

Montana

Direct Costs

| Chronic Disease | 2003 | | | 2023 | | | | | | | | | | | |
|----------------------|-----------------|--------------------------|-----------------------------------|---------------------|------------|--------------------------|------------|-----------------------------------|------------|--------------------------|---------|--------------------------|---------|---------------------------------|---------|
| | PRC (Thousands) | Expenditure per PRC (\$) | Total Expenditure (US\$ Billions) | Projections - Level | | | | | | Projections - Difference | | | | | |
| | | | | PRC (Thousands) | | Expenditure per PRC (\$) | | Total Expenditure (US\$ Billions) | | PRC (Thousands) | | Expenditure per PRC (\$) | | Avoidable Costs (US\$ Billions) | |
| | | | | Baseline | Optimistic | Baseline | Optimistic | Baseline | Optimistic | Absolute | Percent | Absolute | Percent | Absolute | Percent |
| Cancer | 31 | 4,317 | 0.14 | 51 | 42 | 8,665 | 7,776 | 0.45 | 0.33 | -9 | -17.92 | -889 | -10.26 | -0.12 | -26.34 |
| Breast cancer | 3 | 4,479 | 0.01 | 5 | 4 | 9,016 | 8,087 | 0.04 | 0.03 | -1 | -12.30 | -929 | -10.31 | -0.01 | -21.34 |
| Colon cancer | 1 | 12,481 | 0.01 | 2 | 1 | 27,656 | 24,818 | 0.04 | 0.03 | 0 | -17.67 | -2,838 | -10.26 | -0.01 | -26.12 |
| Lung cancer | 1 | 16,523 | 0.02 | 2 | 1 | 33,348 | 29,911 | 0.06 | 0.04 | 0 | -18.44 | -3,437 | -10.31 | -0.02 | -26.85 |
| Prostate cancer | 3 | 3,875 | 0.01 | 6 | 5 | 7,994 | 7,171 | 0.05 | 0.03 | -1 | -21.48 | -823 | -10.30 | -0.01 | -29.56 |
| Other cancers | 23 | 3,275 | 0.08 | 38 | 31 | 6,827 | 6,124 | 0.26 | 0.19 | -7 | -18.00 | -702 | -10.29 | -0.07 | -26.44 |
| Diabetes | 31 | 1,964 | 0.06 | 57 | 50 | 4,061 | 3,643 | 0.23 | 0.18 | -8 | -13.30 | -418 | -10.29 | -0.05 | -22.22 |
| Heart disease | 54 | 3,699 | 0.20 | 89 | 58 | 8,131 | 7,296 | 0.73 | 0.43 | -31 | -34.63 | -835 | -10.26 | -0.30 | -41.34 |
| Pulmonary conditions | 129 | 907 | 0.12 | 169 | 145 | 1,943 | 1,743 | 0.33 | 0.25 | -24 | -14.05 | -200 | -10.28 | -0.08 | -22.89 |
| Hypertension | 86 | 865 | 0.07 | 122 | 99 | 1,793 | 1,608 | 0.22 | 0.16 | -23 | -18.70 | -185 | -10.29 | -0.06 | -27.06 |
| Stroke | 8 | 6,418 | 0.05 | 11 | 9 | 14,389 | 12,913 | 0.17 | 0.12 | -2 | -18.84 | -1,476 | -10.25 | -0.04 | -27.17 |
| Mental disorders | 141 | 1,725 | 0.25 | 215 | 189 | 3,536 | 3,172 | 0.76 | 0.60 | -27 | -12.35 | -364 | -10.30 | -0.16 | -21.38 |
| Total | 481 | 1,837 | 0.88 | 715 | 592 | 4,440 | 3,984 | 2.88 | 2.07 | -123 | -17.19 | -456 | -10.28 | -0.81 | -28.19 |

Indirect Impacts* (US\$ Billions)

| Chronic Disease | 2003 | 2023 | | | | | | | | | | | |
|------------------------|-------|----------------|------------|--------------|------------|----------------|------------|--------------|------------|---------------------|------------|--------------------------|---------|
| | Total | Individual | | | | Caregiver | | | | Total | | | |
| | Level | Lost Work Days | | Presenteeism | | Lost Work Days | | Presenteeism | | Projections - Level | | Projections - Difference | |
| | | Baseline | Optimistic | Baseline | Optimistic | Baseline | Optimistic | Baseline | Optimistic | Baseline | Optimistic | Absolute | Percent |
| Cancer | 0.80 | 0.15 | 0.12 | 2.48 | 1.47 | 0.0106 | 0.0086 | 0.24 | 0.16 | 2.87 | 1.75 | -1.12 | -38.96 |
| Breast cancer | 0.07 | 0.01 | 0.01 | 0.23 | 0.14 | 0.0010 | 0.0008 | 0.02 | 0.02 | 0.26 | 0.17 | -0.09 | -34.82 |
| Colon cancer | 0.09 | 0.01 | 0.01 | 0.24 | 0.14 | 0.0010 | 0.0008 | 0.02 | 0.02 | 0.28 | 0.17 | -0.11 | -38.78 |
| Lung cancer | 0.13 | 0.02 | 0.02 | 0.31 | 0.19 | 0.0013 | 0.0011 | 0.03 | 0.02 | 0.36 | 0.22 | -0.14 | -39.39 |
| Prostate cancer | 0.07 | 0.02 | 0.01 | 0.27 | 0.15 | 0.0012 | 0.0009 | 0.03 | 0.02 | 0.32 | 0.18 | -0.13 | -41.63 |
| Other cancers | 0.45 | 0.08 | 0.07 | 1.42 | 0.84 | 0.0061 | 0.0049 | 0.14 | 0.09 | 1.65 | 1.01 | -0.64 | -39.05 |
| Diabetes | 0.24 | 0.09 | 0.08 | 0.77 | 0.60 | 0.0075 | 0.0065 | 0.08 | 0.06 | 0.95 | 0.76 | -0.20 | -20.76 |
| Heart disease | 0.29 | 0.21 | 0.14 | 0.75 | 0.41 | 0.0204 | 0.0133 | 0.07 | 0.04 | 1.05 | 0.60 | -0.45 | -43.01 |
| Asthma | 0.25 | 0.14 | 0.12 | 0.50 | 0.40 | 0.0101 | 0.0087 | 0.05 | 0.04 | 0.69 | 0.57 | -0.12 | -17.74 |
| Hypertension | 0.66 | 0.29 | 0.24 | 1.53 | 1.21 | 0.0289 | 0.0235 | 0.15 | 0.12 | 2.00 | 1.59 | -0.41 | -20.55 |
| Stroke | 0.07 | 0.04 | 0.03 | 0.17 | 0.13 | 0.0028 | 0.0022 | 0.02 | 0.01 | 0.23 | 0.17 | -0.05 | -23.35 |
| Emotional disturbances | 0.80 | 0.29 | 0.25 | 2.11 | 1.77 | 0.0210 | 0.0184 | 0.20 | 0.17 | 2.62 | 2.21 | -0.41 | -15.54 |
| Total | 3.10 | 1.21 | 0.98 | 8.30 | 5.99 | 0.10 | 0.08 | 0.81 | 0.60 | 10.42 | 7.65 | -2.76 | -26.53 |

* Based on Nominal GDP

Intergenerational Impacts

| Variables | 1970 | 2003 | 2023 | | 2023 | | 2050 | | 2050 | |
|-------------------------------|-------|-------|---------------------|------------|--------------------------|---------|---------------------|------------|--------------------------|---------|
| | | | Projections - Level | | Projections - Difference | | Projections - Level | | Projections - Difference | |
| | | | Baseline | Optimistic | Absolute | Percent | Baseline | Optimistic | Absolute | Percent |
| Bachelor's degrees (percent) | 11.00 | 23.77 | 28.63 | 30.50 | 1.87 | 6.52 | 35.93 | 42.18 | 6.25 | 17.40 |
| Capital stock (US\$ Billions) | 22.73 | 94.61 | 195.35 | 202.49 | 7.14 | 3.64 | 533.09 | 585.06 | 51.97 | 9.72 |
| Life expectancy at 65 (years) | 15.31 | 18.51 | 20.24 | 21.41 | 1.17 | 5.77 | 23.14 | 25.38 | 2.24 | 9.66 |
| GDP* by state (US\$ Billions) | 4.43 | 24.91 | 46.05 | 49.31 | 3.26 | 7.07 | 77.44 | 91.09 | 13.65 | 17.62 |

*Based on Real GDP