|               |                  |            | oinpoint Trend | zusk     |              |                  | Recent APC       |         |
|---------------|------------------|------------|----------------|----------|--------------|------------------|------------------|---------|
|               |                  | APC        |                |          |              |                  |                  |         |
| Age Group     | Time Period      |            | CI 95%         | P Value  | Time Period  | APC <sup>2</sup> | CI 95%           | P Value |
| Cigarette Sm  | oking - Former   |            |                |          |              |                  |                  |         |
| 20-49         | (1995, 2019)     | -0.01      | (-0.33, 0.32)  | 0.96     | (2017, 2019) | -3.54            | (-5.93, -1.09)   | 0.009   |
| 50+           | (1995, 2019)     | -1.07      | (-1.31, -0.82) | < 0.0001 | (2015, 2019) | -0.11            | (-1.07, 0.85)    | 0.81    |
| Cigarette Sm  | oking - Current  | t          |                |          |              |                  |                  |         |
| 20-49         | (1995, 2019)     | -1.63      | (-2.04, -1.22) | < 0.0001 | (2016, 2019) | -1.26            | (-2.43, -0.09)   | 0.03    |
| 50+           | (1995, 2019)     | -2.25      | (-2.62, -1.88) | < 0.0001 | (2013, 2019) | -3.71            | (-4.68, -2.74)   | < 0.000 |
| Alcohol Cons  | umption - Ligh   | t Drinker  |                |          |              |                  |                  |         |
| 20-49         | (2011, 2019)     | 1.30       | (0.70, 1.91)   | < 0.0001 | (2016, 2019) | 0.35             | (-1.45, 2.18)    | 0.62    |
| 50+           | (2011, 2019)     | 0.61       | (0.06, 1.16)   | 0.029    | (2017, 2019) | -1.31            | (-3.99, 1.44)    | 0.2:    |
| Alcohol Cons  | umption - Mod    | erate Drin | ker            |          |              |                  |                  |         |
| 20-49         | (2011, 2019)     | -2.17      | (-2.90, -1.44) | < 0.0001 | (2017, 2019) | -0.75            | (-4.44, 3.08)    | 0.6     |
| 50+           | (2011, 2019)     | -1.10      | (-1.56, -0.64) | < 0.0001 | (2017, 2019) | 0.69             | (-1.66, 3.09)    | 0.4     |
| Alcohol Cons  | umption - Heav   | y Drinker  |                |          |              |                  |                  |         |
| 20-49         | (2011, 2019)     | -3.56      | (-5.03, -2.06) | < 0.0001 | (2016, 2019) | -1.10            | (-5.61, 3.63)    | 0.5:    |
| 50+           | (2011, 2019)     | 0.25       | (-0.27, 0.77)  | 0.29     | (2011, 2019) | 0.25             | (-0.27, 0.77)    | 0.29    |
| Body Mass Ir  | ndex (BMI) - Ov  | verweight  |                |          |              |                  |                  |         |
| 20-49         | (1995, 2019)     | -0.41      | (-0.67, -0.14) | 0.0026   | (2015, 2019) | 0.39             | (-0.49, 1.28)    | 0.3     |
| 50+           | (1995, 2019)     | -0.39      | (-0.57, -0.20) | < 0.0001 | (2007, 2019) | -0.24            | (-0.40, -0.09)   | 0.004   |
| Body Mass Ir  | idex (BMI) - Ol  | bese       |                |          |              |                  |                  |         |
| 20-49         | (1995, 2019)     | 2.19       | (1.89, 2.50)   | < 0.0001 | (2001, 2019) | 0.79             | (0.58, 1.01)     | <0.000  |
| 50+           | (1995, 2019)     | 2.11       | (1.69, 2.53)   | < 0.0001 | (2009, 2019) | 0.50             | (0.21, 0.80)     | 0.0024  |
| Physical Inac | tivity - Below U | K Recom    | mendations     |          |              |                  |                  |         |
| 20-49         | (2003, 2012)     | -1.86      | (-3.51, -0.18) | 0.039    | (2003, 2012) | -1.86            | (-3.51, -0.18)   | 0.039   |
| 50+           | (2003, 2012)     | -0.73      | (-0.93, -0.53) | 0.0014   | (2003, 2012) | -0.73            | (-0.93, -0.53)   | 0.0014  |
| Fibre Intake  | Deficiency - Bel | low UK Re  | ecommendations |          |              |                  |                  |         |
| 20-49         | (2008, 2018)     | -0.38      | (-1.34, 0.58)  | 0.43     | (2016, 2018) | 2.19             | (-3.31, 8.00)    | 0.3     |
| 50+           | (2008, 2018)     | -0.30      | (-0.50, -0.10) | 0.0072   | (2008, 2018) | -0.30            | (-0.50, -0.10)   | 0.007   |
|               | nsumption - Mo   |            | ,              |          |              |                  |                  |         |
| 20-49         | (2008, 2018)     | -7.41      | (-8.92, -5.87) | < 0.0001 | (2016, 2018) | -19.99           | (-27.17, -12.10) | 0.0012  |

<sup>&</sup>lt;sup>2</sup> Annual Percentage Change

| Joinpoint Trends in Risk Factors Men |                |                     |                |                 |              |         |                 |         |  |  |  |  |  |
|--------------------------------------|----------------|---------------------|----------------|-----------------|--------------|---------|-----------------|---------|--|--|--|--|--|
|                                      |                | APC                 |                | Most Recent APC |              |         |                 |         |  |  |  |  |  |
| Age Group                            | Time Period    | $\mathbf{AAPC}^{I}$ | CI 95%         | P Value         | Time Period  | $APC^2$ | CI 95%          | P Value |  |  |  |  |  |
| 50+                                  | (2008, 2018)   | -4.40               | (-8.10, -0.54) | 0.026           | (2016, 2018) | -13.92  | (-31.34, 7.91)  | 0.16    |  |  |  |  |  |
| Processed Me                         | eat Consumptio | n - Media           | n              |                 |              |         |                 |         |  |  |  |  |  |
| 20-49                                | (2008, 2018)   | -4.88               | (-7.38, -2.32) | 0.00023         | (2012, 2018) | -7.77   | (-10.91, -4.52) | 0.0012  |  |  |  |  |  |
| 50+                                  | (2008, 2018)   | -2.03               | (-5.33, 1.38)  | 0.24            | (2013, 2018) | -9.97   | (-15.25, -4.36) | 0.0054  |  |  |  |  |  |

Average Annual Percentage Change

<sup>&</sup>lt;sup>2</sup> Annual Percentage Change