

and the Chinese community in Canada

According to Statistics Canada in 2011,

1.5 million people reported being of Chinese

origin. Of those surveyed:

40% live in Toronto and 29% in Vancouver

29% were born in Canada For the most part, this first language is Cantonese, except for those under the age of 15, who are more likely to speak Mandarin.

60% report no religious affiliation

## Hepatitis C, Hepatitis B, and the Human Immunodeficiency Virus (HIV)

- Hepatitis C is a major public health concern in certain immigrant ethnic communities in Canada.
- These communities have also been identified as being at higher risk for other viral infections that are spread in a similar way, such as hepatitis B and HIV.
- It's important to get tested for these three viruses because many people's home countries have high rates of infection.
- Even though these infections are preventable, they continue to spread. This is because people in the community often do not know how the viruses are spread and how to protect themselves and others. Also, they may not know how to get tested or seek treatment.
- In Canada, it is illegal for anyone to treat a
  person differently because they have an illness.
   So, people who think they are at risk should not
  be afraid to ask their doctor for a test.
- These viral infections are treatable. With proper support and access to healthcare – including treatment – in Canada, many people can still live well with these illnesses.

## Statistics in China and the Chinese population in Canada

- It is estimated that 3% of people in China are infected with the **hepatitis C** virus (40 million people).
- China has the third-highest rate of chronic hepatitis C infection in the world.
- **Hepatitis B** affects 8 to 10% of China's adult population (up to 93 million people).
- One-third of all the people in the world chronically infected with hepatitis B live in China.
- Approximately 300,000 people die from hepatitis B-related diseases annually in China.
- There are almost one million people living with HIV in China.
- Although the overall prevalence of HIV in China is low, even relatively minor increases in HIV infection rates in a country of more than one billion people signify that large numbers of people have become newly infected.
- In 2011, there were 48,000 new infections. Most of them were sexually transmitted.
- About 71% of people infected are male.



#### Some Facts about Hepatitis C, Hepatitis B, and HIV

## C

## Hepatitis

#### What is it?

- Hepatitis C is a liver disease caused by the hepatitis C virus.
- Approximately 25% of people clear the virus after initial infection. However, in 75% of cases, it becomes a chronic (long-term) infection.
- Chronic hepatitis can lead to cirrhosis (scarring) of the liver and/or liver cancer.
- Treatment available in Canada can cure the infection.

#### Who is at risk?

- The virus is spread through blood-to-blood contact with a person carrying the virus.
- Those most at risk are:
- o People born between 1945 and 1975 (age group with the highest risk for HCV);
- o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need blood tests to confirm whether you have the virus.
- If you have hepatitis C, it can be treated and cured. Talk to your doctor!
- There is currently no vaccine for hepatitis C, but it can be prevented.

## **M**

## Hepatitis

#### What is it?

- Hepatitis B is a liver disease caused by the hepatitis B virus.
- In 90% of adults, the hepatitis B virus can be cleared on its own. But, if contracted early in childhood, it becomes chronic in 90% of cases and treatment is necessary.
- Chronic hepatitis B can lead to cirrhosis (scarring) of the liver and/or liver cancer.

#### Who is at risk?

- The virus is spread through contact with the blood, semen, or vaginal fluid of an infected person.
- Those most at risk are:
- o Children born to mothers with hepatitis B;
- People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
- o People who have had unprotected sexual intercourse with a person who may be infected.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- Treatment for chronic hepatitis
   B is available; it controls the virus and limits its ability to replicate. However, there is no complete cure.
- Hepatitis B is preventable with safe and effective vaccines. Talk to your doctor about getting vaccinated!

## HIV

#### What is it?

 HIV is a virus that affects the immune system and weakens an individual's ability to fight against infections. Acquired Immunodeficiency Syndrome (AIDS) is the most advanced stage.

#### Who is at risk?

- HIV is spread through contact with the blood, semen, vaginal fluid, or breast milk of an infected person.
- Those most at risk are:
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
- People who have had unprotected sexual intercourse with a person who may be infected;
- o Children born to mothers with HIV.

### What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- There is no cure for HIV, but there is treatment that can effectively control the virus.
- Without treatment, the individual can develop severe illnesses like tuberculosis and cancer.
- There is currently no vaccine for HIV but it can be easily prevented. Talk to your doctor!



and the Egyptian community in Canada

According to Statistics Canada in 2011, **73,250** people reported being of Egyptian origin. Of those surveyed:









## Hepatitis C, Hepatitis B, and the Human Immunodeficiency Virus (HIV)

- Hepatitis C is a major public health concern in certain immigrant ethnic communities in Canada.
- These communities have also been identified as being at higher risk for other viral infections that are spread in a similar way, such as hepatitis B and HIV.
- It's important to get tested for these three viruses because many people's home countries have high rates of infection.
- Even though these infections are preventable, they continue to spread. This is because people in the community often do not know how the viruses are spread and how to protect themselves and others. Also, they may not know how to get tested or seek treatment.
- In Canada, it is illegal for anyone to treat a person differently because they have an illness. So, people who think they are at risk should not be afraid to ask their doctor for a test.
- These viral infections are treatable. With proper support and access to healthcare – including treatment – in Canada, many people can still live well with these illnesses.

## Statistics in Egypt and the Egyptian population in Canada

- Egypt has the world's highest prevalence rate of **hepatitis C**.
- According to the World Health
  Organization, the overall prevalence rate
  of hepatitis C is 22% (almost 17.8 million
  people). For people older than 50, the rate
  can be as high as 41%.
- The high prevalence of HCV in Egypt is mainly due to an aggressive public health campaign in the 1960s and 1970s that aimed to treat patients for schistosomiasis (known in Egypt as Bilharzia, a parasitic disease caused by snails living in the Nile) using medication administered through glass syringes that were not properly sterilized due to limited resources. At present, the virus continues to spread through blood transfusions and other medical and dental procedures.
- Hepatitis B affects about 10% of Egypt's population (8.1 million people). Infection rates are higher among young adults and in males.
- The number of **HIV** cases remains low in Egypt (around 11,000).
- However, Egypt has one of the world's highest increases in the number of HIV cases.
- Most people are infected through unprotected sexual intercourse.

#### Some Facts about Hepatitis C, Hepatitis B, and HIV

# **Hepatitis C**

#### What is it?

- Hepatitis C is a liver disease caused by the hepatitis C virus.
- Approximately 25% of people clear the virus after initial infection. However, in 75% of cases, it becomes a chronic (long-term) infection.
- Chronic hepatitis can lead to cirrhosis (scarring) of the liver and/or liver cancer.
- Treatment available in Canada can cure the infection.

#### Who is at risk?

- The virus is spread through blood-to-blood contact with a person carrying the virus.
- Those most at risk are:
  - o People born between 1945 and 1975 (age group with the highest risk for HCV);
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use.

### What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need blood tests to confirm whether you have the virus.
- If you have hepatitis C, it can be treated and cured. Talk to your doctor!
- There is currently no vaccine for hepatitis C, but it can be prevented.

# **lepatitis B**

#### What is it?

- Hepatitis B is a liver disease caused by the hepatitis B virus.
- In 90% of adults, the hepatitis
  B virus can be cleared on its
  own. But, if contracted early in
  childhood, it becomes chronic in
  90% of cases and treatment
  is necessary.
- Chronic hepatitis B can lead to cirrhosis (scarring) of the liver and/or liver cancer.

#### Who is at risk?

- The virus is spread through contact with the blood, semen, or vaginal fluid of an infected person.
- Those most at risk are:
  - o Children born to mothers with hepatitis B;
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
  - o People who have had unprotected sexual intercourse with a person who may be infected.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- Treatment for chronic hepatitis
  B is available; it controls the
  virus and limits its ability to
  replicate. However, there is no
  complete cure.
- Hepatitis B is preventable with safe and effective vaccines. Talk to your doctor about getting vaccinated!

## HIV

#### What is it?

 HIV is a virus that affects the immune system and weakens an individual's ability to fight against infections. Acquired Immunodeficiency Syndrome (AIDS) is the most advanced stage.

#### Who is at risk?

- HIV is spread through contact with the blood, semen, vaginal fluid, or breast milk of an infected person.
- Those most at risk are:
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
  - o People who have had unprotected sexual intercourse with a person who may be infected;
  - o Children born to mothers with HIV.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- There is no cure for HIV, but there is treatment that can effectively control the virus.
- Without treatment, the individual can develop severe illnesses like tuberculosis and cancer.
- There is currently no vaccine for HIV but it can be easily prevented. Talk to your doctor!



### and the Filipino community in Canada

According to Statistics Canada in 2011,

662,600 people reported being of Filipino origin.

Of those surveyed:

56% are female

**50%** speak Tagalog as their first language

25% were born in Canada 37% live in Toronto 18% in Vancouver 9% in Winnipeg

Nearly all identify as Christian.

## Hepatitis C, Hepatitis B, and the Human Immunodeficiency Virus (HIV)

- Hepatitis C is a major public health concern in certain immigrant ethnic communities in Canada.
- These communities have also been identified as being at higher risk for other viral infections that are spread in a similar way, such as hepatitis B and HIV.
- It's important to get tested for these three viruses because many people's home countries have high rates of infection.
- Even though these infections are preventable, they continue to spread. This is because people in the community often do not know how the viruses are spread and how to protect themselves and others. Also, they may not know how to get tested or seek treatment.
- In Canada, it is illegal for anyone to treat a person differently because they have an illness. So, people who think they are at risk should not be afraid to ask their doctor for a test.
- These viral infections are treatable. With proper support and access to healthcare – including treatment – in Canada, many people can still live well with these illnesses.

## Statistics in the Philippines and the Filipino population in Canada

- **Hepatitis C** is a major public health issue in the Philippines.
- According to the World Health
   Organization, approximately 3 million
   people in the Philippines are living with
   hepatitis C (3.6% of the population).
- Hepatitis B is considered a "silent infection," with 16 million Filipinos being chronically infected with the hepatitis B virus (16.5% of the population).
- Officially, the Philippines has a low prevalence rate of **HIV** (Less than 0.1% of the population or 10,514 total cases).
- However, HIV cases in the Philippines increased by more than 25% from 2001 to 2009.
- Most cases are sexually transmitted.
- 95% of those with HIV are men, most of whom are between 20 and 29 years old.

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#### Some Facts about Hepatitis C, Hepatitis B, and HIV

# **Hepatitis C**

#### What is it?

- Hepatitis C is a liver disease caused by the hepatitis C virus.
- Approximately 25% of people clear the virus after initial infection. However, in 75% of cases, it becomes a chronic (long-term) infection.
- Chronic hepatitis can lead to cirrhosis (scarring) of the liver and/or liver cancer.
- Treatment available in Canada can cure the infection.

#### Who is at risk?

- The virus is spread through blood-to-blood contact with a person carrying the virus.
- Those most at risk are:
  - o People born between 1945 and 1975 (age group with the highest risk for HCV);
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need blood tests to confirm whether you have the virus.
- If you have hepatitis C, it can be treated and cured. Talk to your doctor!
- There is currently no vaccine for hepatitis C, but it can be prevented.

# Hepatitis B

#### What is it?

- Hepatitis B is a liver disease caused by the hepatitis B virus.
- In 90% of adults, the hepatitis B virus can be cleared on its own. But, if contracted early in childhood, it becomes chronic in 90% of cases and treatment is necessary.
- Chronic hepatitis B can lead to cirrhosis (scarring) of the liver and/or liver cancer.

#### Who is at risk?

- The virus is spread through contact with the blood, semen, or vaginal fluid of an infected person.
- Those most at risk are:
- o Children born to mothers with hepatitis B;
- People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
- o People who have had unprotected sexual intercourse with a person who may be infected.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- Treatment for chronic hepatitis
  B is available; it controls the
  virus and limits its ability to
  replicate. However, there is no
  complete cure.
- Hepatitis B is preventable with safe and effective vaccines. Talk to your doctor about getting vaccinated!

#### What is it?

 HIV is a virus that affects the immune system and weakens an individual's ability to fight against infections. Acquired Immunodeficiency Syndrome (AIDS) is the most advanced stage.

#### Who is at risk?

- HIV is spread through contact with the blood, semen, vaginal fluid, or breast milk of an infected person.
- Those most at risk are:
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
  - o People who have had unprotected sexual intercourse with a person who may be infected;
  - o Children born to mothers with HIV.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- There is no cure for HIV, but there is treatment that can effectively control the virus.
- Without treatment, the individual can develop severe illnesses like tuberculosis and cancer.
- There is currently no vaccine for HIV but it can be easily prevented. Talk to your doctor!



### and the East Indian community in Canada

According to Statistics Canada in 2011,

1,615,925 people reported being of South Asian origin

(this includes India, Pakistan, Bangladesh, Sri Lanka, and Nepal).

Of those surveyed:

55% speak a South Asian language as a first language There is an even division between Hindu and Sikh, with no majority faith in the group.

50% of the East Indian population in Canada resides in the Greater Toronto Area

> 20% in Vancouver

5% in Calgary

32,747
people emigrated from India in 2012

## Hepatitis C, Hepatitis B, and the Human Immunodeficiency Virus (HIV)

- Hepatitis C is a major public health concern in certain immigrant ethnic communities in Canada.
- These communities have also been identified as being at higher risk for other viral infections that are spread in a similar way, such as hepatitis B and HIV.
- It's important to get tested for these three viruses because many people's home countries have high rates of infection.
- Even though these infections are preventable, they continue to spread. This is because people in the community often do not know how the viruses are spread and how to protect themselves and others. Also, they may not know how to get tested or seek treatment.
- In Canada, it is illegal for anyone to treat a person differently because they have an illness. So, people who think they are at risk should not be afraid to ask their doctor for a test.
- These viral infections are treatable. With proper support and access to healthcare – including treatment – in Canada, many people can still live well with these illnesses.

## Statistics in India and the Indian population in Canada

- Approximately 1.5% of people in India are living with hepatitis C (almost 18.6 million people).
- The rate of hepatitis B infection in India is between 2 and 10% (up to 123.7 million people).
- The government of India estimates that there are between 1.9 and 3.0 million people living with HIV.
- Although the overall prevalence of HIV in India is low, even relatively minor increases in HIV infection rates in a country of more than one billion people signify that large numbers of people have become newly infected.
- The highest rate of infection is in people 15 to 49 years old.
- Most cases are caused by unprotected heterosexual intercourse.



#### Some Facts about Hepatitis C, Hepatitis B, and HIV

## **Tepatitis** C

#### What is it?

- Hepatitis C is a liver disease caused by the hepatitis C virus.
- Approximately 25% of people clear the virus after initial infection. However, in 75% of cases, it becomes a chronic (long-term) infection.
- Chronic hepatitis can lead to cirrhosis (scarring) of the liver and/or liver cancer.
- Treatment available in Canada can cure the infection.

#### Who is at risk?

- The virus is spread through blood-to-blood contact with a person carrying the virus.
- Those most at risk are:
  - o People born between 1945 and 1975 (age group with the highest risk for HCV);
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need blood tests to confirm whether you have the virus.
- If you have hepatitis C, it can be treated and cured. Talk to your doctor!
- There is currently no vaccine for hepatitis C, but it can be prevented.

# Hepatitis B

#### What is it?

- Hepatitis B is a liver disease caused by the hepatitis B virus.
- In 90% of adults, the hepatitis B virus can be cleared on its own. But, if contracted early in childhood, it becomes chronic in 90% of cases and treatment is necessary.
- Chronic hepatitis B can lead to cirrhosis (scarring) of the liver and/or liver cancer.

#### Who is at risk?

- The virus is spread through contact with the blood, semen, or vaginal fluid of an infected person.
- Those most at risk are:
   o Children born to mothers
   with hepatitis B;
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
  - o People who have had unprotected sexual intercourse with a person who may be infected.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- Treatment for chronic hepatitis
  B is available; it controls the
  virus and limits its ability to
  replicate. However, there is no
  complete cure.
- Hepatitis B is preventable with safe and effective vaccines. Talk to your doctor about getting vaccinated!

## HIV

#### What is it?

 HIV is a virus that affects the immune system and weakens an individual's ability to fight against infections. Acquired Immunodeficiency Syndrome (AIDS) is the most advanced stage.

#### Who is at risk?

- HIV is spread through contact with the blood, semen, vaginal fluid, or breast milk of an infected person.
- Those most at risk are:
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
  - o People who have had unprotected sexual intercourse with a person who may be infected;
  - o Children born to mothers with HIV.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- There is no cure for HIV, but there is treatment that can effectively control the virus.
- Without treatment, the individual can develop severe illnesses like tuberculosis and cancer.
- There is currently no vaccine for HIV but it can be easily prevented. Talk to your doctor!



and the Vietnamese community in Canada

According to Statistics Canada in 2011, **220,425** people reported being of Vietnamese origin.

Of those surveyed:



66% speak Vietnamese as their first language

38% were born in Canada  $32\%_0$  live in Toronto  $18\%_0$  in Montreal  $14\%_0$  in Vancouver

Most are Buddhist but an important percentage report no religion.

## Hepatitis C, Hepatitis B, and the Human Immunodeficiency Virus (HIV)

- Hepatitis C is a major public health concern in certain immigrant ethnic communities in Canada.
- These communities have also been identified as being at higher risk for other viral infections that are spread in a similar way, such as hepatitis B and HIV.
- It's important to get tested for these three viruses because many people's home countries have high rates of infection.
- Even though these infections are preventable, they continue to spread. This is because people in the community often do not know how the viruses are spread and how to protect themselves and others. Also, they may not know how to get tested or seek treatment.
- In Canada, it is illegal for anyone to treat a
  person differently because they have an
  illness. So, people who think they are at risk
  should not be afraid to ask their doctor for a
  test.
- These viral infections are treatable. With proper support and access to healthcare – including treatment – in Canada, many people can still live well with these illnesses.

## Statistics in Vietnam and the Vietnamese population in Canada

- It is estimated that 4 to 5% of the population in Vietnam is infected with hepatitis C (up to 4.4 million people). Of these, 3.5 million have chronic hepatitis C.
- Hepatitis C is the most common cause of liver cancer and Vietnamese men have the highest rate of liver cancer in the world.
- Injection drug users are the group with the highest rate of infection.
- According to the World Health
  Organization, Vietnam is among the
  countries with the highest rate of
  hepatitis B infection in the world.
- Approximately 10 to 20% of Vietnam's population is infected with the hepatitis B virus (up to 17.75 million people).
- In 2012, there were 208,866 people with HIV and another 59,839 with AIDS.
- About one-third of those infected with HIV are women.
- HIV is still concentrated in higher-risk populations (injection drug users, female sex workers, and men who have sex with men). However, the number of people who acquire the infection through heterosexual contact is increasing.





## **Hepatitis C**

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- Chronic hepatitis can lead to cirrhosis (scarring) of the liver and/or liver cancer.
- Treatment available in Canada can cure the infection.

#### Who is at risk?

- The virus is spread through blood-to-blood contact with a person carrying the virus.
- Those most at risk are:
  - o People born between 1945 and 1975 (age group with the highest risk for HCV);
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need blood tests to confirm whether you have the virus.
- If you have hepatitis C, it can be treated and cured. Talk to your doctor!
- There is currently no vaccine for hepatitis C, but it can be prevented.

## **Hepatitis B**

#### What is it?

- Hepatitis B is a liver disease caused by the hepatitis B virus.
- In 90% of adults, the hepatitis
  B virus can be cleared on its
  own. But, if contracted early in
  childhood, it becomes chronic in
  90% of cases and treatment
  is necessary.
- Chronic hepatitis B can lead to cirrhosis (scarring) of the liver and/or liver cancer.

#### Who is at risk?

- The virus is spread through contact with the blood, semen, or vaginal fluid of an infected person.
- Those most at risk are:
  - o Children born to mothers with hepatitis B;
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
  - o People who have had unprotected sexual intercourse with a person who may be infected.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- Treatment for chronic hepatitis
  B is available; it controls the
  virus and limits its ability to
  replicate. However, there is no
  complete cure.
- Hepatitis B is preventable with safe and effective vaccines. Talk to your doctor about getting vaccinated!

## HIV

#### What is it?

 HIV is a virus that affects the immune system and weakens an individual's ability to fight against infections. Acquired Immunodeficiency Syndrome (AIDS) is the most advanced stage.

#### Who is at risk?

- HIV is spread through contact with the blood, semen, vaginal fluid, or breast milk of an infected person.
- Those most at risk are:
  - o People who have come into contact with the blood of another person through the use of unsterilized needles for medical or dental procedures, tattoos, or injection drug use;
  - o People who have had unprotected sexual intercourse with a person who may be infected;
  - o Children born to mothers with HIV.

## What do I do if I think I am at risk?

- Talk to a nurse or doctor. You will need a blood test to confirm whether you have the virus.
- There is no cure for HIV, but there is treatment that can effectively control the virus.
- Without treatment, the individual can develop severe illnesses like tuberculosis and cancer.
- There is currently no vaccine for HIV but it can be easily prevented. Talk to your doctor!