Table A-1. 3-, 5-, 7-, 10-, 15-, and 20-Year Property Half-Year Convention

| Year | Depreciation rate for recovery period |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3-year | 5-year | 7-year | 10-year | 15-year | 20-year |
| 1 | 33.33\% | 20.00\% | 14.29\% | 10.00\% | 5.00\% | 3.750\% |
| 2 | 44.45 | 32.00 | 24.49 | 18.00 | 9.50 | 7.219 |
| 3 | 14.81 | 19.20 | 17.49 | 14.40 | 8.55 | 6.677 |
| 4 | 7.41 | 11.52 | 12.49 | 11.52 | 7.70 | 6.177 |
| 5 |  | 11.52 | 8.93 | 9.22 | 6.93 | 5.713 |
| 6 |  | 5.76 | 8.92 | 7.37 | 6.23 | 5.285 |
| 7 |  |  | 8.93 | 6.55 | 5.90 | 4.888 |
| 8 |  |  | 4.46 | 6.55 | 5.90 | 4.522 |
| 9 |  |  |  | 6.56 | 5.91 | 4.462 |
| 10 |  |  |  | 6.55 | 5.90 | 4.461 |
| 11 |  |  |  | 3.28 | 5.91 | 4.462 |
| 12 |  |  |  |  | 5.90 | 4.461 |
| 13 |  |  |  |  | 5.91 | 4.462 |
| 14 |  |  |  |  | 5.90 | 4.461 |
| 15 |  |  |  |  | 5.91 | 4.462 |
| 16 |  |  |  |  | 2.95 | 4.461 |
| 17 |  |  |  |  |  | 4.462 |
| 18 |  |  |  |  |  | 4.461 |
| 19 |  |  |  |  |  | 4.462 |
| 20 |  |  |  |  |  | 4.461 |
| 21 |  |  |  |  |  | 2.231 |

Table A-2. 3-, 5-, 7-, 10-, 15-, and 20-Year Property Mid-Quarter Convention Placed in Service in First Quarter

| Year | Depreciation rate for recovery period |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 3-year | 5-year | 7-year | 10-year | 15-year | 20-year |
| 1 | $58.33 \%$ | $35.00 \%$ | $25.00 \%$ | $17.50 \%$ | $8.75 \%$ | $6.563 \%$ |
| 2 | 27.78 | 26.00 | 21.43 | 16.50 | 9.13 | 7.000 |
| 3 | 12.35 | 15.60 | 15.31 | 13.20 | 8.21 | 6.482 |
| 4 | 1.54 | 11.01 | 10.93 | 10.56 | 7.39 | 5.996 |
| 5 |  | 11.01 | 8.75 | 8.45 | 6.65 | 5.546 |

Table A-3. 3-, 5-, 7-, 10-, 15-, and 20-Year Property Mid-Quarter Convention Placed in Service in Second Quarter

| Year | Depreciation rate for recovery period |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 3-year | 5-year | 7-year | 10-year | 15-year | 20-year |
| 1 | $41.67 \%$ | $25.00 \%$ | $17.85 \%$ | $12.50 \%$ | $6.25 \%$ | $4.688 \%$ |
| 2 | 38.89 | 30.00 | 23.47 | 17.50 | 9.38 | 7.148 |
| 3 | 14.14 | 18.00 | 16.76 | 14.00 | 8.44 | 6.612 |
| 4 | 5.30 | 11.37 | 11.97 | 11.20 | 7.59 | 6.116 |
| 5 |  | 11.37 | 8.87 | 8.96 | 6.83 | 5.658 |

Table A-4. 3-, 5-, 7-, 10-, 15-, and 20-Year Property Mid-Quarter Convention Placed in Service in Third Quarter

| Year | Depreciation rate for recovery period |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 3-year | 5-year | 7-year | 10-year | 15-year | 20-year |
| 1 | $25.00 \%$ | $15.00 \%$ | $10.71 \%$ | $7.50 \%$ | $3.75 \%$ | $2.813 \%$ |
| 2 | 50.00 | 34.00 | 25.51 | 18.50 | 9.63 | 7.289 |
| 3 | 16.67 | 20.40 | 18.22 | 14.80 | 8.66 | 6.742 |
| 4 | 8.33 | 12.24 | 13.02 | 11.84 | 7.80 | 6.237 |
| 5 |  | 11.30 | 9.30 | 9.47 | 7.02 | 5.769 |

Table A-5. 3-, 5-, 7-, 10-, 15-, and 20-Year Property Mid-Quarter Convention Placed in Service in Fourth Quarter

| Year | Depreciation rate for recovery period |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 3-year | 5-year | 7-year | 10-year | 15-year | 20-year |
| 1 | $8.33 \%$ | $5.00 \%$ | $3.57 \%$ | $2.50 \%$ | $1.25 \%$ | $0.938 \%$ |
| 2 | 61.11 | 38.00 | 27.55 | 19.50 | 9.88 | 7.430 |
| 3 | 20.37 | 22.80 | 19.68 | 15.60 | 8.89 | 6.872 |
| 4 | 10.19 | 13.68 | 14.06 | 12.48 | 8.00 | 6.357 |
| 5 |  | 10.94 | 10.04 | 9.98 | 7.20 | 5.880 |

Table A-6. Residential Rental Property Mid-Month Convention Straight Line-27.5 Years

| Year | Month property placed in service |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | 3.485\% | 3.182\% | 2.879\% | 2.576\% | 2.273\% | 1.970\% | 1.667\% | 1.364\% | 1.061\% | $0.758 \%$ | $0.455 \%$ | $0.152 \%$ |
| 2-9 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 10 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 11 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 |
| 12 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 13 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 |
| 14 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 15 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 |
| 16 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 17 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 |
| 18 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 19 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 |
| 20 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 21 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 |
| 22 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 23 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 |
| 24 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 25 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 |
| 26 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 27 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 | 3.637 |
| 28 | 1.97 | 2.273 | 2.576 | 2.879 | 3.182 | 3.485 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 | 3.636 |
| 29 |  |  |  |  |  |  | 0.152 | 0.455 | 0.758 | 1.061 | 1.364 | 1.667 |

Table A-7a. Nonresidential Real Property Mid-Month Convention Straight Line-39 Years

| Year | Month property placed in service |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | 2.461\% | $2.247 \%$ | 2.033\% | 1.819\% | 1.605\% | 1.391\% | 1.177\% | $0.963 \%$ | 0.749\% | $0.535 \%$ | $0.321 \%$ | $0.107 \%$ |
| 2-39 | 2.564 | 2.564 | 2.564 | 2.564 | 2.564 | 2.564 | 2.564 | 2.564 | 2.564 | 2.564 | 2.564 | 2.564 |
| 40 | 0.107 | 0.321 | 0.535 | 0.749 | 0.963 | 1.177 | 1.391 | 1.605 | 1.819 | 2.033 | 2.247 | 2.461 |

## 2020 Tax Brackets and Tax Rates (for filing in 2021)

## Single

```
If taxable income is over-
$0
$9,875
$40,125
$85,525
$163,300
$207,350
$518,400
```

```
but not over-
$9,875
$40,125
$85,525
$163,300
$207,350
$518,400
no limit
```

the tax is:
$10 \%$ of the amount over $\$ 0$
$\$ 988$ plus $12 \%$ of the amount over $\$ 9,875$
$\$ 4,618$ plus $22 \%$ of the amount over $\$ 40,125$
$\$ 14,606$ plus $24 \%$ of the amount over $\$ 85,525$
$\$ 33,272$ plus $32 \%$ of the amount over $\$ 163,300$
$\$ 47,368$ plus $35 \%$ of the amount over $\$ 207,350$
$\$ 156,235$ plus $37 \%$ of the amount over $\$ 518,400$

## Married Filing Jointly or Qualifying Widow (Widower)

```
If taxable income is over-
$0
$19,750
$80,250
$171,050
$326,600
$414,700
$622,050
```

but not over-
\$19,750
\$80,250
\$171,050
\$326,600
\$414, 700
\$622, 050
no limit
the tax is:
$10 \%$ of the amount over $\$ 0$
$\$ 1,975$ plus $12 \%$ of the amount over $\$ 19,750$
$\$ 9,235$ plus $22 \%$ of the amount over $\$ 80,250$
$\$ 29,211$ plus $24 \%$ of the amount over $\$ 171,050$
$\$ 66,543$ plus $32 \%$ of the amount over $\$ 326,600$
$\$ 94,735$ plus $35 \%$ of the amount over $\$ 414,700$
$\$ 167,308$ plus $37 \%$ of the amount over
\$622,050

## Married Filing Separately

```
If taxable income is over-
```

but not over-
the tax is:
\$9,875
$\$ 40,126$
$\$ 85,525$
\$163,300
\$207,350
\$311, 025
no limit
$10 \%$ of the amount over $\$ 0$
$\$ 988$ plus $12 \%$ of the amount over $\$ 9,875$
$\$ 4,618$ plus $22 \%$ of the amount over $\$ 40,126$
$\$ 14,605$ plus $24 \%$ of the amount over $\$ 85,525$
$\$ 33,271$ plus $32 \%$ of the amount over $\$ 163,300$
$\$ 47,367$ plus $35 \%$ of the amount over $\$ 207,350$
$\$ 83,654$ plus $37 \%$ of the amount over $\$ 311,025$

## Head of Household

```
If taxable income is over-
```

but not over-
\$14,100
\$53,700
\$85,500
\$163, 300
\$207,350
\$518,400
no limit
the tax is:
$10 \%$ of the amount over $\$ 0$
$\$ 1,410$ plus $12 \%$ of the amount over $\$ 14,100$
$\$ 6,162$ plus $22 \%$ of the amount over $\$ 53,700$
$\$ 13,158$ plus $24 \%$ of the amount over $\$ 85,500$
$\$ 31,830$ plus $32 \%$ of the amount over $\$ 163,300$
$\$ 45,926$ plus $35 \%$ of the amount over $\$ 207,350$
$\$ 154,794$ plus $37 \%$ of the amount over $\$ 518,400$

Corporate Tax Rate: 21\%

## 2020 Auto Limits

REV. PROC. 2020-37 TABLE 1
DEPRECIATION LIMITATIONS FOR PASSENGER AUTOMOBILES ACQUIRED AFTER SEPTEMBER 27, 2017, AND PLACED IN SERVICE DURING CALENDAR YEAR 2020, FOR WHICH THE § 168(k) ADDITIONAL FIRST YEAR DEPRECIATION DEDUCTION APPLIES

| Tax Year | Amount |
| :---: | ---: |
| 1st Tax Year | $\$ 18,100$ |
| 2nd Tax Year | $\$ 16,100$ |
| 3rd Tax Year | $\$ 9,700$ |
| ch Succeeding Year | $\$ 5,760$ |

REV. PROC. 2020-37 TABLE 2
DEPRECIATION LIMITATIONS FOR PASSENGER AUTOMOBILES
PLACED IN SERVICE DURING CALENDAR YEAR 2020 FOR WHICH NO § 168(k) ADDITIONAL FIRST YEAR DEPRECIATION DEDUCTION APPLIES

| Tax Year | Amount |
| :---: | ---: |
| 1st Tax Year | $\$ 10,100$ |
| 2nd Tax Year | $\$ 16,100$ |
| 3rd Tax Year | $\$ 9,700$ |
| ch Succeeding Year | $\$ 5,760$ |

## 2020 LT Capital Gains/Dividends Rates

2020 Long Term Capital Gains Tax Rate Based On Taxable Income

| Tax Rate | Single Filers | Married Filing <br> Jointly | Heads of <br> Household | Married Filing <br> Separately |
| :---: | :---: | :---: | :---: | :---: |
| $0 \%$ | $\$ 0-\$ 40,000$ | $\$ 0-\$ 80,000$ | $\$ 0-\$ 53,600$ | $\$ 0-\$ 40,000$ |
| $15 \%$ | $\$ 40,001-\$ 441,450$ | $\$ 80,001-\$ 496,600$ | $\$ 53,601-\$ 469,050$ | $\$ 40,001-\$ 248,300$ |
| $20 \%$ | Over $\$ 441,450$ | Over $\$ 496,600$ | Over $\$ 469,050$ | Over $\$ 248,300$ |

## Passive Loss Limitation Exception for Low Income Taxpayers

$\$ 25,000$ annual exclusion is phased out $\$ 0.50$ for each dollar of AGI above $\$ 100,000$

## $\S 179$

2020 limit is \$1,040,000 and \$ for \$ phase out starts at \$2,590,000 2018/2019 limit is \$1,000,000 and \$ for \$ phase out starts at \$2,500,000. 2017 limit is $\$ 510,000$ and phase out starts at $\$ 2,030,000$.

Standard Deductions - 2020 and 2021

| Standard Deduction | Tax Year 2020 | Tax Year 2021 |
| :--- | ---: | ---: |
| Single | $\$ 12,400$ | $\$ 12,550$ |
| Head of Household | $\$ 18,650$ | $\$ 18,800$ |
| Married Filing Jointly | $\$ 24,800$ | $\$ 25,100$ |
| Married Filing Separately | $\$ 12,400$ | $\$ 12,550$ |
| Dependents (kiddie tax) | $\$ 1,100$ | $\$ 1,100$ |
| 65 or Blind: Married | Add $\$ 1,300$ | Add $\$ 1,350$ |
| Single | Add $\$ 1,650$ | Add $\$ 1,700$ |

## Standard Deductions - 2019

| Filing Status | Standard Deduction Amount |
| :---: | :---: |
| Single | $\$ 12,200$ |
| Married Filing Jointly \& Surviving Spouse | $\$ 24,400$ |
| Married Filing Separately | $\$ 12,200$ |
| Head of Household | $\$ 18,350$ |

Standard deductions for 2017 and 2018

| Filing Status | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 7}$ |
| :--- | :--- | :--- |
| Married Filing <br> Jointly | $\$ 24,000$ | $\$ 12,700$ |
| Married Filing <br> Separately | 12,000 | 6,350 |
| Head of <br> household | 18,000 | 9,350 |
| Single | 12,000 | 6,350 |

Dividends Received Deduction

| Ownership | 2017 and prior | $2018 / 2019$ |
| :--- | :--- | :--- |
| $0-19.99 \%$ | $70 \%$ | $50 \%$ |
| $20-79.99 \%$ | $80 \%$ | $65 \%$ |
| $80 \%+$ | $100 \%$ | $100 \%$ |

Qualified business income deduction - 2020
QBI Phase outs begin at $\$ 323,600$ for MFJ and $\$ 163,300$ for all other taxpayers.

## FICA Cap

FICA cap for 2020 is $\$ 137,700$.

## Child Tax Credit

For 2020, the CTC is $\$ 2,000$ per child and phases out starting at AGI of $\$ 400,000 \mathrm{MFJ}$

## CTC is decreased by $\$ 50$ for every $\$ 1,000$ above threshold

Tax Credit for Other Dependents
The Family Tax Credit or Credit for Other Dependents allows taxpayers to claim \$500 for dependents who do not qualify for the Child Tax Credit. Children over age 17, aging dependents who rely on you for care, and dependents with an ITIN are eligible for the Credit for Other Dependents.
table 11.2A Present Value of \$1

| Periods | 2\% | 3\% | 3.75\% | 4\% | 4.25\% | 5\% | 6\% | 7\% | 8\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 0.9804 | 0.9709 | 0.9639 | 0.9615 | 0.9592 | 0.9524 | 0.9434 | 0.9346 | 0.9259 |
| 2 | 0.9612 | 0.9426 | 0.9290 | 0.9246 | 0.9201 | 0.9070 | 0.8900 | 0.8734 | 0.8573 |
| 3 | 0.9423 | 0.9151 | 0.8954 | 0.8890 | 0.8826 | 0.8638 | 0.8396 | 0.8163 | 0.7938 |
| 4 | 0.9238 | 0.8885 | 0.8631 | 0.8548 | 0.8466 | 0.8227 | 0.7921 | 0.7629 | 0.7350 |
| 5 | 0.9057 | 0.8626 | 0.8319 | 0.8219 | 0.8121 | 0.7835 | 0.7473 | 0.7130 | 0.6806 |
| 6 | 0.8880 | 0.8375 | 0.8018 | 0.7903 | 0.7790 | 0.7462 | 0.7050 | 0.6663 | 0.6302 |
| 7 | 0.8706 | 0.8131 | 0.7728 | 0.7599 | 0.7473 | 0.7107 | 0.6651 | 0.6227 | 0.5835 |
| 8 | 0.8535 | 0.7894 | 0.7449 | 0.7307 | 0.7168 | 0.6768 | 0.6274 | 0.5820 | 0.5403 |
| 9 | 0.8368 | 0.7664 | 0.7180 | 0.7026 | 0.6876 | 0.6446 | 0.5919 | 0.5439 | 0.5002 |
| 10 | 0.8203 | 0.7441 | 0.6920 | 0.6756 | 0.6595 | 0.6139 | 0.5584 | 0.5083 | 0.4632 |
| 20 | 0.6730 | 0.5537 | 0.4789 | 0.4564 | 0.4350 | 0.3769 | 0.3118 | 0.2584 | 0.2145 |
| Periods | 9\% | 10\% | 11\% | 12\% | 13\% | 14\% | 15\% | 20\% | 25\% |
| 1 | 0.9174 | 0.9091 | 0.9009 | 0.8929 | 0.8850 | 0.8772 | 0.8696 | 0.8333 | 0.8000 |
| 2 | 0.8417 | 0.8264 | 0.8116 | 0.7972 | 0.7831 | 0.7695 | 0.7561 | 0.6944 | 0.6400 |
| 3 | 0.7722 | 0.7513 | 0.7312 | 0.7118 | 0.6931 | 0.6750 | 0.6575 | 0.5787 | 0.5120 |
| 4 | 0.7084 | 0.6830 | 0.6587 | 0.6355 | 0.6133 | 0.5921 | 0.5718 | 0.4823 | 0.4096 |
| 5 | 0.6499 | 0.6209 | 0.5935 | 0.5674 | 0.5428 | 0.5194 | 0.4972 | 0.4019 | 0.3277 |
| 6 | 0.5963 | 0.5645 | 0.5346 | 0.5066 | 0.4803 | 0.4556 | 0.4323 | 0.3349 | 0.2621 |
| 7 | 0.5470 | 0.5132 | 0.4817 | 0.4523 | 0.4251 | 0.3996 | 0.3759 | 0.2791 | 0.2097 |
| 8 | 0.5019 | 0.4665 | 0.4339 | 0.4039 | 0.3762 | 0.3506 | 0.3269 | 0.2326 | 0.1678 |
| 9 | 0.4604 | 0.4241 | 0.3909 | 0.3606 | 0.3329 | 0.3075 | 0.2843 | 0.1938 | 0.1342 |
| 10 | 0.4224 | 0.3855 | 0.3522 | 0.3220 | 0.2946 | 0.2697 | 0.2472 | 0.1615 | 0.1074 |
| 20 | 0.1784 | 0.1486 | 0.1240 | 0.1037 | 0.0868 | 0.0728 | 0.0611 | 0.0261 | 0.0115 |


| P <br> e <br> r <br> i | PRESENT VALUE OF ORDINARY ANNUITY (annuity in arrears -- end of period payments) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | RATE PER PERIOD |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| s | 0.25\% | 0.50\% | 0.75\% | 1.00\% | 1.50\% | 2.00\% | 2.50\% | 3.00\% | 4.00\% | 5.00\% | 6.00\% | 7.00\% | 8.00\% | 9.00\% | 10.00\% | 11.00\% | 12.00\% |
| 1 | 0.99751 | 0.99502 | 0.99256 | 0.99010 | 0.98522 | 0.98039 | 0.97561 | 0.97087 | 0.96154 | 0.95238 | 0.94340 | 0.93458 | 0.92593 | 0.91743 | 0.90909 | 0.90090 | 0.89286 |
| 2 | 1.99252 | 1.98510 | 1.97772 | 1.97040 | 1.95588 | 1.94156 | 1.92742 | 1.91347 | 1.88609 | 1.85941 | 1.83339 | 1.80802 | 1.78326 | 1.75911 | 1.73554 | 1.71252 | 1.69005 |
| 3 | 2.98506 | 2.97025 | 2.95556 | 2.94099 | 2.91220 | 2.88388 | 2.85602 | 2.82861 | 2.77509 | 2.72325 | 2.67301 | 2.62432 | 2.57710 | 2.53129 | 2.48685 | 2.44371 | 2.40183 |
| 4 | 3.97512 | 3.95050 | 3.92611 | 3.90197 | 3.85438 | 3.80773 | 3.76197 | 3.71710 | 3.62990 | 3.54595 | 3.46511 | 3.38721 | 3.31213 | 3.23972 | 3.16987 | 3.10245 | 3.03735 |
| 5 | 4.96272 | 4.92587 | 4.88944 | 4.85343 | 4.78264 | 4.71346 | 4.64583 | 4.57971 | 4.45182 | 4.32948 | 4.21236 | 4.10020 | 3.99271 | 3.88965 | 3.79079 | 3.69590 | 3.60478 |
| 6 | 5.94785 | 5.89638 | 5.84560 | 5.79548 | 5.69719 | 5.60143 | 5.50813 | 5.41719 | 5.24214 | 5.07569 | 4.91732 | 4.76654 | 4.62288 | 4.48592 | 4.35526 | 4.23054 | 4.11141 |
| 7 | 6.93052 | 6.86207 | 6.79464 | 6.72819 | 6.59821 | 6.47199 | 6.34939 | 6.23028 | 6.00205 | 5.78637 | 5.58238 | 5.38929 | 5.20637 | 5.03295 | 4.86842 | 4.71220 | 4.56376 |
| 8 | 7.91074 | 7.82296 | 7.73661 | 7.65168 | 7.48593 | 7.32548 | 7.17014 | 7.01969 | 6.73274 | 6.46321 | 6.20979 | 5.97130 | 5.74664 | 5.53482 | 5.33493 | 5.14612 | 4.96764 |
| 9 | 8.88852 | 8.77906 | 8.67158 | 8.56602 | 8.36052 | 8.16224 | 7.97087 | 7.78611 | 7.43533 | 7.10782 | 6.80169 | 6.51523 | 6.24689 | 5.99525 | 5.75902 | 5.53705 | 5.32825 |
| 10 | 9.86386 | 9.73041 | 9.59958 | 9.47130 | 9.22218 | 8.98259 | 8.75206 | 8.53020 | 8.11090 | 7.72173 | 7.36009 | 7.02358 | 6.71008 | 6.41766 | 6.14457 | 5.88923 | 5.65022 |
| 11 | 10.83677 | 10.67703 | 10.52067 | 10.36763 | 10.07112 | 9.78685 | 9.51421 | 9.25262 | 8.76048 | 8.30641 | 7.88687 | 7.49867 | 7.13896 | 6.80519 | 6.49506 | 6.20652 | 5.93770 |
| 12 | 11.80725 | 11.61893 | 11.43491 | 11.25508 | 10.90751 | 10.57534 | 10.25776 | 9.95400 | 9.38507 | 8.86325 | 8.38384 | 7.94269 | 7.53608 | 7.16073 | 6.81369 | 6.49236 | 6.19437 |
| 13 | 12.77532 | 12.55615 | 12.34235 | 12.13374 | 11.73153 | 11.34837 | 10.98318 | 10.63496 | 9.98565 | 9.39357 | 8.85268 | 8.35765 | 7.90378 | 7.48690 | 7.10336 | 6.74987 | 6.42355 |
| 14 | 13.74096 | 13.48871 | 13.24302 | 13.00370 | 12.54338 | 12.10625 | 11.69091 | 11.29607 | 10.56312 | 9.89864 | 9.29498 | 8.74547 | 8.24424 | 7.78615 | 7.36669 | 6.98187 | 6.62817 |
| 15 | 14.70420 | 14.41662 | 14.13699 | 13.86505 | 13.34323 | 12.84926 | 12.38138 | 11.93794 | 11.11839 | 10.37966 | 9.71225 | 9.10791 | 8.55948 | 8.06069 | 7.60608 | 7.19087 | 6.81086 |
| 16 | 15.66504 | 15.33993 | 15.02431 | 14.71787 | 14.13126 | 13.57771 | 13.05500 | 12.56110 | 11.65230 | 10.83777 | 10.10590 | 9.44665 | 8.85137 | 8.31256 | 7.82371 | 7.37916 | 6.97399 |
| 17 | 16.62348 | 16.25863 | 15.90502 | 15.56225 | 14.90765 | 14.29187 | 13.71220 | 13.16612 | 12.16567 | 11.27407 | 10.47726 | 9.76322 | 9.12164 | 8.54363 | 8.02155 | 7.54879 | 7.11963 |
| 18 | 17.57953 | 17.17277 | 16.77918 | 16.39827 | 15.67256 | 14.99203 | 14.35336 | 13.75351 | 12.65930 | 11.68959 | 10.82760 | 10.05909 | 9.37189 | 8.75563 | 8.20141 | 7.70162 | 7.24967 |
| 19 | 18.53320 | 18.08236 | 17.64683 | 17.22601 | 16.42617 | 15.67846 | 14.97889 | 14.32380 | 13.13394 | 12.08532 | 11.15812 | 10.33560 | 9.60360 | 8.95011 | 8.36492 | 7.83929 | 7.36578 |
| 20 | 19.48449 | 18.98742 | 18.50802 | 18.04555 | 17.16864 | 16.35143 | 15.58916 | 14.87747 | 13.59033 | 12.46221 | 11.46992 | 10.59401 | 9.81815 | 9.12855 | 8.51356 | 7.96333 | 7.46944 |
| 21 | 20.43340 | 19.88798 | 19.36280 | 18.85698 | 17.90014 | 17.01121 | 16.18455 | 15.41502 | 14.02916 | 12.82115 | 11.76408 | 10.83553 | 10.01680 | 9.29224 | 8.64869 | 8.07507 | 7.56200 |
| 22 | 21.37995 | 20.78406 | 20.21121 | 19.66038 | 18.62082 | 17.65805 | 16.76541 | 15.93692 | 14.45112 | 13.16300 | 12.04158 | 11.06124 | 10.20074 | 9.44243 | 8.77154 | 8.17574 | 7.64465 |
| 23 | 22.32414 | 21.67568 | 21.05331 | 20.45582 | 19.33086 | 18.29220 | 17.33211 | 16.44361 | 14.85684 | 13.48857 | 12.30338 | 11.27219 | 10.37106 | 9.58021 | 8.88322 | 8.26643 | 7.71843 |
| 24 | 23.26598 | 22.56287 | 21.88915 | 21.24339 | 20.03041 | 18.91393 | 17.88499 | 16.93554 | 15.24696 | 13.79864 | 12.55036 | 11.46933 | 10.52876 | 9.70661 | 8.98474 | 8.34814 | 7.78432 |
| 25 | 24.20547 | 23.44564 | 22.71876 | 22.02316 | 20.71961 | 19.52346 | 18.42438 | 17.41315 | 15.62208 | 14.09394 | 12.78336 | 11.65358 | 10.67478 | 9.82258 | 9.07704 | 8.42174 | 7.84314 |
| 30 | 28.86787 | 27.79405 | 26.77508 | 25.80771 | 24.01584 | 22.39646 | 20.93029 | 19.60044 | 17.29203 | 15.37245 | 13.76483 | 12.40904 | 11.25778 | 10.27365 | 9.42691 | 8.69379 | 8.05518 |
| 35 | 33.47243 | 32.03537 | 30.68266 | 29.40858 | 27.07559 | 24.99862 | 23.14516 | 21.48722 | 18.66461 | 16.37419 | 14.49825 | 12.94767 | 11.65457 | 10.56682 | 9.64416 | 8.85524 | 8.17550 |
| 40 | 38.01986 | 36.17223 | 34.44694 | 32.83469 | 29.91585 | 27.35548 | 25.10278 | 23.11477 | 19.79277 | 17.15909 | 15.04630 | 13.33171 | 11.92461 | 10.75736 | 9.77905 | 8.95105 | 8.24378 |
| 50 | 46.94617 | 44.14279 | 41.56645 | 39.19612 | 34.99969 | 31.42361 | 28.36231 | 25.72976\| | 21.48218 | 18.25593 | 15.76186 | 13.80075 | 12.23348 | 10.96168 | 9.91481 | 9.04165 | 8.30450 |

