# Montana Departmentof Revenue 

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Director

To:
Mike Kadas, Director
From: Dan Dodds, Senior Economist
Date: $\quad$ April 4, 2013
Subject: Taxpayer impacts of SB 282.03
The following graphs show impacts of SB282, as passed by the Senate Taxation Committee, on groups of taxpayers. For each group, there are four graphs. The first shows the percent of returns with a tax increase of at least $5 \%$ or $\$ 50$, the percent with a tax decrease of at least $5 \%$ or $\$ 50$, and the percent with less than $5 \%$ or $\$ 50$ change. The second graph shows the average change in tax liability at different income levels. The third graph shows the same information as the second with the scale expanded to show more detail about changes for returns with low and middle incomes. The fourth graph shows the percentage change in tax liability at different income levels. Tables attached at the end show the data for each set of graphs.

The graphs show returns grouped by

- All Returns (pages 2-5)
- Filing status on 2011 return
o Head of Household (pages 6-9),
o Joint (pages 10-13),
o Married Separate (pages 14-17), and
o Single (pages 18-21)
- Whether taxpayers have dependents

0 Dependents (pages 22-25), and
o No Dependents (pages 26-29)

- Age
o Returns with one taxpayer age 65 or older (pages $30-33$ ), and
o Returns with no taxpayer age 65 or older (pages $34-37$ )
- Capital Gains
o Returns with a net loss on the capital gains line (pages 38-41),
0 Returns with zero capital gains (pages 42-45), and
o Returns with a net gain on the capital gains line (pages 46-49),
- Deductions
o Returns with Itemized Deductions (pages 50-53), and
o Returns taking the Standard Deduction (pages 54-57)

All Returns





## Returns Grouped by Filing Status


















Taxpayers Grouped by Whether They Claimed Dependents

## \% With Increase, Decrease \& No Change Taxpayers with No Dependents










Taxpayers Grouped by Whether Age 65 and Older









Taxpayers Grouped by Whether Have Capital Gains, Losses, or Neither













Taxpayers Grouped by Whether Itemized or Took Standard Deduction









| Total Household Income | Head of Household Returns |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number of Returns | \% with Tax <br> Increase > <br> $5 \%$ or $\$ 50$ | \% with Tax Decrease > $5 \%$ or $\$ 50$ | \% with Change $5 \%$ or $\$$ |
| Less Than \$0 | 3,224 | 0\% | 0\% | 100\% |
| \$0,000-\$2,000 | 11,790 | 0\% | 0\% | 100\% |
| \$2,000-\$4,000 | 12,894 | 0\% | 0\% | 10\% |
| \$4,000-\$6,000 | 13,037 | 0\% | 9\% | \% |
| \$6,000-\$8,000 | 12,643 | 0\% | 35\% | 5\% |
| \$8,000-\$10,000 | 11,576 | 0\% | 64\% | $36 \%$ |
| \$10,000- \$12,000 | 10,923 | 1\% | 62\% | 37\% |
| \$12,000-\$14,000 | 10,137 | 6\% | 35\% | 59\% |
| \$14,000-\$16,000 | 9,422 | 11\% | 28\% | 61\% |
| \$16,000-\$18,000 | 8,683 | 14\% | 27\% | 59\% |
| \$18,000- \$20,000 | 8,261 | 21\% | 24\% | 55\% |
| \$20,000-\$25,000 | 17,999 | 30\% | 21\% | 49\% |
| \$25,000-\$30,000 | 14,534 | 40\% | 19\% | 41\% |
| \$30,000-\$35,000 | 11,399 | 47\% | 35\% | 18\% |
| \$35,000-\$40,000 | 8,936 | 52\% | 34\% | 14\% |
| \$40,000-\$45,000 | 7,437 | 52\% | 35\% | 13\% |
| \$45,000-\$50,000 | 6,133 | 53\% | 33\% | 13\% |
| \$50,000-\$55,000 | 4,992 | 45\% | 34\% | 20\% |
| \$55,000-\$60,000 | 4,026 | 35\% | 34\% | 31\% |
| \$60,000-\$65,000 | 3,184 | 31\% | 37\% | 32\% |
| \$65,000-\$70,000 | 2,453 | 31\% | 46\% | 24\% |
| \$70,000-\$75,000 | 1,892 | 22\% | 61\% | 17\% |
| \$75,000-\$80,000 | 1,467 | 18\% | 66\% | 16\% |
| \$80,000-\$90,000 | 2,143 | 13\% | 75\% | 12\% |
| \$90,000-\$100,000 | 1,380 | 10\% | 79\% | 10\% |
| \$100,000-\$110,000 | 964 | 11\% | 81\% | 9\% |
| \$110,000-\$120,000 | 641 | 6\% | 88\% | 6\% |
| \$120,000-\$130,000 | 452 | 7\% | 87\% | 5\% |
| \$130,000-\$140,000 | 325 | 8\% | 85\% | 7\% |
| \$140,000-\$150,000 | 267 | 3\% | 93\% | 4\% |
| \$150,000-\$175,000 | 486 | 4\% | 93\% | 3\% |
| \$175,000-\$200,000 | 274 | 4\% | 93\% | 2\% |
| \$200,000-\$300,000 | 524 | 8\% | 90\% | 2\% |
| \$300,000-\$400,000 | 204 | 17\% | 79\% | 4\% |
| \$400,000-\$500,000 | 89 | 12\% | 83\% | 5\% |
| Over \$500,000 | 190 | 12\% | 86\% | 2\% |
| Total | 204,981 | 19\% | 30\% | 50\% |


|  | Returns with No Dependents |  |  |  | Returns with Dependents |  |  |  | Returns with No Taxpayer Age 65 or Over |  |  |  | Returns with Taxpayer Age 65 or Over |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Household Income | Number of Returns | \% with Tax Increase > $5 \%$ or $\$ 50$ | \% with Tax Decrease > $5 \%$ or $\$ 50$ | \% with Change < $5 \%$ or \$50 | Number of Returns | \% with Tax Increase > $5 \%$ or $\$ 50$ | \% with Tax Decrease > $5 \%$ or $\$ 50$ | \% with <br> Change < <br> $5 \%$ or $\$ 50$ | Number of Returns | \% with Tax Increase > $5 \%$ or \$50 | \% with Tax <br> Decrease > <br> $5 \%$ or $\$ 50$ | \% with Change < $5 \%$ or \$50 | Number of Returns | \% with Tax Increase > $5 \%$ or $\$ 50$ | $\%$ with Tax Decrease > $5 \%$ or $\$ 50$ | \% with Change $5 \%$ or \$5 |
| Less Than \$0 | 5,215 | 0\% | 0\% | 100\% | 767 | 0\% | 0\% | 100\% | 3,684 | 0\% | 0\% | 100\% | 2,298 | 0\% | 0\% | 100\% |
| \$0,000-\$2,000 | 12,961 | 0\% | 0\% | 100\% | 805 | 0\% | 0\% | 100\% | 10,152 | 0\% | 0\% | 100\% | 3,614 | 0\% | 0\% | 100\% |
| \$2,000-\$4,000 | 13,747 | 0\% | 0\% | 100\% | 1,332 | 0\% | 0\% | 100\% | 12,764 | 0\% | 0\% | 100\% | 2,315 | 0\% | 0\% | 100\% |
| \$4,000-\$6,000 | 13,937 | 0\% | 8\% | 92\% | 1,813 | 0\% | 0\% | 100\% | 13,235 | 0\% | 9\% | 91\% | 2,515 | 0\% | 0\% | 100\% |
| \$6,000-\$8,000 | 13,736 | 0\% | 32\% | 68\% | 2,298 | 0\% | 0\% | 100\% | 13,164 | 0\% | 34\% | 66\% | 2,870 | 0\% | 0\% | 100\% |
| \$8,000-\$10,000 | 12,842 | 0\% | 59\% | 41\% | 2,640 | 0\% | 0\% | 100\% | 12,548 | 0\% | 60\% | 40\% | 2,934 | 0\% | 1\% | 99\% |
| \$10,000-\$12,000 | 12,297 | 1\% | 57\% | 42\% | 3,089 | 1\% | 7\% | 91\% | 12,258 | 1\% | 57\% | 42\% | 3,128 | 0\% | 6\% | 94\% |
| \$12,000-\$14,000 | 11,767 | 4\% | 33\% | 63\% | 3,304 | 5\% | 28\% | 67\% | 11,908 | 5\% | 37\% | 58\% | 3,163 | 0\% | 14\% | 86\% |
| \$14,000-\$16,000 | 11,218 | 8\% | 27\% | 65\% | 3,416 | 7\% | 46\% | 48\% | 11,470 | 9\% | 34\% | 56\% | 3,164 | 0\% | 21\% | 79\% |
| \$16,000-\$18,000 | 10,559 | 11\% | 27\% | 62\% | 3,481 | 6\% | 57\% | 36\% | 11,251 | 12\% | 38\% | 50\% | 2,789 | 2\% | 22\% | 77\% |
| \$18,000-\$20,000 | 10,321 | 17\% | 25\% | 58\% | 3,412 | 8\% | 61\% | 30\% | 11,104 | 17\% | 37\% | 46\% | 2,629 | 6\% | 22\% | 72\% |
| \$20,000-\$25,000 | 22,939 | 26\% | 24\% | 51\% | 8,508 | 10\% | 64\% | 27\% | 26,006 | 22\% | 37\% | 41\% | 5,441 | 20\% | 21\% | 60\% |
| \$25,000-\$30,000 | 19,400 | 34\% | 23\% | 43\% | 7,433 | 13\% | 62\% | 25\% | 22,105 | 27\% | 37\% | 36\% | 4,728 | 35\% | 20\% | 45\% |
| \$30,000-\$35,000 | 16,209 | 42\% | 36\% | 22\% | 6,601 | 17\% | 60\% | 23\% | 18,673 | 33\% | 47\% | 20\% | 4,137 | 41\% | 30\% | 29\% |
| \$35,000-\$40,000 | 13,668 | 49\% | 35\% | 16\% | 6,064 | 23\% | 57\% | 21\% | 16,401 | 39\% | 44\% | 16\% | 3,331 | 46\% | 31\% | 23\% |
| \$40,000-\$45,000 | 12,119 | 52\% | 34\% | 14\% | 5,604 | 28\% | 54\% | 18\% | 14,534 | 43\% | 43\% | 14\% | 3,189 | 49\% | 31\% | 20\% |
| \$45,000-\$50,000 | 10,792 | 57\% | 31\% | 12\% | 5,115 | 33\% | 52\% | 16\% | 13,042 | 47\% | 40\% | 12\% | 2,865 | 54\% | 28\% | 18\% |
| \$50,000-\$55,000 | 9,714 | 55\% | 30\% | 15\% | 4,930 | 36\% | 50\% | 14\% | 11,799 | 46\% | 40\% | 14\% | 2,845 | 56\% | 26\% | 18\% |
| \$55,000-\$60,000 | 8,546 | 55\% | 27\% | 18\% | 4,901 | 38\% | 47\% | 15\% | 10,892 | 46\% | 37\% | 17\% | 2,555 | 60\% | 24\% | 17\% |
| \$60,000-\$65,000 | 7,798 | 59\% | 25\% | 16\% | 4,536 | 38\% | 47\% | 15\% | 9,901 | 48\% | 37\% | 16\% | 2,433 | 64\% | 22\% | 14\% |
| \$65,000-\$70,000 | 7,051 | 64\% | 24\% | 12\% | 4,489 | 38\% | 46\% | 16\% | 9,219 | 49\% | 37\% | 14\% | 2,321 | 71\% | 17\% | 12\% |
| \$70,000-\$75,000 | 6,261 | 65\% | 26\% | 9\% | 4,134 | 38\% | 45\% | 17\% | 8,385 | 49\% | 38\% | 13\% | 2,010 | 74\% | 15\% | 11\% |
| \$75,000-\$80,000 | 5,674 | 65\% | 26\% | 9\% | 3,795 | 34\% | 45\% | 20\% | 7,561 | 47\% | 39\% | 14\% | 1,908 | 74\% | 14\% | 11\% |
| \$80,000-\$90,000 | 9,424 | 63\% | 28\% | 9\% | 6,943 | 31\% | 46\% | 22\% | 13,161 | 43\% | 41\% | 16\% | 3,206 | 76\% | 14\% | 9\% |
| \$90,000-\$100,000 | 7,198 | 57\% | 31\% | 11\% | 5,734 | 24\% | 55\% | 21\% | 10,605 | 35\% | 48\% | 17\% | 2,327 | 75\% | 17\% | 8\% |
| \$100,000-\$110,000 | 5,260 | 49\% | 35\% | 17\% | 4,480 | 18\% | 61\% | 21\% | 7,950 | 26\% | 53\% | 21\% | 1,790 | 71\% | 20\% | 9\% |
| \$110,000-\$120,000 | 3,863 | 39\% | 41\% | 20\% | 3,431 | 15\% | 68\% | 17\% | 6,000 | 20\% | 60\% | 20\% | 1,294 | 62\% | 26\% | 12\% |
| \$120,000-\$130,000 | 2,957 | 35\% | 48\% | 17\% | 2,525 | 10\% | 78\% | 12\% | 4,485 | 15\% | 71\% | 14\% | 997 | 57\% | 28\% | 15\% |
| \$130,000-\$140,000 | 2,062 | 30\% | 59\% | 12\% | 1,849 | 7\% | 88\% | 6\% | 3,208 | 11\% | 82\% | 7\% | 703 | 51\% | 34\% | 15\% |
| \$140,000-\$150,000 | 1,661 | 21\% | 70\% | 9\% | 1,344 | 6\% | 89\% | 6\% | 2,416 | 8\% | 86\% | 6\% | 589 | 42\% | 43\% | 15\% |
| \$150,000-\$175,000 | 2,813 | 15\% | 77\% | 8\% | 2,194 | 4\% | 92\% | 3\% | 3,930 | 5\% | 91\% | 4\% | 1,077 | 34\% | 54\% | 12\% |
| \$175,000-\$200,000 | 1,636 | 10\% | 86\% | 5\% | 1,221 | 2\% | 95\% | 3\% | 2,209 | 3\% | 94\% | 2\% | 648 | 21\% | 69\% | 10\% |
| \$200,000-\$300,000 | 2,807 | 11\% | 86\% | 4\% | 2,223 | 3\% | 95\% | 2\% | 3,862 | 4\% | 95\% | 2\% | 1,168 | 23\% | 70\% | 7\% |
| \$300,000-\$400,000 | 946 | 29\% | 67\% | 4\% | 791 | 28\% | 69\% | 3\% | 1,353 | 24\% | 72\% | 4\% | 384 | 46\% | 50\% | 4\% |
| \$400,000-\$500,000 | 463 | 24\% | 71\% | 5\% | 358 | 27\% | 69\% | 4\% | 641 | 20\% | 76\% | 4\% | 180 | 0\% | 0\% | 0\% |
| Over \$ $\$ 00,000$ | 967 | 14\% | 84\% | 1\% | 791 | 12\% | 86\% | 2\% | 1,359 | 10\% | 89\% | 1\% | 399 | 24\% | 73\% | 3\% |
| Total | 310,828 | 28\% | 30\% | 42\% | 126,351 | 19\% | 52\% | 29\% | 353,235 | 24\% | 40\% | 36\% | 83,944 | 32\% | 19\% | 48\% |

Taxpayers with Capital Losses

| Total Household Income | Number of Returns | $\%$ with Tax Increase > $5 \%$ or $\$ 50$ | $\%$ with Tax Decrease > $5 \%$ or $\$ 50$ | \% with Change < $5 \%$ or $\$ 50$ |
| :---: | :---: | :---: | :---: | :---: |
| Less Than \$0 | 2,231 | 0\% | 0\% | 100\% |
| \$0,000-\$2,000 | 1,065 | 0\% | 0\% | 100\% |
| \$2,000-\$4,000 | 955 | 0\% | 0\% | 100\% |
| \$4,000-\$6,000 | 937 | 1\% | 1\% | 98\% |
| \$6,000-\$8,000 | 963 | 0\% | 10\% | 90\% |
| \$8,000-\$10,000 | 893 | 0\% | 18\% | 81\% |
| \$10,000-\$12,000 | 869 | 1\% | 18\% | 81 |
| \$12,000-\$14,000 | 820 | 3\% | 13\% | 84 |
| \$14,000-\$16,000 | 860 | 3\% | 16\% | 81\% |
| \$16,000-\$18,000 | 753 | 9\% | 13\% | 78\% |
| \$18,000-\$20,000 | 743 | 16\% | 14\% | 70\% |
| \$20,000-\$25,000 | 1,642 | 27\% | 15\% | 58\% |
| \$25,000-\$30,000 | 1,560 | 41\% | 17\% | 42\% |
| \$30,000-\$35,000 | 1,496 | 47\% | 24\% | 29\% |
| \$35,000-\$40,000 | 1,402 | 52\% | 27\% | 21\% |
| \$40,000-\$45,000 | 1,324 | 57\% | 24\% | 18\% |
| \$45,000-\$50,000 | 1,372 | 57\% | 25\% | 17\% |
| \$50,000-\$55,000 | 1,316 | 55\% | 28\% | 17\% |
| \$55,000-\$60,000 | 1,234 | 58\% | 27\% | 15\% |
| \$60,000-\$65,000 | 1,232 | 57\% | 25\% | 18\% |
| \$65,000-\$70,000 | 1,146 | 63\% | 24\% | 13\% |
| \$70,000-\$75,000 | 1,061 | 64\% | 24\% | 13\% |
| \$75,000-\$80,000 | 1,043 | 62\% | 27\% | 12\% |
| \$80,000-\$90,000 | 1,905 | 59\% | 27\% | 13\% |
| \$90,000-\$100,000 | 1,512 | 53\% | 34\% | 13\% |
| \$100,000-\$110,000 | 1,278 | 47\% | 38\% | 15\% |
| \$110,000-\$120,000 | 1,052 | 37\% | 50\% | 14\% |
| \$120,000-\$130,000 | 847 | 28\% | 57\% | 15\% |
| \$130,000-\$140,000 | 643 | 19\% | 71\% | 10\% |
| \$140,000-\$150,000 | 524 | 15\% | 76\% | 9\% |
| \$150,000-\$175,000 | 993 | 11\% | 83\% | 6\% |
| \$175,000-\$200,000 | 618 | 7\% | 90\% | 3\% |
| \$200,000-\$300,000 | 1,249 | 6\% | 92\% | 2\% |
| \$300,000-\$400,000 | 466 | 24\% | 72\% | 4\% |
| \$400,000-\$500,000 | 242 | 23\% | 74\% | 3\% |
| Over \$ $\$ 500,000$ | 588 | 10\% | 88\% | 2\% |
| Total | 38,834 | 32\% | 30\% | 39\% |

Taxpayers with No Capital Gains
$\%$ with Tax $\%$ with Tax $\%$ with Number of $\begin{array}{lll}\text { Increase> }> & \% \text { with } \mathrm{Dax} & \% \text { with } \\ \text { Decrease }> & \text { Change < }\end{array}$

Taxpayers with Capital Gains
$\%$ with Tax $\%$ with Tax $\%$ with $\begin{array}{ccccc}\text { Number of } & \text { Increase> } & \text { Decrease > } & \text { Change < }\end{array}$

Taxpayers Taking the Standard Deduction
$\begin{array}{cccc} & \text { \% with Tax } & \text { \% with Tax } & \text { \% with } \\ \text { Number of } & \text { Increase > } & \text { Decrease > } & \text { Change } \\ \text { Returns } & 5 \% \text { or } \$ 50 & 5 \% \text { or } \$ 50 & 5 \% \text { or } \$ 50\end{array}$ Returns $\quad 5 \%$ or $\$ 50 \quad 5 \%$ or $\$ 50 \quad 5 \%$ or $\$ 5$


Impacts of SB 282.02 by Decile of Total Household Income


