

Washington

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 | 222 | 4,407 | 0.98 | 390 | 321 | 8,884 | 7,973 | 3.47 | 2.56 | -69 | -17.78 | -911 | -10.25 | -0.91 | -26.21 |
| Breast cancer | 23 | 4,916 | 0.11 | 40 | 35 | 9,919 | 8,893 | 0.39 | 0.31 | -5 | -12.30 | -1,026 | -10.34 | -0.08 | -21.37 |
| Colon cancer | 8 | 11,646 | 0.09 | 11 | 9 | 25,876 | 23,212 | 0.28 | 0.21 | -2 | -17.67 | -2,663 | -10.29 | -0.07 | -26.14 |
| Lung cancer | 9 | 17,207 | 0.16 | 13 | 11 | 34,810 | 31,211 | 0.46 | 0.34 | -2 | -18.44 | -3,599 | -10.34 | -0.12 | -26.88 |
| Prostate cancer | 20 | 4,010 | 0.08 | 39 | 31 | 8,293 | 7,436 | 0.32 | 0.23 | -8 | -21.48 | -856 | -10.33 | -0.10 | -29.59 |
| Other cancers | 163 | 3,344 | 0.54 | 288 | 236 | 6,987 | 6,266 | 2.01 | 1.48 | -52 | -18.00 | -721 | -10.32 | -0.53 | -26.47 |
| Diabetes | 249 | 2,041 | 0.51 | 418 | 362 | 4,231 | 3,794 | 1.77 | 1.37 | -56 | -13.30 | -437 | -10.33 | -0.39 | -22.25 |
| Heart disease | 302 | 3,467 | 1.05 | 487 | 319 | 7,642 | 6,855 | 3.72 | 2.18 | -169 | -34.63 | -787 | -10.30 | -1.54 | -41.36 |
| Pulmonary conditions | 993 | 891 | 0.88 | 1,390 | 1,195 | 1,913 | 1,716 | 2.66 | 2.05 | -195 | -14.05 | -197 | -10.31 | -0.61 | -22.91 |
| Hypertension | 644 | 917 | 0.59 | 962 | 782 | 1,905 | 1,708 | 1.83 | 1.34 | -180 | -18.70 | -197 | -10.33 | -0.50 | -27.09 |
| Stroke | 49 | 5,797 | 0.28 | 73 | 59 | 13,032 | 11,692 | 0.95 | 0.69 | -14 | -18.84 | -1,341 | -10.29 | -0.26 | -27.19 |
| Mental disorders | 307 | 1,820 | 0.57 | 511 | 448 | 3,741 | 3,354 | 1.91 | 1.50 | -63 | -12.35 | -386 | -10.33 | -0.41 | -21.40 |
| Total | 2,767 | 1,756 | 4.86 | 4,231 | 3,485 | 4,446 | 3,988 | 16.31 | 11.69 | -746 | -17.62 | -458 | -10.30 | -4.61 | -28.29 |

Indirect Impacts* (US\$ Billions)

| Chronic Disease | 2023 | | | | | | | | | | | | | |
|------------------------|----------------|------------|--------------|------------|----------------|------------|--------------|------------|---------------------|------------|--------------------------|---------|--------|-------|
| | 2023 | | | | | | | | | | | | | Total |
| | 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 | 5.70 | 1.11 | 0.91 | 18.78 | 11.17 | 0.080 | 0.065 | 1.82 | 1.18 | 21.78 | 13.32 | -8.46 | -38.86 | |
| Breast cancer | 0.65 | 0.13 | 0.11 | 2.12 | 1.35 | 0.009 | 0.008 | 0.21 | 0.14 | 2.46 | 1.61 | -0.86 | -34.84 | |
| Colon cancer | 0.51 | 0.09 | 0.07 | 1.52 | 0.91 | 0.006 | 0.005 | 0.15 | 0.10 | 1.76 | 1.08 | -0.68 | -38.80 | |
| Lung cancer | 0.91 | 0.15 | 0.12 | 2.50 | 1.47 | 0.011 | 0.009 | 0.24 | 0.16 | 2.90 | 1.76 | -1.14 | -39.41 | |
| Prostate cancer | 0.47 | 0.10 | 0.08 | 1.75 | 0.99 | 0.007 | 0.006 | 0.17 | 0.10 | 2.03 | 1.18 | -0.84 | -41.66 | |
| Other cancers | 3.15 | 0.64 | 0.52 | 10.89 | 6.45 | 0.046 | 0.038 | 1.05 | 0.68 | 12.63 | 7.70 | -4.93 | -39.07 | |
| Diabetes | 1.90 | 0.69 | 0.60 | 5.62 | 4.41 | 0.055 | 0.047 | 0.60 | 0.47 | 6.96 | 5.52 | -1.45 | -20.76 | |
| Heart disease | 1.65 | 1.13 | 0.74 | 4.11 | 2.25 | 0.111 | 0.073 | 0.40 | 0.22 | 5.75 | 3.28 | -2.47 | -43.01 | |
| Asthma | 1.89 | 1.15 | 0.99 | 4.09 | 3.32 | 0.083 | 0.072 | 0.40 | 0.32 | 5.71 | 4.70 | -1.01 | -17.74 | |
| Hypertension | 4.89 | 2.32 | 1.89 | 12.06 | 9.54 | 0.228 | 0.186 | 1.17 | 0.92 | 15.78 | 12.54 | -3.24 | -20.55 | |
| Stroke | 0.45 | 0.24 | 0.20 | 1.06 | 0.80 | 0.018 | 0.014 | 0.10 | 0.08 | 1.42 | 1.09 | -0.33 | -23.35 | |
| Emotional disturbances | 1.73 | 0.69 | 0.60 | 5.01 | 4.21 | 0.050 | 0.044 | 0.48 | 0.40 | 6.23 | 5.26 | -0.97 | -15.54 | |
| Total | 18.22 | 7.33 | 5.92 | 50.72 | 35.69 | 0.63 | 0.50 | 4.96 | 3.59 | 63.64 | 45.70 | -17.94 | -28.19 | |

* Based on Nominal GDP

Intergenerational Impacts

| Variables | 2023 | | | | | | | | | |
|-------------------------------|--------|--------|---------------------|------------|--------------------------|---------|---------------------|------------|--------------------------|---------|
| | 1970 | 2003 | 2023 | | | | 2050 | | | |
| | | | Projections - Level | | Projections - Difference | | Projections - Level | | Projections - Difference | |
| | | | Baseline | Optimistic | Absolute | Percent | Baseline | Optimistic | Absolute | Percent |
| Bachelor's degrees (percent) | 12.70 | 28.00 | 33.03 | 35.19 | 2.16 | 6.53 | 41.15 | 48.29 | 7.14 | 17.34 |
| Capital stock (US\$ Billions) | 138.10 | 481.20 | 1045.09 | 1083.30 | 38.21 | 3.64 | 4080.93 | 4477.37 | 396.44 | 9.72 |
| Life expectancy at 65 (years) | 15.26 | 18.84 | 20.60 | 21.79 | 1.19 | 5.77 | 23.56 | 25.83 | 2.27 | 9.63 |
| GDP* by state (US\$ Billions) | 35.05 | 246.15 | 431.94 | 462.52 | 30.58 | 7.08 | 983.40 | 1156.04 | 172.64 | 17.56 |

*Based on Real GDP