**Supplementary Table 3:** Categories of savings for cardiovascular disease and type 2 diabetes (AUD $m).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Cardiovascular Disease** | | | **Type 2 Diabetes** | | |
|  | 10% higher | Adequate | Target | 10% higher | Adequate | Target |
| **Healthcare expenditure savings** |  |  |  |  |  |  |
| Hospital | 131.3 | 278.1 | 620.8 | 36.1 | 78.0 | 171.2 |
| Males | 84.9 | 185.6 | 461.8 | 22.6 | 50.1 | 123.7 |
| Females | 46.4 | 92.5 | 159.3 | 13.5 | 27.9 | 47.5 |
| Out-of-hospital | 42.6 | 89.2 | 190.6 | 11.6 | 25.0 | 54.6 |
| Males | 22.1 | 48.4 | 120.3 | 7.1 | 15.7 | 38.9 |
| Females | 20.5 | 40.9 | 70.3 | 4.5 | 9.3 | 15.8 |
| Pharmaceutical | 47.6 | 100.0 | 215.2 | 13.0 | 28.0 | 60.1 |
| Males | 25.7 | 56.3 | 139.9 | 7.3 | 16.3 | 40.1 |
| Females | 22.0 | 43.7 | 75.2 | 5.7 | 11.7 | 19.9 |
| **Total** | **221.5** | **467.3** | **1,026.5** | **60.7** | **131.0** | **275.9** |
| **Productivity cost savings** |  |  |  |  |  |  |
| Increased employment | 29.8 | 62.7 | 136.9 | 69.0 | 142.3 | 242.2 |
| Premature death averted | 39.9 | 78.9 | 173.1 | 15.6 | 34.3 | 81.0 |
| Absenteeism reduced | 1.3 | 2.7 | 6.0 | 17.9 | 39.0 | 90.0 |
| Presenteeism reduced† | 63.8 | 134.4 | 293.5 | 200.1 | 437.0 | 1,008.7 |
| **Total** | **134.8** | **278.8** | **609.4** | **302.6** | **652.6** | **1,421.9** |

‘10% higher’ is a 10% increase in current fibre intakes and is equivalent to an increase of between 2.1-2.5 grams per day; ‘adequate intake’ is an increase in current dietary fibre intake to 30 grams per day for males and 25 grams per day for females and is equivalent to an increase of 3.9-5.2 grams per day; and ‘target intake’ is an increase in current dietary intake to 38 grams per day for males and 28 grams per day for females and is equivalent to an increase of 6.9-13.2 grams per day. All scenarios increase fibre intake using cereal fibre.

†Cardiovascular disease presenteeism is based on presenteeism costs for stroke.