

1040

NOTE: THIS BOOKLET DOES NOT CONTAIN TAX FORMS

TAX TABLES

2015

This booklet contains Tax Tables from the Instructions for Form 1040 only.



Department of the Treasury Internal Revenue Service IRS.gov

Cat. No. 24327A

2015 Tax Table



See the instructions for line 44 to see if you must use the Tax Table below to figure your tax.

Example. Mr. and Mrs. Brown are filing a joint return. Their taxable income on Form 1040, line 43, is \$25,300. First, they find the \$25,300-25,350 taxable income line. Next, they find the column for married filing jointly and read down the column. The amount shown where the taxable income line and filing status column meet is \$2,876. This is the tax amount they should enter on Form 1040, line 44.

Sample Table

| At Least | But Less Than | Single | Married filing jointly* | Married filing separately | Head of a household |
|---------------------|---------------|--------|-------------------------|---------------------------|---------------------|
| Your tax is— | | | | | |
| 25,200 | 25,250 | 3,323 | 2,861 | 3,323 | 3,126 |
| 25,250 | 25,300 | 3,330 | 2,869 | 3,330 | 3,134 |
| 25,300 | 25,350 | 3,338 | 2,876 | 3,338 | 3,141 |
| 25,350 | 25,400 | 3,345 | 2,884 | 3,345 | 3,149 |

| If line 43 (taxable income) is— | | And you are— | | | | If line 43 (taxable income) is— | | And you are— | | | | If line 43 (taxable income) is— | | And you are— | | | |
|---------------------------------|---------------|---------------------|--------------------------|---------------------------|---------------------|---------------------------------|---------------|---------------------|--------------------------|---------------------------|---------------------|---------------------------------|---------------|---------------------|--------------------------|---------------------------|---------------------|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household |
| | | Your tax is— | | | | | | Your tax is— | | | | | | Your tax is— | | | |
| 0 | 5 | 0 | 0 | 0 | 0 | 1,000 | | | | | | 2,000 | | | | | |
| 5 | 15 | 1 | 1 | 1 | 1 | 1,000 | 1,025 | 101 | 101 | 101 | 101 | 2,000 | 2,025 | 201 | 201 | 201 | 201 |
| 15 | 25 | 2 | 2 | 2 | 2 | 1,025 | 1,050 | 104 | 104 | 104 | 104 | 2,025 | 2,050 | 204 | 204 | 204 | 204 |
| 25 | 50 | 4 | 4 | 4 | 4 | 1,050 | 1,075 | 106 | 106 | 106 | 106 | 2,050 | 2,075 | 206 | 206 | 206 | 206 |
| 50 | 75 | 6 | 6 | 6 | 6 | 1,075 | 1,100 | 109 | 109 | 109 | 109 | 2,075 | 2,100 | 209 | 209 | 209 | 209 |
| 75 | 100 | 9 | 9 | 9 | 9 | 1,100 | 1,125 | 111 | 111 | 111 | 111 | 2,100 | 2,125 | 211 | 211 | 211 | 211 |
| 100 | 125 | 11 | 11 | 11 | 11 | 1,125 | 1,150 | 114 | 114 | 114 | 114 | 2,125 | 2,150 | 214 | 214 | 214 | 214 |
| 125 | 150 | 14 | 14 | 14 | 14 | 1,150 | 1,175 | 116 | 116 | 116 | 116 | 2,150 | 2,175 | 216 | 216 | 216 | 216 |
| 150 | 175 | 16 | 16 | 16 | 16 | 1,175 | 1,200 | 119 | 119 | 119 | 119 | 2,175 | 2,200 | 219 | 219 | 219 | 219 |
| 175 | 200 | 19 | 19 | 19 | 19 | 1,200 | 1,225 | 121 | 121 | 121 | 121 | 2,200 | 2,225 | 221 | 221 | 221 | 221 |
| 200 | 225 | 21 | 21 | 21 | 21 | 1,225 | 1,250 | 124 | 124 | 124 | 124 | 2,225 | 2,250 | 224 | 224 | 224 | 224 |
| 225 | 250 | 24 | 24 | 24 | 24 | 1,250 | 1,275 | 126 | 126 | 126 | 126 | 2,250 | 2,275 | 226 | 226 | 226 | 226 |
| 250 | 275 | 26 | 26 | 26 | 26 | 1,275 | 1,300 | 129 | 129 | 129 | 129 | 2,275 | 2,300 | 229 | 229 | 229 | 229 |
| 275 | 300 | 29 | 29 | 29 | 29 | 1,300 | 1,325 | 131 | 131 | 131 | 131 | 2,300 | 2,325 | 231 | 231 | 231 | 231 |
| 300 | 325 | 31 | 31 | 31 | 31 | 1,325 | 1,350 | 134 | 134 | 134 | 134 | 2,325 | 2,350 | 234 | 234 | 234 | 234 |
| 325 | 350 | 34 | 34 | 34 | 34 | 1,350 | 1,375 | 136 | 136 | 136 | 136 | 2,350 | 2,375 | 236 | 236 | 236 | 236 |
| 350 | 375 | 36 | 36 | 36 | 36 | 1,375 | 1,400 | 139 | 139 | 139 | 139 | 2,375 | 2,400 | 239 | 239 | 239 | 239 |
| 375 | 400 | 39 | 39 | 39 | 39 | 1,400 | 1,425 | 141 | 141 | 141 | 141 | 2,400 | 2,425 | 241 | 241 | 241 | 241 |
| 400 | 425 | 41 | 41 | 41 | 41 | 1,425 | 1,450 | 144 | 144 | 144 | 144 | 2,425 | 2,450 | 244 | 244 | 244 | 244 |
| 425 | 450 | 44 | 44 | 44 | 44 | 1,450 | 1,475 | 146 | 146 | 146 | 146 | 2,450 | 2,475 | 246 | 246 | 246 | 246 |
| 450 | 475 | 46 | 46 | 46 | 46 | 1,475 | 1,500 | 149 | 149 | 149 | 149 | 2,475 | 2,500 | 249 | 249 | 249 | 249 |
| 475 | 500 | 49 | 49 | 49 | 49 | 1,500 | 1,525 | 151 | 151 | 151 | 151 | 2,500 | 2,525 | 251 | 251 | 251 | 251 |
| 500 | 525 | 51 | 51 | 51 | 51 | 1,525 | 1,550 | 154 | 154 | 154 | 154 | 2,525 | 2,550 | 254 | 254 | 254 | 254 |
| 525 | 550 | 54 | 54 | 54 | 54 | 1,550 | 1,575 | 156 | 156 | 156 | 156 | 2,550 | 2,575 | 256 | 256 | 256 | 256 |
| 550 | 575 | 56 | 56 | 56 | 56 | 1,575 | 1,600 | 159 | 159 | 159 | 159 | 2,575 | 2,600 | 259 | 259 | 259 | 259 |
| 575 | 600 | 59 | 59 | 59 | 59 | 1,600 | 1,625 | 161 | 161 | 161 | 161 | 2,600 | 2,625 | 261 | 261 | 261 | 261 |
| 600 | 625 | 61 | 61 | 61 | 61 | 1,625 | 1,650 | 164 | 164 | 164 | 164 | 2,625 | 2,650 | 264 | 264 | 264 | 264 |
| 625 | 650 | 64 | 64 | 64 | 64 | 1,650 | 1,675 | 166 | 166 | 166 | 166 | 2,650 | 2,675 | 266 | 266 | 266 | 266 |
| 650 | 675 | 66 | 66 | 66 | 66 | 1,675 | 1,700 | 169 | 169 | 169 | 169 | 2,675 | 2,700 | 269 | 269 | 269 | 269 |
| 675 | 700 | 69 | 69 | 69 | 69 | 1,700 | 1,725 | 171 | 171 | 171 | 171 | 2,700 | 2,725 | 271 | 271 | 271 | 271 |
| 700 | 725 | 71 | 71 | 71 | 71 | 1,725 | 1,750 | 174 | 174 | 174 | 174 | 2,725 | 2,750 | 274 | 274 | 274 | 274 |
| 725 | 750 | 74 | 74 | 74 | 74 | 1,750 | 1,775 | 176 | 176 | 176 | 176 | 2,750 | 2,775 | 276 | 276 | 276 | 276 |
| 750 | 775 | 76 | 76 | 76 | 76 | 1,775 | 1,800 | 179 | 179 | 179 | 179 | 2,775 | 2,800 | 279 | 279 | 279 | 279 |
| 775 | 800 | 79 | 79 | 79 | 79 | 1,800 | 1,825 | 181 | 181 | 181 | 181 | 2,800 | 2,825 | 281 | 281 | 281 | 281 |
| 800 | 825 | 81 | 81 | 81 | 81 | 1,825 | 1,850 | 184 | 184 | 184 | 184 | 2,825 | 2,850 | 284 | 284 | 284 | 284 |
| 825 | 850 | 84 | 84 | 84 | 84 | 1,850 | 1,875 | 186 | 186 | 186 | 186 | 2,850 | 2,875 | 286 | 286 | 286 | 286 |
| 850 | 875 | 86 | 86 | 86 | 86 | 1,875 | 1,900 | 189 | 189 | 189 | 189 | 2,875 | 2,900 | 289 | 289 | 289 | 289 |
| 875 | 900 | 89 | 89 | 89 | 89 | 1,900 | 1,925 | 191 | 191 | 191 | 191 | 2,900 | 2,925 | 291 | 291 | 291 | 291 |
| 900 | 925 | 91 | 91 | 91 | 91 | 1,925 | 1,950 | 194 | 194 | 194 | 194 | 2,925 | 2,950 | 294 | 294 | 294 | 294 |
| 925 | 950 | 94 | 94 | 94 | 94 | 1,950 | 1,975 | 196 | 196 | 196 | 196 | 2,950 | 2,975 | 296 | 296 | 296 | 296 |
| 950 | 975 | 96 | 96 | 96 | 96 | 1,975 | 2,000 | 199 | 199 | 199 | 199 | 2,975 | 3,000 | 299 | 299 | 299 | 299 |
| 975 | 1,000 | 99 | 99 | 99 | 99 | | | | | | | | | | | | |

(Continued)

* This column must also be used by a qualifying widow(er).

| If line 43 (taxable income) is— | | And you are— | | | | If line 43 (taxable income) is— | | And you are— | | | | If line 43 (taxable income) is— | | And you are— | | | |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household |
| | | Your tax is— | | | | | | Your tax is— | | | | | | Your tax is— | | | |
| 3,000 | | | | | | 6,000 | | | | | | 9,000 | | | | | |
| 3,000 | 3,050 | 303 | 303 | 303 | 303 | 6,000 | 6,050 | 603 | 603 | 603 | 603 | 9,000 | 9,050 | 903 | 903 | 903 | 903 |
| 3,050 | 3,100 | 308 | 308 | 308 | 308 | 6,050 | 6,100 | 608 | 608 | 608 | 608 | 9,050 | 9,100 | 908 | 908 | 908 | 908 |
| 3,100 | 3,150 | 313 | 313 | 313 | 313 | 6,100 | 6,150 | 613 | 613 | 613 | 613 | 9,100 | 9,150 | 913 | 913 | 913 | 913 |
| 3,150 | 3,200 | 318 | 318 | 318 | 318 | 6,150 | 6,200 | 618 | 618 | 618 | 618 | 9,150 | 9,200 | 918 | 918 | 918 | 918 |
| 3,200 | 3,250 | 323 | 323 | 323 | 323 | 6,200 | 6,250 | 623 | 623 | 623 | 623 | 9,200 | 9,250 | 923 | 923 | 923 | 923 |
| 3,250 | 3,300 | 328 | 328 | 328 | 328 | 6,250 | 6,300 | 628 | 628 | 628 | 628 | 9,250 | 9,300 | 930 | 930 | 930 | 930 |
| 3,300 | 3,350 | 333 | 333 | 333 | 333 | 6,300 | 6,350 | 633 | 633 | 633 | 633 | 9,300 | 9,350 | 938 | 938 | 938 | 938 |
| 3,350 | 3,400 | 338 | 338 | 338 | 338 | 6,350 | 6,400 | 638 | 638 | 638 | 638 | 9,350 | 9,400 | 945 | 945 | 945 | 945 |
| 3,400 | 3,450 | 343 | 343 | 343 | 343 | 6,400 | 6,450 | 643 | 643 | 643 | 643 | 9,400 | 9,450 | 953 | 953 | 953 | 953 |
| 3,450 | 3,500 | 348 | 348 | 348 | 348 | 6,450 | 6,500 | 648 | 648 | 648 | 648 | 9,450 | 9,500 | 960 | 960 | 960 | 960 |
| 3,500 | 3,550 | 353 | 353 | 353 | 353 | 6,500 | 6,550 | 653 | 653 | 653 | 653 | 9,500 | 9,550 | 968 | 968 | 968 | 968 |
| 3,550 | 3,600 | 358 | 358 | 358 | 358 | 6,550 | 6,600 | 658 | 658 | 658 | 658 | 9,550 | 9,600 | 975 | 975 | 975 | 975 |
| 3,600 | 3,650 | 363 | 363 | 363 | 363 | 6,600 | 6,650 | 663 | 663 | 663 | 663 | 9,600 | 9,650 | 983 | 983 | 983 | 983 |
| 3,650 | 3,700 | 368 | 368 | 368 | 368 | 6,650 | 6,700 | 668 | 668 | 668 | 668 | 9,650 | 9,700 | 990 | 990 | 990 | 990 |
| 3,700 | 3,750 | 373 | 373 | 373 | 373 | 6,700 | 6,750 | 673 | 673 | 673 | 673 | 9,700 | 9,750 | 998 | 998 | 998 | 998 |
| 3,750 | 3,800 | 378 | 378 | 378 | 378 | 6,750 | 6,800 | 678 | 678 | 678 | 678 | 9,750 | 9,800 | 1,005 | 978 | 1,005 | 978 |
| 3,800 | 3,850 | 383 | 383 | 383 | 383 | 6,800 | 6,850 | 683 | 683 | 683 | 683 | 9,800 | 9,850 | 1,013 | 983 | 1,013 | 983 |
| 3,850 | 3,900 | 388 | 388 | 388 | 388 | 6,850 | 6,900 | 688 | 688 | 688 | 688 | 9,850 | 9,900 | 1,020 | 988 | 1,020 | 988 |
| 3,900 | 3,950 | 393 | 393 | 393 | 393 | 6,900 | 6,950 | 693 | 693 | 693 | 693 | 9,900 | 9,950 | 1,028 | 993 | 1,028 | 993 |
| 3,950 | 4,000 | 398 | 398 | 398 | 398 | 6,950 | 7,000 | 698 | 698 | 698 | 698 | 9,950 | 10,000 | 1,035 | 998 | 1,035 | 998 |
| 4,000 | | | | | | 7,000 | | | | | | 10,000 | | | | | |
| 4,000 | 4,050 | 403 | 403 | 403 | 403 | 7,000 | 7,050 | 703 | 703 | 703 | 703 | 10,000 | 10,050 | 1,043 | 1,003 | 1,043 | 1,003 |
| 4,050 | 4,100 | 408 | 408 | 408 | 408 | 7,050 | 7,100 | 708 | 708 | 708 | 708 | 10,050 | 10,100 | 1,050 | 1,008 | 1,050 | 1,008 |
| 4,100 | 4,150 | 413 | 413 | 413 | 413 | 7,100 | 7,150 | 713 | 713 | 713 | 713 | 10,100 | 10,150 | 1,058 | 1,013 | 1,058 | 1,013 |
| 4,150 | 4,200 | 418 | 418 | 418 | 418 | 7,150 | 7,200 | 718 | 718 | 718 | 718 | 10,150 | 10,200 | 1,065 | 1,018 | 1,065 | 1,018 |
| 4,200 | 4,250 | 423 | 423 | 423 | 423 | 7,200 | 7,250 | 723 | 723 | 723 | 723 | 10,200 | 10,250 | 1,073 | 1,023 | 1,073 | 1,023 |
| 4,250 | 4,300 | 428 | 428 | 428 | 428 | 7,250 | 7,300 | 728 | 728 | 728 | 728 | 10,250 | 10,300 | 1,080 | 1,028 | 1,080 | 1,028 |
| 4,300 | 4,350 | 433 | 433 | 433 | 433 | 7,300 | 7,350 | 733 | 733 | 733 | 733 | 10,300 | 10,350 | 1,088 | 1,033 | 1,088 | 1,033 |
| 4,350 | 4,400 | 438 | 438 | 438 | 438 | 7,350 | 7,400 | 738 | 738 | 738 | 738 | 10,350 | 10,400 | 1,095 | 1,038 | 1,095 | 1,038 |
| 4,400 | 4,450 | 443 | 443 | 443 | 443 | 7,400 | 7,450 | 743 | 743 | 743 | 743 | 10,400 | 10,450 | 1,103 | 1,043 | 1,103 | 1,043 |
| 4,450 | 4,500 | 448 | 448 | 448 | 448 | 7,450 | 7,500 | 748 | 748 | 748 | 748 | 10,450 | 10,500 | 1,110 | 1,048 | 1,110 | 1,048 |
| 4,500 | 4,550 | 453 | 453 | 453 | 453 | 7,500 | 7,550 | 753 | 753 | 753 | 753 | 10,500 | 10,550 | 1,118 | 1,053 | 1,118 | 1,053 |
| 4,550 | 4,600 | 458 | 458 | 458 | 458 | 7,550 | 7,600 | 758 | 758 | 758 | 758 | 10,550 | 10,600 | 1,125 | 1,058 | 1,125 | 1,058 |
| 4,600 | 4,650 | 463 | 463 | 463 | 463 | 7,600 | 7,650 | 763 | 763 | 763 | 763 | 10,600 | 10,650 | 1,133 | 1,063 | 1,133 | 1,063 |
| 4,650 | 4,700 | 468 | 468 | 468 | 468 | 7,650 | 7,700 | 768 | 768 | 768 | 768 | 10,650 | 10,700 | 1,140 | 1,068 | 1,140 | 1,068 |
| 4,700 | 4,750 | 473 | 473 | 473 | 473 | 7,700 | 7,750 | 773 | 773 | 773 | 773 | 10,700 | 10,750 | 1,148 | 1,073 | 1,148 | 1,073 |
| 4,750 | 4,800 | 478 | 478 | 478 | 478 | 7,750 | 7,800 | 778 | 778 | 778 | 778 | 10,750 | 10,800 | 1,155 | 1,078 | 1,155 | 1,078 |
| 4,800 | 4,850 | 483 | 483 | 483 | 483 | 7,800 | 7,850 | 783 | 783 | 783 | 783 | 10,800 | 10,850 | 1,163 | 1,083 | 1,163 | 1,083 |
| 4,850 | 4,900 | 488 | 488 | 488 | 488 | 7,850 | 7,900 | 788 | 788 | 788 | 788 | 10,850 | 10,900 | 1,170 | 1,088 | 1,170 | 1,088 |
| 4,900 | 4,950 | 493 | 493 | 493 | 493 | 7,900 | 7,950 | 793 | 793 | 793 | 793 | 10,900 | 10,950 | 1,178 | 1,093 | 1,178 | 1,093 |
| 4,950 | 5,000 | 498 | 498 | 498 | 498 | 7,950 | 8,000 | 798 | 798 | 798 | 798 | 10,950 | 11,000 | 1,185 | 1,098 | 1,185 | 1,098 |
| 5,000 | | | | | | 8,000 | | | | | | 11,000 | | | | | |
| 5,000 | 5,050 | 503 | 503 | 503 | 503 | 8,000 | 8,050 | 803 | 803 | 803 | 803 | 11,000 | 11,050 | 1,193 | 1,103 | 1,193 | 1,103 |
| 5,050 | 5,100 | 508 | 508 | 508 | 508 | 8,050 | 8,100 | 808 | 808 | 808 | 808 | 11,050 | 11,100 | 1,200 | 1,108 | 1,200 | 1,108 |
| 5,100 | 5,150 | 513 | 513 | 513 | 513 | 8,100 | 8,150 | 813 | 813 | 813 | 813 | 11,100 | 11,150 | 1,208 | 1,113 | 1,208 | 1,113 |
| 5,150 | 5,200 | 518 | 518 | 518 | 518 | 8,150 | 8,200 | 818 | 818 | 818 | 818 | 11,150 | 11,200 | 1,215 | 1,118 | 1,215 | 1,118 |
| 5,200 | 5,250 | 523 | 523 | 523 | 523 | 8,200 | 8,250 | 823 | 823 | 823 | 823 | 11,200 | 11,250 | 1,223 | 1,123 | 1,223 | 1,123 |
| 5,250 | 5,300 | 528 | 528 | 528 | 528 | 8,250 | 8,300 | 828 | 828 | 828 | 828 | 11,250 | 11,300 | 1,230 | 1,128 | 1,230 | 1,128 |
| 5,300 | 5,350 | 533 | 533 | 533 | 533 | 8,300 | 8,350 | 833 | 833 | 833 | 833 | 11,300 | 11,350 | 1,238 | 1,133 | 1,238 | 1,133 |
| 5,350 | 5,400 | 538 | 538 | 538 | 538 | 8,350 | 8,400 | 838 | 838 | 838 | 838 | 11,350 | 11,400 | 1,245 | 1,138 | 1,245 | 1,138 |
| 5,400 | 5,450 | 543 | 543 | 543 | 543 | 8,400 | 8,450 | 843 | 843 | 843 | 843 | 11,400 | 11,450 | 1,253 | 1,143 | 1,253 | 1,143 |
| 5,450 | 5,500 | 548 | 548 | 548 | 548 | 8,450 | 8,500 | 848 | 848 | 848 | 848 | 11,450 | 11,500 | 1,260 | 1,148 | 1,260 | 1,148 |
| 5,500 | 5,550 | 553 | 553 | 553 | 553 | 8,500 | 8,550 | 853 | 853 | 853 | 853 | 11,500 | 11,550 | 1,268 | 1,153 | 1,268 | 1,153 |
| 5,550 | 5,600 | 558 | 558 | 558 | 558 | 8,550 | 8,600 | 858 | 858 | 858 | 858 | 11,550 | 11,600 | 1,275 | 1,158 | 1,275 | 1,158 |
| 5,600 | 5,650 | 563 | 563 | 563 | 563 | 8,600 | 8,650 | 863 | 863 | 863 | 863 | 11,600 | 11,650 | 1,283 | 1,163 | 1,283 | 1,163 |
| 5,650 | 5,700 | 568 | 568 | 568 | 568 | 8,650 | 8,700 | 868 | 868 | 868 | 868 | 11,650 | 11,700 | 1,290 | 1,168 | 1,290 | 1,168 |
| 5,700 | 5,750 | 573 | 573 | 573 | 573 | 8,700 | 8,750 | 873 | 873 | 873 | 873 | 11,700 | 11,750 | 1,298 | 1,173 | 1,298 | 1,173 |
| 5,750 | 5,800 | 578 | 578 | 578 | 578 | 8,750 | 8,800 | 878 | 878 | 878 | 878 | 11,750 | 11,800 | 1,305 | 1,178 | 1,305 | 1,178 |
| 5,800 | 5,850 | 583 | 583 | 583 | 583 | 8,800 | 8,850 | 883 | 883 | 883 | 883 | 11,800 | 11,850 | 1,313 | 1,183 | 1,313 | 1,183 |
| 5,850 | 5,900 | 588 | 588 | 588 | 588 | 8,850 | 8,900 | 888 | 888 | 888 | 888 | 11,850 | 11,900 | 1,320 | 1,188 | 1,320 | 1,188 |
| 5,900 | 5,950 | 593 | 593 | 593 | 593 | 8,900 | 8,950 | 893 | 893 | 893 | 893 | 11,900 | 11,950 | 1,328 | 1,193 | 1,328 | 1,193 |
| 5,950 | 6,000 | 598 | 598 | 598 | 598 | 8,950 | 9,000 | 898 | 898 | 898 | 898 | 11,950 | 12,000 | 1,335 | 1,198 | 1,335 | 1,198 |

(Continued)

* This column must also be used by a qualifying widow(er).

| If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|---------------|--|--|--|--|--|---------------|--|--|--|--|--|---------------|--|--|--|--|--|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|---------------|--|--|--|--|--|---------------|--|--|--|--|--|---------------|--|--|--|--|--|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|---------------|--|--|--|--|--|---------------|--|--|--|--|--|---------------|--|--|--|--|--|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12,000 | | | | | | 15,000 | | | | | | 18,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12,000 | 12,050 | 1,343 | 1,203 | 1,343 | 1,203 | 15,000 | 15,050 | 1,793 | 1,503 | 1,793 | 1,596 | 18,000 | 18,050 | 2,243 | 1,803 | 2,243 | 2,046 | 12,050 | 12,100 | 1,350 | 1,208 | 1,350 | 1,208 | 15,050 | 15,100 | 1,800 | 1,508 | 1,800 | 1,604 | 18,050 | 18,100 | 2,250 | 1,808 | 2,250 | 2,054 | 12,100 | 12,150 | 1,358 | 1,213 | 1,358 | 1,213 | 15,100 | 15,150 | 1,808 | 1,513 | 1,808 | 1,611 | 18,100 | 18,150 | 2,258 | 1,813 | 2,258 | 2,061 | 12,150 | 12,200 | 1,365 | 1,218 | 1,365 | 1,218 | 15,150 | 15,200 | 1,815 | 1,518 | 1,815 | 1,619 | 18,150 | 18,200 | 2,265 | 1,818 | 2,265 | 2,069 | 12,200 | 12,250 | 1,373 | 1,223 | 1,373 | 1,223 | 15,200 | 15,250 | 1,823 | 1,523 | 1,823 | 1,626 | 18,200 | 18,250 | 2,273 | 1,823 | 2,273 | 2,076 | 13,000 | | | | | | 16,000 | | | | | | 19,000 | | | | | | 12,250 | 12,300 | 1,380 | 1,228 | 1,380 | 1,228 | 15,250 | 15,300 | 1,830 | 1,528 | 1,830 | 1,634 | 18,250 | 18,300 | 2,280 | 1,828 | 2,280 | 2,084 | 12,300 | 12,350 | 1,388 | 1,233 | 1,388 | 1,233 | 15,300 | 15,350 | 1,838 | 1,533 | 1,838 | 1,641 | 18,300 | 18,350 | 2,288 | 1,833 | 2,288 | 2,091 | 12,350 | 12,400 | 1,395 | 1,238 | 1,395 | 1,238 | 15,350 | 15,400 | 1,845 | 1,538 | 1,845 | 1,649 | 18,350 | 18,400 | 2,295 | 1,838 | 2,295 | 2,099 | 12,400 | 12,450 | 1,403 | 1,243 | 1,403 | 1,243 | 15,400 | 15,450 | 1,853 | 1,543 | 1,853 | 1,656 | 18,400 | 18,450 | 2,303 | 1,843 | 2,303 | 2,106 | 12,450 | 12,500 | 1,410 | 1,248 | 1,410 | 1,248 | 15,450 | 15,500 | 1,860 | 1,548 | 1,860 | 1,664 | 18,450 | 18,500 | 2,310 | 1,849 | 2,310 | 2,114 | 14,000 | | | | | | 17,000 | | | | | | 20,000 | | | | | | 12,500 | 12,550 | 1,418 | 1,253 | 1,418 | 1,253 | 15,500 | 15,550 | 1,868 | 1,553 | 1,868 | 1,671 | 18,500 | 18,550 | 2,318 | 1,856 | 2,318 | 2,121 | 12,550 | 12,600 | 1,425 | 1,258 | 1,425 | 1,258 | 15,550 | 15,600 | 1,875 | 1,558 | 1,875 | 1,679 | 18,550 | 18,600 | 2,325 | 1,864 | 2,325 | 2,129 | 12,600 | 12,650 | 1,433 | 1,263 | 1,433 | 1,263 | 15,600 | 15,650 | 1,883 | 1,563 | 1,883 | 1,686 | 18,600 | 18,650 | 2,333 | 1,871 | 2,333 | 2,136 | 12,650 | 12,700 | 1,440 | 1,268 | 1,440 | 1,268 | 15,650 | 15,700 | 1,890 | 1,568 | 1,890 | 1,694 | 18,650 | 18,700 | 2,340 | 1,879 | 2,340 | 2,144 | 12,700 | 12,750 | 1,448 | 1,273 | 1,448 | 1,273 | 15,700 | 15,750 | 1,898 | 1,573 | 1,898 | 1,701 | 18,700 | 18,750 | 2,348 | 1,886 | 2,348 | 2,151 | 15,000 | | | | | | 18,000 | | | | | | 21,000 | | | | | | 12,750 | 12,800 | 1,455 | 1,278 | 1,455 | 1,278 | 15,750 | 15,800 | 1,905 | 1,578 | 1,905 | 1,709 | 18,750 | 18,800 | 2,355 | 1,894 | 2,355 | 2,159 | 12,800 | 12,850 | 1,463 | 1,283 | 1,463 | 1,283 | 15,800 | 15,850 | 1,913 | 1,583 | 1,913 | 1,716 | 18,800 | 18,850 | 2,363 | 1,901 | 2,363 | 2,166 | 12,850 | 12,900 | 1,470 | 1,288 | 1,470 | 1,288 | 15,850 | 15,900 | 1,920 | 1,588 | 1,920 | 1,724 | 18,850 | 18,900 | 2,370 | 1,909 | 2,370 | 2,174 | 12,900 | 12,950 | 1,478 | 1,293 | 1,478 | 1,293 | 15,900 | 15,950 | 1,928 | 1,593 | 1,928 | 1,731 | 18,900 | 18,950 | 2,378 | 1,916 | 2,378 | 2,181 | 12,950 | 13,000 | 1,485 | 1,298 | 1,485 | 1,298 | 15,950 | 16,000 | 1,935 | 1,598 | 1,935 | 1,739 | 18,950 | 19,000 | 2,385 | 1,924 | 2,385 | 2,189 |
| 13,000 | | | | | | 16,000 | | | | | | 19,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12,250 | 12,300 | 1,380 | 1,228 | 1,380 | 1,228 | 15,250 | 15,300 | 1,830 | 1,528 | 1,830 | 1,634 | 18,250 | 18,300 | 2,280 | 1,828 | 2,280 | 2,084 | 12,300 | 12,350 | 1,388 | 1,233 | 1,388 | 1,233 | 15,300 | 15,350 | 1,838 | 1,533 | 1,838 | 1,641 | 18,300 | 18,350 | 2,288 | 1,833 | 2,288 | 2,091 | 12,350 | 12,400 | 1,395 | 1,238 | 1,395 | 1,238 | 15,350 | 15,400 | 1,845 | 1,538 | 1,845 | 1,649 | 18,350 | 18,400 | 2,295 | 1,838 | 2,295 | 2,099 | 12,400 | 12,450 | 1,403 | 1,243 | 1,403 | 1,243 | 15,400 | 15,450 | 1,853 | 1,543 | 1,853 | 1,656 | 18,400 | 18,450 | 2,303 | 1,843 | 2,303 | 2,106 | 12,450 | 12,500 | 1,410 | 1,248 | 1,410 | 1,248 | 15,450 | 15,500 | 1,860 | 1,548 | 1,860 | 1,664 | 18,450 | 18,500 | 2,310 | 1,849 | 2,310 | 2,114 | 14,000 | | | | | | 17,000 | | | | | | 20,000 | | | | | | 12,500 | 12,550 | 1,418 | 1,253 | 1,418 | 1,253 | 15,500 | 15,550 | 1,868 | 1,553 | 1,868 | 1,671 | 18,500 | 18,550 | 2,318 | 1,856 | 2,318 | 2,121 | 12,550 | 12,600 | 1,425 | 1,258 | 1,425 | 1,258 | 15,550 | 15,600 | 1,875 | 1,558 | 1,875 | 1,679 | 18,550 | 18,600 | 2,325 | 1,864 | 2,325 | 2,129 | 12,600 | 12,650 | 1,433 | 1,263 | 1,433 | 1,263 | 15,600 | 15,650 | 1,883 | 1,563 | 1,883 | 1,686 | 18,600 | 18,650 | 2,333 | 1,871 | 2,333 | 2,136 | 12,650 | 12,700 | 1,440 | 1,268 | 1,440 | 1,268 | 15,650 | 15,700 | 1,890 | 1,568 | 1,890 | 1,694 | 18,650 | 18,700 | 2,340 | 1,879 | 2,340 | 2,144 | 12,700 | 12,750 | 1,448 | 1,273 | 1,448 | 1,273 | 15,700 | 15,750 | 1,898 | 1,573 | 1,898 | 1,701 | 18,700 | 18,750 | 2,348 | 1,886 | 2,348 | 2,151 | 15,000 | | | | | | 18,000 | | | | | | 21,000 | | | | | | 12,750 | 12,800 | 1,455 | 1,278 | 1,455 | 1,278 | 15,750 | 15,800 | 1,905 | 1,578 | 1,905 | 1,709 | 18,750 | 18,800 | 2,355 | 1,894 | 2,355 | 2,159 | 12,800 | 12,850 | 1,463 | 1,283 | 1,463 | 1,283 | 15,800 | 15,850 | 1,913 | 1,583 | 1,913 | 1,716 | 18,800 | 18,850 | 2,363 | 1,901 | 2,363 | 2,166 | 12,850 | 12,900 | 1,470 | 1,288 | 1,470 | 1,288 | 15,850 | 15,900 | 1,920 | 1,588 | 1,920 | 1,724 | 18,850 | 18,900 | 2,370 | 1,909 | 2,370 | 2,174 | 12,900 | 12,950 | 1,478 | 1,293 | 1,478 | 1,293 | 15,900 | 15,950 | 1,928 | 1,593 | 1,928 | 1,731 | 18,900 | 18,950 | 2,378 | 1,916 | 2,378 | 2,181 | 12,950 | 13,000 | 1,485 | 1,298 | 1,485 | 1,298 | 15,950 | 16,000 | 1,935 | 1,598 | 1,935 | 1,739 | 18,950 | 19,000 | 2,385 | 1,924 | 2,385 | 2,189 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14,000 | | | | | | 17,000 | | | | | | 20,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12,500 | 12,550 | 1,418 | 1,253 | 1,418 | 1,253 | 15,500 | 15,550 | 1,868 | 1,553 | 1,868 | 1,671 | 18,500 | 18,550 | 2,318 | 1,856 | 2,318 | 2,121 | 12,550 | 12,600 | 1,425 | 1,258 | 1,425 | 1,258 | 15,550 | 15,600 | 1,875 | 1,558 | 1,875 | 1,679 | 18,550 | 18,600 | 2,325 | 1,864 | 2,325 | 2,129 | 12,600 | 12,650 | 1,433 | 1,263 | 1,433 | 1,263 | 15,600 | 15,650 | 1,883 | 1,563 | 1,883 | 1,686 | 18,600 | 18,650 | 2,333 | 1,871 | 2,333 | 2,136 | 12,650 | 12,700 | 1,440 | 1,268 | 1,440 | 1,268 | 15,650 | 15,700 | 1,890 | 1,568 | 1,890 | 1,694 | 18,650 | 18,700 | 2,340 | 1,879 | 2,340 | 2,144 | 12,700 | 12,750 | 1,448 | 1,273 | 1,448 | 1,273 | 15,700 | 15,750 | 1,898 | 1,573 | 1,898 | 1,701 | 18,700 | 18,750 | 2,348 | 1,886 | 2,348 | 2,151 | 15,000 | | | | | | 18,000 | | | | | | 21,000 | | | | | | 12,750 | 12,800 | 1,455 | 1,278 | 1,455 | 1,278 | 15,750 | 15,800 | 1,905 | 1,578 | 1,905 | 1,709 | 18,750 | 18,800 | 2,355 | 1,894 | 2,355 | 2,159 | 12,800 | 12,850 | 1,463 | 1,283 | 1,463 | 1,283 | 15,800 | 15,850 | 1,913 | 1,583 | 1,913 | 1,716 | 18,800 | 18,850 | 2,363 | 1,901 | 2,363 | 2,166 | 12,850 | 12,900 | 1,470 | 1,288 | 1,470 | 1,288 | 15,850 | 15,900 | 1,920 | 1,588 | 1,920 | 1,724 | 18,850 | 18,900 | 2,370 | 1,909 | 2,370 | 2,174 | 12,900 | 12,950 | 1,478 | 1,293 | 1,478 | 1,293 | 15,900 | 15,950 | 1,928 | 1,593 | 1,928 | 1,731 | 18,900 | 18,950 | 2,378 | 1,916 | 2,378 | 2,181 | 12,950 | 13,000 | 1,485 | 1,298 | 1,485 | 1,298 | 15,950 | 16,000 | 1,935 | 1,598 | 1,935 | 1,739 | 18,950 | 19,000 | 2,385 | 1,924 | 2,385 | 2,189 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15,000 | | | | | | 18,000 | | | | | | 21,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12,750 | 12,800 | 1,455 | 1,278 | 1,455 | 1,278 | 15,750 | 15,800 | 1,905 | 1,578 | 1,905 | 1,709 | 18,750 | 18,800 | 2,355 | 1,894 | 2,355 | 2,159 | 12,800 | 12,850 | 1,463 | 1,283 | 1,463 | 1,283 | 15,800 | 15,850 | 1,913 | 1,583 | 1,913 | 1,716 | 18,800 | 18,850 | 2,363 | 1,901 | 2,363 | 2,166 | 12,850 | 12,900 | 1,470 | 1,288 | 1,470 | 1,288 | 15,850 | 15,900 | 1,920 | 1,588 | 1,920 | 1,724 | 18,850 | 18,900 | 2,370 | 1,909 | 2,370 | 2,174 | 12,900 | 12,950 | 1,478 | 1,293 | 1,478 | 1,293 | 15,900 | 15,950 | 1,928 | 1,593 | 1,928 | 1,731 | 18,900 | 18,950 | 2,378 | 1,916 | 2,378 | 2,181 | 12,950 | 13,000 | 1,485 | 1,298 | 1,485 | 1,298 | 15,950 | 16,000 | 1,935 | 1,598 | 1,935 | 1,739 | 18,950 | 19,000 | 2,385 | 1,924 | 2,385 | 2,189 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

(Continued)

* This column must also be used by a qualifying widow(er).

| If line 43 (taxable income) is— | | And you are— | | | | If line 43 (taxable income) is— | | And you are— | | | | If line 43 (taxable income) is— | | And you are— | | | |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household |
| | | Your tax is— | | | | | | Your tax is— | | | | | | Your tax is— | | | |
| 21,000 | | | | | | 24,000 | | | | | | 27,000 | | | | | |
| 21,000 | 21,050 | 2,693 | 2,231 | 2,693 | 2,496 | 24,000 | 24,050 | 3,143 | 2,681 | 3,143 | 2,946 | 27,000 | 27,050 | 3,593 | 3,131 | 3,593 | 3,396 |
| 21,050 | 21,100 | 2,700 | 2,239 | 2,700 | 2,504 | 24,050 | 24,100 | 3,150 | 2,689 | 3,150 | 2,954 | 27,050 | 27,100 | 3,600 | 3,139 | 3,600 | 3,404 |
| 21,100 | 21,150 | 2,708 | 2,246 | 2,708 | 2,511 | 24,100 | 24,150 | 3,158 | 2,696 | 3,158 | 2,961 | 27,100 | 27,150 | 3,608 | 3,146 | 3,608 | 3,411 |
| 21,150 | 21,200 | 2,715 | 2,254 | 2,715 | 2,519 | 24,150 | 24,200 | 3,165 | 2,704 | 3,165 | 2,969 | 27,150 | 27,200 | 3,615 | 3,154 | 3,615 | 3,419 |
| 21,200 | 21,250 | 2,723 | 2,261 | 2,723 | 2,526 | 24,200 | 24,250 | 3,173 | 2,711 | 3,173 | 2,976 | 27,200 | 27,250 | 3,623 | 3,161 | 3,623 | 3,426 |
| 21,250 | 21,300 | 2,730 | 2,269 | 2,730 | 2,534 | 24,250 | 24,300 | 3,180 | 2,719 | 3,180 | 2,984 | 27,250 | 27,300 | 3,630 | 3,169 | 3,630 | 3,434 |
| 21,300 | 21,350 | 2,738 | 2,276 | 2,738 | 2,541 | 24,300 | 24,350 | 3,188 | 2,726 | 3,188 | 2,991 | 27,300 | 27,350 | 3,638 | 3,176 | 3,638 | 3,441 |
| 21,350 | 21,400 | 2,745 | 2,284 | 2,745 | 2,549 | 24,350 | 24,400 | 3,195 | 2,734 | 3,195 | 2,999 | 27,350 | 27,400 | 3,645 | 3,184 | 3,645 | 3,449 |
| 21,400 | 21,450 | 2,753 | 2,291 | 2,753 | 2,556 | 24,400 | 24,450 | 3,203 | 2,741 | 3,203 | 3,006 | 27,400 | 27,450 | 3,653 | 3,191 | 3,653 | 3,456 |
| 21,450 | 21,500 | 2,760 | 2,299 | 2,760 | 2,564 | 24,450 | 24,500 | 3,210 | 2,749 | 3,210 | 3,014 | 27,450 | 27,500 | 3,660 | 3,199 | 3,660 | 3,464 |
| 21,500 | 21,550 | 2,768 | 2,306 | 2,768 | 2,571 | 24,500 | 24,550 | 3,218 | 2,756 | 3,218 | 3,021 | 27,500 | 27,550 | 3,668 | 3,206 | 3,668 | 3,471 |
| 21,550 | 21,600 | 2,775 | 2,314 | 2,775 | 2,579 | 24,550 | 24,600 | 3,225 | 2,764 | 3,225 | 3,029 | 27,550 | 27,600 | 3,675 | 3,214 | 3,675 | 3,479 |
| 21,600 | 21,650 | 2,783 | 2,321 | 2,783 | 2,586 | 24,600 | 24,650 | 3,233 | 2,771 | 3,233 | 3,036 | 27,600 | 27,650 | 3,683 | 3,221 | 3,683 | 3,486 |
| 21,650 | 21,700 | 2,790 | 2,329 | 2,790 | 2,594 | 24,650 | 24,700 | 3,240 | 2,779 | 3,240 | 3,044 | 27,650 | 27,700 | 3,690 | 3,229 | 3,690 | 3,494 |
| 21,700 | 21,750 | 2,798 | 2,336 | 2,798 | 2,601 | 24,700 | 24,750 | 3,248 | 2,786 | 3,248 | 3,051 | 27,700 | 27,750 | 3,698 | 3,236 | 3,698 | 3,501 |
| 21,750 | 21,800 | 2,805 | 2,344 | 2,805 | 2,609 | 24,750 | 24,800 | 3,255 | 2,794 | 3,255 | 3,059 | 27,750 | 27,800 | 3,705 | 3,244 | 3,705 | 3,509 |
| 21,800 | 21,850 | 2,813 | 2,351 | 2,813 | 2,616 | 24,800 | 24,850 | 3,263 | 2,801 | 3,263 | 3,066 | 27,800 | 27,850 | 3,713 | 3,251 | 3,713 | 3,516 |
| 21,850 | 21,900 | 2,820 | 2,359 | 2,820 | 2,624 | 24,850 | 24,900 | 3,270 | 2,809 | 3,270 | 3,074 | 27,850 | 27,900 | 3,720 | 3,259 | 3,720 | 3,524 |
| 21,900 | 21,950 | 2,828 | 2,366 | 2,828 | 2,631 | 24,900 | 24,950 | 3,278 | 2,816 | 3,278 | 3,081 | 27,900 | 27,950 | 3,728 | 3,266 | 3,728 | 3,531 |
| 21,950 | 22,000 | 2,835 | 2,374 | 2,835 | 2,639 | 24,950 | 25,000 | 3,285 | 2,824 | 3,285 | 3,089 | 27,950 | 28,000 | 3,735 | 3,274 | 3,735 | 3,539 |
| 22,000 | | | | | | 25,000 | | | | | | 28,000 | | | | | |
| 22,000 | 22,050 | 2,843 | 2,381 | 2,843 | 2,646 | 25,000 | 25,050 | 3,293 | 2,831 | 3,293 | 3,096 | 28,000 | 28,050 | 3,743 | 3,281 | 3,743 | 3,546 |
| 22,050 | 22,100 | 2,850 | 2,389 | 2,850 | 2,654 | 25,050 | 25,100 | 3,300 | 2,839 | 3,300 | 3,104 | 28,050 | 28,100 | 3,750 | 3,289 | 3,750 | 3,554 |
| 22,100 | 22,150 | 2,858 | 2,396 | 2,858 | 2,661 | 25,100 | 25,150 | 3,308 | 2,846 | 3,308 | 3,111 | 28,100 | 28,150 | 3,758 | 3,296 | 3,758 | 3,561 |
| 22,150 | 22,200 | 2,865 | 2,404 | 2,865 | 2,669 | 25,150 | 25,200 | 3,315 | 2,854 | 3,315 | 3,119 | 28,150 | 28,200 | 3,765 | 3,304 | 3,765 | 3,569 |
| 22,200 | 22,250 | 2,873 | 2,411 | 2,873 | 2,676 | 25,200 | 25,250 | 3,323 | 2,861 | 3,323 | 3,126 | 28,200 | 28,250 | 3,773 | 3,311 | 3,773 | 3,576 |
| 22,250 | 22,300 | 2,880 | 2,419 | 2,880 | 2,684 | 25,250 | 25,300 | 3,330 | 2,869 | 3,330 | 3,134 | 28,250 | 28,300 | 3,780 | 3,319 | 3,780 | 3,584 |
| 22,300 | 22,350 | 2,888 | 2,426 | 2,888 | 2,691 | 25,300 | 25,350 | 3,338 | 2,876 | 3,338 | 3,141 | 28,300 | 28,350 | 3,788 | 3,326 | 3,788 | 3,591 |
| 22,350 | 22,400 | 2,895 | 2,434 | 2,895 | 2,699 | 25,350 | 25,400 | 3,345 | 2,884 | 3,345 | 3,149 | 28,350 | 28,400 | 3,795 | 3,334 | 3,795 | 3,599 |
| 22,400 | 22,450 | 2,903 | 2,441 | 2,903 | 2,706 | 25,400 | 25,450 | 3,353 | 2,891 | 3,353 | 3,156 | 28,400 | 28,450 | 3,803 | 3,341 | 3,803 | 3,606 |
| 22,450 | 22,500 | 2,910 | 2,449 | 2,910 | 2,714 | 25,450 | 25,500 | 3,360 | 2,899 | 3,360 | 3,164 | 28,450 | 28,500 | 3,810 | 3,349 | 3,810 | 3,614 |
| 22,500 | 22,550 | 2,918 | 2,456 | 2,918 | 2,721 | 25,500 | 25,550 | 3,368 | 2,906 | 3,368 | 3,171 | 28,500 | 28,550 | 3,818 | 3,356 | 3,818 | 3,621 |
| 22,550 | 22,600 | 2,925 | 2,464 | 2,925 | 2,729 | 25,550 | 25,600 | 3,375 | 2,914 | 3,375 | 3,179 | 28,550 | 28,600 | 3,825 | 3,364 | 3,825 | 3,629 |
| 22,600 | 22,650 | 2,933 | 2,471 | 2,933 | 2,736 | 25,600 | 25,650 | 3,383 | 2,921 | 3,383 | 3,186 | 28,600 | 28,650 | 3,833 | 3,371 | 3,833 | 3,636 |
| 22,650 | 22,700 | 2,940 | 2,479 | 2,940 | 2,744 | 25,650 | 25,700 | 3,390 | 2,929 | 3,390 | 3,194 | 28,650 | 28,700 | 3,840 | 3,379 | 3,840 | 3,644 |
| 22,700 | 22,750 | 2,948 | 2,486 | 2,948 | 2,751 | 25,700 | 25,750 | 3,398 | 2,936 | 3,398 | 3,201 | 28,700 | 28,750 | 3,848 | 3,386 | 3,848 | 3,651 |
| 22,750 | 22,800 | 2,955 | 2,494 | 2,955 | 2,759 | 25,750 | 25,800 | 3,405 | 2,944 | 3,405 | 3,209 | 28,750 | 28,800 | 3,855 | 3,394 | 3,855 | 3,659 |
| 22,800 | 22,850 | 2,963 | 2,501 | 2,963 | 2,766 | 25,800 | 25,850 | 3,413 | 2,951 | 3,413 | 3,216 | 28,800 | 28,850 | 3,863 | 3,401 | 3,863 | 3,666 |
| 22,850 | 22,900 | 2,970 | 2,509 | 2,970 | 2,774 | 25,850 | 25,900 | 3,420 | 2,959 | 3,420 | 3,224 | 28,850 | 28,900 | 3,870 | 3,409 | 3,870 | 3,674 |
| 22,900 | 22,950 | 2,978 | 2,516 | 2,978 | 2,781 | 25,900 | 25,950 | 3,428 | 2,966 | 3,428 | 3,231 | 28,900 | 28,950 | 3,878 | 3,416 | 3,878 | 3,681 |
| 22,950 | 23,000 | 2,985 | 2,524 | 2,985 | 2,789 | 25,950 | 26,000 | 3,435 | 2,974 | 3,435 | 3,239 | 28,950 | 29,000 | 3,885 | 3,424 | 3,885 | 3,689 |
| 23,000 | | | | | | 26,000 | | | | | | 29,000 | | | | | |
| 23,000 | 23,050 | 2,993 | 2,531 | 2,993 | 2,796 | 26,000 | 26,050 | 3,443 | 2,981 | 3,443 | 3,246 | 29,000 | 29,050 | 3,893 | 3,431 | 3,893 | 3,696 |
| 23,050 | 23,100 | 3,000 | 2,539 | 3,000 | 2,804 | 26,050 | 26,100 | 3,450 | 2,989 | 3,450 | 3,254 | 29,050 | 29,100 | 3,900 | 3,439 | 3,900 | 3,704 |
| 23,100 | 23,150 | 3,008 | 2,546 | 3,008 | 2,811 | 26,100 | 26,150 | 3,458 | 2,996 | 3,458 | 3,261 | 29,100 | 29,150 | 3,908 | 3,446 | 3,908 | 3,711 |
| 23,150 | 23,200 | 3,015 | 2,554 | 3,015 | 2,819 | 26,150 | 26,200 | 3,465 | 3,004 | 3,465 | 3,269 | 29,150 | 29,200 | 3,915 | 3,454 | 3,915 | 3,719 |
| 23,200 | 23,250 | 3,023 | 2,561 | 3,023 | 2,826 | 26,200 | 26,250 | 3,473 | 3,011 | 3,473 | 3,276 | 29,200 | 29,250 | 3,923 | 3,461 | 3,923 | 3,726 |
| 23,250 | 23,300 | 3,030 | 2,569 | 3,030 | 2,834 | 26,250 | 26,300 | 3,480 | 3,019 | 3,480 | 3,284 | 29,250 | 29,300 | 3,930 | 3,469 | 3,930 | 3,734 |
| 23,300 | 23,350 | 3,038 | 2,576 | 3,038 | 2,841 | 26,300 | 26,350 | 3,488 | 3,026 | 3,488 | 3,291 | 29,300 | 29,350 | 3,938 | 3,476 | 3,938 | 3,741 |
| 23,350 | 23,400 | 3,045 | 2,584 | 3,045 | 2,849 | 26,350 | 26,400 | 3,495 | 3,034 | 3,495 | 3,299 | 29,350 | 29,400 | 3,945 | 3,484 | 3,945 | 3,749 |
| 23,400 | 23,450 | 3,053 | 2,591 | 3,053 | 2,856 | 26,400 | 26,450 | 3,503 | 3,041 | 3,503 | 3,306 | 29,400 | 29,450 | 3,953 | 3,491 | 3,953 | 3,756 |
| 23,450 | 23,500 | 3,060 | 2,599 | 3,060 | 2,864 | 26,450 | 26,500 | 3,510 | 3,049 | 3,510 | 3,314 | 29,450 | 29,500 | 3,960 | 3,499 | 3,960 | 3,764 |
| 23,500 | 23,550 | 3,068 | 2,606 | 3,068 | 2,871 | 26,500 | 26,550 | 3,518 | 3,056 | 3,518 | 3,321 | 29,500 | 29,550 | 3,968 | 3,506 | 3,968 | 3,771 |
| 23,550 | 23,600 | 3,075 | 2,614 | 3,075 | 2,879 | 26,550 | 26,600 | 3,525 | 3,064 | 3,525 | 3,329 | 29,550 | 29,600 | 3,975 | 3,514 | 3,975 | 3,779 |
| 23,600 | 23,650 | 3,083 | 2,621 | 3,083 | 2,886 | 26,600 | 26,650 | 3,533 | 3,071 | 3,533 | 3,336 | 29,600 | 29,650 | 3,983 | 3,521 | 3,983 | 3,786 |
| 23,650 | 23,700 | 3,090 | 2,629 | 3,090 | 2,894 | 26,650 | 26,700 | 3,540 | 3,079 | 3,540 | 3,344 | 29,650 | 29,700 | 3,990 | 3,529 | 3,990 | 3,794 |
| 23,700 | 23,750 | 3,098 | 2,636 | 3,098 | 2,901 | 26,700 | 26,750 | 3,548 | 3,086 | 3,548 | 3,351 | 29,700 | 29,750 | 3,998 | 3,536 | 3,998 | 3,801 |
| 23,750 | 23,800 | 3,105 | 2,644 | 3,105 | 2,909 | 26,750 | 26,800 | 3,555 | 3,094 | 3,555 | 3,359 | 29,750 | 29,800 | 4,005 | 3,544 | 4,005 | 3,809 |
| 23,800 | 23,850 | 3,113 | 2,651 | 3,113 | 2,916 | 26,800 | 26,850 | 3,563 | 3,101 | 3,563 | 3,366 | 29,800 | 29,850 | 4,013 | 3,551 | 4,013 | 3,816 |
| 23,850 | 23,900 | 3,120 | 2,659 | 3,120 | 2,924 | 26,850 | 26,900 | 3,570 | 3,109 | 3,570 | 3,374 | 29,850 | 29,900 | 4,020 | 3,559 | 4,020 | 3,824 |
| 23,900 | 23,950 | 3,128 | 2,666 | 3,128 | 2,931 | 26,900 | 26,950 | 3,578 | 3,116 | 3,578 | 3,381 | 29,900 | 29,950 | 4,028 | 3,566 | 4,028 | 3,831 |
| 23,950 | 24,000 | 3,135 | 2,674 | 3,135 | 2,939 | 26,950 | 27,000 | 3,585 | 3,124 | 3,585 | 3,389 | 29,950 | 30,000 | 4,03 | | | |

| If line 43 (taxable income) is— | | And you are— | | | | | If line 43 (taxable income) is— | | And you are— | | | | | If line 43 (taxable income) is— | | And you are— | | | |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household |
| | | Your tax is— | | | | | | | Your tax is— | | | | | | | Your tax is— | | | |
| 30,000 | | | | | | | | | | | | | | | | | | | |
| 30,000 | 30,050 | 4,043 | 3,581 | 4,043 | 3,846 | 33,000 | 33,050 | 4,493 | 4,031 | 4,493 | 4,296 | 36,000 | 36,050 | 4,943 | 4,481 | 4,943 | 4,746 | | |
| 30,050 | 30,100 | 4,050 | 3,589 | 4,050 | 3,854 | 33,050 | 33,100 | 4,500 | 4,039 | 4,500 | 4,304 | 36,050 | 36,100 | 4,950 | 4,489 | 4,950 | 4,754 | | |
| 30,100 | 30,150 | 4,058 | 3,596 | 4,058 | 3,861 | 33,100 | 33,150 | 4,508 | 4,046 | 4,508 | 4,311 | 36,100 | 36,150 | 4,958 | 4,496 | 4,958 | 4,761 | | |
| 30,150 | 30,200 | 4,065 | 3,604 | 4,065 | 3,869 | 33,150 | 33,200 | 4,515 | 4,054 | 4,515 | 4,319 | 36,150 | 36,200 | 4,965 | 4,504 | 4,965 | 4,769 | | |
| 30,200 | 30,250 | 4,073 | 3,611 | 4,073 | 3,876 | 33,200 | 33,250 | 4,523 | 4,061 | 4,523 | 4,326 | 36,200 | 36,250 | 4,973 | 4,511 | 4,973 | 4,776 | | |
| 30,250 | 30,300 | 4,080 | 3,619 | 4,080 | 3,884 | 33,250 | 33,300 | 4,530 | 4,069 | 4,530 | 4,334 | 36,250 | 36,300 | 4,980 | 4,519 | 4,980 | 4,784 | | |
| 30,300 | 30,350 | 4,088 | 3,626 | 4,088 | 3,891 | 33,300 | 33,350 | 4,538 | 4,076 | 4,538 | 4,341 | 36,300 | 36,350 | 4,988 | 4,526 | 4,988 | 4,791 | | |
| 30,350 | 30,400 | 4,095 | 3,634 | 4,095 | 3,899 | 33,350 | 33,400 | 4,545 | 4,084 | 4,545 | 4,349 | 36,350 | 36,400 | 4,995 | 4,534 | 4,995 | 4,799 | | |
| 30,400 | 30,450 | 4,103 | 3,641 | 4,103 | 3,906 | 33,400 | 33,450 | 4,553 | 4,091 | 4,553 | 4,356 | 36,400 | 36,450 | 5,003 | 4,541 | 5,003 | 4,806 | | |
| 30,450 | 30,500 | 4,110 | 3,649 | 4,110 | 3,914 | 33,450 | 33,500 | 4,560 | 4,099 | 4,560 | 4,364 | 36,450 | 36,500 | 5,010 | 4,549 | 5,010 | 4,814 | | |
| 30,500 | 30,550 | 4,118 | 3,656 | 4,118 | 3,921 | 33,500 | 33,550 | 4,568 | 4,106 | 4,568 | 4,371 | 36,500 | 36,550 | 5,018 | 4,556 | 5,018 | 4,821 | | |
| 30,550 | 30,600 | 4,125 | 3,664 | 4,125 | 3,929 | 33,550 | 33,600 | 4,575 | 4,114 | 4,575 | 4,379 | 36,550 | 36,600 | 5,025 | 4,564 | 5,025 | 4,829 | | |
| 30,600 | 30,650 | 4,133 | 3,671 | 4,133 | 3,936 | 33,600 | 33,650 | 4,583 | 4,121 | 4,583 | 4,386 | 36,600 | 36,650 | 5,033 | 4,571 | 5,033 | 4,836 | | |
| 30,650 | 30,700 | 4,140 | 3,679 | 4,140 | 3,944 | 33,650 | 33,700 | 4,590 | 4,129 | 4,590 | 4,394 | 36,650 | 36,700 | 5,040 | 4,579 | 5,040 | 4,844 | | |
| 30,700 | 30,750 | 4,148 | 3,686 | 4,148 | 3,951 | 33,700 | 33,750 | 4,598 | 4,136 | 4,598 | 4,401 | 36,700 | 36,750 | 5,048 | 4,586 | 5,048 | 4,851 | | |
| 30,750 | 30,800 | 4,155 | 3,694 | 4,155 | 3,959 | 33,750 | 33,800 | 4,605 | 4,144 | 4,605 | 4,409 | 36,750 | 36,800 | 5,055 | 4,594 | 5,055 | 4,859 | | |
| 30,800 | 30,850 | 4,163 | 3,701 | 4,163 | 3,966 | 33,800 | 33,850 | 4,613 | 4,151 | 4,613 | 4,416 | 36,800 | 36,850 | 5,063 | 4,601 | 5,063 | 4,866 | | |
| 30,850 | 30,900 | 4,170 | 3,709 | 4,170 | 3,974 | 33,850 | 33,900 | 4,620 | 4,159 | 4,620 | 4,424 | 36,850 | 36,900 | 5,070 | 4,609 | 5,070 | 4,874 | | |
| 30,900 | 30,950 | 4,178 | 3,716 | 4,178 | 3,981 | 33,900 | 33,950 | 4,628 | 4,166 | 4,628 | 4,431 | 36,900 | 36,950 | 5,078 | 4,616 | 5,078 | 4,881 | | |
| 30,950 | 31,000 | 4,185 | 3,724 | 4,185 | 3,989 | 33,950 | 34,000 | 4,635 | 4,174 | 4,635 | 4,439 | 36,950 | 37,000 | 5,085 | 4,624 | 5,085 | 4,889 | | |
| 31,000 | | | | | | | | | | | | | | | | | | | |
| 31,000 | 31,050 | 4,193 | 3,731 | 4,193 | 3,996 | 34,000 | 34,050 | 4,643 | 4,181 | 4,643 | 4,446 | 37,000 | 37,050 | 5,093 | 4,631 | 5,093 | 4,896 | | |
| 31,050 | 31,100 | 4,200 | 3,739 | 4,200 | 4,004 | 34,050 | 34,100 | 4,650 | 4,189 | 4,650 | 4,454 | 37,050 | 37,100 | 5,100 | 4,639 | 5,100 | 4,904 | | |
| 31,100 | 31,150 | 4,208 | 3,746 | 4,208 | 4,011 | 34,100 | 34,150 | 4,658 | 4,196 | 4,658 | 4,461 | 37,100 | 37,150 | 5,108 | 4,646 | 5,108 | 4,911 | | |
| 31,150 | 31,200 | 4,215 | 3,754 | 4,215 | 4,019 | 34,150 | 34,200 | 4,665 | 4,204 | 4,665 | 4,469 | 37,150 | 37,200 | 5,115 | 4,654 | 5,115 | 4,919 | | |
| 31,200 | 31,250 | 4,223 | 3,761 | 4,223 | 4,026 | 34,200 | 34,250 | 4,673 | 4,211 | 4,673 | 4,476 | 37,200 | 37,250 | 5,123 | 4,661 | 5,123 | 4,926 | | |
| 31,250 | 31,300 | 4,230 | 3,769 | 4,230 | 4,034 | 34,250 | 34,300 | 4,680 | 4,219 | 4,680 | 4,484 | 37,250 | 37,300 | 5,130 | 4,669 | 5,130 | 4,934 | | |
| 31,300 | 31,350 | 4,238 | 3,776 | 4,238 | 4,041 | 34,300 | 34,350 | 4,688 | 4,226 | 4,688 | 4,491 | 37,300 | 37,350 | 5,138 | 4,676 | 5,138 | 4,941 | | |
| 31,350 | 31,400 | 4,245 | 3,784 | 4,245 | 4,049 | 34,350 | 34,400 | 4,695 | 4,234 | 4,695 | 4,499 | 37,350 | 37,400 | 5,145 | 4,684 | 5,145 | 4,949 | | |
| 31,400 | 31,450 | 4,253 | 3,791 | 4,253 | 4,056 | 34,400 | 34,450 | 4,703 | 4,241 | 4,703 | 4,506 | 37,400 | 37,450 | 5,153 | 4,691 | 5,153 | 4,956 | | |
| 31,450 | 31,500 | 4,260 | 3,799 | 4,260 | 4,064 | 34,450 | 34,500 | 4,710 | 4,249 | 4,710 | 4,514 | 37,450 | 37,500 | 5,163 | 4,699 | 5,163 | 4,964 | | |
| 31,500 | 31,550 | 4,268 | 3,806 | 4,268 | 4,071 | 34,500 | 34,550 | 4,718 | 4,256 | 4,718 | 4,521 | 37,500 | 37,550 | 5,175 | 4,706 | 5,175 | 4,971 | | |
| 31,550 | 31,600 | 4,275 | 3,814 | 4,275 | 4,079 | 34,550 | 34,600 | 4,725 | 4,264 | 4,725 | 4,529 | 37,550 | 37,600 | 5,188 | 4,714 | 5,188 | 4,979 | | |
| 31,600 | 31,650 | 4,283 | 3,821 | 4,283 | 4,086 | 34,600 | 34,650 | 4,733 | 4,271 | 4,733 | 4,536 | 37,600 | 37,650 | 5,200 | 4,721 | 5,200 | 4,986 | | |
| 31,650 | 31,700 | 4,290 | 3,829 | 4,290 | 4,094 | 34,650 | 34,700 | 4,740 | 4,279 | 4,740 | 4,544 | 37,650 | 37,700 | 5,213 | 4,729 | 5,213 | 4,994 | | |
| 31,700 | 31,750 | 4,298 | 3,836 | 4,298 | 4,101 | 34,700 | 34,750 | 4,748 | 4,286 | 4,748 | 4,551 | 37,700 | 37,750 | 5,225 | 4,736 | 5,225 | 5,001 | | |
| 31,750 | 31,800 | 4,305 | 3,844 | 4,305 | 4,109 | 34,750 | 34,800 | 4,755 | 4,294 | 4,755 | 4,559 | 37,750 | 37,800 | 5,238 | 4,744 | 5,238 | 5,009 | | |
| 31,800 | 31,850 | 4,313 | 3,851 | 4,313 | 4,116 | 34,800 | 34,850 | 4,763 | 4,301 | 4,763 | 4,566 | 37,800 | 37,850 | 5,250 | 4,751 | 5,250 | 5,016 | | |
| 31,850 | 31,900 | 4,320 | 3,859 | 4,320 | 4,124 | 34,850 | 34,900 | 4,770 | 4,309 | 4,770 | 4,574 | 37,850 | 37,900 | 5,263 | 4,759 | 5,263 | 5,024 | | |
| 31,900 | 31,950 | 4,328 | 3,866 | 4,328 | 4,131 | 34,900 | 34,950 | 4,778 | 4,316 | 4,778 | 4,581 | 37,900 | 37,950 | 5,275 | 4,766 | 5,275 | 5,031 | | |
| 31,950 | 32,000 | 4,335 | 3,874 | 4,335 | 4,139 | 34,950 | 35,000 | 4,785 | 4,324 | 4,785 | 4,589 | 37,950 | 38,000 | 5,288 | 4,774 | 5,288 | 5,039 | | |
| 32,000 | | | | | | | | | | | | | | | | | | | |
| 32,000 | 32,050 | 4,343 | 3,881 | 4,343 | 4,146 | 35,000 | 35,050 | 4,793 | 4,331 | 4,793 | 4,596 | 38,000 | 38,050 | 5,300 | 4,781 | 5,300 | 5,046 | | |
| 32,050 | 32,100 | 4,350 | 3,889 | 4,350 | 4,154 | 35,050 | 35,100 | 4,800 | 4,339 | 4,800 | 4,604 | 38,050 | 38,100 | 5,313 | 4,789 | 5,313 | 5,054 | | |
| 32,100 | 32,150 | 4,358 | 3,896 | 4,358 | 4,161 | 35,100 | 35,150 | 4,808 | 4,346 | 4,808 | 4,611 | 38,100 | 38,150 | 5,325 | 4,796 | 5,325 | 5,061 | | |
| 32,150 | 32,200 | 4,365 | 3,904 | 4,365 | 4,169 | 35,150 | 35,200 | 4,815 | 4,354 | 4,815 | 4,619 | 38,150 | 38,200 | 5,338 | 4,804 | 5,338 | 5,069 | | |
| 32,200 | 32,250 | 4,373 | 3,911 | 4,373 | 4,176 | 35,200 | 35,250 | 4,823 | 4,361 | 4,823 | 4,626 | 38,200 | 38,250 | 5,350 | 4,811 | 5,350 | 5,076 | | |
| 32,250 | 32,300 | 4,380 | 3,919 | 4,380 | 4,184 | 35,250 | 35,300 | 4,830 | 4,369 | 4,830 | 4,634 | 38,250 | 38,300 | 5,363 | 4,819 | 5,363 | 5,084 | | |
| 32,300 | 32,350 | 4,388 | 3,926 | 4,388 | 4,191 | 35,300 | 35,350 | 4,838 | 4,376 | 4,838 | 4,641 | 38,300 | 38,350 | 5,375 | 4,826 | 5,375 | 5,091 | | |
| 32,350 | 32,400 | 4,395 | 3,934 | 4,395 | 4,199 | 35,350 | 35,400 | 4,845 | 4,384 | 4,845 | 4,649 | 38,350 | 38,400 | 5,388 | 4,834 | 5,388 | 5,099 | | |
| 32,400 | 32,450 | 4,403 | 3,941 | 4,403 | 4,206 | 35,400 | 35,450 | 4,853 | 4,391 | 4,853 | 4,656 | 38,400 | 38,450 | 5,400 | 4,841 | 5,400 | 5,106 | | |
| 32,450 | 32,500 | 4,410 | 3,949 | 4,410 | 4,214 | 35,450 | 35,500 | 4,860 | 4,399 | 4,860 | 4,664 | 38,450 | 38,500 | 5,413 | 4,849 | 5,413 | 5,114 | | |
| 32,500 | 32,550 | 4,418 | 3,956 | 4,418 | 4,221 | 35,500 | 35,550 | 4,868 | 4,406 | 4,868 | 4,671 | 38,500 | 38,550 | 5,425 | 4,856 | 5,425 | 5,121 | | |
| 32,550 | 32,600 | 4,425 | 3,964 | 4,425 | 4,229 | 35,550 | 35,600 | 4,875 | 4,414 | 4,875 | 4,679 | 38,550 | 38,600 | 5,438 | 4,864 | 5,438 | 5,129 | | |
| 32,600 | 32,650 | 4,433 | 3,971 | 4,433 | 4,236 | 35,600 | 35,650 | 4,883 | 4,421 | 4,883 | 4,686 | 38,600 | 38,650 | 5,450 | 4,871 | 5,450 | 5,136 | | |
| 32,650 | 32,700 | 4,440 | 3,979 | 4,440 | 4,244 | 35,650 | 35,700 | 4,890 | 4,429 | 4,890 | 4,694 | 38,650 | 38,700 | 5,463 | 4,879 | 5,463 | 5,144 | | |
| 32,700 | 32,750 | 4,448 | 3,986 | 4,448 | 4,251 | 35,700 | 35,750 | 4,898 | 4,436 | 4,898 | 4,701 | 38,700 | 38,750 | 5,475 | 4,886 | 5,475 | 5,151 | | |
| 32,750 | 32,800 | 4,455 | 3,994 | 4,455 | 4,259 | 35,750 | 35,800 | 4,905 | 4,444 | 4,905 | 4,709 | 38,750 | 38,800 | 5,488 | 4,894 | 5,488 | 5,159 | | |
| 32,800 | 32,850 | 4,463 | 4,001 | 4,463 | 4,266 | 35,800 | 35,850 | 4,913 | 4,451 | 4,913 | 4,716 | 38,800 | 38,850 | 5,500 | 4,901 | 5,500 | 5,166 | | |
| 32,850 | 32,900 | 4,470 | 4,009 | 4,470 | 4,274 | 35,850 | 35,900 | 4,920 | 4,459 | 4,920 | 4,724 | 38,850 | 38,900 | 5,513 | 4,909 | 5,513 | 5,174 | | |
| 32,900 | 32,950 | 4,478 | 4,016 | 4,478 | 4,281 | 35,900 | 35,950 | 4,928 | 4,466 | 4,928 | 4, | | | | | | | | |

| If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|
| | | Single | Married filing jointly * | Married filing separately | Head of a household | | | | Single | Married filing jointly * | Married filing separately | Head of a household | | | | Single | Married filing jointly * | Married filing separately | Head of a household | |
| At least | But less than | | | | | | At least | But less than | | | | | | At least | But less than | | | | | |
| 39,000 | | | | | | 42,000 | | | | | | 45,000 | | | | | | | | |
| 39,000 | 39,050 | 5,550 | 4,931 | 5,550 | 5,196 | 42,000 | 42,050 | 6,300 | 5,381 | 6,300 | 5,646 | 45,000 | 45,050 | 7,050 | 5,831 | 7,050 | 6,096 | | | |
| 39,050 | 39,100 | 5,563 | 4,939 | 5,563 | 5,204 | 42,050 | 42,100 | 6,313 | 5,389 | 6,313 | 5,654 | 45,050 | 45,100 | 7,063 | 5,839 | 7,063 | 6,104 | | | |
| 39,100 | 39,150 | 5,575 | 4,946 | 5,575 | 5,211 | 42,100 | 42,150 | 6,325 | 5,396 | 6,325 | 5,661 | 45,100 | 45,150 | 7,075 | 5,846 | 7,075 | 6,111 | | | |
| 39,150 | 39,200 | 5,588 | 4,954 | 5,588 | 5,219 | 42,150 | 42,200 | 6,338 | 5,404 | 6,338 | 5,669 | 45,150 | 45,200 | 7,088 | 5,854 | 7,088 | 6,119 | | | |
| 39,200 | 39,250 | 5,600 | 4,961 | 5,600 | 5,226 | 42,200 | 42,250 | 6,350 | 5,411 | 6,350 | 5,676 | 45,200 | 45,250 | 7,100 | 5,861 | 7,100 | 6,126 | | | |
| 39,250 | 39,300 | 5,613 | 4,969 | 5,613 | 5,234 | 42,250 | 42,300 | 6,363 | 5,419 | 6,363 | 5,684 | 45,250 | 45,300 | 7,113 | 5,869 | 7,113 | 6,134 | | | |
| 39,300 | 39,350 | 5,625 | 4,976 | 5,625 | 5,241 | 42,300 | 42,350 | 6,375 | 5,426 | 6,375 | 5,691 | 45,300 | 45,350 | 7,125 | 5,876 | 7,125 | 6,141 | | | |
| 39,350 | 39,400 | 5,638 | 4,984 | 5,638 | 5,249 | 42,350 | 42,400 | 6,388 | 5,434 | 6,388 | 5,699 | 45,350 | 45,400 | 7,138 | 5,884 | 7,138 | 6,149 | | | |
| 39,400 | 39,450 | 5,650 | 4,991 | 5,650 | 5,256 | 42,400 | 42,450 | 6,400 | 5,441 | 6,400 | 5,706 | 45,400 | 45,450 | 7,150 | 5,891 | 7,150 | 6,156 | | | |
| 39,450 | 39,500 | 5,663 | 4,999 | 5,663 | 5,264 | 42,450 | 42,500 | 6,413 | 5,449 | 6,413 | 5,714 | 45,450 | 45,500 | 7,163 | 5,899 | 7,163 | 6,164 | | | |
| 39,500 | 39,550 | 5,675 | 5,006 | 5,675 | 5,271 | 42,500 | 42,550 | 6,425 | 5,456 | 6,425 | 5,721 | 45,500 | 45,550 | 7,175 | 5,906 | 7,175 | 6,171 | | | |
| 39,550 | 39,600 | 5,688 | 5,014 | 5,688 | 5,279 | 42,550 | 42,600 | 6,438 | 5,464 | 6,438 | 5,729 | 45,550 | 45,600 | 7,188 | 5,914 | 7,188 | 6,179 | | | |
| 39,600 | 39,650 | 5,700 | 5,021 | 5,700 | 5,286 | 42,600 | 42,650 | 6,450 | 5,471 | 6,450 | 5,736 | 45,600 | 45,650 | 7,200 | 5,921 | 7,200 | 6,186 | | | |
| 39,650 | 39,700 | 5,713 | 5,029 | 5,713 | 5,294 | 42,650 | 42,700 | 6,463 | 5,479 | 6,463 | 5,744 | 45,650 | 45,700 | 7,213 | 5,929 | 7,213 | 6,194 | | | |
| 39,700 | 39,750 | 5,725 | 5,036 | 5,725 | 5,301 | 42,700 | 42,750 | 6,475 | 5,486 | 6,475 | 5,751 | 45,700 | 45,750 | 7,225 | 5,936 | 7,225 | 6,201 | | | |
| 39,750 | 39,800 | 5,738 | 5,044 | 5,738 | 5,309 | 42,750 | 42,800 | 6,488 | 5,494 | 6,488 | 5,759 | 45,750 | 45,800 | 7,238 | 5,944 | 7,238 | 6,209 | | | |
| 39,800 | 39,850 | 5,750 | 5,051 | 5,750 | 5,316 | 42,800 | 42,850 | 6,500 | 5,501 | 6,500 | 5,766 | 45,800 | 45,850 | 7,250 | 5,951 | 7,250 | 6,216 | | | |
| 39,850 | 39,900 | 5,763 | 5,059 | 5,763 | 5,324 | 42,850 | 42,900 | 6,513 | 5,509 | 6,513 | 5,774 | 45,850 | 45,900 | 7,263 | 5,959 | 7,263 | 6,224 | | | |
| 39,900 | 39,950 | 5,775 | 5,066 | 5,775 | 5,331 | 42,900 | 42,950 | 6,525 | 5,516 | 6,525 | 5,781 | 45,900 | 45,950 | 7,275 | 5,966 | 7,275 | 6,231 | | | |
| 39,950 | 40,000 | 5,788 | 5,074 | 5,788 | 5,339 | 42,950 | 43,000 | 6,538 | 5,524 | 6,538 | 5,789 | 45,950 | 46,000 | 7,288 | 5,974 | 7,288 | 6,239 | | | |
| 40,000 | | | | | | 43,000 | | | | | | 46,000 | | | | | | | | |
| 40,000 | 40,050 | 5,800 | 5,081 | 5,800 | 5,346 | 43,000 | 43,050 | 6,550 | 5,531 | 6,550 | 5,796 | 46,000 | 46,050 | 7,300 | 5,981 | 7,300 | 6,246 | | | |
| 40,050 | 40,100 | 5,813 | 5,089 | 5,813 | 5,354 | 43,050 | 43,100 | 6,563 | 5,539 | 6,563 | 5,804 | 46,050 | 46,100 | 7,313 | 5,989 | 7,313 | 6,254 | | | |
| 40,100 | 40,150 | 5,825 | 5,096 | 5,825 | 5,361 | 43,100 | 43,150 | 6,575 | 5,546 | 6,575 | 5,811 | 46,100 | 46,150 | 7,325 | 5,996 | 7,325 | 6,261 | | | |
| 40,150 | 40,200 | 5,838 | 5,104 | 5,838 | 5,369 | 43,150 | 43,200 | 6,588 | 5,554 | 6,588 | 5,819 | 46,150 | 46,200 | 7,338 | 6,004 | 7,338 | 6,269 | | | |
| 40,200 | 40,250 | 5,850 | 5,111 | 5,850 | 5,376 | 43,200 | 43,250 | 6,600 | 5,561 | 6,600 | 5,826 | 46,200 | 46,250 | 7,350 | 6,011 | 7,350 | 6,276 | | | |
| 40,250 | 40,300 | 5,863 | 5,119 | 5,863 | 5,384 | 43,250 | 43,300 | 6,613 | 5,569 | 6,613 | 5,834 | 46,250 | 46,300 | 7,363 | 6,019 | 7,363 | 6,284 | | | |
| 40,300 | 40,350 | 5,875 | 5,126 | 5,875 | 5,391 | 43,300 | 43,350 | 6,625 | 5,576 | 6,625 | 5,841 | 46,300 | 46,350 | 7,375 | 6,026 | 7,375 | 6,291 | | | |
| 40,350 | 40,400 | 5,888 | 5,134 | 5,888 | 5,399 | 43,350 | 43,400 | 6,638 | 5,584 | 6,638 | 5,849 | 46,350 | 46,400 | 7,388 | 6,034 | 7,388 | 6,299 | | | |
| 40,400 | 40,450 | 5,900 | 5,141 | 5,900 | 5,406 | 43,400 | 43,450 | 6,650 | 5,591 | 6,650 | 5,856 | 46,400 | 46,450 | 7,400 | 6,041 | 7,400 | 6,306 | | | |
| 40,450 | 40,500 | 5,913 | 5,149 | 5,913 | 5,414 | 43,450 | 43,500 | 6,663 | 5,599 | 6,663 | 5,864 | 46,450 | 46,500 | 7,413 | 6,049 | 7,413 | 6,314 | | | |
| 40,500 | 40,550 | 5,925 | 5,156 | 5,925 | 5,421 | 43,500 | 43,550 | 6,675 | 5,606 | 6,675 | 5,871 | 46,500 | 46,550 | 7,425 | 6,056 | 7,425 | 6,321 | | | |
| 40,550 | 40,600 | 5,938 | 5,164 | 5,938 | 5,429 | 43,550 | 43,600 | 6,688 | 5,614 | 6,688 | 5,879 | 46,550 | 46,600 | 7,438 | 6,064 | 7,438 | 6,329 | | | |
| 40,600 | 40,650 | 5,950 | 5,171 | 5,950 | 5,436 | 43,600 | 43,650 | 6,700 | 5,621 | 6,700 | 5,886 | 46,600 | 46,650 | 7,450 | 6,071 | 7,450 | 6,336 | | | |
| 40,650 | 40,700 | 5,963 | 5,179 | 5,963 | 5,444 | 43,650 | 43,700 | 6,713 | 5,629 | 6,713 | 5,894 | 46,650 | 46,700 | 7,463 | 6,079 | 7,463 | 6,344 | | | |
| 40,700 | 40,750 | 5,975 | 5,186 | 5,975 | 5,451 | 43,700 | 43,750 | 6,725 | 5,636 | 6,725 | 5,901 | 46,700 | 46,750 | 7,475 | 6,086 | 7,475 | 6,351 | | | |
| 40,750 | 40,800 | 5,988 | 5,194 | 5,988 | 5,459 | 43,750 | 43,800 | 6,738 | 5,644 | 6,738 | 5,909 | 46,750 | 46,800 | 7,488 | 6,094 | 7,488 | 6,359 | | | |
| 40,800 | 40,850 | 6,000 | 5,201 | 6,000 | 5,466 | 43,800 | 43,850 | 6,750 | 5,651 | 6,750 | 5,916 | 46,800 | 46,850 | 7,500 | 6,101 | 7,500 | 6,366 | | | |
| 40,850 | 40,900 | 6,013 | 5,209 | 6,013 | 5,474 | 43,850 | 43,900 | 6,763 | 5,659 | 6,763 | 5,924 | 46,850 | 46,900 | 7,513 | 6,109 | 7,513 | 6,374 | | | |
| 40,900 | 40,950 | 6,025 | 5,216 | 6,025 | 5,481 | 43,900 | 43,950 | 6,775 | 5,666 | 6,775 | 5,931 | 46,900 | 46,950 | 7,525 | 6,116 | 7,525 | 6,381 | | | |
| 40,950 | 41,000 | 6,038 | 5,224 | 6,038 | 5,489 | 43,950 | 44,000 | 6,788 | 5,674 | 6,788 | 5,939 | 46,950 | 47,000 | 7,538 | 6,124 | 7,538 | 6,389 | | | |
| 41,000 | | | | | | 44,000 | | | | | | 47,000 | | | | | | | | |
| 41,000 | 41,050 | 6,050 | 5,231 | 6,050 | 5,496 | 44,000 | 44,050 | 6,800 | 5,681 | 6,800 | 5,946 | 47,000 | 47,050 | 7,550 | 6,131 | 7,550 | 6,396 | | | |
| 41,050 | 41,100 | 6,063 | 5,239 | 6,063 | 5,504 | 44,050 | 44,100 | 6,813 | 5,689 | 6,813 | 5,954 | 47,050 | 47,100 | 7,563 | 6,139 | 7,563 | 6,404 | | | |
| 41,100 | 41,150 | 6,075 | 5,246 | 6,075 | 5,511 | 44,100 | 44,150 | 6,825 | 5,696 | 6,825 | 5,961 | 47,100 | 47,150 | 7,575 | 6,146 | 7,575 | 6,411 | | | |
| 41,150 | 41,200 | 6,088 | 5,254 | 6,088 | 5,519 | 44,150 | 44,200 | 6,838 | 5,704 | 6,838 | 5,969 | 47,150 | 47,200 | 7,588 | 6,154 | 7,588 | 6,419 | | | |
| 41,200 | 41,250 | 6,100 | 5,261 | 6,100 | 5,526 | 44,200 | 44,250 | 6,850 | 5,711 | 6,850 | 5,976 | 47,200 | 47,250 | 7,600 | 6,161 | 7,600 | 6,426 | | | |
| 41,250 | 41,300 | 6,113 | 5,269 | 6,113 | 5,534 | 44,250 | 44,300 | 6,863 | 5,719 | 6,863 | 5,984 | 47,250 | 47,300 | 7,613 | 6,169 | 7,613 | 6,434 | | | |
| 41,300 | 41,350 | 6,125 | 5,276 | 6,125 | 5,541 | 44,300 | 44,350 | 6,875 | 5,726 | 6,875 | 5,991 | 47,300 | 47,350 | 7,625 | 6,176 | 7,625 | 6,441 | | | |
| 41,350 | 41,400 | 6,138 | 5,284 | 6,138 | 5,549 | 44,350 | 44,400 | 6,888 | 5,734 | 6,888 | 5,999 | 47,350 | 47,400 | 7,638 | 6,184 | 7,638 | 6,449 | | | |
| 41,400 | 41,450 | 6,150 | 5,291 | 6,150 | 5,556 | 44,400 | 44,450 | 6,900 | 5,741 | 6,900 | 6,006 | 47,400 | 47,450 | 7,650 | 6,191 | 7,650 | 6,456 | | | |
| 41,450 | 41,500 | 6,163 | 5,299 | 6,163 | 5,564 | 44,450 | 44,500 | 6,913 | 5,749 | 6,913 | 6,014 | 47,450 | 47,500 | 7,663 | 6,199 | 7,663 | 6,464 | | | |
| 41,500 | 41,550 | 6,175 | 5,306 | 6,175 | 5,571 | 44,500 | 44,550 | 6,925 | 5,756 | 6,925 | 6,021 | 47,500 | 47,550 | 7,675 | 6,206 | 7,675 | 6,471 | | | |
| 41,550 | 41,600 | 6,188 | 5,314 | 6,188 | 5,579 | 44,550 | 44,600 | 6,938 | 5,764 | 6,938 | 6,029 | 47,550 | 47,600 | 7,688 | 6,214 | 7,688 | 6,479 | | | |
| 41,600 | 41,650 | 6,200 | 5,321 | 6,200 | 5,586 | 44,600 | 44,650 | 6,950 | 5,771 | 6,950 | 6,036 | 47,600 | 47,650 | 7,700 | 6,221 | 7,700 | 6,486 | | | |
| 41,650 | 41,700 | 6,213 | 5,329 | 6,213 | 5,594 | 44,650 | 44,700 | 6,963 | 5,779 | 6,963 | 6,044 | 47,650 | 47,700 | 7,713 | 6,229 | 7,713 | 6,494 | | | |
| 41,700 | 41,750 | 6,225 | 5,336 | 6,225 | 5,601 | 44,700 | 44,750 | 6,975 | 5,786 | 6,975 | 6,051 | 47,700 | 47,750 | 7,725 | 6,236 | 7,725 | 6,501 | | | |
| 41,750 | 41,800 | 6,238 | 5,344 | 6,238 | 5,609 | 44,750 | 44,800 | 6,988 | 5,794 | 6,988 | 6,059 | 47,750 | 47,800 | 7,738 | 6,244 | 7,738 | 6,509 | | | |
| 41,800 | 41,850 | 6,250 | 5,351 | 6,250 | 5,616 | 44,800 | 44,850 | 7,000 | 5,801 | 7,000 | 6,066 | 47,800 | 47,850 | 7,750 | 6,251 | 7,750 | 6,516 | | | |
| 41,850 | 41,900 | 6,263 | 5,359 | 6,263 | 5,624 | 44,850 | 44,900 | 7,013 | 5,809 | 7,013 | 6,074 | 47,850 | 47,900 | 7,763 | 6,259 | 7,763 | 6,524 | | | |
| 41,900 | 41,950 | 6,275 | 5,366 | 6,275 | 5,631 | 44,900 | 44,950 | 7,025 | 5,816 | 7,025 | 6,081 | 47,900 | 47,950 | 7,775 | 6,266 | 7,775 | 6,531 | | | |
| 41,950 | 42,000 | 6,288 | 5,374 | 6,288 | 5,639 | 44,950 | 45,000 | 7,038 | 5,824 | 7,038 | 6,089 | 47,950 | 48,000 | 7,788 | | | | | | |

| If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | |
| 48,000 | | | | | | 51,000 | | | | | | 54,000 | | | | | | | | |
| 48,000 | 48,050 | 7,800 | 6,281 | 7,800 | 6,546 | 51,000 | 51,050 | 8,550 | 6,731 | 8,550 | 7,079 | 54,000 | 54,050 | 9,300 | 7,181 | 9,300 | 7,829 | | | |
| 48,050 | 48,100 | 7,813 | 6,289 | 7,813 | 6,554 | 51,050 | 51,100 | 8,563 | 6,739 | 8,563 | 7,091 | 54,050 | 54,100 | 9,313 | 7,189 | 9,313 | 7,841 | | | |
| 48,100 | 48,150 | 7,825 | 6,296 | 7,825 | 6,561 | 51,100 | 51,150 | 8,575 | 6,746 | 8,575 | 7,104 | 54,100 | 54,150 | 9,325 | 7,196 | 9,325 | 7,854 | | | |
| 48,150 | 48,200 | 7,838 | 6,304 | 7,838 | 6,569 | 51,150 | 51,200 | 8,588 | 6,754 | 8,588 | 7,116 | 54,150 | 54,200 | 9,338 | 7,204 | 9,338 | 7,866 | | | |
| 48,200 | 48,250 | 7,850 | 6,311 | 7,850 | 6,576 | 51,200 | 51,250 | 8,600 | 6,761 | 8,600 | 7,129 | 54,200 | 54,250 | 9,350 | 7,211 | 9,350 | 7,879 | | | |
| 48,250 | 48,300 | 7,863 | 6,319 | 7,863 | 6,584 | 51,250 | 51,300 | 8,613 | 6,769 | 8,613 | 7,141 | 54,250 | 54,300 | 9,363 | 7,219 | 9,363 | 7,891 | | | |
| 48,300 | 48,350 | 7,875 | 6,326 | 7,875 | 6,591 | 51,300 | 51,350 | 8,625 | 6,776 | 8,625 | 7,154 | 54,300 | 54,350 | 9,375 | 7,226 | 9,375 | 7,904 | | | |
| 48,350 | 48,400 | 7,888 | 6,334 | 7,888 | 6,599 | 51,350 | 51,400 | 8,638 | 6,784 | 8,638 | 7,166 | 54,350 | 54,400 | 9,388 | 7,234 | 9,388 | 7,916 | | | |
| 48,400 | 48,450 | 7,900 | 6,341 | 7,900 | 6,606 | 51,400 | 51,450 | 8,650 | 6,791 | 8,650 | 7,179 | 54,400 | 54,450 | 9,400 | 7,241 | 9,400 | 7,929 | | | |
| 48,450 | 48,500 | 7,913 | 6,349 | 7,913 | 6,614 | 51,450 | 51,500 | 8,663 | 6,799 | 8,663 | 7,191 | 54,450 | 54,500 | 9,413 | 7,249 | 9,413 | 7,941 | | | |
| 48,500 | 48,550 | 7,925 | 6,356 | 7,925 | 6,621 | 51,500 | 51,550 | 8,675 | 6,806 | 8,675 | 7,204 | 54,500 | 54,550 | 9,425 | 7,256 | 9,425 | 7,954 | | | |
| 48,550 | 48,600 | 7,938 | 6,364 | 7,938 | 6,629 | 51,550 | 51,600 | 8,688 | 6,814 | 8,688 | 7,216 | 54,550 | 54,600 | 9,438 | 7,264 | 9,438 | 7,966 | | | |
| 48,600 | 48,650 | 7,950 | 6,371 | 7,950 | 6,636 | 51,600 | 51,650 | 8,700 | 6,821 | 8,700 | 7,229 | 54,600 | 54,650 | 9,450 | 7,271 | 9,450 | 7,979 | | | |
| 48,650 | 48,700 | 7,963 | 6,379 | 7,963 | 6,644 | 51,650 | 51,700 | 8,713 | 6,829 | 8,713 | 7,241 | 54,650 | 54,700 | 9,463 | 7,279 | 9,463 | 7,991 | | | |
| 48,700 | 48,750 | 7,975 | 6,386 | 7,975 | 6,651 | 51,700 | 51,750 | 8,725 | 6,836 | 8,725 | 7,254 | 54,700 | 54,750 | 9,475 | 7,286 | 9,475 | 8,004 | | | |
| 48,750 | 48,800 | 7,988 | 6,394 | 7,988 | 6,659 | 51,750 | 51,800 | 8,738 | 6,844 | 8,738 | 7,266 | 54,750 | 54,800 | 9,488 | 7,294 | 9,488 | 8,016 | | | |
| 48,800 | 48,850 | 8,000 | 6,401 | 8,000 | 6,666 | 51,800 | 51,850 | 8,750 | 6,851 | 8,750 | 7,279 | 54,800 | 54,850 | 9,500 | 7,301 | 9,500 | 8,029 | | | |
| 48,850 | 48,900 | 8,013 | 6,409 | 8,013 | 6,674 | 51,850 | 51,900 | 8,763 | 6,859 | 8,763 | 7,291 | 54,850 | 54,900 | 9,513 | 7,309 | 9,513 | 8,041 | | | |
| 48,900 | 48,950 | 8,025 | 6,416 | 8,025 | 6,681 | 51,900 | 51,950 | 8,775 | 6,866 | 8,775 | 7,304 | 54,900 | 54,950 | 9,525 | 7,316 | 9,525 | 8,054 | | | |
| 48,950 | 49,000 | 8,038 | 6,424 | 8,038 | 6,689 | 51,950 | 52,000 | 8,788 | 6,874 | 8,788 | 7,316 | 54,950 | 55,000 | 9,538 | 7,324 | 9,538 | 8,066 | | | |
| 49,000 | | | | | | 52,000 | | | | | | 55,000 | | | | | | | | |
| 49,000 | 49,050 | 8,050 | 6,431 | 8,050 | 6,696 | 52,000 | 52,050 | 8,800 | 6,881 | 8,800 | 7,329 | 55,000 | 55,050 | 9,550 | 7,331 | 9,550 | 8,079 | | | |
| 49,050 | 49,100 | 8,063 | 6,439 | 8,063 | 6,704 | 52,050 | 52,100 | 8,813 | 6,889 | 8,813 | 7,341 | 55,050 | 55,100 | 9,563 | 7,339 | 9,563 | 8,091 | | | |
| 49,100 | 49,150 | 8,075 | 6,446 | 8,075 | 6,711 | 52,100 | 52,150 | 8,825 | 6,896 | 8,825 | 7,354 | 55,100 | 55,150 | 9,575 | 7,346 | 9,575 | 8,104 | | | |
| 49,150 | 49,200 | 8,088 | 6,454 | 8,088 | 6,719 | 52,150 | 52,200 | 8,838 | 6,904 | 8,838 | 7,366 | 55,150 | 55,200 | 9,588 | 7,354 | 9,588 | 8,116 | | | |
| 49,200 | 49,250 | 8,100 | 6,461 | 8,100 | 6,726 | 52,200 | 52,250 | 8,850 | 6,911 | 8,850 | 7,379 | 55,200 | 55,250 | 9,600 | 7,361 | 9,600 | 8,129 | | | |
| 49,250 | 49,300 | 8,113 | 6,469 | 8,113 | 6,734 | 52,250 | 52,300 | 8,863 | 6,919 | 8,863 | 7,391 | 55,250 | 55,300 | 9,613 | 7,369 | 9,613 | 8,141 | | | |
| 49,300 | 49,350 | 8,125 | 6,476 | 8,125 | 6,741 | 52,300 | 52,350 | 8,875 | 6,926 | 8,875 | 7,404 | 55,300 | 55,350 | 9,625 | 7,376 | 9,625 | 8,154 | | | |
| 49,350 | 49,400 | 8,138 | 6,484 | 8,138 | 6,749 | 52,350 | 52,400 | 8,888 | 6,934 | 8,888 | 7,416 | 55,350 | 55,400 | 9,638 | 7,384 | 9,638 | 8,166 | | | |
| 49,400 | 49,450 | 8,150 | 6,491 | 8,150 | 6,756 | 52,400 | 52,450 | 8,900 | 6,941 | 8,900 | 7,429 | 55,400 | 55,450 | 9,650 | 7,391 | 9,650 | 8,179 | | | |
| 49,450 | 49,500 | 8,163 | 6,499 | 8,163 | 6,764 | 52,450 | 52,500 | 8,913 | 6,949 | 8,913 | 7,441 | 55,450 | 55,500 | 9,663 | 7,399 | 9,663 | 8,191 | | | |
| 49,500 | 49,550 | 8,175 | 6,506 | 8,175 | 6,771 | 52,500 | 52,550 | 8,925 | 6,956 | 8,925 | 7,454 | 55,500 | 55,550 | 9,675 | 7,406 | 9,675 | 8,204 | | | |
| 49,550 | 49,600 | 8,188 | 6,514 | 8,188 | 6,779 | 52,550 | 52,600 | 8,938 | 6,964 | 8,938 | 7,466 | 55,550 | 55,600 | 9,688 | 7,414 | 9,688 | 8,216 | | | |
| 49,600 | 49,650 | 8,200 | 6,521 | 8,200 | 6,786 | 52,600 | 52,650 | 8,950 | 6,971 | 8,950 | 7,479 | 55,600 | 55,650 | 9,700 | 7,421 | 9,700 | 8,229 | | | |
| 49,650 | 49,700 | 8,213 | 6,529 | 8,213 | 6,794 | 52,650 | 52,700 | 8,963 | 6,979 | 8,963 | 7,491 | 55,650 | 55,700 | 9,713 | 7,429 | 9,713 | 8,241 | | | |
| 49,700 | 49,750 | 8,225 | 6,536 | 8,225 | 6,801 | 52,700 | 52,750 | 8,975 | 6,986 | 8,975 | 7,504 | 55,700 | 55,750 | 9,725 | 7,436 | 9,725 | 8,254 | | | |
| 49,750 | 49,800 | 8,238 | 6,544 | 8,238 | 6,809 | 52,750 | 52,800 | 8,988 | 6,994 | 8,988 | 7,516 | 55,750 | 55,800 | 9,738 | 7,444 | 9,738 | 8,266 | | | |
| 49,800 | 49,850 | 8,250 | 6,551 | 8,250 | 6,816 | 52,800 | 52,850 | 9,000 | 7,001 | 9,000 | 7,529 | 55,800 | 55,850 | 9,750 | 7,451 | 9,750 | 8,279 | | | |
| 49,850 | 49,900 | 8,263 | 6,559 | 8,263 | 6,824 | 52,850 | 52,900 | 9,013 | 7,009 | 9,013 | 7,541 | 55,850 | 55,900 | 9,763 | 7,459 | 9,763 | 8,291 | | | |
| 49,900 | 49,950 | 8,275 | 6,566 | 8,275 | 6,831 | 52,900 | 52,950 | 9,025 | 7,016 | 9,025 | 7,554 | 55,900 | 55,950 | 9,775 | 7,466 | 9,775 | 8,304 | | | |
| 49,950 | 50,000 | 8,288 | 6,574 | 8,288 | 6,839 | 52,950 | 53,000 | 9,038 | 7,024 | 9,038 | 7,566 | 55,950 | 56,000 | 9,788 | 7,474 | 9,788 | 8,316 | | | |
| 50,000 | | | | | | 53,000 | | | | | | 56,000 | | | | | | | | |
| 50,000 | 50,050 | 8,300 | 6,581 | 8,300 | 6,846 | 53,000 | 53,050 | 9,050 | 7,031 | 9,050 | 7,579 | 56,000 | 56,050 | 9,800 | 7,481 | 9,800 | 8,329 | | | |
| 50,050 | 50,100 | 8,313 | 6,589 | 8,313 | 6,854 | 53,050 | 53,100 | 9,063 | 7,039 | 9,063 | 7,591 | 56,050 | 56,100 | 9,813 | 7,489 | 9,813 | 8,341 | | | |
| 50,100 | 50,150 | 8,325 | 6,596 | 8,325 | 6,861 | 53,100 | 53,150 | 9,075 | 7,046 | 9,075 | 7,604 | 56,100 | 56,150 | 9,825 | 7,496 | 9,825 | 8,354 | | | |
| 50,150 | 50,200 | 8,338 | 6,604 | 8,338 | 6,869 | 53,150 | 53,200 | 9,088 | 7,054 | 9,088 | 7,616 | 56,150 | 56,200 | 9,838 | 7,504 | 9,838 | 8,366 | | | |
| 50,200 | 50,250 | 8,350 | 6,611 | 8,350 | 6,879 | 53,200 | 53,250 | 9,100 | 7,061 | 9,100 | 7,629 | 56,200 | 56,250 | 9,850 | 7,511 | 9,850 | 8,379 | | | |
| 50,250 | 50,300 | 8,363 | 6,619 | 8,363 | 6,891 | 53,250 | 53,300 | 9,113 | 7,069 | 9,113 | 7,641 | 56,250 | 56,300 | 9,863 | 7,519 | 9,863 | 8,391 | | | |
| 50,300 | 50,350 | 8,375 | 6,626 | 8,375 | 6,904 | 53,300 | 53,350 | 9,125 | 7,076 | 9,125 | 7,654 | 56,300 | 56,350 | 9,875 | 7,526 | 9,875 | 8,404 | | | |
| 50,350 | 50,400 | 8,388 | 6,634 | 8,388 | 6,916 | 53,350 | 53,400 | 9,138 | 7,084 | 9,138 | 7,666 | 56,350 | 56,400 | 9,888 | 7,534 | 9,888 | 8,416 | | | |
| 50,400 | 50,450 | 8,400 | 6,641 | 8,400 | 6,929 | 53,400 | 53,450 | 9,150 | 7,091 | 9,150 | 7,679 | 56,400 | 56,450 | 9,900 | 7,541 | 9,900 | 8,429 | | | |
| 50,450 | 50,500 | 8,413 | 6,649 | 8,413 | 6,941 | 53,450 | 53,500 | 9,163 | 7,099 | 9,163 | 7,691 | 56,450 | 56,500 | 9,913 | 7,549 | 9,913 | 8,441 | | | |
| 50,500 | 50,550 | 8,425 | 6,656 | 8,425 | 6,954 | 53,500 | 53,550 | 9,175 | 7,106 | 9,175 | 7,704 | 56,500 | 56,550 | 9,925 | 7,556 | 9,925 | 8,454 | | | |
| 50,550 | 50,600 | 8,438 | 6,664 | 8,438 | 6,966 | 53,550 | 53,600 | 9,188 | 7,114 | 9,188 | 7,716 | 56,550 | 56,600 | 9,938 | 7,564 | 9,938 | 8,466 | | | |
| 50,600 | 50,650 | 8,450 | 6,671 | 8,450 | 6,979 | 53,600 | 53,650 | 9,200 | 7,121 | 9,200 | 7,729 | 56,600 | 56,650 | 9,950 | 7,571 | 9,950 | 8,479 | | | |
| 50,650 | 50,700 | 8,463 | 6,679 | 8,463 | 6,991 | 53,650 | 53,700 | 9,213 | 7,129 | 9,213 | 7,741 | 56,650 | 56,700 | 9,963 | 7,579 | 9,963 | 8,491 | | | |
| 50,700 | 50,750 | 8,475 | 6,686 | 8,475 | 7,004 | 53,700 | 53,750 | 9,225 | 7,136 | 9,225 | 7,754 | 56,700 | 56,750 | 9,975 | 7,586 | 9,975 | 8,504 | | | |
| 50,750 | 50,800 | 8,488 | 6,694 | 8,488 | 7,016 | 53,750 | 53,800 | 9,238 | 7,144 | 9,238 | 7,766 | 56,750 | 56,800 | 9,988 | 7,594 | 9,988 | 8,516 | | | |
| 50,800 | 50,850 | 8,500 | 6,701 | 8,500 | 7,029 | 53,800 | 53,850 | 9,250 | 7,151 | 9,250 | 7,779 | 56,800 | 56,850 | 10,000 | 7,601 | 10,000 | 8,529 | | | |
| 50,850 | 50,900 | 8,513 | 6,709 | 8,513 | 7,041 | 53,850 | 53,900 | 9,263 | 7,159 | 9,263 | 7,791 | 56,850 | 56,900 | 10,013 | 7,609 | 10,013 | 8,541 | | | |
| 50,900 | 50,950 | 8,525 | 6,716 | 8,525 | 7,054 | 53,900 | 53,950 | 9,275 | 7,166 | 9,275 | 7,804 | 56,900 | 56,950 | 10,025 | 7,616 | 10,025 | 8,554 | | | |
| 50,950 | 51,000 | 8,538 | 6,724 | 8,538 | 7,066 | 53,950 | 54,000 | 9,288 | 7,174 | 9,288 | 7,816 | 56,950 | 57,000 | 10,038 | 7,624 | 10,038 | 8,566 | | | |

* This column must also be used by a qualifying widow(er).

(Continued)

| If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | | | | | | | | | | | | | | | | | | | | | |
| 57,000 | | | | | | 60,000 | | | | | | 63,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,000 | 57,050 | 10,050 | 7,631 | 10,050 | 8,579 | 60,000 | 60,050 | 10,800 | 8,081 | 10,800 | 9,329 | 63,000 | 63,050 | 11,550 | 8,531 | 11,550 | 10,079 | 63,050 | 63,100 | 11,563 | 8,539 | 11,563 | 10,091 | 63,100 | 63,150 | 11,575 | 8,546 | 11,575 | 10,104 | 63,150 | 63,200 | 11,588 | 8,554 | 11,588 | 10,116 | 63,200 | 63,250 | 11,600 | 8,561 | 11,600 | 10,129 |
| 57,050 | 57,100 | 10,063 | 7,639 | 10,063 | 8,591 | 60,050 | 60,100 | 10,813 | 8,089 | 10,813 | 9,341 | 63,250 | 63,300 | 11,613 | 8,569 | 11,613 | 10,141 | 63,300 | 63,350 | 11,625 | 8,576 | 11,625 | 10,154 | 63,350 | 63,400 | 11,638 | 8,584 | 11,638 | 10,166 | 63,400 | 63,450 | 11,650 | 8,591 | 11,650 | 10,179 | 63,450 | 63,500 | 11,663 | 8,599 | 11,663 | 10,191 |
| 57,100 | 57,150 | 10,075 | 7,646 | 10,075 | 8,604 | 60,100 | 60,150 | 10,825 | 8,096 | 10,825 | 9,354 | 63,500 | 63,550 | 11,675 | 8,606 | 11,675 | 10,204 | 63,550 | 63,600 | 11,688 | 8,614 | 11,688 | 10,216 | 63,600 | 63,650 | 11,700 | 8,621 | 11,700 | 10,229 | 63,650 | 63,700 | 11,713 | 8,629 | 11,713 | 10,241 | 63,700 | 63,750 | 11,725 | 8,636 | 11,725 | 10,254 |
| 57,150 | 57,200 | 10,088 | 7,654 | 10,088 | 8,616 | 60,150 | 60,200 | 10,838 | 8,104 | 10,838 | 9,366 | 63,750 | 63,800 | 11,738 | 8,644 | 11,738 | 10,266 | 63,800 | 63,850 | 11,750 | 8,651 | 11,750 | 10,279 | 63,850 | 63,900 | 11,763 | 8,659 | 11,763 | 10,291 | 63,900 | 63,950 | 11,775 | 8,666 | 11,775 | 10,304 | 63,950 | 64,000 | 11,788 | 8,674 | 11,788 | 10,316 |
| 57,200 | 57,250 | 10,100 | 7,661 | 10,100 | 8,629 | 60,200 | 60,250 | 10,850 | 8,111 | 10,850 | 9,379 | 63,950 | 64,000 | 11,788 | 8,674 | 11,788 | 10,316 | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,250 | 57,300 | 10,113 | 7,669 | 10,113 | 8,641 | 60,250 | 60,300 | 10,863 | 8,119 | 10,863 | 9,391 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,300 | 57,350 | 10,125 | 7,676 | 10,125 | 8,654 | 60,300 | 60,350 | 10,875 | 8,126 | 10,875 | 9,404 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,350 | 57,400 | 10,138 | 7,684 | 10,138 | 8,666 | 60,350 | 60,400 | 10,888 | 8,134 | 10,888 | 9,416 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,400 | 57,450 | 10,150 | 7,691 | 10,150 | 8,679 | 60,400 | 60,450 | 10,900 | 8,141 | 10,900 | 9,429 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,450 | 57,500 | 10,163 | 7,699 | 10,163 | 8,691 | 60,450 | 60,500 | 10,913 | 8,149 | 10,913 | 9,441 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,500 | 57,550 | 10,175 | 7,706 | 10,175 | 8,704 | 60,500 | 60,550 | 10,925 | 8,156 | 10,925 | 9,454 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,550 | 57,600 | 10,188 | 7,714 | 10,188 | 8,716 | 60,550 | 60,600 | 10,938 | 8,164 | 10,938 | 9,466 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,600 | 57,650 | 10,200 | 7,721 | 10,200 | 8,729 | 60,600 | 60,650 | 10,950 | 8,171 | 10,950 | 9,479 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,650 | 57,700 | 10,213 | 7,729 | 10,213 | 8,741 | 60,650 | 60,700 | 10,963 | 8,179 | 10,963 | 9,491 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,700 | 57,750 | 10,225 | 7,736 | 10,225 | 8,754 | 60,700 | 60,750 | 10,975 | 8,186 | 10,975 | 9,504 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,750 | 57,800 | 10,238 | 7,744 | 10,238 | 8,766 | 60,750 | 60,800 | 10,988 | 8,194 | 10,988 | 9,516 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,800 | 57,850 | 10,250 | 7,751 | 10,250 | 8,779 | 60,800 | 60,850 | 11,000 | 8,201 | 11,000 | 9,529 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,850 | 57,900 | 10,263 | 7,759 | 10,263 | 8,791 | 60,850 | 60,900 | 11,013 | 8,209 | 11,013 | 9,541 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,900 | 57,950 | 10,275 | 7,766 | 10,275 | 8,804 | 60,900 | 60,950 | 11,025 | 8,216 | 11,025 | 9,554 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57,950 | 58,000 | 10,288 | 7,774 | 10,288 | 8,816 | 60,950 | 61,000 | 11,038 | 8,224 | 11,038 | 9,566 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,000 | | | | | | 61,000 | | | | | | 64,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,000 | 58,050 | 10,300 | 7,781 | 10,300 | 8,829 | 61,000 | 61,050 | 11,050 | 8,231 | 11,050 | 9,579 | 64,000 | 64,050 | 11,800 | 8,681 | 11,800 | 10,329 | 64,050 | 64,100 | 11,813 | 8,689 | 11,813 | 10,341 | 64,100 | 64,150 | 11,825 | 8,696 | 11,825 | 10,354 | 64,150 | 64,200 | 11,838 | 8,704 | 11,838 | 10,366 | 64,200 | 64,250 | 11,850 | 8,711 | 11,850 | 10,379 |
| 58,050 | 58,100 | 10,313 | 7,789 | 10,313 | 8,841 | 61,050 | 61,100 | 11,063 | 8,239 | 11,063 | 9,591 | 64,250 | 64,300 | 11,863 | 8,719 | 11,863 | 10,391 | 64,300 | 64,350 | 11,875 | 8,726 | 11,875 | 10,404 | 64,350 | 64,400 | 11,888 | 8,734 | 11,888 | 10,416 | 64,400 | 64,450 | 11,900 | 8,741 | 11,900 | 10,429 | 64,450 | 64,500 | 11,913 | 8,749 | 11,913 | 10,441 |
| 58,100 | 58,150 | 10,325 | 7,796 | 10,325 | 8,854 | 61,100 | 61,150 | 11,075 | 8,246 | 11,075 | 9,604 | 64,500 | 64,550 | 11,925 | 8,756 | 11,925 | 10,454 | 64,550 | 64,600 | 11,938 | 8,764 | 11,938 | 10,466 | 64,600 | 64,650 | 11,950 | 8,771 | 11,950 | 10,479 | 64,650 | 64,700 | 11,963 | 8,779 | 11,963 | 10,491 | 64,700 | 64,750 | 11,975 | 8,786 | 11,975 | 10,504 |
| 58,150 | 58,200 | 10,338 | 7,804 | 10,338 | 8,866 | 61,150 | 61,200 | 11,088 | 8,254 | 11,088 | 9,616 | 64,750 | 64,800 | 11,988 | 8,794 | 11,988 | 10,516 | 64,800 | 64,850 | 12,000 | 8,801 | 12,000 | 10,529 | 64,850 | 64,900 | 12,013 | 8,809 | 12,013 | 10,541 | 64,900 | 64,950 | 12,025 | 8,816 | 12,025 | 10,554 | 64,950 | 65,000 | 12,038 | 8,824 | 12,038 | 10,566 |
| 58,200 | 58,250 | 10,350 | 7,811 | 10,350 | 8,879 | 61,200 | 61,250 | 11,100 | 8,261 | 11,100 | 9,629 | 64,950 | 65,000 | 12,038 | 8,824 | 12,038 | 10,566 | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,250 | 58,300 | 10,363 | 7,819 | 10,363 | 8,891 | 61,250 | 61,300 | 11,113 | 8,269 | 11,113 | 9,641 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,300 | 58,350 | 10,375 | 7,826 | 10,375 | 8,904 | 61,300 | 61,350 | 11,125 | 8,276 | 11,125 | 9,654 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,350 | 58,400 | 10,388 | 7,834 | 10,388 | 8,916 | 61,350 | 61,400 | 11,138 | 8,284 | 11,138 | 9,666 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,400 | 58,450 | 10,400 | 7,841 | 10,400 | 8,929 | 61,400 | 61,450 | 11,150 | 8,291 | 11,150 | 9,679 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,450 | 58,500 | 10,413 | 7,849 | 10,413 | 8,941 | 61,450 | 61,500 | 11,163 | 8,299 | 11,163 | 9,691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,500 | 58,550 | 10,425 | 7,856 | 10,425 | 8,954 | 61,500 | 61,550 | 11,175 | 8,306 | 11,175 | 9,704 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,550 | 58,600 | 10,438 | 7,864 | 10,438 | 8,966 | 61,550 | 61,600 | 11,188 | 8,314 | 11,188 | 9,716 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,600 | 58,650 | 10,450 | 7,871 | 10,450 | 8,979 | 61,600 | 61,650 | 11,200 | 8,321 | 11,200 | 9,729 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,650 | 58,700 | 10,463 | 7,879 | 10,463 | 8,991 | 61,650 | 61,700 | 11,213 | 8,329 | 11,213 | 9,741 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,700 | 58,750 | 10,475 | 7,886 | 10,475 | 9,004 | 61,700 | 61,750 | 11,225 | 8,336 | 11,225 | 9,754 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,750 | 58,800 | 10,488 | 7,894 | 10,488 | 9,016 | 61,750 | 61,800 | 11,238 | 8,344 | 11,238 | 9,766 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,800 | 58,850 | 10,500 | 7,901 | 10,500 | 9,029 | 61,800 | 61,850 | 11,250 | 8,351 | 11,250 | 9,779 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,850 | 58,900 | 10,513 | 7,909 | 10,513 | 9,041 | 61,850 | 61,900 | 11,263 | 8,359 | 11,263 | 9,791 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,900 | 58,950 | 10,525 | 7,916 | 10,525 | 9,054 | 61,900 | 61,950 | 11,275 | 8,366 | 11,275 | 9,804 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58,950 | 59,000 | 10,538 | 7,924 | 10,538 | 9,066 | 61,950 | 62,000 | 11,288 | 8,374 | 11,288 | 9,816 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59,000 | | | | | | 62,000 | | | | | | 65,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59,000 | 59,050 | 10,550 | 7,931 | 10,550 | 9,079 | 62,000 | 62,050 | 11,300 | 8,381 | 11,300 | 9,829 | 65,000 | 65,050 | 12,050 | 8,831 | 12,050 | 10,579 | 65,050 | 65,100 | 12,063 | 8,839 | 12,063 | 10,591 | 65,100 | 65,150 | 12,075 | 8,846 | 12,075 | 10,604 | 65,150 | 65,200 | | | | | | | | | | |

| If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | | | | | | | | | | | | | | | | | | | | | |
| 66,000 | | | | | | 69,000 | | | | | | 72,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66,000 | 66,050 | 12,300 | 8,981 | 12,300 | 10,829 | 69,000 | 69,050 | 13,050 | 9,431 | 13,050 | 11,579 | 72,000 | 72,050 | 13,800 | 9,881 | 13,800 | 12,329 | 72,050 | 72,100 | 13,813 | 9,889 | 13,813 | 12,341 | 72,100 | 72,150 | 13,825 | 9,896 | 13,825 | 12,354 | 72,150 | 72,200 | 13,838 | 9,904 | 13,838 | 12,366 | 72,200 | 72,250 | 13,850 | 9,911 | 13,850 | 12,379 |
| 66,100 | 66,150 | 12,325 | 8,996 | 12,325 | 10,854 | 69,100 | 69,150 | 13,075 | 9,446 | 13,075 | 11,604 | 72,250 | 72,300 | 13,863 | 9,919 | 13,863 | 12,391 | 72,300 | 72,350 | 13,875 | 9,926 | 13,875 | 12,404 | 72,350 | 72,400 | 13,888 | 9,934 | 13,888 | 12,416 | 72,400 | 72,450 | 13,900 | 9,941 | 13,900 | 12,429 | 72,450 | 72,500 | 13,913 | 9,949 | 13,913 | 12,441 |
| 66,200 | 66,250 | 12,350 | 9,011 | 12,350 | 10,879 | 69,200 | 69,250 | 13,100 | 9,461 | 13,100 | 11,629 | 72,500 | 72,550 | 13,925 | 9,956 | 13,925 | 12,454 | 72,550 | 72,600 | 13,938 | 9,964 | 13,938 | 12,466 | 72,600 | 72,650 | 13,950 | 9,971 | 13,950 | 12,479 | 72,650 | 72,700 | 13,963 | 9,979 | 13,963 | 12,491 | 72,700 | 72,750 | 13,975 | 9,986 | 13,975 | 12,504 |
| 66,250 | 66,300 | 12,363 | 9,019 | 12,363 | 10,891 | 69,250 | 69,300 | 13,113 | 9,469 | 13,113 | 11,641 | 72,750 | 72,800 | 13,988 | 9,994 | 13,988 | 12,516 | 72,800 | 72,850 | 14,000 | 10,001 | 14,000 | 12,529 | 72,850 | 72,900 | 14,013 | 10,009 | 14,013 | 12,541 | 72,900 | 72,950 | 14,025 | 10,016 | 14,025 | 12,554 | 72,950 | 73,000 | 14,038 | 10,024 | 14,038 | 12,566 |
| 66,300 | 66,350 | 12,375 | 9,026 | 12,375 | 10,904 | 69,300 | 69,350 | 13,125 | 9,476 | 13,125 | 11,654 | 72,950 | 73,000 | 14,050 | 10,031 | 14,050 | 12,579 | 73,000 | 73,050 | 14,063 | 10,039 | 14,063 | 12,591 | 73,050 | 73,100 | 14,075 | 10,046 | 14,075 | 12,604 | 73,100 | 73,150 | 14,088 | 10,054 | 14,088 | 12,616 | 73,150 | 73,200 | 14,100 | 10,061 | 14,100 | 12,629 |
| 66,350 | 66,400 | 12,388 | 9,034 | 12,388 | 10,916 | 69,350 | 69,400 | 13,138 | 9,484 | 13,138 | 11,666 | 73,200 | 73,250 | 14,113 | 10,069 | 14,113 | 12,641 | 73,250 | 73,300 | 14,125 | 10,076 | 14,125 | 12,654 | 73,300 | 73,350 | 14,138 | 10,084 | 14,138 | 12,666 | 73,350 | 73,400 | 14,150 | 10,091 | 14,150 | 12,679 | 73,400 | 73,450 | 14,163 | 10,099 | 14,163 | 12,691 |
| 66,400 | 66,450 | 12,400 | 9,041 | 12,400 | 10,929 | 69,400 | 69,450 | 13,150 | 9,491 | 13,150 | 11,679 | 73,450 | 73,500 | 14,175 | 10,106 | 14,175 | 12,704 | 73,500 | 73,550 | 14,188 | 10,114 | 14,188 | 12,716 | 73,550 | 73,600 | 14,200 | 10,121 | 14,200 | 12,729 | 73,600 | 73,650 | 14,213 | 10,129 | 14,213 | 12,741 | 73,650 | 73,700 | 14,225 | 10,136 | 14,225 | 12,754 |
| 66,450 | 66,500 | 12,413 | 9,049 | 12,413 | 10,941 | 69,450 | 69,500 | 13,163 | 9,499 | 13,163 | 11,691 | 73,700 | 73,750 | 14,238 | 10,144 | 14,238 | 12,766 | 73,750 | 73,800 | 14,250 | 10,151 | 14,250 | 12,779 | 73,800 | 73,850 | 14,263 | 10,159 | 14,263 | 12,791 | 73,850 | 73,900 | 14,275 | 10,166 | 14,275 | 12,804 | 73,900 | 73,950 | 14,288 | 10,174 | 14,288 | 12,816 |
| 66,500 | 66,550 | 12,425 | 9,056 | 12,425 | 10,954 | 69,500 | 69,550 | 13,175 | 9,506 | 13,175 | 11,704 | 73,950 | 74,000 | 14,300 | 10,181 | 14,300 | 12,829 | 74,000 | 74,050 | 14,313 | 10,189 | 14,313 | 12,841 | 74,050 | 74,100 | 14,325 | 10,196 | 14,325 | 12,854 | 74,100 | 74,150 | 14,338 | 10,204 | 14,338 | 12,866 | 74,150 | 74,200 | 14,350 | 10,211 | 14,350 | 12,879 |
| 66,550 | 66,600 | 12,438 | 9,064 | 12,438 | 10,966 | 69,550 | 69,600 | 13,188 | 9,514 | 13,188 | 11,716 | 74,200 | 74,250 | 14,363 | 10,219 | 14,363 | 12,891 | 74,250 | 74,300 | 14,375 | 10,226 | 14,375 | 12,904 | 74,300 | 74,350 | 14,388 | 10,234 | 14,388 | 12,916 | 74,350 | 74,400 | 14,400 | 10,241 | 14,400 | 12,929 | 74,400 | 74,450 | 14,413 | 10,249 | 14,413 | 12,941 |
| 66,600 | 66,650 | 12,450 | 9,071 | 12,450 | 10,979 | 69,600 | 69,650 | 13,200 | 9,521 | 13,200 | 11,729 | 74,450 | 74,500 | 14,425 | 10,256 | 14,425 | 12,954 | 74,500 | 74,550 | 14,438 | 10,264 | 14,438 | 12,966 | 74,550 | 74,600 | 14,450 | 10,271 | 14,450 | 12,979 | 74,600 | 74,650 | 14,463 | 10,279 | 14,463 | 12,991 | 74,650 | 74,700 | 14,475 | 10,286 | 14,475 | 13,004 |
| 66,650 | 66,700 | 12,463 | 9,079 | 12,463 | 10,991 | 69,650 | 69,700 | 13,213 | 9,529 | 13,213 | 11,741 | 74,700 | 74,750 | 14,488 | 10,294 | 14,488 | 13,016 | 74,750 | 74,800 | 14,500 | 10,301 | 14,500 | 13,029 | 74,800 | 74,850 | 14,513 | 10,309 | 14,513 | 13,041 | 74,850 | 74,900 | 14,525 | 10,319 | 14,525 | 13,054 | 74,900 | 74,950 | 14,538 | 10,331 | 14,538 | 13,066 |
| 66,700 | 66,750 | 12,475 | 9,086 | 12,475 | 11,004 | 69,700 | 69,750 | 13,225 | 9,536 | 13,225 | 11,754 | 74,950 | 75,000 | 14,550 | 10,339 | 14,550 | 13,079 | 75,000 | 75,050 | 14,563 | 10,347 | 14,563 | 13,091 | 75,050 | 75,100 | 14,575 | 10,354 | 14,575 | 13,104 | 75,100 | 75,150 | 14,588 | 10,362 | 14,588 | 13,116 | 75,150 | 75,200 | 14,600 | 10,369 | 14,600 | 13,129 |
| 66,750 | 66,800 | 12,488 | 9,094 | 12,488 | 11,016 | 69,750 | 69,800 | 13,238 | 9,544 | 13,238 | 11,766 | 75,200 | 75,250 | 14,613 | 10,376 | 14,613 | 13,141 | 75,250 | 75,300 | 14,625 | 10,384 | 14,625 | 13,154 | 75,300 | 75,350 | 14,638 | 10,391 | 14,638 | 13,166 | 75,350 | 75,400 | 14,650 | 10,399 | 14,650 | 13,179 | 75,400 | 75,450 | 14,663 | 10,406 | 14,663 | 13,191 |
| 66,800 | 66,850 | 12,500 | 9,101 | 12,500 | 11,029 | 69,800 | 69,850 | 13,250 | 9,551 | 13,250 | 11,779 | 75,450 | 75,500 | 14,675 | 10,414 | 14,675 | 13,204 | 75,500 | 75,550 | 14,688 | 10,421 | 14,688 | 13,216 | 75,550 | 75,600 | 14,700 | 10,429 | 14,700 | 13,229 | 75,600 | 75,650 | 14,713 | 10,436 | 14,713 | 13,241 | 75,650 | 75,700 | 14,725 | 10,444 | 14,725 | 13,254 |
| 66,850 | 66,900 | 12,513 | 9,109 | 12,513 | 11,041 | 69,850 | 69,900 | 13,263 | 9,559 | 13,263 | 11,791 | 75,700 | 75,750 | 14,738 | 10,451 | 14,738 | 13,266 | 75,750 | 75,800 | 14,750 | 10,459 | 14,750 | 13,279 | 75,800 | 75,850 | 14,763 | 10,466 | 14,763 | 13,291 | 75,850 | 75,900 | 14,775 | 10,474 | 14,775 | 13,304 | 75,900 | 75,950 | 14,788 | 10,481 | 14,788 | 13,316 |
| 66,900 | 66,950 | 12,525 | 9,116 | 12,525 | 11,054 | 69,900 | 69,950 | 13,275 | 9,566 | 13,275 | 11,804 | 75,950 | 76,000 | 14,800 | 10,489 | 14,800 | 13,329 | 76,000 | 76,050 | 14,813 | 10,496 | 14,813 | 13,341 | 76,050 | 76,100 | 14,825 | 10,504 | 14,825 | 13,354 | 76,100 | 76,150 | 14,838 | 10,511 | 14,838 | 13,366 | 76,150 | 76,200 | 14,850 | 10,519 | 14,850 | 13,379 |
| 66,950 | 67,000 | 12,538 | 9,124 | 12,538 | 11,066 | 69,950 | 70,000 | 13,288 | 9,574 | 13,288 | 11,816 | 76,200 | 76,250 | 14,863 | 10,526 | 14,863 | 13,391 | 76,250 | 76,300 | 14,875 | 10,534 | 14,875 | 13,404 | 76,300 | 76,350 | 14,888 | 10,541 | 14,888 | 13,416 | 76,350 | 76,400 | 14,900 | 10,549 | 14,900 | 13,429 | 76,400 | 76,450 | 14,913 | 10,556 | 14,913 | 13,441 |
| 67,000 | | | | | | 70,000 | | | | | | 73,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67,000 | 67,050 | 12,550 | 9,131 | 12,550 | 11,079 | 70,000 | 70,050 | 13,300 | 9,581 | 13,300 | 11,829 | 73,000 | 73,050 | 14,925 | 10,564 | 14,925 | 13,454 | 73,050 | 73,100 | 14,938 | 10,571 | 14,938 | 13,466 | 73,100 | 73,150 | 14,950 | 10,579 | 14,950 | 13,479 | 73,150 | 73,200 | 14,963 | 10,586 | 14,963 | 13,491 | 73,200 | 73,250 | 14,975 | 10,594 | 14,975 | 13,504 |
| 67,050 | 67,100 | 12,563 | 9,139 | 12,563 | 11,091 | 70,050 | 70,100 | 13,313 | 9,589 | 13,313 | 11,841 | 73,250 | 73,300 | 14,988 | 10,601 | 14,988 | 13,516 | 73,300 | 73,350 | 14,999 | 10,609 | 14,999 | 13,529 | 73,350 | 73,400 | 15,013 | 10,616 | 15,013 | 13,541 | 73,400 | 73,450 | 15,025 | 10,624 | 15,025 | 13,554 | 73,450 | 73,500 | 15,038 | 10,631 | 15,038 | 13,566 |
| 67,100 | 67,150 | 12,575 | 9,146 | 12,575 | 11,104 | 70,100 | 70,150 | 13,325 | 9,596 | 13,325 | 11,854 | 73,500 | 73,550 | 15,050 | 10,639 | 15,050 | 13,579 | 73,550 | 73,600 | 15,063 | 10,646 | 15,063 | 13,589 | 73,600 | 73,650 | 15,075 | 10,654 | 15,075 | 13,604 | 73,650 | 73,700 | 15,088 | 10,661 | 15,088 | 13,616 | 73,700 | 73,750 | 15,100 | 10,669 | 15,100 | 13,629 |
| 67,150 | 67,200 | 12,588 | 9,154 | 12,588 | 11,116 | 70,150 | 70,200 | 13,338 | 9,604 | 13,338 | 11,866 | 73,750 | 73,800 | 15,113 | 10,676 | 15,113 | 13,641 | 73,800 | 73,850 | 15,125 | 10,684 | 15,125 | 13,654 | 73,850 | 73,900 | 15,138 | 10,691 | 15,138 | 13,666 | 73,900 | 73,950 | 15,150 | 10,699 | 15,150 | 13,679 | 73,950 | 74,000 | 15,163 | 10,706 | 15,163 | 13,691 |
| 67,200 | 67,250 | 12,600 | 9,161 | 12,600 | 11,129 | 70,200 | 70,250 | 13,350 | 9,611 | 13,350 | 11,879 | 74,000 | 74,050 | 15,175 | 10,714 | 15,175 | 13,704 | 74,050 | 74,100 | 15,188 | 10,721 | 15,188 | 13,716 | 74,100 | 74,150 | 15,200 | 10,729 | 15,200 | 13,729 | 74,150 | 74,200 | 15,213 | 10,736 | 15,213 | 13,741 | 74,200 | 74,250 | 15,225 | 10,744 | 15,225 | 13,754 |
| 67,250 | 67,300 | 12,613 | 9,169 | 12,613 | 11,141 | 70,250 | 70,300 | 13,363 | 9,619 | 13,363 | 11,891 | 74,250 | 74,300 | 15,238 | 10,751 | 15,238 | 13,766 | 74,300 | 74,350 | 15,250 | 10,759 | 15,250 | 13,779 | 74,350 | 74,400 | 15,263 | 10,766 | 15,263 | 13,791 | 74,400 | 74,450 | 15,275 | 10,774 | 15,275 | 13,804 | 74,450 | 74,500 | 15,288 | 10,781 | 15,288 | 13,816 |
| 67,300 | 67,350 | 12,625 | 9,176 | 12,625 | 11,154 | 70,300 | 70,350 | 13,375 | 9,626 | 13,375 | 11,904 | 74,500 | 74,550 | 15,300 | 10,789 | 15,300 | 13,829 | 74,550 | 74,600 | 15,313 | 10,796 | 15,313 | 13,841 | 74,600 | 74,650 | 15,325 | 10,804 | 15,325 | 13,854 | 74,650 | 74,700 | 15,338 | 10,811 | 15,338 | 13,866 | 74,700 | 74,750 | 15,350 | 10,819 | 15,350 | 13,879</ |

| If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— |
|---------------------------------|--------|--------------|--------------------------|---------------------------|---------------------|---------------|---------------------------------|--------|--------------|--------------------------|---------------------------|---------------------|--------------|---------------------------------|--------|--------------|--------------------------|---------------------------|---------------------|--------------|
| | | Single | Married filing jointly * | Married filing separately | Head of a household | | | | Single | Married filing jointly * | Married filing separately | Head of a household | | | | Single | Married filing jointly * | Married filing separately | Head of a household | |
| 75,000 | | | | | | 78,000 | | | | | | 81,000 | | | | | | | | |
| 75,000 | 75,050 | 14,550 | 10,344 | 14,550 | 13,079 | 78,000 | 78,050 | 15,300 | 11,094 | 15,373 | 13,829 | 81,000 | 81,050 | 16,050 | 11,844 | 16,213 | 14,579 | | | |
| 75,050 | 75,100 | 14,563 | 10,356 | 14,563 | 13,091 | 78,050 | 78,100 | 15,313 | 11,106 | 15,387 | 13,841 | 81,050 | 81,100 | 16,063 | 11,856 | 16,227 | 14,591 | | | |
| 75,100 | 75,150 | 14,575 | 10,369 | 14,575 | 13,104 | 78,100 | 78,150 | 15,325 | 11,119 | 15,401 | 13,854 | 81,100 | 81,150 | 16,075 | 11,869 | 16,241 | 14,604 | | | |
| 75,150 | 75,200 | 14,588 | 10,381 | 14,588 | 13,116 | 78,150 | 78,200 | 15,338 | 11,131 | 15,415 | 13,866 | 81,150 | 81,200 | 16,088 | 11,881 | 16,255 | 14,616 | | | |
| 75,200 | 75,250 | 14,600 | 10,394 | 14,600 | 13,129 | 78,200 | 78,250 | 15,350 | 11,144 | 15,429 | 13,879 | 81,200 | 81,250 | 16,100 | 11,894 | 16,269 | 14,629 | | | |
| 75,250 | 75,300 | 14,613 | 10,406 | 14,613 | 13,141 | 78,250 | 78,300 | 15,363 | 11,156 | 15,443 | 13,891 | 81,250 | 81,300 | 16,113 | 11,906 | 16,283 | 14,641 | | | |
| 75,300 | 75,350 | 14,625 | 10,419 | 14,625 | 13,154 | 78,300 | 78,350 | 15,375 | 11,169 | 15,457 | 13,904 | 81,300 | 81,350 | 16,125 | 11,919 | 16,297 | 14,654 | | | |
| 75,350 | 75,400 | 14,638 | 10,431 | 14,638 | 13,166 | 78,350 | 78,400 | 15,388 | 11,181 | 15,471 | 13,916 | 81,350 | 81,400 | 16,138 | 11,931 | 16,311 | 14,666 | | | |
| 75,400 | 75,450 | 14,650 | 10,444 | 14,650 | 13,179 | 78,400 | 78,450 | 15,400 | 11,194 | 15,485 | 13,929 | 81,400 | 81,450 | 16,150 | 11,944 | 16,325 | 14,679 | | | |
| 75,450 | 75,500 | 14,663 | 10,456 | 14,663 | 13,191 | 78,450 | 78,500 | 15,413 | 11,206 | 15,499 | 13,941 | 81,450 | 81,500 | 16,163 | 11,956 | 16,339 | 14,691 | | | |
| 75,500 | 75,550 | 14,675 | 10,469 | 14,675 | 13,204 | 78,500 | 78,550 | 15,425 | 11,219 | 15,513 | 13,954 | 81,500 | 81,550 | 16,175 | 11,969 | 16,353 | 14,704 | | | |
| 75,550 | 75,600 | 14,688 | 10,481 | 14,688 | 13,216 | 78,550 | 78,600 | 15,438 | 11,231 | 15,527 | 13,966 | 81,550 | 81,600 | 16,188 | 11,981 | 16,367 | 14,716 | | | |
| 75,600 | 75,650 | 14,700 | 10,494 | 14,701 | 13,229 | 78,600 | 78,650 | 15,450 | 11,244 | 15,541 | 13,979 | 81,600 | 81,650 | 16,200 | 11,994 | 16,381 | 14,729 | | | |
| 75,650 | 75,700 | 14,713 | 10,506 | 14,715 | 13,241 | 78,650 | 78,700 | 15,463 | 11,256 | 15,555 | 13,991 | 81,650 | 81,700 | 16,213 | 12,006 | 16,395 | 14,741 | | | |
| 75,700 | 75,750 | 14,725 | 10,519 | 14,729 | 13,254 | 78,700 | 78,750 | 15,475 | 11,269 | 15,569 | 14,004 | 81,700 | 81,750 | 16,225 | 12,019 | 16,409 | 14,754 | | | |
| 75,750 | 75,800 | 14,738 | 10,531 | 14,743 | 13,266 | 78,750 | 78,800 | 15,488 | 11,281 | 15,583 | 14,016 | 81,750 | 81,800 | 16,238 | 12,031 | 16,423 | 14,766 | | | |
| 75,800 | 75,850 | 14,750 | 10,544 | 14,757 | 13,279 | 78,800 | 78,850 | 15,500 | 11,294 | 15,597 | 14,029 | 81,800 | 81,850 | 16,250 | 12,044 | 16,437 | 14,779 | | | |
| 75,850 | 75,900 | 14,763 | 10,556 | 14,771 | 13,291 | 78,850 | 78,900 | 15,513 | 11,306 | 15,611 | 14,041 | 81,850 | 81,900 | 16,263 | 12,056 | 16,451 | 14,791 | | | |
| 75,900 | 75,950 | 14,775 | 10,569 | 14,785 | 13,304 | 78,900 | 78,950 | 15,525 | 11,319 | 15,625 | 14,054 | 81,900 | 81,950 | 16,275 | 12,069 | 16,465 | 14,804 | | | |
| 75,950 | 76,000 | 14,788 | 10,581 | 14,799 | 13,316 | 78,950 | 79,000 | 15,538 | 11,331 | 15,639 | 14,066 | 81,950 | 82,000 | 16,288 | 12,081 | 16,479 | 14,816 | | | |
| 76,000 | | | | | | 79,000 | | | | | | 82,000 | | | | | | | | |
| 76,000 | 76,050 | 14,800 | 10,594 | 14,813 | 13,329 | 79,000 | 79,050 | 15,550 | 11,344 | 15,653 | 14,079 | 82,000 | 82,050 | 16,300 | 12,094 | 16,493 | 14,829 | | | |
| 76,050 | 76,100 | 14,813 | 10,606 | 14,827 | 13,341 | 79,050 | 79,100 | 15,563 | 11,356 | 15,667 | 14,091 | 82,050 | 82,100 | 16,313 | 12,106 | 16,507 | 14,841 | | | |
| 76,100 | 76,150 | 14,825 | 10,619 | 14,841 | 13,354 | 79,100 | 79,150 | 15,575 | 11,369 | 15,681 | 14,104 | 82,100 | 82,150 | 16,325 | 12,119 | 16,521 | 14,854 | | | |
| 76,150 | 76,200 | 14,838 | 10,631 | 14,855 | 13,366 | 79,150 | 79,200 | 15,588 | 11,381 | 15,695 | 14,116 | 82,150 | 82,200 | 16,338 | 12,131 | 16,535 | 14,866 | | | |
| 76,200 | 76,250 | 14,850 | 10,644 | 14,869 | 13,379 | 79,200 | 79,250 | 15,600 | 11,394 | 15,709 | 14,129 | 82,200 | 82,250 | 16,350 | 12,144 | 16,549 | 14,879 | | | |
| 76,250 | 76,300 | 14,863 | 10,656 | 14,883 | 13,391 | 79,250 | 79,300 | 15,613 | 11,406 | 15,723 | 14,141 | 82,250 | 82,300 | 16,363 | 12,156 | 16,563 | 14,891 | | | |
| 76,300 | 76,350 | 14,875 | 10,669 | 14,897 | 13,404 | 79,300 | 79,350 | 15,625 | 11,419 | 15,737 | 14,154 | 82,300 | 82,350 | 16,375 | 12,169 | 16,577 | 14,904 | | | |
| 76,350 | 76,400 | 14,888 | 10,681 | 14,911 | 13,416 | 79,350 | 79,400 | 15,638 | 11,431 | 15,751 | 14,166 | 82,350 | 82,400 | 16,388 | 12,181 | 16,591 | 14,916 | | | |
| 76,400 | 76,450 | 14,900 | 10,694 | 14,925 | 13,429 | 79,400 | 79,450 | 15,650 | 11,444 | 15,765 | 14,179 | 82,400 | 82,450 | 16,400 | 12,194 | 16,605 | 14,929 | | | |
| 76,450 | 76,500 | 14,913 | 10,706 | 14,939 | 13,441 | 79,450 | 79,500 | 15,663 | 11,456 | 15,779 | 14,191 | 82,450 | 82,500 | 16,413 | 12,206 | 16,619 | 14,941 | | | |
| 76,500 | 76,550 | 14,925 | 10,719 | 14,953 | 13,454 | 79,500 | 79,550 | 15,675 | 11,469 | 15,793 | 14,204 | 82,500 | 82,550 | 16,425 | 12,219 | 16,633 | 14,954 | | | |
| 76,550 | 76,600 | 14,938 | 10,731 | 14,967 | 13,466 | 79,550 | 79,600 | 15,688 | 11,481 | 15,807 | 14,216 | 82,550 | 82,600 | 16,438 | 12,231 | 16,647 | 14,966 | | | |
| 76,600 | 76,650 | 14,950 | 10,744 | 14,981 | 13,479 | 79,600 | 79,650 | 15,700 | 11,494 | 15,821 | 14,229 | 82,600 | 82,650 | 16,450 | 12,244 | 16,661 | 14,979 | | | |
| 76,650 | 76,700 | 14,963 | 10,756 | 14,995 | 13,491 | 79,650 | 79,700 | 15,713 | 11,506 | 15,835 | 14,241 | 82,650 | 82,700 | 16,463 | 12,256 | 16,675 | 14,991 | | | |
| 76,700 | 76,750 | 14,975 | 10,769 | 15,009 | 13,504 | 79,700 | 79,750 | 15,725 | 11,519 | 15,849 | 14,254 | 82,700 | 82,750 | 16,475 | 12,269 | 16,689 | 15,004 | | | |
| 76,750 | 76,800 | 14,988 | 10,781 | 15,023 | 13,516 | 79,750 | 79,800 | 15,738 | 11,531 | 15,863 | 14,266 | 82,750 | 82,800 | 16,488 | 12,281 | 16,703 | 15,016 | | | |
| 76,800 | 76,850 | 15,000 | 10,794 | 15,037 | 13,529 | 79,800 | 79,850 | 15,750 | 11,544 | 15,877 | 14,279 | 82,800 | 82,850 | 16,500 | 12,294 | 16,717 | 15,029 | | | |
| 76,850 | 76,900 | 15,013 | 10,806 | 15,051 | 13,541 | 79,850 | 79,900 | 15,763 | 11,556 | 15,891 | 14,291 | 82,850 | 82,900 | 16,513 | 12,306 | 16,731 | 15,041 | | | |
| 76,900 | 76,950 | 15,025 | 10,819 | 15,065 | 13,554 | 79,900 | 79,950 | 15,775 | 11,569 | 15,905 | 14,304 | 82,900 | 82,950 | 16,525 | 12,319 | 16,745 | 15,054 | | | |
| 76,950 | 77,000 | 15,038 | 10,831 | 15,079 | 13,566 | 79,950 | 80,000 | 15,788 | 11,581 | 15,919 | 14,316 | 82,950 | 83,000 | 16,538 | 12,331 | 16,759 | 15,066 | | | |
| 77,000 | | | | | | 80,000 | | | | | | 83,000 | | | | | | | | |
| 77,000 | 77,050 | 15,050 | 10,844 | 15,093 | 13,579 | 80,000 | 80,050 | 15,800 | 11,594 | 15,933 | 14,329 | 83,000 | 83,050 | 16,550 | 12,344 | 16,773 | 15,079 | | | |
| 77,050 | 77,100 | 15,063 | 10,856 | 15,107 | 13,591 | 80,050 | 80,100 | 15,813 | 11,606 | 15,947 | 14,341 | 83,050 | 83,100 | 16,563 | 12,356 | 16,787 | 15,091 | | | |
| 77,100 | 77,150 | 15,075 | 10,869 | 15,121 | 13,604 | 80,100 | 80,150 | 15,825 | 11,619 | 15,961 | 14,354 | 83,100 | 83,150 | 16,575 | 12,369 | 16,801 | 15,104 | | | |
| 77,150 | 77,200 | 15,088 | 10,881 | 15,135 | 13,616 | 80,150 | 80,200 | 15,838 | 11,631 | 15,975 | 14,366 | 83,150 | 83,200 | 16,588 | 12,381 | 16,815 | 15,116 | | | |
| 77,200 | 77,250 | 15,100 | 10,894 | 15,149 | 13,629 | 80,200 | 80,250 | 15,850 | 11,644 | 15,989 | 14,379 | 83,200 | 83,250 | 16,600 | 12,394 | 16,829 | 15,129 | | | |
| 77,250 | 77,300 | 15,113 | 10,906 | 15,163 | 13,641 | 80,250 | 80,300 | 15,863 | 11,656 | 16,003 | 14,391 | 83,250 | 83,300 | 16,613 | 12,406 | 16,843 | 15,141 | | | |
| 77,300 | 77,350 | 15,125 | 10,919 | 15,177 | 13,654 | 80,300 | 80,350 | 15,875 | 11,669 | 16,017 | 14,404 | 83,300 | 83,350 | 16,625 | 12,419 | 16,857 | 15,154 | | | |
| 77,350 | 77,400 | 15,138 | 10,931 | 15,191 | 13,666 | 80,350 | 80,400 | 15,888 | 11,681 | 16,031 | 14,416 | 83,350 | 83,400 | 16,638 | 12,431 | 16,871 | 15,166 | | | |
| 77,400 | 77,450 | 15,150 | 10,944 | 15,205 | 13,679 | 80,400 | 80,450 | 15,900 | 11,694 | 16,045 | 14,429 | 83,400 | 83,450 | 16,650 | 12,444 | 16,885 | 15,179 | | | |
| 77,450 | 77,500 | 15,163 | 10,956 | 15,219 | 13,691 | 80,450 | 80,500 | 15,913 | 11,706 | 16,059 | 14,441 | 83,450 | 83,500 | 16,663 | 12,456 | 16,899 | 15,191 | | | |
| 77,500 | 77,550 | 15,175 | 10,969 | 15,233 | 13,704 | 80,500 | 80,550 | 15,925 | 11,719 | 16,073 | 14,454 | 83,500 | 83,550 | 16,675 | 12,469 | 16,913 | 15,204 | | | |
| 77,550 | 77,600 | 15,188 | 10,981 | 15,247 | 13,716 | 80,550 | 80,600 | 15,938 | 11,731 | 16,087 | 14,466 | 83,550 | 83,600 | 16,688 | 12,481 | 16,927 | 15,216 | | | |
| 77,600 | 77,650 | 15,200 | 10,994 | 15,261 | 13,729 | 80,600 | 80,650 | 15,950 | 11,744 | 16,101 | 14,479 | 83,600 | 83,650 | 16,700 | 12,494 | 16,941 | 15,229 | | | |
| 77,650 | 77,700 | 15,213 | 11,006 | 15,275 | 13,741 | 80,650 | 80,700 | 15,963 | 11,756 | 16,115 | 14,491 | 83,650 | 83,700 | 16,713 | 12,506 | 16,955 | 15,241 | | | |
| 77,700 | 77,750 | 15,225 | 11,019 | 15,289 | 13,754 | 80,700 | 80,750 | 15,975 | 11,769 | 16,129 | 14,504 | 83,700 | 83,750 | 16,725 | 12,519 | 16,969 | 15,254 | | | |
| 77,750 | 77,800 | 15,238 | 11,031 | 15,303 | 13,766 | 80,750 | 80,800 | 15,988 | 11,781 | 16,143 | 14,516 | 83,750 | 83,800 | 16,738 | 12,531 | 16,983 | 15,266 | | | |
| 77,800 | 77,850 | 15,250 | 11,044 | 15,317 | 13,779 | 80,800 | 80,850 | 16,000 | 11,794 | 16,157 | 14,529 | 83,8 | | | | | | | | |

| If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84,000 | | | | | | 87,000 | | | | | | 90,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84,000 | 84,050 | 16,800 | 12,594 | 17,053 | 15,329 | 87,000 | 87,050 | 17,550 | 13,344 | 17,893 | 16,079 | 90,000 | 90,050 | 18,300 | 14,094 | 18,733 | 16,829 | 84,050 | 84,100 | 16,813 | 12,606 | 17,067 | 15,341 | 87,050 | 87,100 | 17,563 | 13,356 | 17,907 | 16,091 | 90,050 | 90,100 | 18,313 | 14,106 | 18,747 | 16,841 | 84,100 | 84,150 | 16,825 | 12,619 | 17,081 | 15,354 | 87,100 | 87,150 | 17,575 | 13,369 | 17,921 | 16,104 | 90,100 | 90,150 | 18,325 | 14,119 | 18,761 | 16,854 | 84,150 | 84,200 | 16,838 | 12,631 | 17,095 | 15,366 | 87,150 | 87,200 | 17,588 | 13,381 | 17,935 | 16,116 | 90,150 | 90,200 | 18,338 | 14,131 | 18,775 | 16,866 | 84,200 | 84,250 | 16,850 | 12,644 | 17,109 | 15,379 | 87,200 | 87,250 | 17,600 | 13,394 | 17,949 | 16,129 | 90,200 | 90,250 | 18,350 | 14,144 | 18,789 | 16,879 | 84,250 | 84,300 | 16,863 | 12,656 | 17,123 | 15,391 | 87,250 | 87,300 | 17,613 | 13,406 | 17,963 | 16,141 | 90,250 | 90,300 | 18,363 | 14,156 | 18,803 | 16,891 | 84,300 | 84,350 | 16,875 | 12,669 | 17,137 | 15,404 | 87,300 | 87,350 | 17,625 | 13,419 | 17,977 | 16,154 | 90,300 | 90,350 | 18,375 | 14,169 | 18,817 | 16,904 | 84,350 | 84,400 | 16,888 | 12,681 | 17,151 | 15,416 | 87,350 | 87,400 | 17,638 | 13,431 | 17,991 | 16,166 | 90,350 | 90,400 | 18,388 | 14,181 | 18,831 | 16,916 | 84,400 | 84,450 | 16,900 | 12,694 | 17,165 | 15,429 | 87,400 | 87,450 | 17,650 | 13,444 | 18,005 | 16,179 | 90,400 | 90,450 | 18,400 | 14,194 | 18,845 | 16,929 | 84,450 | 84,500 | 16,913 | 12,706 | 17,179 | 15,441 | 87,450 | 87,500 | 17,663 | 13,456 | 18,019 | 16,191 | 90,450 | 90,500 | 18,413 | 14,206 | 18,859 | 16,941 | 84,500 | 84,550 | 16,925 | 12,719 | 17,193 | 15,454 | 87,500 | 87,550 | 17,675 | 13,469 | 18,033 | 16,204 | 90,500 | 90,550 | 18,425 | 14,219 | 18,873 | 16,954 | 84,550 | 84,600 | 16,938 | 12,731 | 17,207 | 15,466 | 87,550 | 87,600 | 17,688 | 13,481 | 18,047 | 16,216 | 90,550 | 90,600 | 18,438 | 14,231 | 18,887 | 16,966 | 84,600 | 84,650 | 16,950 | 12,744 | 17,221 | 15,479 | 87,600 | 87,650 | 17,700 | 13,494 | 18,061 | 16,229 | 90,600 | 90,650 | 18,450 | 14,244 | 18,901 | 16,979 | 84,650 | 84,700 | 16,963 | 12,756 | 17,235 | 15,491 | 87,650 | 87,700 | 17,713 | 13,506 | 18,075 | 16,241 | 90,650 | 90,700 | 18,463 | 14,256 | 18,915 | 16,991 | 84,700 | 84,750 | 16,975 | 12,769 | 17,249 | 15,504 | 87,700 | 87,750 | 17,725 | 13,519 | 18,089 | 16,254 | 90,700 | 90,750 | 18,475 | 14,269 | 18,929 | 17,004 | 84,750 | 84,800 | 16,988 | 12,781 | 17,263 | 15,516 | 87,750 | 87,800 | 17,738 | 13,531 | 18,103 | 16,266 | 90,750 | 90,800 | 18,488 | 14,281 | 18,943 | 17,016 | 84,800 | 84,850 | 17,000 | 12,794 | 17,277 | 15,529 | 87,800 | 87,850 | 17,750 | 13,544 | 18,117 | 16,279 | 90,800 | 90,850 | 18,502 | 14,294 | 18,957 | 17,029 | 84,850 | 84,900 | 17,013 | 12,806 | 17,291 | 15,541 | 87,850 | 87,900 | 17,763 | 13,556 | 18,131 | 16,291 | 90,850 | 90,900 | 18,516 | 14,306 | 18,971 | 17,041 | 84,900 | 84,950 | 17,025 | 12,819 | 17,305 | 15,554 | 87,900 | 87,950 | 17,775 | 13,569 | 18,145 | 16,304 | 90,900 | 90,950 | 18,530 | 14,319 | 18,985 | 17,054 | 84,950 | 85,000 | 17,038 | 12,831 | 17,319 | 15,566 | 87,950 | 88,000 | 17,788 | 13,581 | 18,159 | 16,316 | 90,950 | 91,000 | 18,544 | 14,331 | 18,999 | 17,066 | 85,000 | | | | | | 88,000 | | | | | | 91,000 | | | | | | 85,000 | 85,050 | 17,050 | 12,844 | 17,333 | 15,579 | 88,000 | 88,050 | 17,800 | 13,594 | 18,173 | 16,329 | 91,000 | 91,050 | 18,558 | 14,344 | 19,013 | 17,079 | 85,050 | 85,100 | 17,063 | 12,856 | 17,347 | 15,591 | 88,050 | 88,100 | 17,813 | 13,606 | 18,187 | 16,341 | 91,050 | 91,100 | 18,572 | 14,356 | 19,027 | 17,091 | 85,100 | 85,150 | 17,075 | 12,869 | 17,361 | 15,604 | 88,100 | 88,150 | 17,825 | 13,619 | 18,201 | 16,354 | 91,100 | 91,150 | 18,586 | 14,369 | 19,041 | 17,104 | 85,150 | 85,200 | 17,088 | 12,881 | 17,375 | 15,616 | 88,150 | 88,200 | 17,838 | 13,631 | 18,215 | 16,366 | 91,150 | 91,200 | 18,600 | 14,381 | 19,055 | 17,116 | 85,200 | 85,250 | 17,100 | 12,894 | 17,389 | 15,629 | 88,200 | 88,250 | 17,850 | 13,644 | 18,229 | 16,379 | 91,200 | 91,250 | 18,614 | 14,394 | 19,069 | 17,129 | 85,250 | 85,300 | 17,113 | 12,906 | 17,403 | 15,641 | 88,250 | 88,300 | 17,863 | 13,656 | 18,243 | 16,391 | 91,250 | 91,300 | 18,628 | 14,406 | 19,083 | 17,141 | 85,300 | 85,350 | 17,125 | 12,919 | 17,417 | 15,654 | 88,300 | 88,350 | 17,875 | 13,669 | 18,257 | 16,404 | 91,300 | 91,350 | 18,642 | 14,419 | 19,097 | 17,154 | 85,350 | 85,400 | 17,138 | 12,931 | 17,431 | 15,666 | 88,350 | 88,400 | 17,888 | 13,681 | 18,271 | 16,416 | 91,350 | 91,400 | 18,656 | 14,431 | 19,111 | 17,166 | 85,400 | 85,450 | 17,150 | 12,944 | 17,445 | 15,679 | 88,400 | 88,450 | 17,900 | 13,694 | 18,285 | 16,429 | 91,400 | 91,450 | 18,670 | 14,444 | 19,125 | 17,179 | 85,450 | 85,500 | 17,163 | 12,956 | 17,459 | 15,691 | 88,450 | 88,500 | 17,913 | 13,706 | 18,299 | 16,441 | 91,450 | 91,500 | 18,684 | 14,456 | 19,139 | 17,191 | 85,500 | 85,550 | 17,175 | 12,969 | 17,473 | 15,704 | 88,500 | 88,550 | 17,925 | 13,719 | 18,313 | 16,454 | 91,500 | 91,550 | 18,698 | 14,469 | 19,153 | 17,204 | 85,550 | 85,600 | 17,188 | 12,981 | 17,487 | 15,716 | 88,550 | 88,600 | 17,938 | 13,731 | 18,327 | 16,466 | 91,550 | 91,600 | 18,712 | 14,481 | 19,167 | 17,216 | 85,600 | 85,650 | 17,200 | 12,994 | 17,501 | 15,729 | 88,600 | 88,650 | 17,950 | 13,744 | 18,341 | 16,479 | 91,600 | 91,650 | 18,726 | 14,494 | 19,181 | 17,229 | 85,650 | 85,700 | 17,213 | 13,006 | 17,515 | 15,741 | 88,650 | 88,700 | 17,963 | 13,756 | 18,355 | 16,491 | 91,650 | 91,700 | 18,740 | 14,506 | 19,195 | 17,241 | 85,700 | 85,750 | 17,225 | 13,019 | 17,529 | 15,754 | 88,700 | 88,750 | 17,975 | 13,769 | 18,369 | 16,504 | 91,700 | 91,750 | 18,754 | 14,519 | 19,209 | 17,254 | 85,750 | 85,800 | 17,238 | 13,031 | 17,543 | 15,766 | 88,750 | 88,800 | 17,988 | 13,781 | 18,383 | 16,516 | 91,750 | 91,800 | 18,768 | 14,531 | 19,223 | 17,266 | 85,800 | 85,850 | 17,250 | 13,044 | 17,557 | 15,779 | 88,800 | 88,850 | 18,000 | 13,794 | 18,397 | 16,529 | 91,800 | 91,850 | 18,782 | 14,544 | 19,237 | 17,279 | 85,850 | 85,900 | 17,263 | 13,056 | 17,571 | 15,791 | 88,850 | 88,900 | 18,013 | 13,806 | 18,411 | 16,541 | 91,850 | 91,900 | 18,796 | 14,556 | 19,251 | 17,291 | 85,900 | 85,950 | 17,275 | 13,069 | 17,585 | 15,804 | 88,900 | 88,950 | 18,025 | 13,819 | 18,425 | 16,554 | 91,900 | 91,950 | 18,810 | 14,569 | 19,265 | 17,304 | 85,950 | 86,000 | 17,288 | 13,081 | 17,599 | 15,816 | 88,950 | 89,000 | 18,038 | 13,831 | 18,439 | 16,566 | 91,950 | 92,000 | 18,824 | 14,581 | 19,279 | 17,316 | 86,000 | | | | | | 89,000 | | | | | | 92,000 | | | | | | 86,000 | 86,050 | 17,300 | 13,094 | 17,613 | 15,829 | 89,000 | 89,050 | 18,050 | 13,844 | 18,453 | 16,579 | 92,000 | 92,050 | 18,838 | 14,594 | 19,293 | 17,329 | 86,050 | 86,100 | 17,313 | 13,106 | 17,627 | 15,841 | 89,050 | 89,100 | 18,063 | 13,856 | 18,467 | 16,591 | 92,050 | 92,100 | 18,852 | 14,606 | 19,307 | 17,341 | 86,100 | 86,150 | 17,325 | 13,119 | 17,641 | 15,854 | 89,100 | 89,150 | 18,075 | 13,869 | 18,481 | 16,604 | 92,100 | 92,150 | 18,866 | 14,619 | 19,321 | 17,354 | 86,150 | 86,200 | 17,338 | 13,131 | 17,655 | 15,866 | 89,150 | 89,200 | 18,088 | 13,881 | 18,495 | 16,616 | 92,150 | 92,200 | 18,880 | 14,631 | 19,335 | 17,366 | 86,200 | 86,250 | 17,350 | 13,144 | 17,669 | 15,879 | 89,200 | 89,250 | 18,100 | 13,894 | 18,509 | 16,629 | 92,200 | 92,250 | 18,894 | 14,644 | 19,349 | 17,379 | 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 |
| 84,250 | 84,300 | 16,863 | 12,656 | 17,123 | 15,391 | 87,250 | 87,300 | 17,613 | 13,406 | 17,963 | 16,141 | 90,250 | 90,300 | 18,363 | 14,156 | 18,803 | 16,891 | 84,300 | 84,350 | 16,875 | 12,669 | 17,137 | 15,404 | 87,300 | 87,350 | 17,625 | 13,419 | 17,977 | 16,154 | 90,300 | 90,350 | 18,375 | 14,169 | 18,817 | 16,904 | 84,350 | 84,400 | 16,888 | 12,681 | 17,151 | 15,416 | 87,350 | 87,400 | 17,638 | 13,431 | 17,991 | 16,166 | 90,350 | 90,400 | 18,388 | 14,181 | 18,831 | 16,916 | 84,400 | 84,450 | 16,900 | 12,694 | 17,165 | 15,429 | 87,400 | 87,450 | 17,650 | 13,444 | 18,005 | 16,179 | 90,400 | 90,450 | 18,400 | 14,194 | 18,845 | 16,929 | 84,450 | 84,500 | 16,913 | 12,706 | 17,179 | 15,441 | 87,450 | 87,500 | 17,663 | 13,456 | 18,019 | 16,191 | 90,450 | 90,500 | 18,413 | 14,206 | 18,859 | 16,941 | 84,500 | 84,550 | 16,925 | 12,719 | 17,193 | 15,454 | 87,500 | 87,550 | 17,675 | 13,469 | 18,033 | 16,204 | 90,500 | 90,550 | 18,425 | 14,219 | 18,873 | 16,954 | 84,550 | 84,600 | 16,938 | 12,731 | 17,207 | 15,466 | 87,550 | 87,600 | 17,688 | 13,481 | 18,047 | 16,216 | 90,550 | 90,600 | 18,438 | 14,231 | 18,887 | 16,966 | 84,600 | 84,650 | 16,950 | 12,744 | 17,221 | 15,479 | 87,600 | 87,650 | 17,700 | 13,494 | 18,061 | 16,229 | 90,600 | 90,650 | 18,450 | 14,244 | 18,901 | 16,979 | 84,650 | 84,700 | 16,963 | 12,756 | 17,235 | 15,491 | 87,650 | 87,700 | 17,713 | 13,506 | 18,075 | 16,241 | 90,650 | 90,700 | 18,463 | 14,256 | 18,915 | 16,991 | 84,700 | 84,750 | 16,975 | 12,769 | 17,249 | 15,504 | 87,700 | 87,750 | 17,725 | 13,519 | 18,089 | 16,254 | 90,700 | 90,750 | 18,475 | 14,269 | 18,929 | 17,004 | 84,750 | 84,800 | 16,988 | 12,781 | 17,263 | 15,516 | 87,750 | 87,800 | 17,738 | 13,531 | 18,103 | 16,266 | 90,750 | 90,800 | 18,488 | 14,281 | 18,943 | 17,016 | 84,800 | 84,850 | 17,000 | 12,794 | 17,277 | 15,529 | 87,800 | 87,850 | 17,750 | 13,544 | 18,117 | 16,279 | 90,800 | 90,850 | 18,502 | 14,294 | 18,957 | 17,029 | 84,850 | 84,900 | 17,013 | 12,806 | 17,291 | 15,541 | 87,850 | 87,900 | 17,763 | 13,556 | 18,131 | 16,291 | 90,850 | 90,900 | 18,516 | 14,306 | 18,971 | 17,041 | 84,900 | 84,950 | 17,025 | 12,819 | 17,305 | 15,554 | 87,900 | 87,950 | 17,775 | 13,569 | 18,145 | 16,304 | 90,900 | 90,950 | 18,530 | 14,319 | 18,985 | 17,054 | 84,950 | 85,000 | 17,038 | 12,831 | 17,319 | 15,566 | 87,950 | 88,000 | 17,788 | 13,581 | 18,159 | 16,316 | 90,950 | 91,000 | 18,544 | 14,331 | 18,999 | 17,066 | 85,000 | | | | | | 88,000 | | | | | | 91,000 | | | | | | 85,000 | 85,050 | 17,050 | 12,844 | 17,333 | 15,579 | 88,000 | 88,050 | 17,800 | 13,594 | 18,173 | 16,329 | 91,000 | 91,050 | 18,558 | 14,344 | 19,013 | 17,079 | 85,050 | 85,100 | 17,063 | 12,856 | 17,347 | 15,591 | 88,050 | 88,100 | 17,813 | 13,606 | 18,187 | 16,341 | 91,050 | 91,100 | 18,572 | 14,356 | 19,027 | 17,091 | 85,100 | 85,150 | 17,075 | 12,869 | 17,361 | 15,604 | 88,100 | 88,150 | 17,825 | 13,619 | 18,201 | 16,354 | 91,100 | 91,150 | 18,586 | 14,369 | 19,041 | 17,104 | 85,150 | 85,200 | 17,088 | 12,881 | 17,375 | 15,616 | 88,150 | 88,200 | 17,838 | 13,631 | 18,215 | 16,366 | 91,150 | 91,200 | 18,600 | 14,381 | 19,055 | 17,116 | 85,200 | 85,250 | 17,100 | 12,894 | 17,389 | 15,629 | 88,200 | 88,250 | 17,850 | 13,644 | 18,229 | 16,379 | 91,200 | 91,250 | 18,614 | 14,394 | 19,069 | 17,129 | 85,250 | 85,300 | 17,113 | 12,906 | 17,403 | 15,641 | 88,250 | 88,300 | 17,863 | 13,656 | 18,243 | 16,391 | 91,250 | 91,300 | 18,628 | 14,406 | 19,083 | 17,141 | 85,300 | 85,350 | 17,125 | 12,919 | 17,417 | 15,654 | 88,300 | 88,350 | 17,875 | 13,669 | 18,257 | 16,404 | 91,300 | 91,350 | 18,642 | 14,419 | 19,097 | 17,154 | 85,350 | 85,400 | 17,138 | 12,931 | 17,431 | 15,666 | 88,350 | 88,400 | 17,888 | 13,681 | 18,271 | 16,416 | 91,350 | 91,400 | 18,656 | 14,431 | 19,111 | 17,166 | 85,400 | 85,450 | 17,150 | 12,944 | 17,445 | 15,679 | 88,400 | 88,450 | 17,900 | 13,694 | 18,285 | 16,429 | 91,400 | 91,450 | 18,670 | 14,444 | 19,125 | 17,179 | 85,450 | 85,500 | 17,163 | 12,956 | 17,459 | 15,691 | 88,450 | 88,500 | 17,913 | 13,706 | 18,299 | 16,441 | 91,450 | 91,500 | 18,684 | 14,456 | 19,139 | 17,191 | 85,500 | 85,550 | 17,175 | 12,969 | 17,473 | 15,704 | 88,500 | 88,550 | 17,925 | 13,719 | 18,313 | 16,454 | 91,500 | 91,550 | 18,698 | 14,469 | 19,153 | 17,204 | 85,550 | 85,600 | 17,188 | 12,981 | 17,487 | 15,716 | 88,550 | 88,600 | 17,938 | 13,731 | 18,327 | 16,466 | 91,550 | 91,600 | 18,712 | 14,481 | 19,167 | 17,216 | 85,600 | 85,650 | 17,200 | 12,994 | 17,501 | 15,729 | 88,600 | 88,650 | 17,950 | 13,744 | 18,341 | 16,479 | 91,600 | 91,650 | 18,726 | 14,494 | 19,181 | 17,229 | 85,650 | 85,700 | 17,213 | 13,006 | 17,515 | 15,741 | 88,650 | 88,700 | 17,963 | 13,756 | 18,355 | 16,491 | 91,650 | 91,700 | 18,740 | 14,506 | 19,195 | 17,241 | 85,700 | 85,750 | 17,225 | 13,019 | 17,529 | 15,754 | 88,700 | 88,750 | 17,975 | 13,769 | 18,369 | 16,504 | 91,700 | 91,750 | 18,754 | 14,519 | 19,209 | 17,254 | 85,750 | 85,800 | 17,238 | 13,031 | 17,543 | 15,766 | 88,750 | 88,800 | 17,988 | 13,781 | 18,383 | 16,516 | 91,750 | 91,800 | 18,768 | 14,531 | 19,223 | 17,266 | 85,800 | 85,850 | 17,250 | 13,044 | 17,557 | 15,779 | 88,800 | 88,850 | 18,000 | 13,794 | 18,397 | 16,529 | 91,800 | 91,850 | 18,782 | 14,544 | 19,237 | 17,279 | 85,850 | 85,900 | 17,263 | 13,056 | 17,571 | 15,791 | 88,850 | 88,900 | 18,013 | 13,806 | 18,411 | 16,541 | 91,850 | 91,900 | 18,796 | 14,556 | 19,251 | 17,291 | 85,900 | 85,950 | 17,275 | 13,069 | 17,585 | 15,804 | 88,900 | 88,950 | 18,025 | 13,819 | 18,425 | 16,554 | 91,900 | 91,950 | 18,810 | 14,569 | 19,265 | 17,304 | 85,950 | 86,000 | 17,288 | 13,081 | 17,599 | 15,816 | 88,950 | 89,000 | 18,038 | 13,831 | 18,439 | 16,566 | 91,950 | 92,000 | 18,824 | 14,581 | 19,279 | 17,316 | 86,000 | | | | | | 89,000 | | | | | | 92,000 | | | | | | 86,000 | 86,050 | 17,300 | 13,094 | 17,613 | 15,829 | 89,000 | 89,050 | 18,050 | 13,844 | 18,453 | 16,579 | 92,000 | 92,050 | 18,838 | 14,594 | 19,293 | 17,329 | 86,050 | 86,100 | 17,313 | 13,106 | 17,627 | 15,841 | 89,050 | 89,100 | 18,063 | 13,856 | 18,467 | 16,591 | 92,050 | 92,100 | 18,852 | 14,606 | 19,307 | 17,341 | 86,100 | 86,150 | 17,325 | 13,119 | 17,641 | 15,854 | 89,100 | 89,150 | 18,075 | 13,869 | 18,481 | 16,604 | 92,100 | 92,150 | 18,866 | 14,619 | 19,321 | 17,354 | 86,150 | 86,200 | 17,338 | 13,131 | 17,655 | 15,866 | 89,150 | 89,200 | 18,088 | 13,881 | 18,495 | 16,616 | 92,150 | 92,200 | 18,880 | 14,631 | 19,335 | 17,366 | 86,200 | 86,250 | 17,350 | 13,144 | 17,669 | 15,879 | 89,200 | 89,250 | 18,100 | 13,894 | 18,509 | 16,629 | 92,200 | 92,250 | 18,894 | 14,644 | 19,349 | 17,379 | 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84,500 | 84,550 | 16,925 | 12,719 | 17,193 | 15,454 | 87,500 | 87,550 | 17,675 | 13,469 | 18,033 | 16,204 | 90,500 | 90,550 | 18,425 | 14,219 | 18,873 | 16,954 | 84,550 | 84,600 | 16,938 | 12,731 | 17,207 | 15,466 | 87,550 | 87,600 | 17,688 | 13,481 | 18,047 | 16,216 | 90,550 | 90,600 | 18,438 | 14,231 | 18,887 | 16,966 | 84,600 | 84,650 | 16,950 | 12,744 | 17,221 | 15,479 | 87,600 | 87,650 | 17,700 | 13,494 | 18,061 | 16,229 | 90,600 | 90,650 | 18,450 | 14,244 | 18,901 | 16,979 | 84,650 | 84,700 | 16,963 | 12,756 | 17,235 | 15,491 | 87,650 | 87,700 | 17,713 | 13,506 | 18,075 | 16,241 | 90,650 | 90,700 | 18,463 | 14,256 | 18,915 | 16,991 | 84,700 | 84,750 | 16,975 | 12,769 | 17,249 | 15,504 | 87,700 | 87,750 | 17,725 | 13,519 | 18,089 | 16,254 | 90,700 | 90,750 | 18,475 | 14,269 | 18,929 | 17,004 | 84,750 | 84,800 | 16,988 | 12,781 | 17,263 | 15,516 | 87,750 | 87,800 | 17,738 | 13,531 | 18,103 | 16,266 | 90,750 | 90,800 | 18,488 | 14,281 | 18,943 | 17,016 | 84,800 | 84,850 | 17,000 | 12,794 | 17,277 | 15,529 | 87,800 | 87,850 | 17,750 | 13,544 | 18,117 | 16,279 | 90,800 | 90,850 | 18,502 | 14,294 | 18,957 | 17,029 | 84,850 | 84,900 | 17,013 | 12,806 | 17,291 | 15,541 | 87,850 | 87,900 | 17,763 | 13,556 | 18,131 | 16,291 | 90,850 | 90,900 | 18,516 | 14,306 | 18,971 | 17,041 | 84,900 | 84,950 | 17,025 | 12,819 | 17,305 | 15,554 | 87,900 | 87,950 | 17,775 | 13,569 | 18,145 | 16,304 | 90,900 | 90,950 | 18,530 | 14,319 | 18,985 | 17,054 | 84,950 | 85,000 | 17,038 | 12,831 | 17,319 | 15,566 | 87,950 | 88,000 | 17,788 | 13,581 | 18,159 | 16,316 | 90,950 | 91,000 | 18,544 | 14,331 | 18,999 | 17,066 | 85,000 | | | | | | 88,000 | | | | | | 91,000 | | | | | | 85,000 | 85,050 | 17,050 | 12,844 | 17,333 | 15,579 | 88,000 | 88,050 | 17,800 | 13,594 | 18,173 | 16,329 | 91,000 | 91,050 | 18,558 | 14,344 | 19,013 | 17,079 | 85,050 | 85,100 | 17,063 | 12,856 | 17,347 | 15,591 | 88,050 | 88,100 | 17,813 | 13,606 | 18,187 | 16,341 | 91,050 | 91,100 | 18,572 | 14,356 | 19,027 | 17,091 | 85,100 | 85,150 | 17,075 | 12,869 | 17,361 | 15,604 | 88,100 | 88,150 | 17,825 | 13,619 | 18,201 | 16,354 | 91,100 | 91,150 | 18,586 | 14,369 | 19,041 | 17,104 | 85,150 | 85,200 | 17,088 | 12,881 | 17,375 | 15,616 | 88,150 | 88,200 | 17,838 | 13,631 | 18,215 | 16,366 | 91,150 | 91,200 | 18,600 | 14,381 | 19,055 | 17,116 | 85,200 | 85,250 | 17,100 | 12,894 | 17,389 | 15,629 | 88,200 | 88,250 | 17,850 | 13,644 | 18,229 | 16,379 | 91,200 | 91,250 | 18,614 | 14,394 | 19,069 | 17,129 | 85,250 | 85,300 | 17,113 | 12,906 | 17,403 | 15,641 | 88,250 | 88,300 | 17,863 | 13,656 | 18,243 | 16,391 | 91,250 | 91,300 | 18,628 | 14,406 | 19,083 | 17,141 | 85,300 | 85,350 | 17,125 | 12,919 | 17,417 | 15,654 | 88,300 | 88,350 | 17,875 | 13,669 | 18,257 | 16,404 | 91,300 | 91,350 | 18,642 | 14,419 | 19,097 | 17,154 | 85,350 | 85,400 | 17,138 | 12,931 | 17,431 | 15,666 | 88,350 | 88,400 | 17,888 | 13,681 | 18,271 | 16,416 | 91,350 | 91,400 | 18,656 | 14,431 | 19,111 | 17,166 | 85,400 | 85,450 | 17,150 | 12,944 | 17,445 | 15,679 | 88,400 | 88,450 | 17,900 | 13,694 | 18,285 | 16,429 | 91,400 | 91,450 | 18,670 | 14,444 | 19,125 | 17,179 | 85,450 | 85,500 | 17,163 | 12,956 | 17,459 | 15,691 | 88,450 | 88,500 | 17,913 | 13,706 | 18,299 | 16,441 | 91,450 | 91,500 | 18,684 | 14,456 | 19,139 | 17,191 | 85,500 | 85,550 | 17,175 | 12,969 | 17,473 | 15,704 | 88,500 | 88,550 | 17,925 | 13,719 | 18,313 | 16,454 | 91,500 | 91,550 | 18,698 | 14,469 | 19,153 | 17,204 | 85,550 | 85,600 | 17,188 | 12,981 | 17,487 | 15,716 | 88,550 | 88,600 | 17,938 | 13,731 | 18,327 | 16,466 | 91,550 | 91,600 | 18,712 | 14,481 | 19,167 | 17,216 | 85,600 | 85,650 | 17,200 | 12,994 | 17,501 | 15,729 | 88,600 | 88,650 | 17,950 | 13,744 | 18,341 | 16,479 | 91,600 | 91,650 | 18,726 | 14,494 | 19,181 | 17,229 | 85,650 | 85,700 | 17,213 | 13,006 | 17,515 | 15,741 | 88,650 | 88,700 | 17,963 | 13,756 | 18,355 | 16,491 | 91,650 | 91,700 | 18,740 | 14,506 | 19,195 | 17,241 | 85,700 | 85,750 | 17,225 | 13,019 | 17,529 | 15,754 | 88,700 | 88,750 | 17,975 | 13,769 | 18,369 | 16,504 | 91,700 | 91,750 | 18,754 | 14,519 | 19,209 | 17,254 | 85,750 | 85,800 | 17,238 | 13,031 | 17,543 | 15,766 | 88,750 | 88,800 | 17,988 | 13,781 | 18,383 | 16,516 | 91,750 | 91,800 | 18,768 | 14,531 | 19,223 | 17,266 | 85,800 | 85,850 | 17,250 | 13,044 | 17,557 | 15,779 | 88,800 | 88,850 | 18,000 | 13,794 | 18,397 | 16,529 | 91,800 | 91,850 | 18,782 | 14,544 | 19,237 | 17,279 | 85,850 | 85,900 | 17,263 | 13,056 | 17,571 | 15,791 | 88,850 | 88,900 | 18,013 | 13,806 | 18,411 | 16,541 | 91,850 | 91,900 | 18,796 | 14,556 | 19,251 | 17,291 | 85,900 | 85,950 | 17,275 | 13,069 | 17,585 | 15,804 | 88,900 | 88,950 | 18,025 | 13,819 | 18,425 | 16,554 | 91,900 | 91,950 | 18,810 | 14,569 | 19,265 | 17,304 | 85,950 | 86,000 | 17,288 | 13,081 | 17,599 | 15,816 | 88,950 | 89,000 | 18,038 | 13,831 | 18,439 | 16,566 | 91,950 | 92,000 | 18,824 | 14,581 | 19,279 | 17,316 | 86,000 | | | | | | 89,000 | | | | | | 92,000 | | | | | | 86,000 | 86,050 | 17,300 | 13,094 | 17,613 | 15,829 | 89,000 | 89,050 | 18,050 | 13,844 | 18,453 | 16,579 | 92,000 | 92,050 | 18,838 | 14,594 | 19,293 | 17,329 | 86,050 | 86,100 | 17,313 | 13,106 | 17,627 | 15,841 | 89,050 | 89,100 | 18,063 | 13,856 | 18,467 | 16,591 | 92,050 | 92,100 | 18,852 | 14,606 | 19,307 | 17,341 | 86,100 | 86,150 | 17,325 | 13,119 | 17,641 | 15,854 | 89,100 | 89,150 | 18,075 | 13,869 | 18,481 | 16,604 | 92,100 | 92,150 | 18,866 | 14,619 | 19,321 | 17,354 | 86,150 | 86,200 | 17,338 | 13,131 | 17,655 | 15,866 | 89,150 | 89,200 | 18,088 | 13,881 | 18,495 | 16,616 | 92,150 | 92,200 | 18,880 | 14,631 | 19,335 | 17,366 | 86,200 | 86,250 | 17,350 | 13,144 | 17,669 | 15,879 | 89,200 | 89,250 | 18,100 | 13,894 | 18,509 | 16,629 | 92,200 | 92,250 | 18,894 | 14,644 | 19,349 | 17,379 | 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84,750 | 84,800 | 16,988 | 12,781 | 17,263 | 15,516 | 87,750 | 87,800 | 17,738 | 13,531 | 18,103 | 16,266 | 90,750 | 90,800 | 18,488 | 14,281 | 18,943 | 17,016 | 84,800 | 84,850 | 17,000 | 12,794 | 17,277 | 15,529 | 87,800 | 87,850 | 17,750 | 13,544 | 18,117 | 16,279 | 90,800 | 90,850 | 18,502 | 14,294 | 18,957 | 17,029 | 84,850 | 84,900 | 17,013 | 12,806 | 17,291 | 15,541 | 87,850 | 87,900 | 17,763 | 13,556 | 18,131 | 16,291 | 90,850 | 90,900 | 18,516 | 14,306 | 18,971 | 17,041 | 84,900 | 84,950 | 17,025 | 12,819 | 17,305 | 15,554 | 87,900 | 87,950 | 17,775 | 13,569 | 18,145 | 16,304 | 90,900 | 90,950 | 18,530 | 14,319 | 18,985 | 17,054 | 84,950 | 85,000 | 17,038 | 12,831 | 17,319 | 15,566 | 87,950 | 88,000 | 17,788 | 13,581 | 18,159 | 16,316 | 90,950 | 91,000 | 18,544 | 14,331 | 18,999 | 17,066 | 85,000 | | | | | | 88,000 | | | | | | 91,000 | | | | | | 85,000 | 85,050 | 17,050 | 12,844 | 17,333 | 15,579 | 88,000 | 88,050 | 17,800 | 13,594 | 18,173 | 16,329 | 91,000 | 91,050 | 18,558 | 14,344 | 19,013 | 17,079 | 85,050 | 85,100 | 17,063 | 12,856 | 17,347 | 15,591 | 88,050 | 88,100 | 17,813 | 13,606 | 18,187 | 16,341 | 91,050 | 91,100 | 18,572 | 14,356 | 19,027 | 17,091 | 85,100 | 85,150 | 17,075 | 12,869 | 17,361 | 15,604 | 88,100 | 88,150 | 17,825 | 13,619 | 18,201 | 16,354 | 91,100 | 91,150 | 18,586 | 14,369 | 19,041 | 17,104 | 85,150 | 85,200 | 17,088 | 12,881 | 17,375 | 15,616 | 88,150 | 88,200 | 17,838 | 13,631 | 18,215 | 16,366 | 91,150 | 91,200 | 18,600 | 14,381 | 19,055 | 17,116 | 85,200 | 85,250 | 17,100 | 12,894 | 17,389 | 15,629 | 88,200 | 88,250 | 17,850 | 13,644 | 18,229 | 16,379 | 91,200 | 91,250 | 18,614 | 14,394 | 19,069 | 17,129 | 85,250 | 85,300 | 17,113 | 12,906 | 17,403 | 15,641 | 88,250 | 88,300 | 17,863 | 13,656 | 18,243 | 16,391 | 91,250 | 91,300 | 18,628 | 14,406 | 19,083 | 17,141 | 85,300 | 85,350 | 17,125 | 12,919 | 17,417 | 15,654 | 88,300 | 88,350 | 17,875 | 13,669 | 18,257 | 16,404 | 91,300 | 91,350 | 18,642 | 14,419 | 19,097 | 17,154 | 85,350 | 85,400 | 17,138 | 12,931 | 17,431 | 15,666 | 88,350 | 88,400 | 17,888 | 13,681 | 18,271 | 16,416 | 91,350 | 91,400 | 18,656 | 14,431 | 19,111 | 17,166 | 85,400 | 85,450 | 17,150 | 12,944 | 17,445 | 15,679 | 88,400 | 88,450 | 17,900 | 13,694 | 18,285 | 16,429 | 91,400 | 91,450 | 18,670 | 14,444 | 19,125 | 17,179 | 85,450 | 85,500 | 17,163 | 12,956 | 17,459 | 15,691 | 88,450 | 88,500 | 17,913 | 13,706 | 18,299 | 16,441 | 91,450 | 91,500 | 18,684 | 14,456 | 19,139 | 17,191 | 85,500 | 85,550 | 17,175 | 12,969 | 17,473 | 15,704 | 88,500 | 88,550 | 17,925 | 13,719 | 18,313 | 16,454 | 91,500 | 91,550 | 18,698 | 14,469 | 19,153 | 17,204 | 85,550 | 85,600 | 17,188 | 12,981 | 17,487 | 15,716 | 88,550 | 88,600 | 17,938 | 13,731 | 18,327 | 16,466 | 91,550 | 91,600 | 18,712 | 14,481 | 19,167 | 17,216 | 85,600 | 85,650 | 17,200 | 12,994 | 17,501 | 15,729 | 88,600 | 88,650 | 17,950 | 13,744 | 18,341 | 16,479 | 91,600 | 91,650 | 18,726 | 14,494 | 19,181 | 17,229 | 85,650 | 85,700 | 17,213 | 13,006 | 17,515 | 15,741 | 88,650 | 88,700 | 17,963 | 13,756 | 18,355 | 16,491 | 91,650 | 91,700 | 18,740 | 14,506 | 19,195 | 17,241 | 85,700 | 85,750 | 17,225 | 13,019 | 17,529 | 15,754 | 88,700 | 88,750 | 17,975 | 13,769 | 18,369 | 16,504 | 91,700 | 91,750 | 18,754 | 14,519 | 19,209 | 17,254 | 85,750 | 85,800 | 17,238 | 13,031 | 17,543 | 15,766 | 88,750 | 88,800 | 17,988 | 13,781 | 18,383 | 16,516 | 91,750 | 91,800 | 18,768 | 14,531 | 19,223 | 17,266 | 85,800 | 85,850 | 17,250 | 13,044 | 17,557 | 15,779 | 88,800 | 88,850 | 18,000 | 13,794 | 18,397 | 16,529 | 91,800 | 91,850 | 18,782 | 14,544 | 19,237 | 17,279 | 85,850 | 85,900 | 17,263 | 13,056 | 17,571 | 15,791 | 88,850 | 88,900 | 18,013 | 13,806 | 18,411 | 16,541 | 91,850 | 91,900 | 18,796 | 14,556 | 19,251 | 17,291 | 85,900 | 85,950 | 17,275 | 13,069 | 17,585 | 15,804 | 88,900 | 88,950 | 18,025 | 13,819 | 18,425 | 16,554 | 91,900 | 91,950 | 18,810 | 14,569 | 19,265 | 17,304 | 85,950 | 86,000 | 17,288 | 13,081 | 17,599 | 15,816 | 88,950 | 89,000 | 18,038 | 13,831 | 18,439 | 16,566 | 91,950 | 92,000 | 18,824 | 14,581 | 19,279 | 17,316 | 86,000 | | | | | | 89,000 | | | | | | 92,000 | | | | | | 86,000 | 86,050 | 17,300 | 13,094 | 17,613 | 15,829 | 89,000 | 89,050 | 18,050 | 13,844 | 18,453 | 16,579 | 92,000 | 92,050 | 18,838 | 14,594 | 19,293 | 17,329 | 86,050 | 86,100 | 17,313 | 13,106 | 17,627 | 15,841 | 89,050 | 89,100 | 18,063 | 13,856 | 18,467 | 16,591 | 92,050 | 92,100 | 18,852 | 14,606 | 19,307 | 17,341 | 86,100 | 86,150 | 17,325 | 13,119 | 17,641 | 15,854 | 89,100 | 89,150 | 18,075 | 13,869 | 18,481 | 16,604 | 92,100 | 92,150 | 18,866 | 14,619 | 19,321 | 17,354 | 86,150 | 86,200 | 17,338 | 13,131 | 17,655 | 15,866 | 89,150 | 89,200 | 18,088 | 13,881 | 18,495 | 16,616 | 92,150 | 92,200 | 18,880 | 14,631 | 19,335 | 17,366 | 86,200 | 86,250 | 17,350 | 13,144 | 17,669 | 15,879 | 89,200 | 89,250 | 18,100 | 13,894 | 18,509 | 16,629 | 92,200 | 92,250 | 18,894 | 14,644 | 19,349 | 17,379 | 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85,000 | | | | | | 88,000 | | | | | | 91,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85,000 | 85,050 | 17,050 | 12,844 | 17,333 | 15,579 | 88,000 | 88,050 | 17,800 | 13,594 | 18,173 | 16,329 | 91,000 | 91,050 | 18,558 | 14,344 | 19,013 | 17,079 | 85,050 | 85,100 | 17,063 | 12,856 | 17,347 | 15,591 | 88,050 | 88,100 | 17,813 | 13,606 | 18,187 | 16,341 | 91,050 | 91,100 | 18,572 | 14,356 | 19,027 | 17,091 | 85,100 | 85,150 | 17,075 | 12,869 | 17,361 | 15,604 | 88,100 | 88,150 | 17,825 | 13,619 | 18,201 | 16,354 | 91,100 | 91,150 | 18,586 | 14,369 | 19,041 | 17,104 | 85,150 | 85,200 | 17,088 | 12,881 | 17,375 | 15,616 | 88,150 | 88,200 | 17,838 | 13,631 | 18,215 | 16,366 | 91,150 | 91,200 | 18,600 | 14,381 | 19,055 | 17,116 | 85,200 | 85,250 | 17,100 | 12,894 | 17,389 | 15,629 | 88,200 | 88,250 | 17,850 | 13,644 | 18,229 | 16,379 | 91,200 | 91,250 | 18,614 | 14,394 | 19,069 | 17,129 | 85,250 | 85,300 | 17,113 | 12,906 | 17,403 | 15,641 | 88,250 | 88,300 | 17,863 | 13,656 | 18,243 | 16,391 | 91,250 | 91,300 | 18,628 | 14,406 | 19,083 | 17,141 | 85,300 | 85,350 | 17,125 | 12,919 | 17,417 | 15,654 | 88,300 | 88,350 | 17,875 | 13,669 | 18,257 | 16,404 | 91,300 | 91,350 | 18,642 | 14,419 | 19,097 | 17,154 | 85,350 | 85,400 | 17,138 | 12,931 | 17,431 | 15,666 | 88,350 | 88,400 | 17,888 | 13,681 | 18,271 | 16,416 | 91,350 | 91,400 | 18,656 | 14,431 | 19,111 | 17,166 | 85,400 | 85,450 | 17,150 | 12,944 | 17,445 | 15,679 | 88,400 | 88,450 | 17,900 | 13,694 | 18,285 | 16,429 | 91,400 | 91,450 | 18,670 | 14,444 | 19,125 | 17,179 | 85,450 | 85,500 | 17,163 | 12,956 | 17,459 | 15,691 | 88,450 | 88,500 | 17,913 | 13,706 | 18,299 | 16,441 | 91,450 | 91,500 | 18,684 | 14,456 | 19,139 | 17,191 | 85,500 | 85,550 | 17,175 | 12,969 | 17,473 | 15,704 | 88,500 | 88,550 | 17,925 | 13,719 | 18,313 | 16,454 | 91,500 | 91,550 | 18,698 | 14,469 | 19,153 | 17,204 | 85,550 | 85,600 | 17,188 | 12,981 | 17,487 | 15,716 | 88,550 | 88,600 | 17,938 | 13,731 | 18,327 | 16,466 | 91,550 | 91,600 | 18,712 | 14,481 | 19,167 | 17,216 | 85,600 | 85,650 | 17,200 | 12,994 | 17,501 | 15,729 | 88,600 | 88,650 | 17,950 | 13,744 | 18,341 | 16,479 | 91,600 | 91,650 | 18,726 | 14,494 | 19,181 | 17,229 | 85,650 | 85,700 | 17,213 | 13,006 | 17,515 | 15,741 | 88,650 | 88,700 | 17,963 | 13,756 | 18,355 | 16,491 | 91,650 | 91,700 | 18,740 | 14,506 | 19,195 | 17,241 | 85,700 | 85,750 | 17,225 | 13,019 | 17,529 | 15,754 | 88,700 | 88,750 | 17,975 | 13,769 | 18,369 | 16,504 | 91,700 | 91,750 | 18,754 | 14,519 | 19,209 | 17,254 | 85,750 | 85,800 | 17,238 | 13,031 | 17,543 | 15,766 | 88,750 | 88,800 | 17,988 | 13,781 | 18,383 | 16,516 | 91,750 | 91,800 | 18,768 | 14,531 | 19,223 | 17,266 | 85,800 | 85,850 | 17,250 | 13,044 | 17,557 | 15,779 | 88,800 | 88,850 | 18,000 | 13,794 | 18,397 | 16,529 | 91,800 | 91,850 | 18,782 | 14,544 | 19,237 | 17,279 | 85,850 | 85,900 | 17,263 | 13,056 | 17,571 | 15,791 | 88,850 | 88,900 | 18,013 | 13,806 | 18,411 | 16,541 | 91,850 | 91,900 | 18,796 | 14,556 | 19,251 | 17,291 | 85,900 | 85,950 | 17,275 | 13,069 | 17,585 | 15,804 | 88,900 | 88,950 | 18,025 | 13,819 | 18,425 | 16,554 | 91,900 | 91,950 | 18,810 | 14,569 | 19,265 | 17,304 | 85,950 | 86,000 | 17,288 | 13,081 | 17,599 | 15,816 | 88,950 | 89,000 | 18,038 | 13,831 | 18,439 | 16,566 | 91,950 | 92,000 | 18,824 | 14,581 | 19,279 | 17,316 | 86,000 | | | | | | 89,000 | | | | | | 92,000 | | | | | | 86,000 | 86,050 | 17,300 | 13,094 | 17,613 | 15,829 | 89,000 | 89,050 | 18,050 | 13,844 | 18,453 | 16,579 | 92,000 | 92,050 | 18,838 | 14,594 | 19,293 | 17,329 | 86,050 | 86,100 | 17,313 | 13,106 | 17,627 | 15,841 | 89,050 | 89,100 | 18,063 | 13,856 | 18,467 | 16,591 | 92,050 | 92,100 | 18,852 | 14,606 | 19,307 | 17,341 | 86,100 | 86,150 | 17,325 | 13,119 | 17,641 | 15,854 | 89,100 | 89,150 | 18,075 | 13,869 | 18,481 | 16,604 | 92,100 | 92,150 | 18,866 | 14,619 | 19,321 | 17,354 | 86,150 | 86,200 | 17,338 | 13,131 | 17,655 | 15,866 | 89,150 | 89,200 | 18,088 | 13,881 | 18,495 | 16,616 | 92,150 | 92,200 | 18,880 | 14,631 | 19,335 | 17,366 | 86,200 | 86,250 | 17,350 | 13,144 | 17,669 | 15,879 | 89,200 | 89,250 | 18,100 | 13,894 | 18,509 | 16,629 | 92,200 | 92,250 | 18,894 | 14,644 | 19,349 | 17,379 | 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85,250 | 85,300 | 17,113 | 12,906 | 17,403 | 15,641 | 88,250 | 88,300 | 17,863 | 13,656 | 18,243 | 16,391 | 91,250 | 91,300 | 18,628 | 14,406 | 19,083 | 17,141 | 85,300 | 85,350 | 17,125 | 12,919 | 17,417 | 15,654 | 88,300 | 88,350 | 17,875 | 13,669 | 18,257 | 16,404 | 91,300 | 91,350 | 18,642 | 14,419 | 19,097 | 17,154 | 85,350 | 85,400 | 17,138 | 12,931 | 17,431 | 15,666 | 88,350 | 88,400 | 17,888 | 13,681 | 18,271 | 16,416 | 91,350 | 91,400 | 18,656 | 14,431 | 19,111 | 17,166 | 85,400 | 85,450 | 17,150 | 12,944 | 17,445 | 15,679 | 88,400 | 88,450 | 17,900 | 13,694 | 18,285 | 16,429 | 91,400 | 91,450 | 18,670 | 14,444 | 19,125 | 17,179 | 85,450 | 85,500 | 17,163 | 12,956 | 17,459 | 15,691 | 88,450 | 88,500 | 17,913 | 13,706 | 18,299 | 16,441 | 91,450 | 91,500 | 18,684 | 14,456 | 19,139 | 17,191 | 85,500 | 85,550 | 17,175 | 12,969 | 17,473 | 15,704 | 88,500 | 88,550 | 17,925 | 13,719 | 18,313 | 16,454 | 91,500 | 91,550 | 18,698 | 14,469 | 19,153 | 17,204 | 85,550 | 85,600 | 17,188 | 12,981 | 17,487 | 15,716 | 88,550 | 88,600 | 17,938 | 13,731 | 18,327 | 16,466 | 91,550 | 91,600 | 18,712 | 14,481 | 19,167 | 17,216 | 85,600 | 85,650 | 17,200 | 12,994 | 17,501 | 15,729 | 88,600 | 88,650 | 17,950 | 13,744 | 18,341 | 16,479 | 91,600 | 91,650 | 18,726 | 14,494 | 19,181 | 17,229 | 85,650 | 85,700 | 17,213 | 13,006 | 17,515 | 15,741 | 88,650 | 88,700 | 17,963 | 13,756 | 18,355 | 16,491 | 91,650 | 91,700 | 18,740 | 14,506 | 19,195 | 17,241 | 85,700 | 85,750 | 17,225 | 13,019 | 17,529 | 15,754 | 88,700 | 88,750 | 17,975 | 13,769 | 18,369 | 16,504 | 91,700 | 91,750 | 18,754 | 14,519 | 19,209 | 17,254 | 85,750 | 85,800 | 17,238 | 13,031 | 17,543 | 15,766 | 88,750 | 88,800 | 17,988 | 13,781 | 18,383 | 16,516 | 91,750 | 91,800 | 18,768 | 14,531 | 19,223 | 17,266 | 85,800 | 85,850 | 17,250 | 13,044 | 17,557 | 15,779 | 88,800 | 88,850 | 18,000 | 13,794 | 18,397 | 16,529 | 91,800 | 91,850 | 18,782 | 14,544 | 19,237 | 17,279 | 85,850 | 85,900 | 17,263 | 13,056 | 17,571 | 15,791 | 88,850 | 88,900 | 18,013 | 13,806 | 18,411 | 16,541 | 91,850 | 91,900 | 18,796 | 14,556 | 19,251 | 17,291 | 85,900 | 85,950 | 17,275 | 13,069 | 17,585 | 15,804 | 88,900 | 88,950 | 18,025 | 13,819 | 18,425 | 16,554 | 91,900 | 91,950 | 18,810 | 14,569 | 19,265 | 17,304 | 85,950 | 86,000 | 17,288 | 13,081 | 17,599 | 15,816 | 88,950 | 89,000 | 18,038 | 13,831 | 18,439 | 16,566 | 91,950 | 92,000 | 18,824 | 14,581 | 19,279 | 17,316 | 86,000 | | | | | | 89,000 | | | | | | 92,000 | | | | | | 86,000 | 86,050 | 17,300 | 13,094 | 17,613 | 15,829 | 89,000 | 89,050 | 18,050 | 13,844 | 18,453 | 16,579 | 92,000 | 92,050 | 18,838 | 14,594 | 19,293 | 17,329 | 86,050 | 86,100 | 17,313 | 13,106 | 17,627 | 15,841 | 89,050 | 89,100 | 18,063 | 13,856 | 18,467 | 16,591 | 92,050 | 92,100 | 18,852 | 14,606 | 19,307 | 17,341 | 86,100 | 86,150 | 17,325 | 13,119 | 17,641 | 15,854 | 89,100 | 89,150 | 18,075 | 13,869 | 18,481 | 16,604 | 92,100 | 92,150 | 18,866 | 14,619 | 19,321 | 17,354 | 86,150 | 86,200 | 17,338 | 13,131 | 17,655 | 15,866 | 89,150 | 89,200 | 18,088 | 13,881 | 18,495 | 16,616 | 92,150 | 92,200 | 18,880 | 14,631 | 19,335 | 17,366 | 86,200 | 86,250 | 17,350 | 13,144 | 17,669 | 15,879 | 89,200 | 89,250 | 18,100 | 13,894 | 18,509 | 16,629 | 92,200 | 92,250 | 18,894 | 14,644 | 19,349 | 17,379 | 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85,500 | 85,550 | 17,175 | 12,969 | 17,473 | 15,704 | 88,500 | 88,550 | 17,925 | 13,719 | 18,313 | 16,454 | 91,500 | 91,550 | 18,698 | 14,469 | 19,153 | 17,204 | 85,550 | 85,600 | 17,188 | 12,981 | 17,487 | 15,716 | 88,550 | 88,600 | 17,938 | 13,731 | 18,327 | 16,466 | 91,550 | 91,600 | 18,712 | 14,481 | 19,167 | 17,216 | 85,600 | 85,650 | 17,200 | 12,994 | 17,501 | 15,729 | 88,600 | 88,650 | 17,950 | 13,744 | 18,341 | 16,479 | 91,600 | 91,650 | 18,726 | 14,494 | 19,181 | 17,229 | 85,650 | 85,700 | 17,213 | 13,006 | 17,515 | 15,741 | 88,650 | 88,700 | 17,963 | 13,756 | 18,355 | 16,491 | 91,650 | 91,700 | 18,740 | 14,506 | 19,195 | 17,241 | 85,700 | 85,750 | 17,225 | 13,019 | 17,529 | 15,754 | 88,700 | 88,750 | 17,975 | 13,769 | 18,369 | 16,504 | 91,700 | 91,750 | 18,754 | 14,519 | 19,209 | 17,254 | 85,750 | 85,800 | 17,238 | 13,031 | 17,543 | 15,766 | 88,750 | 88,800 | 17,988 | 13,781 | 18,383 | 16,516 | 91,750 | 91,800 | 18,768 | 14,531 | 19,223 | 17,266 | 85,800 | 85,850 | 17,250 | 13,044 | 17,557 | 15,779 | 88,800 | 88,850 | 18,000 | 13,794 | 18,397 | 16,529 | 91,800 | 91,850 | 18,782 | 14,544 | 19,237 | 17,279 | 85,850 | 85,900 | 17,263 | 13,056 | 17,571 | 15,791 | 88,850 | 88,900 | 18,013 | 13,806 | 18,411 | 16,541 | 91,850 | 91,900 | 18,796 | 14,556 | 19,251 | 17,291 | 85,900 | 85,950 | 17,275 | 13,069 | 17,585 | 15,804 | 88,900 | 88,950 | 18,025 | 13,819 | 18,425 | 16,554 | 91,900 | 91,950 | 18,810 | 14,569 | 19,265 | 17,304 | 85,950 | 86,000 | 17,288 | 13,081 | 17,599 | 15,816 | 88,950 | 89,000 | 18,038 | 13,831 | 18,439 | 16,566 | 91,950 | 92,000 | 18,824 | 14,581 | 19,279 | 17,316 | 86,000 | | | | | | 89,000 | | | | | | 92,000 | | | | | | 86,000 | 86,050 | 17,300 | 13,094 | 17,613 | 15,829 | 89,000 | 89,050 | 18,050 | 13,844 | 18,453 | 16,579 | 92,000 | 92,050 | 18,838 | 14,594 | 19,293 | 17,329 | 86,050 | 86,100 | 17,313 | 13,106 | 17,627 | 15,841 | 89,050 | 89,100 | 18,063 | 13,856 | 18,467 | 16,591 | 92,050 | 92,100 | 18,852 | 14,606 | 19,307 | 17,341 | 86,100 | 86,150 | 17,325 | 13,119 | 17,641 | 15,854 | 89,100 | 89,150 | 18,075 | 13,869 | 18,481 | 16,604 | 92,100 | 92,150 | 18,866 | 14,619 | 19,321 | 17,354 | 86,150 | 86,200 | 17,338 | 13,131 | 17,655 | 15,866 | 89,150 | 89,200 | 18,088 | 13,881 | 18,495 | 16,616 | 92,150 | 92,200 | 18,880 | 14,631 | 19,335 | 17,366 | 86,200 | 86,250 | 17,350 | 13,144 | 17,669 | 15,879 | 89,200 | 89,250 | 18,100 | 13,894 | 18,509 | 16,629 | 92,200 | 92,250 | 18,894 | 14,644 | 19,349 | 17,379 | 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85,750 | 85,800 | 17,238 | 13,031 | 17,543 | 15,766 | 88,750 | 88,800 | 17,988 | 13,781 | 18,383 | 16,516 | 91,750 | 91,800 | 18,768 | 14,531 | 19,223 | 17,266 | 85,800 | 85,850 | 17,250 | 13,044 | 17,557 | 15,779 | 88,800 | 88,850 | 18,000 | 13,794 | 18,397 | 16,529 | 91,800 | 91,850 | 18,782 | 14,544 | 19,237 | 17,279 | 85,850 | 85,900 | 17,263 | 13,056 | 17,571 | 15,791 | 88,850 | 88,900 | 18,013 | 13,806 | 18,411 | 16,541 | 91,850 | 91,900 | 18,796 | 14,556 | 19,251 | 17,291 | 85,900 | 85,950 | 17,275 | 13,069 | 17,585 | 15,804 | 88,900 | 88,950 | 18,025 | 13,819 | 18,425 | 16,554 | 91,900 | 91,950 | 18,810 | 14,569 | 19,265 | 17,304 | 85,950 | 86,000 | 17,288 | 13,081 | 17,599 | 15,816 | 88,950 | 89,000 | 18,038 | 13,831 | 18,439 | 16,566 | 91,950 | 92,000 | 18,824 | 14,581 | 19,279 | 17,316 | 86,000 | | | | | | 89,000 | | | | | | 92,000 | | | | | | 86,000 | 86,050 | 17,300 | 13,094 | 17,613 | 15,829 | 89,000 | 89,050 | 18,050 | 13,844 | 18,453 | 16,579 | 92,000 | 92,050 | 18,838 | 14,594 | 19,293 | 17,329 | 86,050 | 86,100 | 17,313 | 13,106 | 17,627 | 15,841 | 89,050 | 89,100 | 18,063 | 13,856 | 18,467 | 16,591 | 92,050 | 92,100 | 18,852 | 14,606 | 19,307 | 17,341 | 86,100 | 86,150 | 17,325 | 13,119 | 17,641 | 15,854 | 89,100 | 89,150 | 18,075 | 13,869 | 18,481 | 16,604 | 92,100 | 92,150 | 18,866 | 14,619 | 19,321 | 17,354 | 86,150 | 86,200 | 17,338 | 13,131 | 17,655 | 15,866 | 89,150 | 89,200 | 18,088 | 13,881 | 18,495 | 16,616 | 92,150 | 92,200 | 18,880 | 14,631 | 19,335 | 17,366 | 86,200 | 86,250 | 17,350 | 13,144 | 17,669 | 15,879 | 89,200 | 89,250 | 18,100 | 13,894 | 18,509 | 16,629 | 92,200 | 92,250 | 18,894 | 14,644 | 19,349 | 17,379 | 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86,000 | | | | | | 89,000 | | | | | | 92,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86,000 | 86,050 | 17,300 | 13,094 | 17,613 | 15,829 | 89,000 | 89,050 | 18,050 | 13,844 | 18,453 | 16,579 | 92,000 | 92,050 | 18,838 | 14,594 | 19,293 | 17,329 | 86,050 | 86,100 | 17,313 | 13,106 | 17,627 | 15,841 | 89,050 | 89,100 | 18,063 | 13,856 | 18,467 | 16,591 | 92,050 | 92,100 | 18,852 | 14,606 | 19,307 | 17,341 | 86,100 | 86,150 | 17,325 | 13,119 | 17,641 | 15,854 | 89,100 | 89,150 | 18,075 | 13,869 | 18,481 | 16,604 | 92,100 | 92,150 | 18,866 | 14,619 | 19,321 | 17,354 | 86,150 | 86,200 | 17,338 | 13,131 | 17,655 | 15,866 | 89,150 | 89,200 | 18,088 | 13,881 | 18,495 | 16,616 | 92,150 | 92,200 | 18,880 | 14,631 | 19,335 | 17,366 | 86,200 | 86,250 | 17,350 | 13,144 | 17,669 | 15,879 | 89,200 | 89,250 | 18,100 | 13,894 | 18,509 | 16,629 | 92,200 | 92,250 | 18,894 | 14,644 | 19,349 | 17,379 | 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86,250 | 86,300 | 17,363 | 13,156 | 17,683 | 15,891 | 89,250 | 89,300 | 18,113 | 13,906 | 18,523 | 16,641 | 92,250 | 92,300 | 18,908 | 14,656 | 19,363 | 17,391 | 86,300 | 86,350 | 17,375 | 13,169 | 17,697 | 15,904 | 89,300 | 89,350 | 18,125 | 13,919 | 18,537 | 16,654 | 92,300 | 92,350 | 18,922 | 14,669 | 19,377 | 17,404 | 86,350 | 86,400 | 17,388 | 13,181 | 17,711 | 15,916 | 89,350 | 89,400 | 18,138 | 13,931 | 18,551 | 16,666 | 92,350 | 92,400 | 18,936 | 14,681 | 19,391 | 17,416 | 86,400 | 86,450 | 17,400 | 13,194 | 17,725 | 15,929 | 89,400 | 89,450 | 18,150 | 13,944 | 18,565 | 16,679 | 92,400 | 92,450 | 18,950 | 14,694 | 19,405 | 17,429 | 86,450 | 86,500 | 17,413 | 13,206 | 17,739 | 15,941 | 89,450 | 89,500 | 18,163 | 13,956 | 18,579 | 16,691 | 92,450 | 92,500 | 18,964 | 14,706 | 19,419 | 17,441 | 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86,500 | 86,550 | 17,425 | 13,219 | 17,753 | 15,954 | 89,500 | 89,550 | 18,175 | 13,969 | 18,593 | 16,704 | 92,500 | 92,550 | 18,978 | 14,719 | 19,433 | 17,454 | 86,550 | 86,600 | 17,438 | 13,231 | 17,767 | 15,966 | 89,550 | 89,600 | 18,188 | 13,981 | 18,607 | 16,716 | 92,550 | 92,600 | 18,992 | 14,731 | 19,447 | 17,466 | 86,600 | 86,650 | 17,450 | 13,244 | 17,781 | 15,979 | 89,600 | 89,650 | 18,200 | 13,994 | 18,621 | 16,729 | 92,600 | 92,650 | 19,006 | 14,744 | 19,461 | 17,479 | 86,650 | 86,700 | 17,463 | 13,256 | 17,795 | 15,991 | 89,650 | 89,700 | 18,213 | 14,006 | 18,635 | 16,741 | 92,650 | 92,700 | 19,020 | 14,756 | 19,475 | 17,491 | 86,700 | 86,750 | 17,475 | 13,269 | 17,809 | 16,004 | 89,700 | 89,750 | 18,225 | 14,019 | 18,649 | 16,754 | 92,700 | 92,750 | 19,034 | 14,769 | 19,489 | 17,504 | 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86,750 | 86,800 | 17,488 | 13,281 | 17,823 | 16,016 | 89,750 | 89,800 | 18,238 | 14,031 | 18,663 | 16,766 | 92,750 | 92,800 | 19,048 | 14,781 | 19,503 | 17,516 | 86,800 | 86,850 | 17,500 | 13,294 | 17,837 | 16,029 | 89,800 | 89,850 | 18,250 | 14,044 | 18,677 | 16,779 | 92,800 | 92,850 | 19,062 | 14,794 | 19,517 | 17,529 | 86,850 | 86,900 | 17,513 | 13,306 | 17,851 | 16,041 | 89,850 | 89,900 | 18,263 | 14,056 | 18,691 | 16,791 | 92,850 | 92,900 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— | If line 43 (taxable income) is— | | And you are— | | | | Your tax is— |
|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|---------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---|--------------|---------------------------------|---------------|--------------|--------------------------|---------------------------|---------------------|--------------|
| At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | | At least | But less than | Single | Married filing jointly * | Married filing separately | Head of a household | |
| 93,000 | | | | | | 96,000 | | | | | | 99,000 | | | | | | | | |
| 93,000 | 93,050 | 19,118 | 14,844 | 19,573 | 17,579 | 96,000 | 96,050 | 19,958 | 15,594 | 20,413 | 18,329 | 99,000 | 99,050 | 20,798 | 16,344 | 21,253 | 19,079 | | | |
| 93,050 | 93,100 | 19,132 | 14,856 | 19,587 | 17,591 | 96,050 | 96,100 | 19,972 | 15,606 | 20,427 | 18,341 | 99,050 | 99,100 | 20,812 | 16,356 | 21,267 | 19,091 | | | |
| 93,100 | 93,150 | 19,146 | 14,869 | 19,601 | 17,604 | 96,100 | 96,150 | 19,986 | 15,619 | 20,441 | 18,354 | 99,100 | 99,150 | 20,826 | 16,369 | 21,281 | 19,104 | | | |
| 93,150 | 93,200 | 19,160 | 14,881 | 19,615 | 17,616 | 96,150 | 96,200 | 20,000 | 15,631 | 20,455 | 18,366 | 99,150 | 99,200 | 20,840 | 16,381 | 21,295 | 19,116 | | | |
| 93,200 | 93,250 | 19,174 | 14,894 | 19,629 | 17,629 | 96,200 | 96,250 | 20,014 | 15,644 | 20,469 | 18,379 | 99,200 | 99,250 | 20,854 | 16,394 | 21,309 | 19,129 | | | |
| 93,250 | 93,300 | 19,188 | 14,906 | 19,643 | 17,641 | 96,250 | 96,300 | 20,028 | 15,656 | 20,483 | 18,391 | 99,250 | 99,300 | 20,868 | 16,406 | 21,323 | 19,141 | | | |
| 93,300 | 93,350 | 19,202 | 14,919 | 19,657 | 17,654 | 96,300 | 96,350 | 20,042 | 15,669 | 20,497 | 18,404 | 99,300 | 99,350 | 20,882 | 16,419 | 21,337 | 19,154 | | | |
| 93,350 | 93,400 | 19,216 | 14,931 | 19,671 | 17,666 | 96,350 | 96,400 | 20,056 | 15,681 | 20,511 | 18,416 | 99,350 | 99,400 | 20,896 | 16,431 | 21,351 | 19,166 | | | |
| 93,400 | 93,450 | 19,230 | 14,944 | 19,685 | 17,679 | 96,400 | 96,450 | 20,070 | 15,694 | 20,525 | 18,429 | 99,400 | 99,450 | 20,910 | 16,444 | 21,365 | 19,179 | | | |
| 93,450 | 93,500 | 19,244 | 14,956 | 19,699 | 17,691 | 96,450 | 96,500 | 20,084 | 15,706 | 20,539 | 18,441 | 99,450 | 99,500 | 20,924 | 16,456 | 21,379 | 19,191 | | | |
| 93,500 | 93,550 | 19,258 | 14,969 | 19,713 | 17,704 | 96,500 | 96,550 | 20,098 | 15,719 | 20,553 | 18,454 | 99,500 | 99,550 | 20,938 | 16,469 | 21,393 | 19,204 | | | |
| 93,550 | 93,600 | 19,272 | 14,981 | 19,727 | 17,716 | 96,550 | 96,600 | 20,112 | 15,731 | 20,567 | 18,466 | 99,550 | 99,600 | 20,952 | 16,481 | 21,407 | 19,216 | | | |
| 93,600 | 93,650 | 19,286 | 14,994 | 19,741 | 17,729 | 96,600 | 96,650 | 20,126 | 15,744 | 20,581 | 18,479 | 99,600 | 99,650 | 20,966 | 16,494 | 21,421 | 19,229 | | | |
| 93,650 | 93,700 | 19,300 | 15,006 | 19,755 | 17,741 | 96,650 | 96,700 | 20,140 | 15,756 | 20,595 | 18,491 | 99,650 | 99,700 | 20,980 | 16,506 | 21,435 | 19,241 | | | |
| 93,700 | 93,750 | 19,314 | 15,019 | 19,769 | 17,754 | 96,700 | 96,750 | 20,154 | 15,769 | 20,609 | 18,504 | 99,700 | 99,750 | 20,994 | 16,519 | 21,449 | 19,254 | | | |
| 93,750 | 93,800 | 19,328 | 15,031 | 19,783 | 17,766 | 96,750 | 96,800 | 20,168 | 15,781 | 20,623 | 18,516 | 99,750 | 99,800 | 21,008 | 16,531 | 21,463 | 19,266 | | | |
| 93,800 | 93,850 | 19,342 | 15,044 | 19,797 | 17,779 | 96,800 | 96,850 | 20,182 | 15,794 | 20,637 | 18,529 | 99,800 | 99,850 | 21,022 | 16,544 | 21,477 | 19,279 | | | |
| 93,850 | 93,900 | 19,356 | 15,056 | 19,811 | 17,791 | 96,850 | 96,900 | 20,196 | 15,806 | 20,651 | 18,541 | 99,850 | 99,900 | 21,036 | 16,556 | 21,491 | 19,291 | | | |
| 93,900 | 93,950 | 19,370 | 15,069 | 19,825 | 17,804 | 96,900 | 96,950 | 20,210 | 15,819 | 20,665 | 18,554 | 99,900 | 99,950 | 21,050 | 16,569 | 21,505 | 19,304 | | | |
| 93,950 | 94,000 | 19,384 | 15,081 | 19,839 | 17,816 | 96,950 | 97,000 | 20,224 | 15,831 | 20,679 | 18,566 | 99,950 | 100,000 | 21,064 | 16,581 | 21,519 | 19,316 | | | |
| 94,000 | | | | | | 97,000 | | | | | | \$100,000 or over use the Tax Computation Worksheet | | | | | | | | |
| 94,000 | 94,050 | 19,398 | 15,094 | 19,853 | 17,829 | 97,000 | 97,050 | 20,238 | 15,844 | 20,693 | 18,579 | | | | | | | | | |
| 94,050 | 94,100 | 19,412 | 15,106 | 19,867 | 17,841 | 97,050 | 97,100 | 20,252 | 15,856 | 20,707 | 18,591 | | | | | | | | | |
| 94,100 | 94,150 | 19,426 | 15,119 | 19,881 | 17,854 | 97,100 | 97,150 | 20,266 | 15,869 | 20,721 | 18,604 | | | | | | | | | |
| 94,150 | 94,200 | 19,440 | 15,131 | 19,895 | 17,866 | 97,150 | 97,200 | 20,280 | 15,881 | 20,735 | 18,616 | | | | | | | | | |
| 94,200 | 94,250 | 19,454 | 15,144 | 19,909 | 17,879 | 97,200 | 97,250 | 20,294 | 15,894 | 20,749 | 18,629 | | | | | | | | | |
| 94,250 | 94,300 | 19,468 | 15,156 | 19,923 | 17,891 | 97,250 | 97,300 | 20,308 | 15,906 | 20,763 | 18,641 | | | | | | | | | |
| 94,300 | 94,350 | 19,482 | 15,169 | 19,937 | 17,904 | 97,300 | 97,350 | 20,322 | 15,919 | 20,777 | 18,654 | | | | | | | | | |
| 94,350 | 94,400 | 19,496 | 15,181 | 19,951 | 17,916 | 97,350 | 97,400 | 20,336 | 15,931 | 20,791 | 18,666 | | | | | | | | | |
| 94,400 | 94,450 | 19,510 | 15,194 | 19,965 | 17,929 | 97,400 | 97,450 | 20,350 | 15,944 | 20,805 | 18,679 | | | | | | | | | |
| 94,450 | 94,500 | 19,524 | 15,206 | 19,979 | 17,941 | 97,450 | 97,500 | 20,364 | 15,956 | 20,819 | 18,691 | | | | | | | | | |
| 94,500 | 94,550 | 19,538 | 15,219 | 19,993 | 17,954 | 97,500 | 97,550 | 20,378 | 15,969 | 20,833 | 18,704 | | | | | | | | | |
| 94,550 | 94,600 | 19,552 | 15,231 | 20,007 | 17,966 | 97,550 | 97,600 | 20,392 | 15,981 | 20,847 | 18,716 | | | | | | | | | |
| 94,600 | 94,650 | 19,566 | 15,244 | 20,021 | 17,979 | 97,600 | 97,650 | 20,406 | 15,994 | 20,861 | 18,729 | | | | | | | | | |
| 94,650 | 94,700 | 19,580 | 15,256 | 20,035 | 17,991 | 97,650 | 97,700 | 20,420 | 16,006 | 20,875 | 18,741 | | | | | | | | | |
| 94,700 | 94,750 | 19,594 | 15,269 | 20,049 | 18,004 | 97,700 | 97,750 | 20,434 | 16,019 | 20,889 | 18,754 | | | | | | | | | |
| 94,750 | 94,800 | 19,608 | 15,281 | 20,063 | 18,016 | 97,750 | 97,800 | 20,448 | 16,031 | 20,903 | 18,766 | | | | | | | | | |
| 94,800 | 94,850 | 19,622 | 15,294 | 20,077 | 18,029 | 97,800 | 97,850 | 20,462 | 16,044 | 20,917 | 18,779 | | | | | | | | | |
| 94,850 | 94,900 | 19,636 | 15,306 | 20,091 | 18,041 | 97,850 | 97,900 | 20,476 | 16,056 | 20,931 | 18,791 | | | | | | | | | |
| 94,900 | 94,950 | 19,650 | 15,319 | 20,105 | 18,054 | 97,900 | 97,950 | 20,490 | 16,069 | 20,945 | 18,804 | | | | | | | | | |
| 94,950 | 95,000 | 19,664 | 15,331 | 20,119 | 18,066 | 97,950 | 98,000 | 20,504 | 16,081 | 20,959 | 18,816 | | | | | | | | | |
| 95,000 | | | | | | 98,000 | | | | | | | | | | | | | | |
| 95,000 | 95,050 | 19,678 | 15,344 | 20,133 | 18,079 | 98,000 | 98,050 | 20,518 | 16,094 | 20,973 | 18,829 | | | | | | | | | |
| 95,050 | 95,100 | 19,692 | 15,356 | 20,147 | 18,091 | 98,050 | 98,100 | 20,532 | 16,106 | 20,987 | 18,841 | | | | | | | | | |
| 95,100 | 95,150 | 19,706 | 15,369 | 20,161 | 18,104 | 98,100 | 98,150 | 20,546 | 16,119 | 21,001 | 18,854 | | | | | | | | | |
| 95,150 | 95,200 | 19,720 | 15,381 | 20,175 | 18,116 | 98,150 | 98,200 | 20,560 | 16,131 | 21,015 | 18,866 | | | | | | | | | |
| 95,200 | 95,250 | 19,734 | 15,394 | 20,189 | 18,129 | 98,200 | 98,250 | 20,574 | 16,144 | 21,029 | 18,879 | | | | | | | | | |
| 95,250 | 95,300 | 19,748 | 15,406 | 20,203 | 18,141 | 98,250 | 98,300 | 20,588 | 16,156 | 21,043 | 18,891 | | | | | | | | | |
| 95,300 | 95,350 | 19,762 | 15,419 | 20,217 | 18,154 | 98,300 | 98,350 | 20,602 | 16,169 | 21,057 | 18,904 | | | | | | | | | |
| 95,350 | 95,400 | 19,776 | 15,431 | 20,231 | 18,166 | 98,350 | 98,400 | 20,616 | 16,181 | 21,071 | 18,916 | | | | | | | | | |
| 95,400 | 95,450 | 19,790 | 15,444 | 20,245 | 18,179 | 98,400 | 98,450 | 20,630 | 16,194 | 21,085 | 18,929 | | | | | | | | | |
| 95,450 | 95,500 | 19,804 | 15,456 | 20,259 | 18,191 | 98,450 | 98,500 | 20,644 | 16,206 | 21,099 | 18,941 | | | | | | | | | |
| 95,500 | 95,550 | 19,818 | 15,469 | 20,273 | 18,204 | 98,500 | 98,550 | 20,658 | 16,219 | 21,113 | 18,954 | | | | | | | | | |
| 95,550 | 95,600 | 19,832 | 15,481 | 20,287 | 18,216 | 98,550 | 98,600 | 20,672 | 16,231 | 21,127 | 18,966 | | | | | | | | | |
| 95,600 | 95,650 | 19,846 | 15,494 | 20,301 | 18,229 | 98,600 | 98,650 | 20,686 | 16,244 | 21,141 | 18,979 | | | | | | | | | |
| 95,650 | 95,700 | 19,860 | 15,506 | 20,315 | 18,241 | 98,650 | 98,700 | 20,700 | 16,256 | 21,155 | 18,991 | | | | | | | | | |
| 95,700 | 95,750 | 19,874 | 15,519 | 20,329 | 18,254 | 98,700 | 98,750 | 20,714 | 16,269 | 21,169 | 19,004 | | | | | | | | | |
| 95,750 | 95,800 | 19,888 | 15,531 | 20,343 | 18,266 | 98,750 | 98,800 | 20,728 | 16,281 | 21,183 | 19,016 | | | | | | | | | |
| 95,800 | 95,850 | 19,902 | 15,544 | 20,357 | 18,279 | 98,800 | 98,850 | 20,742 | 16,294 | 21,197 | 19,029 | | | | | | | | | |
| 95,850 | 95,900 | 19,916 | 15,556 | 20,371 | 18,291 | 98,850 | 98,900 | 20,756 | 16,306 | 21,211 | 19,041 | | | | | | | | | |
| 95,900 | 95,950 | 19,930 | 15,569 | 20,385 | 18,304 | 98,900 | 98,950 | 20,770 | 16,319 | 21,225 | 19,054 | | | | | | | | | |
| 95,950 | 96,000 | 19,944 | 15,581 | 20,399 | 18,316 | 98,950 | 99,000 | 20,784 | 16,331 | 21,239 | 19,066 | | | | | | | | | |

* This column must also be used by a qualifying widow(er).

2015 Tax Computation Worksheet—Line 44



See the instructions for line 44 to see if you must use the worksheet below to figure your tax.

Note. If you are required to use this worksheet to figure the tax on an amount from another form or worksheet, such as the Qualified Dividends and Capital Gain Tax Worksheet, the Schedule D Tax Worksheet, Schedule J, Form 8615, or the Foreign Earned Income Tax Worksheet, enter the amount from that form or worksheet in column (a) of the row that applies to the amount you are looking up. Enter the result on the appropriate line of the form or worksheet that you are completing.

Section A—Use if your filing status is **Single**. Complete the row below that applies to you.

| Taxable income. If line 43 is— | (a) Enter the amount from line 43 | (b) Multiplication amount | (c) Multiply (a) by (b) | (d) Subtraction amount | Tax. Subtract (d) from (c). Enter the result here and on Form 1040, line 44 |
|---|--------------------------------------|------------------------------|-------------------------------|---------------------------|--|
| At least \$100,000 but not over \$189,300 | \$ | × 28% (0.28) | \$ | \$ 6,928.75 | \$ |
| Over \$189,300 but not over \$411,500 | \$ | × 33% (0.33) | \$ | \$ 16,393.75 | \$ |
| Over \$411,500 but not over \$413,200 | \$ | × 35% (0.35) | \$ | \$ 24,623.75 | \$ |
| Over \$413,200 | \$ | × 39.6% (0.396) | \$ | \$ 43,630.95 | \$ |

Section B—Use if your filing status is **Married filing jointly** or **Qualifying widow(er)**. Complete the row below that applies to you.

| Taxable income. If line 43 is— | (a) Enter the amount from line 43 | (b) Multiplication amount | (c) Multiply (a) by (b) | (d) Subtraction amount | Tax. Subtract (d) from (c). Enter the result here and on Form 1040, line 44 |
|---|--------------------------------------|------------------------------|-------------------------------|---------------------------|--|
| At least \$100,000 but not over \$151,200 | \$ | × 25% (0.25) | \$ | \$ 8,412.50 | \$ |
| Over \$151,200 but not over \$230,450 | \$ | × 28% (0.28) | \$ | \$ 12,948.50 | \$ |
| Over \$230,450 but not over \$411,500 | \$ | × 33% (0.33) | \$ | \$ 24,471.00 | \$ |
| Over \$411,500 but not over \$464,850 | \$ | × 35% (0.35) | \$ | \$ 32,701.00 | \$ |
| Over \$464,850 | \$ | × 39.6% (0.396) | \$ | \$ 54,084.10 | \$ |

Section C—Use if your filing status is **Married filing separately**. Complete the row below that applies to you.

| Taxable income. If line 43 is— | (a) Enter the amount from line 43 | (b) Multiplication amount | (c) Multiply (a) by (b) | (d) Subtraction amount | Tax. Subtract (d) from (c). Enter the result here and on Form 1040, line 44 |
|---|--------------------------------------|------------------------------|-------------------------------|---------------------------|--|
| At least \$100,000 but not over \$115,225 | \$ | × 28% (0.28) | \$ | \$ 6,474.25 | \$ |
| Over \$115,225 but not over \$205,750 | \$ | × 33% (0.33) | \$ | \$ 12,235.50 | \$ |
| Over \$205,750 but not over \$232,425 | \$ | × 35% (0.35) | \$ | \$ 16,350.50 | \$ |
| Over \$232,425 | \$ | × 39.6% (0.396) | \$ | \$ 27,042.05 | \$ |

Section D—Use if your filing status is **Head of household**. Complete the row below that applies to you.

| Taxable income. If line 43 is— | (a) Enter the amount from line 43 | (b) Multiplication amount | (c) Multiply (a) by (b) | (d) Subtraction amount | Tax. Subtract (d) from (c). Enter the result here and on Form 1040, line 44 |
|---|--------------------------------------|------------------------------|-------------------------------|---------------------------|--|
| At least \$100,000 but not over \$129,600 | \$ | × 25% (0.25) | \$ | \$ 5,677.50 | \$ |
| Over \$129,600 but not over \$209,850 | \$ | × 28% (0.28) | \$ | \$ 9,565.50 | \$ |
| Over \$209,850 but not over \$411,500 | \$ | × 33% (0.33) | \$ | \$ 20,058.00 | \$ |
| Over \$411,500 but not over \$439,000 | \$ | × 35% (0.35) | \$ | \$ 28,288.00 | \$ |
| Over \$439,000 | \$ | × 39.6% (0.396) | \$ | \$ 48,482.00 | \$ |