

### **Food Freedom Day Statistics' Explanation**

In 2016, Canadians are expected to have spent **10.7% of their disposable income on food**. (Disposable income per capita is expected to be approximately \$32,464, in 2016; expenditures on food and beverages will be approximately \$3,497)

Source: Statistics Canada, CANSIM TABLE 380-0072 and 380-0067

### **Breakdown of the Calculation**

- Current prices (x 1,000,000), seasonally adjusted, personal expenditures on food and beverages in the 3<sup>rd</sup> quarter of 2016 = 126,896  
Source: CANSIM table 380-0067
- Current prices (x 1,000,000), seasonally adjusted, household disposable income in the 3<sup>rd</sup> quarter of 2016 = 1,178,012  
Source: CANSIM table 380-0072
- Divide f&b expenditure by household disposable income.
- $126,896/1,178,012 = 0.1077204$
- Find out what 10.7 percent of the year is, by day.  
 $365*0.1077204 = 39$
- 39 days into the year is February 8th.

*Per capita expenditures and disposable income are determined using a population estimate of the third quarter from Statscan (36,286,425).*

Source:

<http://www5.statcan.gc.ca/cansim/a26?lang=eng&retrLang=eng&id=0510005&paSer=&pattern=&stByVal=1&p1=1&p2=31&tabMode=dataTable&csid=>

Food Freedom Day is calculated by taking Canadians' total expenditure on food and beverages and dividing it by the total Canadian household disposable income to create a percentage. CFA then determines what this percentage of the year is, by day. Canadians spent 10.7% of their disposable income on food and beverages in 2016, which equates to 39 days, or February 8th.