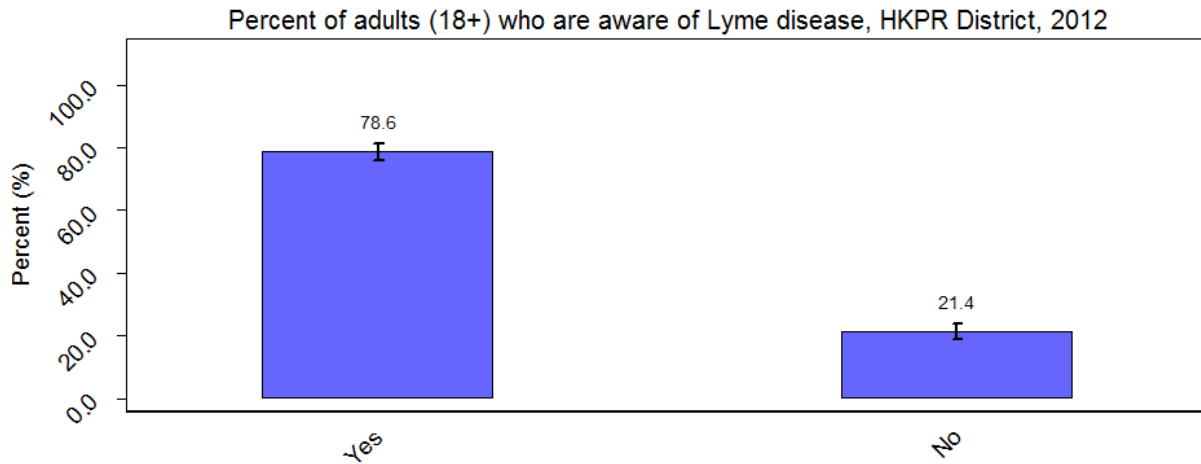


# RRFSS 2012: Lyme Disease Awareness

Figure 1



Sample Size: 1218

\*High Variability; Interpret with caution

\*\*Data not released

Data Source: RRFSS (Jan-Dec, 2012), HKPR District Health Unit and Institute for Social Research (ISR), York University.

**Table 1.** The percent of adults (18 years +) who are aware of Lyme disease, HKPR District, 2012.

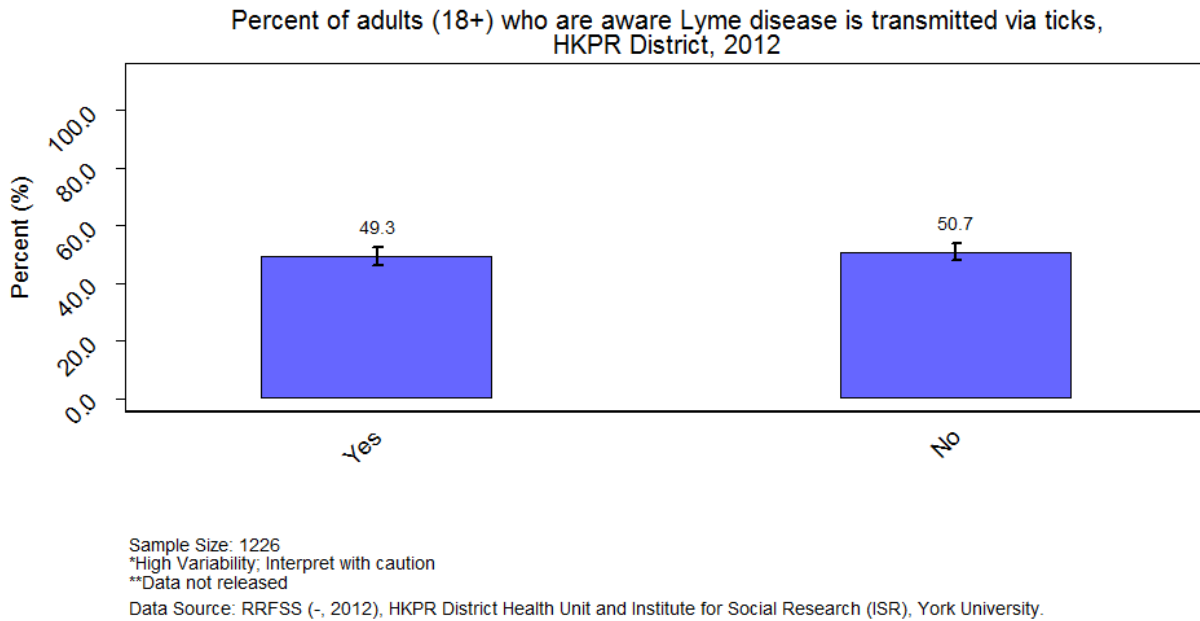
Response	Percent	Lower 95% CI	Upper 95% CI
Yes	78.6	76.01	81.05
No	21.4	18.95	23.99

**Interpretation†:**

The percent of adults (18 years +), residing in the HKPR District, who are aware of Lyme disease is 78.6% (95% CI: 76.01, 81.05).

# RRFSS 2012: Lyme Disease Awareness

Figure 2



**Table 2.** The percent of adults (18 years +) who are aware Lyme disease is transmitted via ticks, HKPR District, 2012.

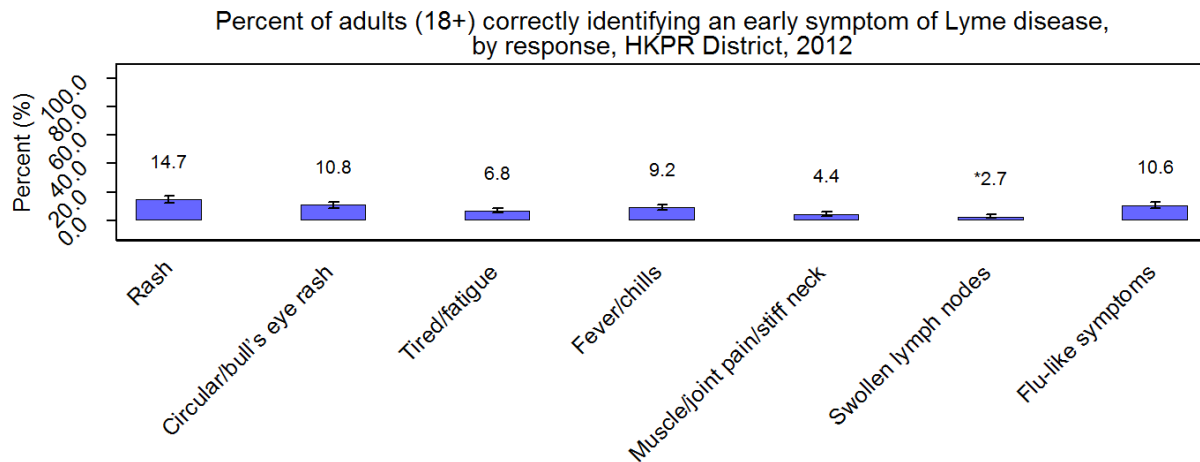
Response	Percent	Lower 95% CI	Upper 95% CI
Yes	49.3	46.30	52.26
No	50.7	47.74	53.70

**Interpretation†:**

The percent of adults (18 years +), residing in the HKPR District, who are aware Lyme disease is transmitted via ticks is 49.3% (95% CI: 46.30, 52.26).

# RRFSS 2012: Lyme Disease Awareness

Figure 3



Sample Size: 964

\*High Variability; Interpret with caution

\*\*Data not released

Data Source: RRFSS (Jan-Dec, 2012), HKPR District Health Unit and Institute for Social Research (ISR), York University.

**Table 3.** The percent of adults (18 years +) who are able identify the early symptoms of Lyme disease, HKPR District, 2012.

Response	Percent	Lower 95% CI	Upper 95% CI
Rash	14.7	12.5	17.2
Circular/bull's eye rash	10.8	8.9	13
Tired/fatigue	6.8	5.3	8.7
Fever/chills	9.2	7.5	11.3
Muscle/joint pain/stiff neck	4.4	3.2	6
Swollen lymph nodes	*2.7	1.8	4
Flu-like symptoms	10.6	8.8	12.8

**Interpretation†:**

The percent of adults (18 years +), residing in the HKPR District, who are able to identify a rash as an early symptom of Lyme disease is 14.7% (95% CI: 12.5, 17.2).

The percent of adults (18 years +), residing in the HKPR District, who are able to identify a circular/bull's eye rash as an early symptom of Lyme disease is 10.8% (95% CI: 8.9, 13.0).

## RRFSS 2012: Lyme Disease Awareness

The percent of adults (18 years +), residing in the HKPR District, who are able to identify tiredness/fatigue as an early symptom of Lyme disease is 6.8% (95% CI: 5.3, 13.0).

The percent of adults (18 years +), residing in the HKPR District, who are able to identify fever/chills as an early symptom of Lyme disease is 9.2% (95% CI: 7.5, 11.3).

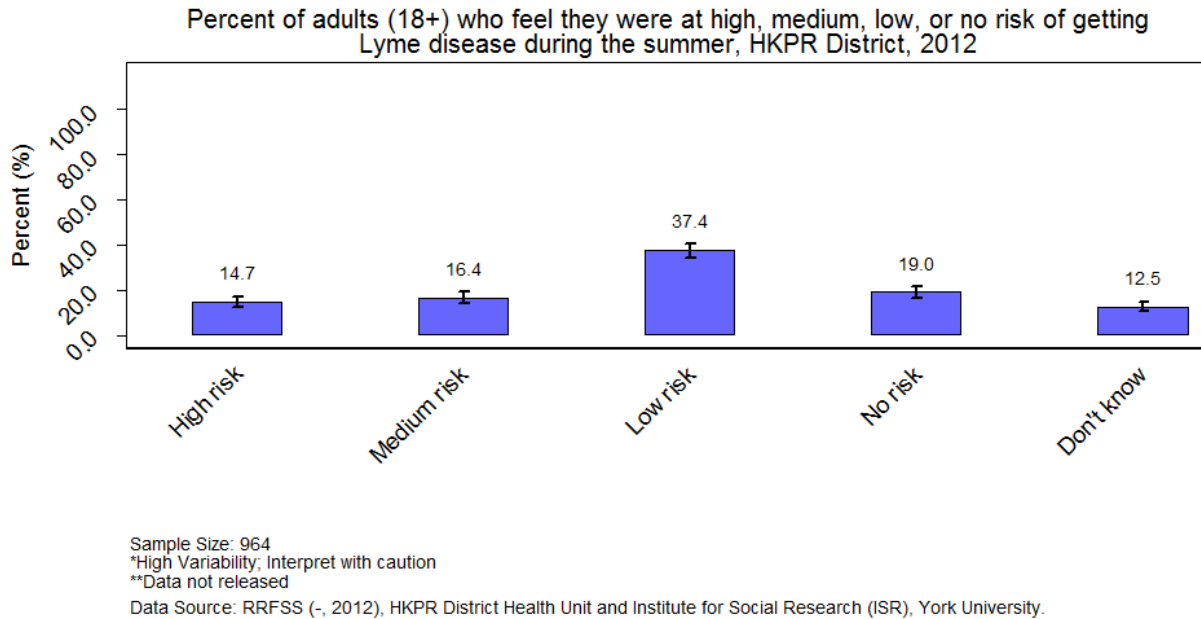
The percent of adults (18 years +), residing in the HKPR District, who are able to identify muscle/joint pain/stiff neck as an early symptom of Lyme disease is 4.4% (95% CI: 3.2, 6.0).

The percent of adults (18 years +), residing in the HKPR District, who are able to identify swollen lymph nodes as an early symptom of Lyme disease is 2.7% (95% CI: 1.8, 4.0).

The percent of adults (18 years +), residing in the HKPR District, who are able to identify flu-like symptoms as an early symptom of Lyme disease is 10.6% (95% CI: 8.8, 12.8).

# RRFSS 2012: Lyme Disease Awareness

Figure 4



**Table 4.** The percent of adults (18 years +) who feel they are at risk for Lyme disease, by level of risk, HKPR District, 2012

Response	Percent	Lower 95% CI	Upper 95% CI
High risk	14.7	12.42	17.24
Medium risk	16.4	14.05	19.07
Low risk	37.4	34.26	40.71
No risk	19.0	16.58	21.71
Don't know	12.5	10.39	14.95

**Interpretation†:**

The percent of adults (18 years +), residing in the HKPR District, who feel they have a high risk of getting Lyme disease is 14.7% (95% CI: 12.42, 17.24).

## RRFSS 2012: Lyme Disease Awareness

The percent of adults (18 years +), residing in the HKPR District, who feel they have a medium risk of getting Lyme disease is 16.4% (95% CI: 14.05, 19.07).

The percent of adults (18 years +), residing in the HKPR District, who feel they have low risk of getting Lyme disease is 37.4% (95% CI: 34.26, 40.71).

The percent of adults (18 years +), residing in the HKPR District, who feel they have no risk of getting Lyme disease is 19.0% (95% CI: 16.58, 21.71).

The percent of adults (18 years +), residing in the HKPR District, who don't know the risk of getting Lyme disease is 12.5% (95% CI: 10.39, 14.95).

### Data Limitations:

1. Questions are only asked of adult residents aged 18+.
2. The telephone survey is only conducted in English.
3. Results are based on self-reported behaviours.
4. (\*) indicates that results are based on small sample size; thus, estimates have high variability.
5. (\*\*) indicates the data is not released due to small sample size.

### Data Notes:

1. Source: Rapid Risk Factor Surveillance System (RRFSS), Jan–Dec 2012, Haliburton, Kawartha, Pine Ridge (HKPR) District Health Unit and Institute for Social Research (ISR), York University.
2. Missing responses are not included in the analysis.
3. "Do not know" and "Refused" responses are analyzed according to RRFSS Analysis Guidelines.
4. The 95% confidence intervals (95% CI) are the range of variability for a population estimate. There is a 95% probability that the true estimate is within that range.
5. Release criteria of the data are according to RRFSS Analysis Guidelines.
6. All respondents asked about their awareness of Lyme disease are included in the denominator for each knowledge question (transmission; early symptoms), and included under the assumption that if they are not aware of Lyme disease, then they would not know the mode of transmission and would not be able to accurately identify symptoms of Lyme disease.