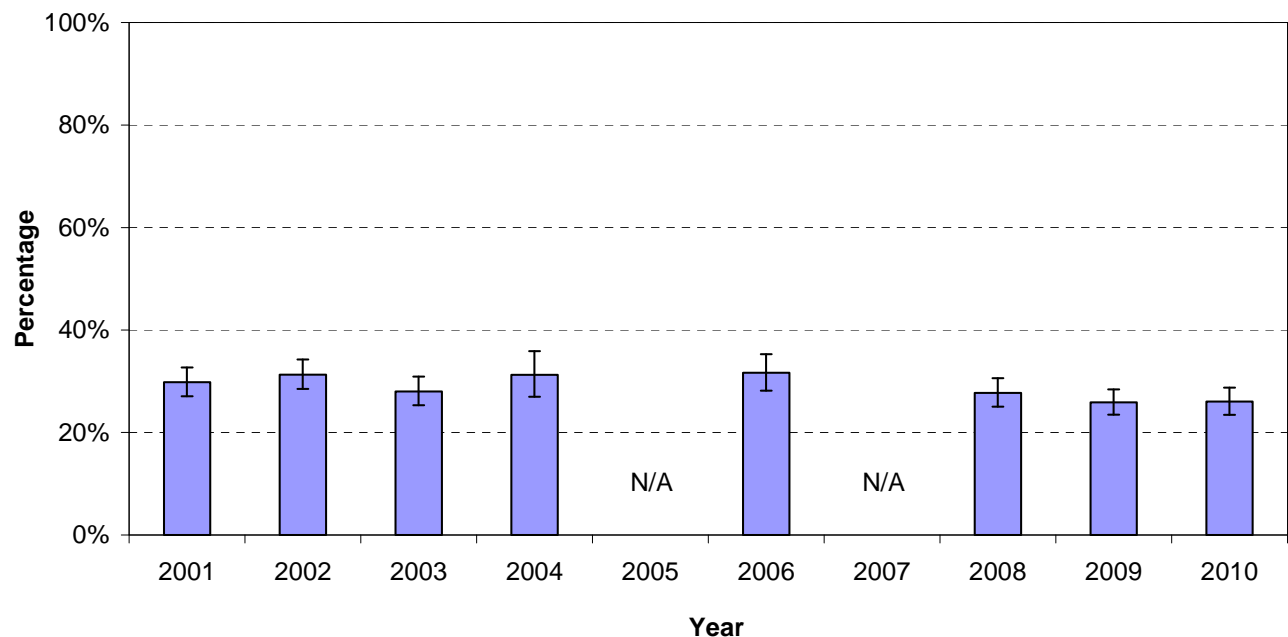


## Sun Safety

This summary focuses on the percentage of adults in York Region who were sunburned in the past year and those who engage in sun safety practices.

Ontario Public Health Standards, Chronic Diseases and Injuries Program Standards, Chronic Disease Prevention – Req 1.

### Percentage of Adults in York Region Who were Sunburned in the Past Year, 2001-2010

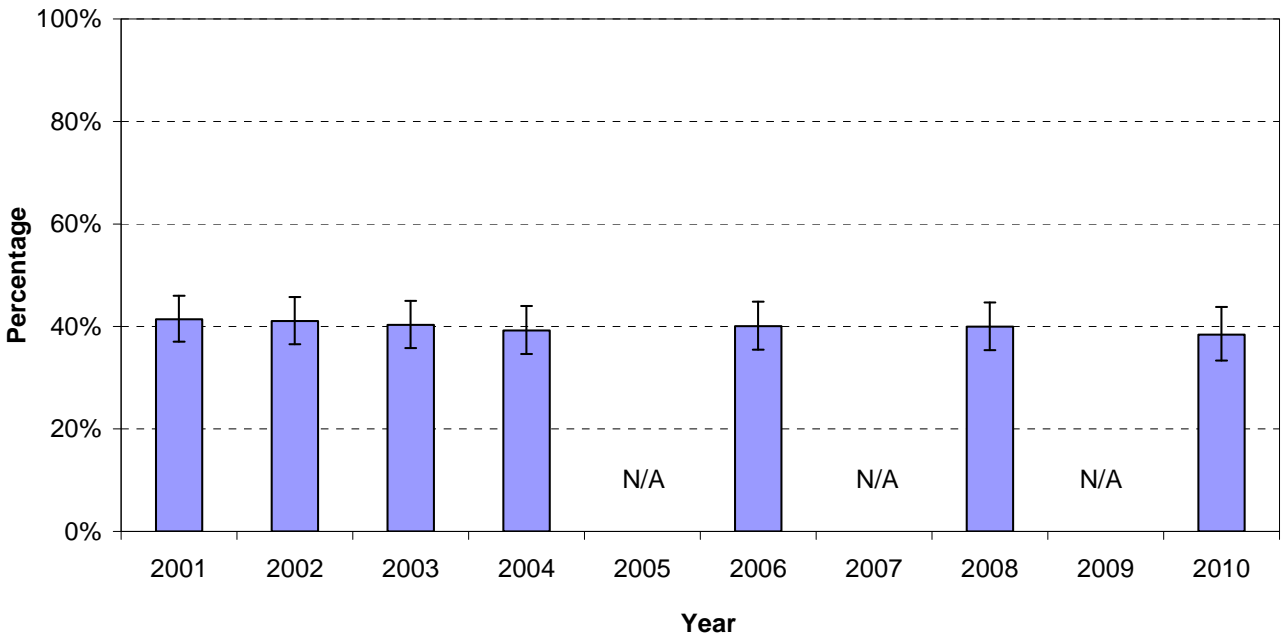


Data Source: Rapid Risk Factor Surveillance System, January 2001 – December 2010. (Sample Sizes by Year: 2001 n=1214, 2002 n=1213, 2003 n= 1207, 2004 n=491, 2006 n=780, 2008 n=1196, 2009 n=1505, 2010 n=1216). N/A – Not applicable: York Region data were not collected in 2005 and 2007.

#### Interpretation:

- In 2010, 26% ( $\pm 3$ ) of York Region residents reported being sunburned over the past year. Statistically, this percentage has remained the same over the eight years of data collection starting in 2001.
- No significant difference in the percentage of residents sunburned over the past 12 months were observed between men and women (data not shown).
- In 2001 and 2004, a significantly higher percentage of York Region residents aged 18 to 24 years reported being sunburned over the past year, compared to residents aged 45 to 64 years. In 2001 and 2002, a significantly higher percentage of residents aged 25 to 44 years reported being sunburned over the past year, compared to residents aged 45 to 64 years (data not shown).

## Percentage Adults in York Region Who Always/Often Wear Protective Clothing, Including a Hat, When in the Sun, 2001-2010

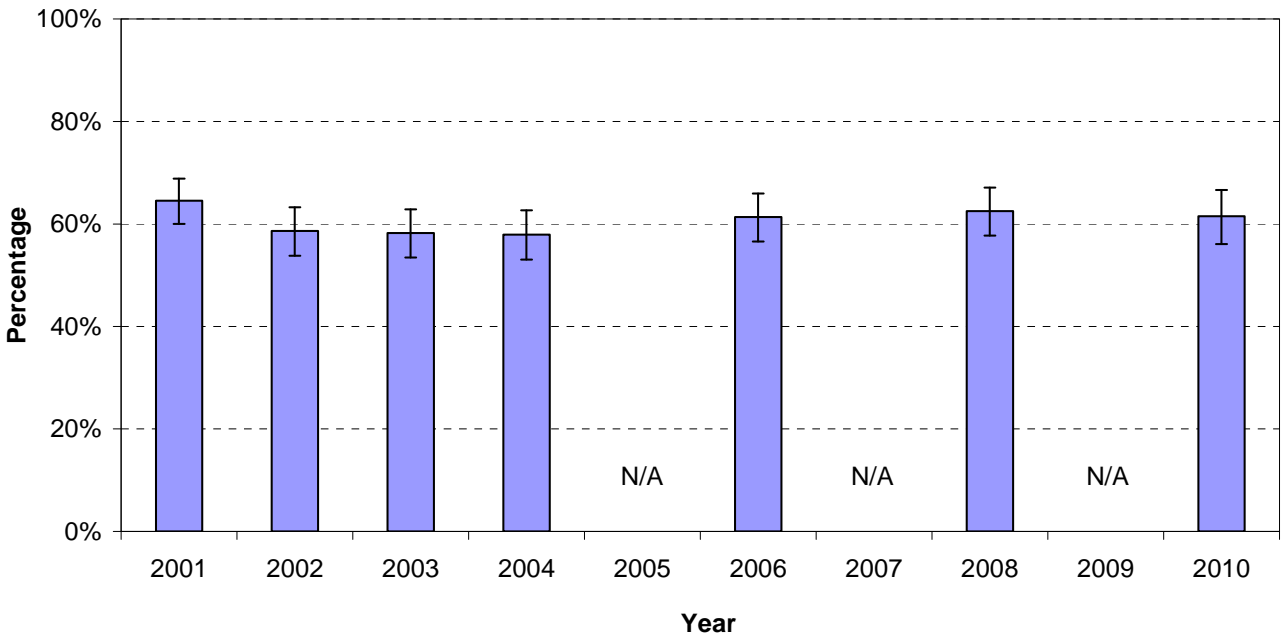


Data Source: Rapid Risk Factor Surveillance System, January 2001 – December 2010. (Sample Sizes by Year: 2001 n=550, 2002 n=508, 2003 n=502, 2004 n=493, 2006 n=495, 2008 n=495, 2010 n=400). N/A – Not applicable: York Region data were not collected in 2005, 2007 and 2009.

### Interpretation:

- In 2010, 38% ( $\pm 5$ ) of York Region residents reported that they always/often wear protective clothing, including a hat, when in the sun. Statistically, this percentage has remained the same over the seven years of data collection starting in 2001.
- In 2001, 2003 and 2004, a significantly higher percentage of York Region men reported that they always/often wear protective clothing when in the sun compared to York Region women. No differences by sex were detected in the other years of data collection (data not shown).

## Percentage of Adults in York Region Who Always/Often Wear Sunglasses with UV Protection, 2001-2010

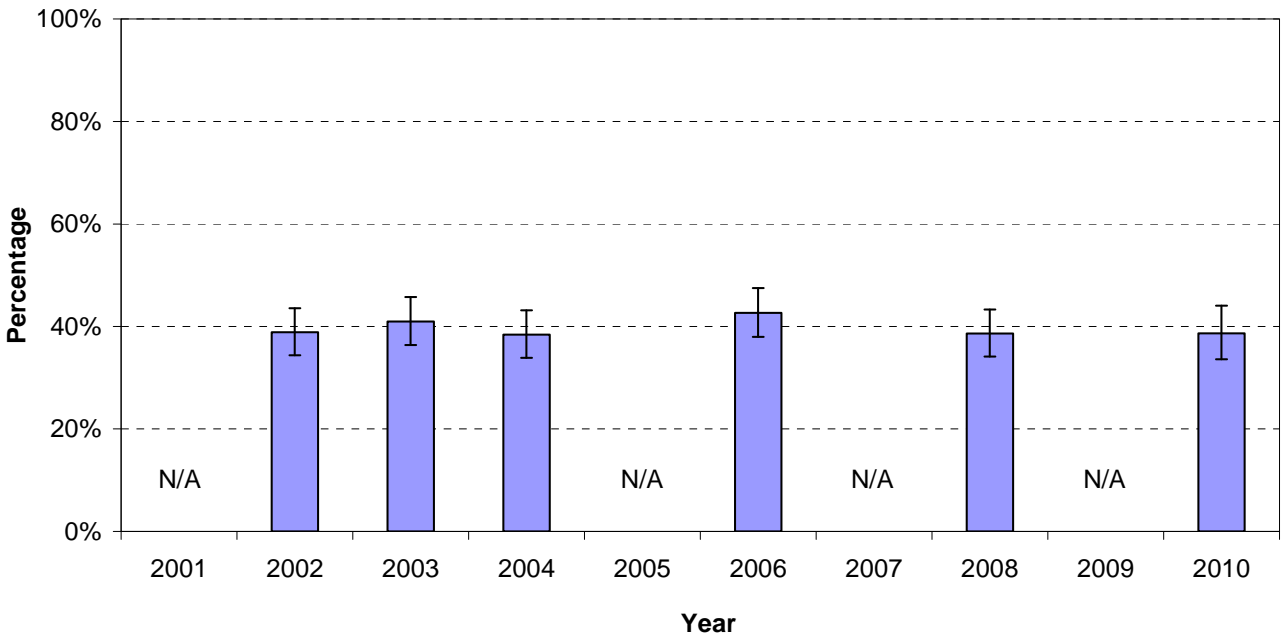


Data Source: Rapid Risk Factor Surveillance System, January 2001 – December 2010. (Sample Sizes by Year: 2001 n=544, 2002 n=506, 2003 n=498, 2004 n=493, 2006 n=495, 2008 n=498, 2010 n=402). N/A – Not applicable: York Region data were not collected in 2005, 2007 and 2009.

### Interpretation:

- In 2010, 62% ( $\pm 5$ ) of York Region residents reported that they always/often wear sunglasses with UV protection. Statistically, this percentage has remained the same over the seven years of data collection starting in 2001.
- In 2004 and 2006, a significantly higher percentage of York Region women reported that they always/often wear sunglasses with UV protection compared to York Region men. No differences by sex were detected in the other years of data collection (data not shown).

## Percentage of Adults in York Region Who Always/Often Use Sunscreen, 2001-2010



Data Source: Rapid Risk Factor Surveillance System, January 2001 – December 2010. (Sample Sizes by Year: 2002 n=510, 2003 n=502, 2004 n=492, 2006 n=494, 2008 n=496, 2010 n=401). N/A – Not applicable: York Region data were not collected in 2001, 2005, 2007 and 2009.

### Interpretation:

- In 2010, 39% ( $\pm 5$ ) of York Region residents reported that they always/often use sunscreen. Statistically, this percentage has remained the same over the six years of data collection starting in 2002.
- Consistent across all years of data collection, a significantly higher percentage of York Region women reported that they always/often use sunscreen compared to York Region men (data not shown).

**Data Source:** Rapid Risk Factor Surveillance System (RRFSS), [January 2001 – December 2010 (variables SUN\_S1, SUN\_S3, SUN\_S4, SUN\_S6). For more information on RRFSS, visit <http://www.rfss.ca/>

Adults represent individuals aged 18 years or older. This telephone survey was only administered in English, using a random digit dialling methodology and data are weighted for probability of selection in households of different size. Survey indicators based on self-reported information and may be subject to biases, such as recall bias or social desirability bias, or result in high non-response.

$\bar{\pm}$  and  $\pm$  represents the 95% confidence interval, meaning 19 times out of 20 the results will fall within this range. Confidence intervals are reported as equal, though this is not always the case as the estimate approaches zero or 100%.

'Don't know' and 'refused' responses are excluded if less than five (5) percent.