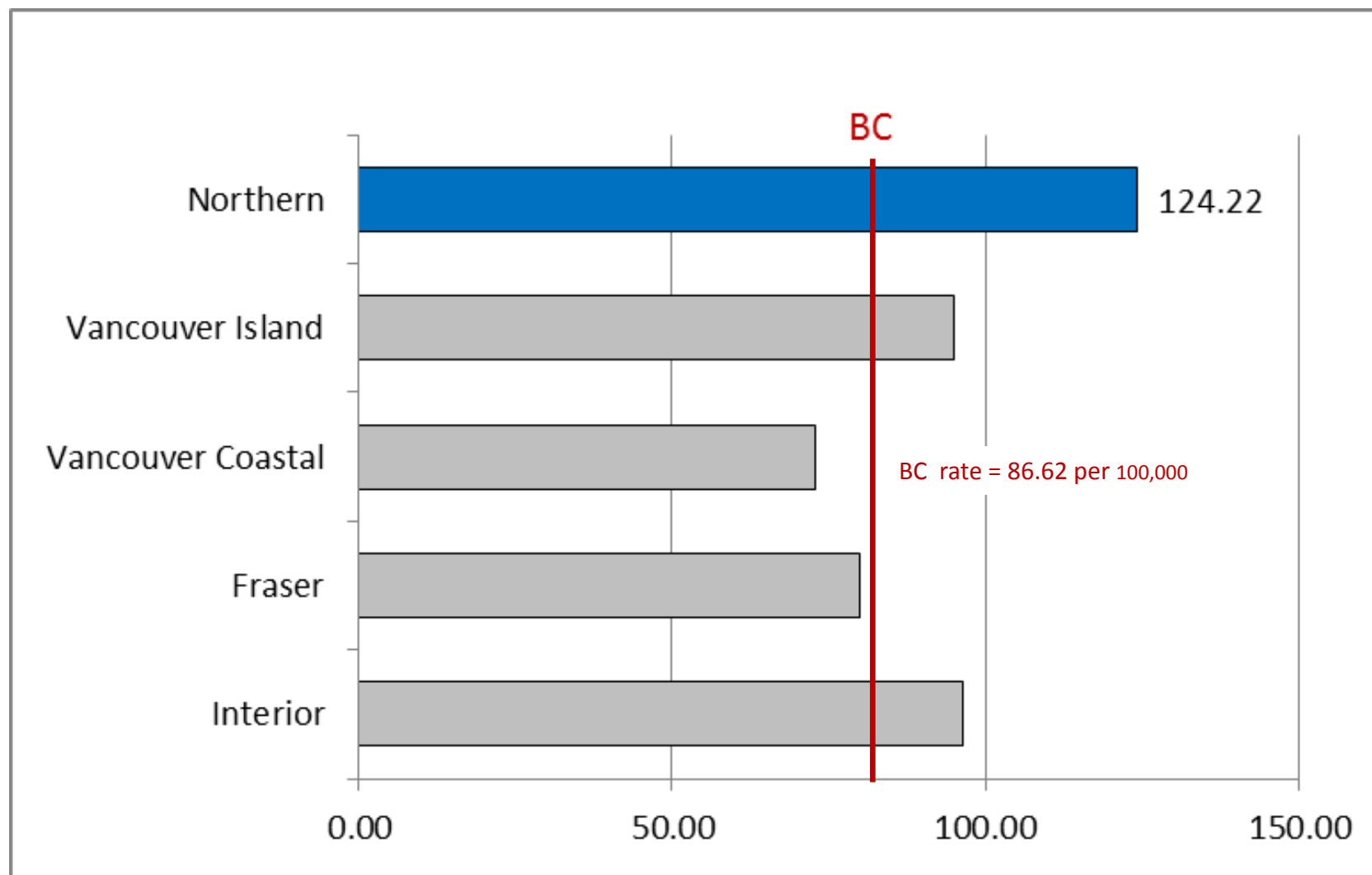
# Mortality Rates Attributable to Tobacco 2011

Standardized rate per 100,000 residents



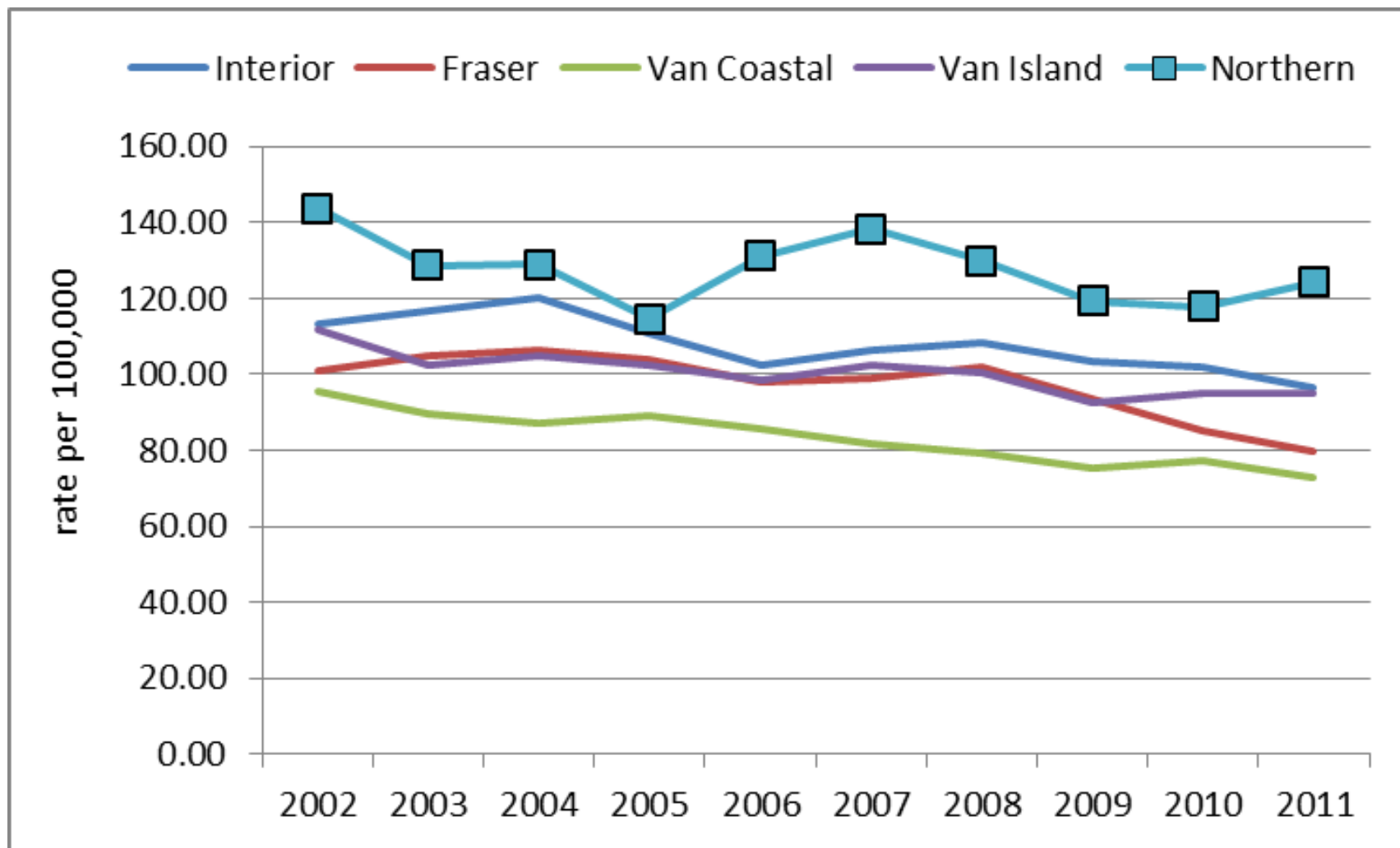
# Mortality Rates Attributable to Tobacco 2011

Standardized rate per 100,000 residents



# Mortality Rates Attributable to Tobacco 2002 - 2011

Standardized rate per 100,000 residents



# Illicit Drug Attributable Hospitalizations and Deaths

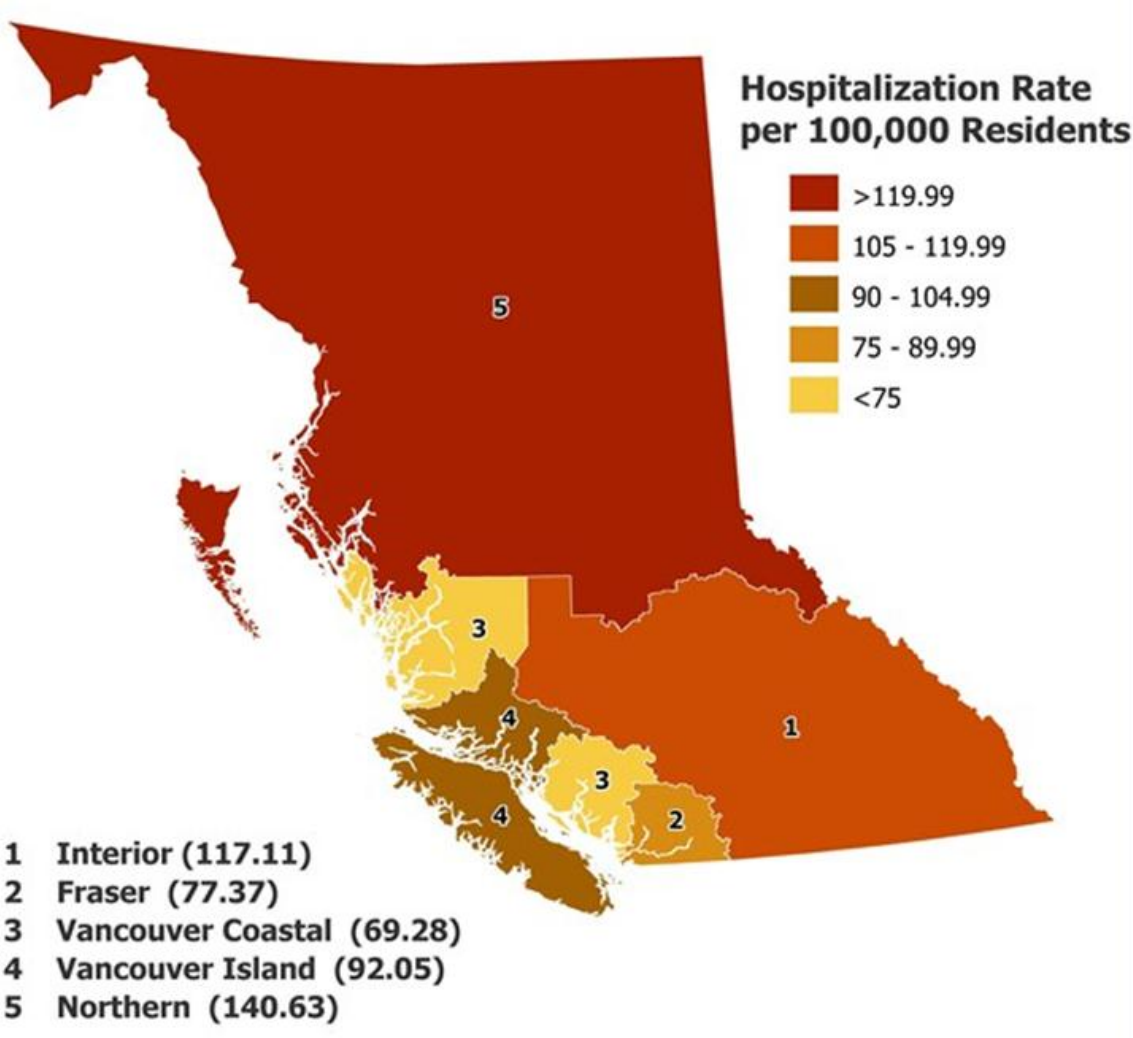
In 2011, Northern Health Authority had the highest overall rate of hospital discharges and deaths for conditions related to tobacco use followed by Interior, Fraser, Vancouver Island and Vancouver Coastal health authorities.

Vancouver Island was the health authority with the highest rate of deaths for conditions related to illicit drug use in BC in 2011 followed by Interior, Vancouver Coastal, Northern and Fraser health authorities.



# Hospitalization Rates Attributable to Illicit Drugs 2011

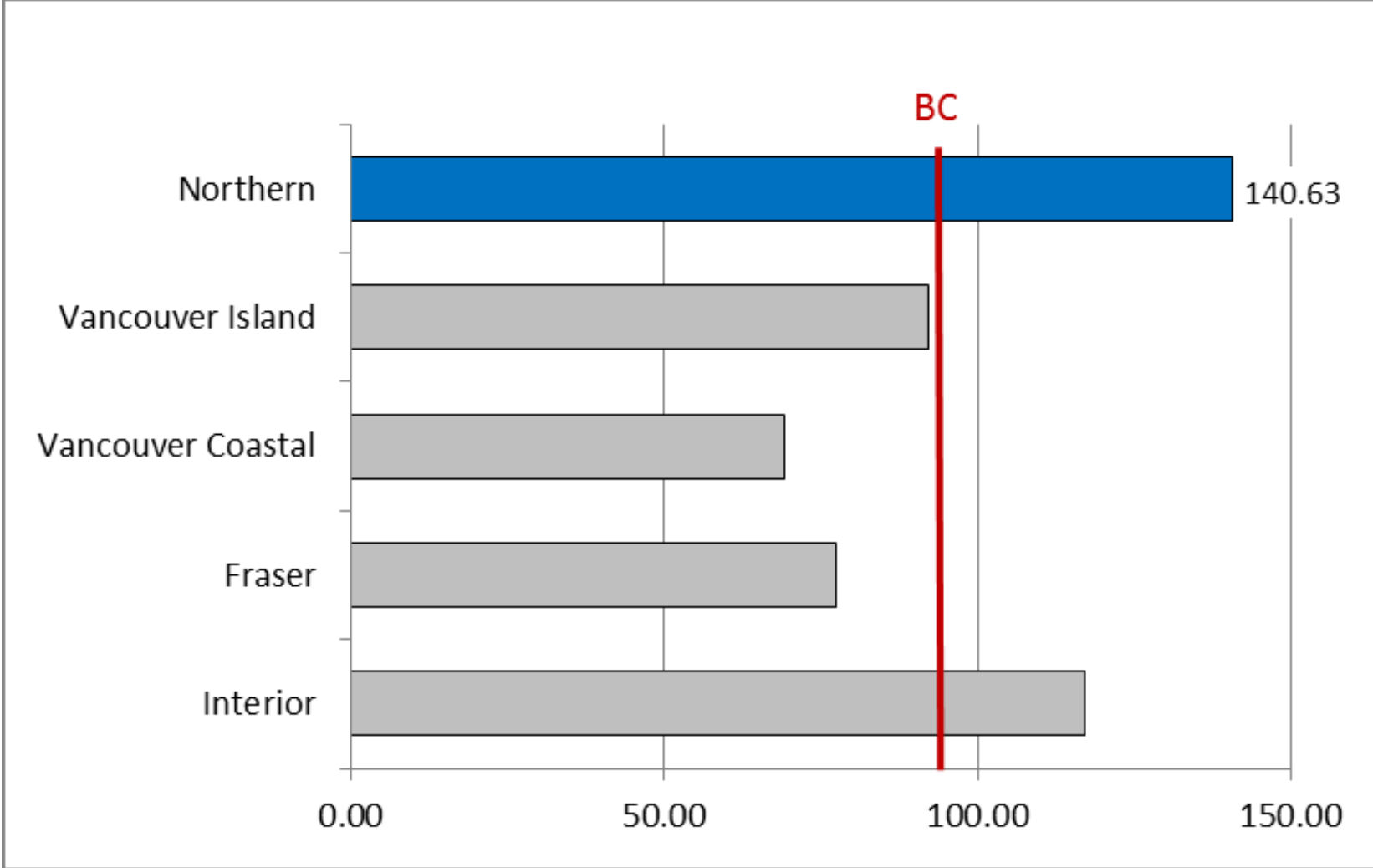
Standardized rate per 100,000 residents



Source: Centre for Addictions Research of BC: AOD Monitoring Project: <http://www.carbc.ca/FactsStats/AODMonitoring.aspx>

# Hospitalization Rates Attributable to Illicit Drugs 2011

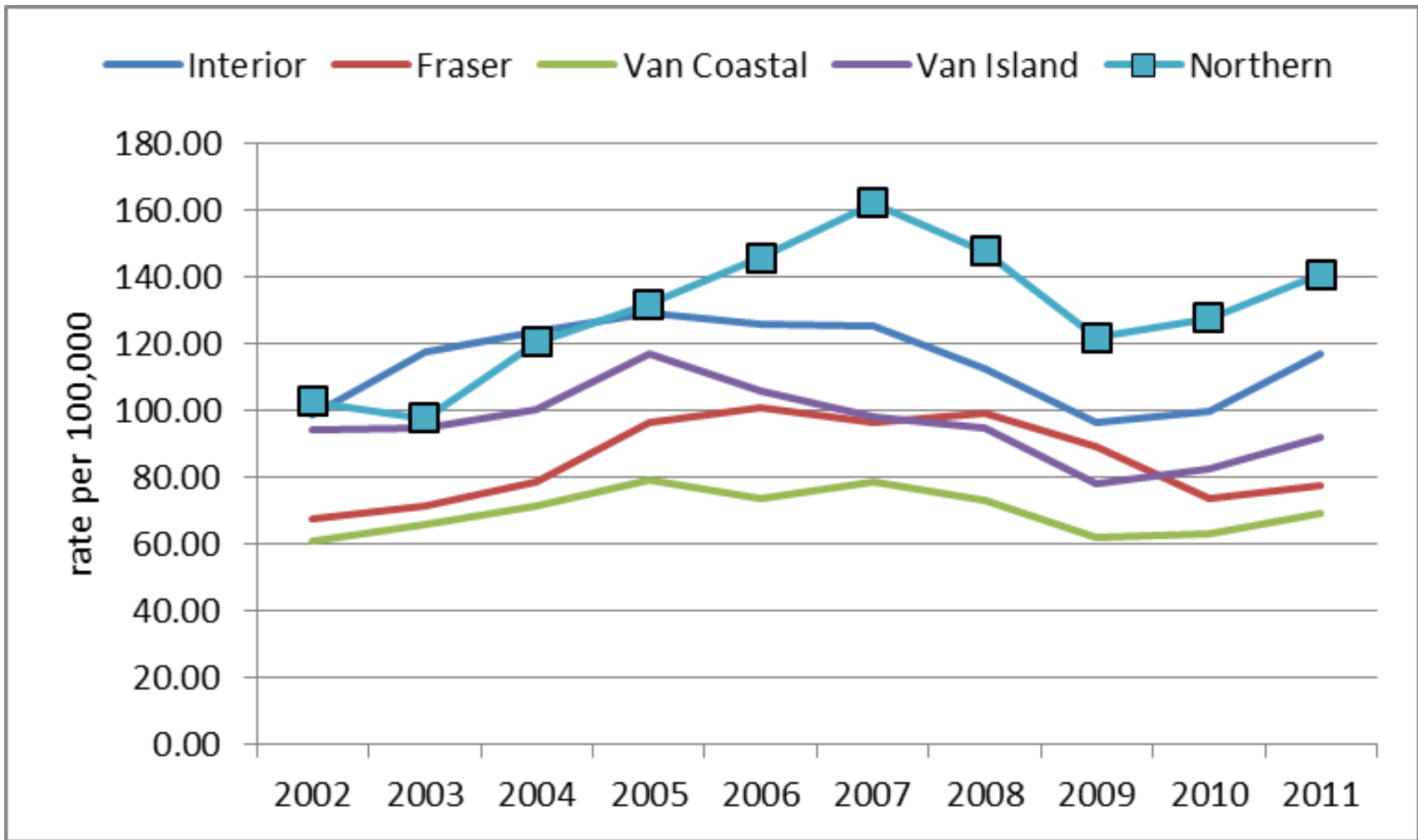
Standardized rate per 100,000 residents



Source: Centre for Addictions Research of BC: AOD Monitoring Project: <http://www.carbc.ca/FactsStats/AODMonitoring.aspx>

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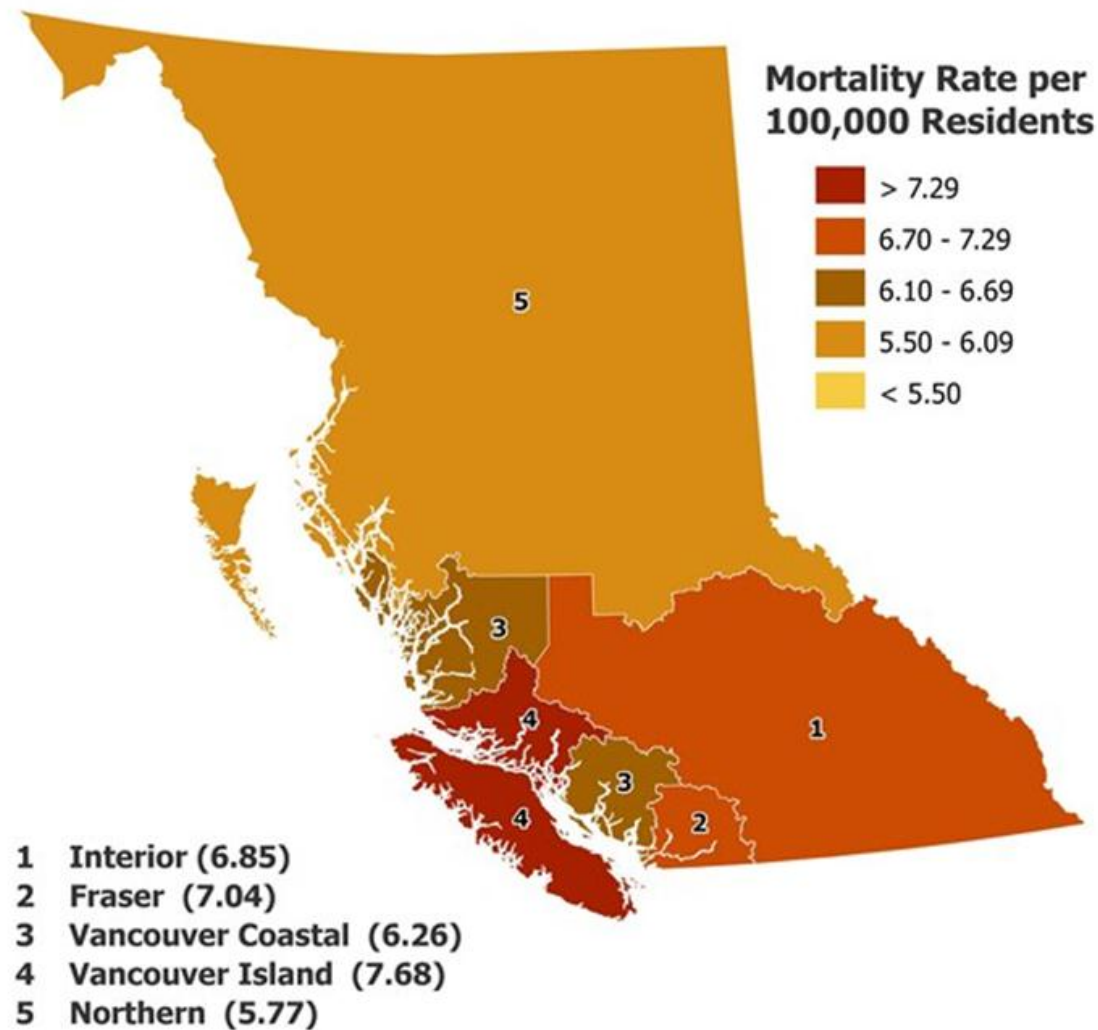
Standardized rate per 100,000 residents



Source: Centre for Addictions Research of BC: AOD Monitoring Project: <http://www.carbc.ca/FactsStats/AODMonitoring.aspx>

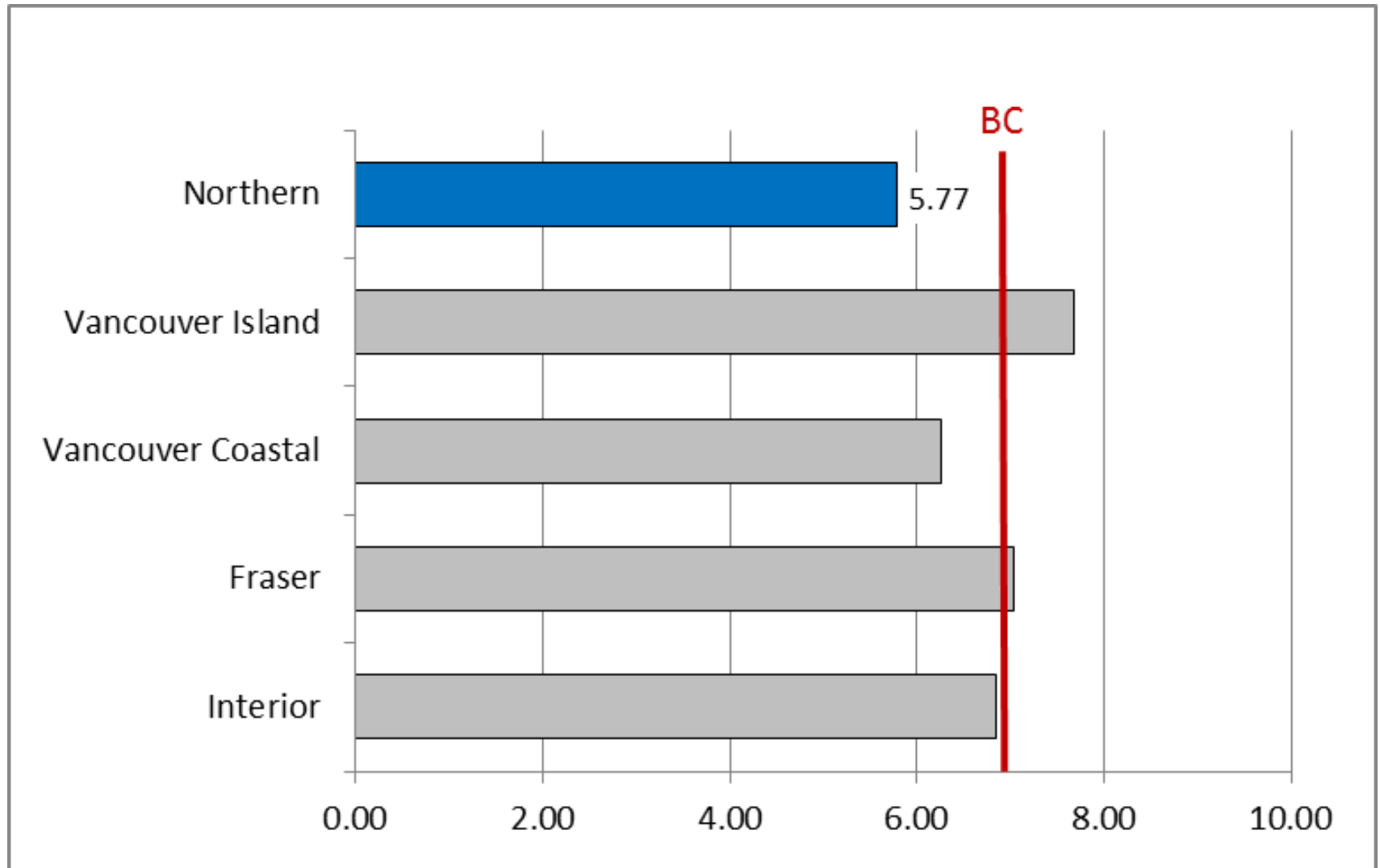
# Mortality Rates Attributable to Illicit Drugs 2011

Standardized rate per 100,000 residents



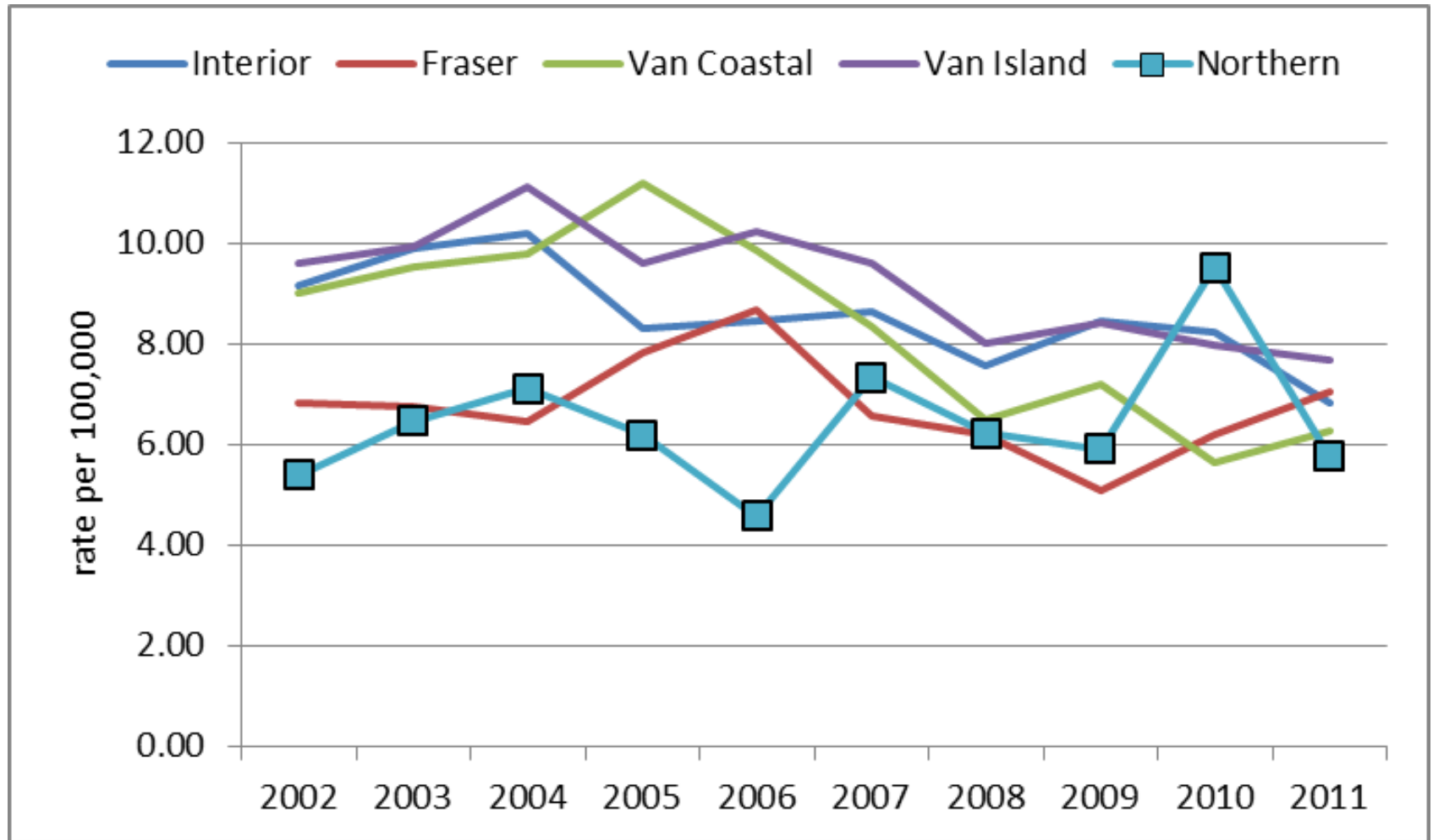
# Mortality Rates Attributable to Illicit Drugs 2011

Standardized rate per 100,000 residents



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Standardized rate per 100,000 residents



# About this Data

All rates (morbidity and mortality) are age and sex standardized

Alcohol-attributed numbers do not include the following conditions: diabetes, ischemic heart disease, cerebrovascular disease, ischemic stroke, and haemorrhagic stroke (female only). Alcohol has a net protective effect on these conditions and it is not possible to separate the number of alcohol-attributed and prevented deaths and hospitalizations. A further 10% was added to the BC per capita consumption data to account for unrecorded alcohol consumption.

Mortality estimates for the last 2 years may be underestimated due to reporting delays.

The Centre for Addictions Research of BC has published a substantial body of research related to substance use harms, costs and remedies in BC.

<http://www.carbc.ca/Publications/Research.aspx>