**Таблица 1. Коэффициенты дисконтирования единичной стоимости**

**М2 (r, n) (***при доходности* **r** *и* **n** *периодах***)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Пери-од | 1% | 2% | 3% | 4% | 5% | 6% | 7% | 8% | 9% | 10% |
| 1 | 0.9901 | 0.9804 | 0.9709 | 0.9615 | 0.9524 | 0.9434 | 0.9346 | 0.9259 | 0.9174 | 0.9091 |
| 2 | 0.9803 | 0.9612 | 0.9426 | 0.9246 | 0.9070 | 0.8900 | 0.8734 | 0.8573 | 0.8417 | 0.8264 |
| 3 | 0.9706 | 0.9423 | 0.9151 | 0.8890 | 0.8638 | 0.8396 | 0.8163 | 0.7938 | 0.7722 | 0.7513 |
| 4 | 0.9610 | 0.9238 | 0.8885 | 0.8548 | 0.8227 | 0.7921 | 0.7629 | 0.7350 | 0.7084 | 0.6830 |
| 5 | 0.9515 | 0.9057 | 0.8626 | 0.8219 | 0.7835 | 0.7473 | 0.7130 | 0.6806 | 0.6499 | 0.6206 |
| 6 | 0.9420 | 0.8880 | 0.8375 | 0.7903 | 0.7462 | 0.7050 | 0.6663 | 0.6302 | 0.5963 | 0.5645 |
| 7 | 0.9327 | 0.8706 | 0.8131 | 0.7599 | 0.7107 | 0.6651 | 0.6227 | 0.5835 | 0.5470 | 0.5132 |
| 8 | 0.9235 | 0.8535 | 0.7894 | 0.7307 | 0.6768 | 0.6274 | 0.5820 | 0.5403 | 0.5019 | 0.4665 |
| 9 | 0.9143 | 0.8368 | 0.7664 | 0.7026 | 0.6446 | 0.5919 | 0.5439 | 0.5002 | 0.4604 | 0.4241 |
| 10 | 0.9053 | 0.8203 | 0.7441 | 0.6756 | 0.6139 | 0.5584 | 0.5083 | 0.4632 | 0.4224 | 0.3855 |
| 11 | 0.8963 | 0.8043 | 0.7224 | 0.6496 | 0.5847 | 0.5268 | 0.4751 | 0.4289 | 0.3875 | 0.3505 |
| 12 | 0.8874 | 0.7885 | 0.7014 | 0.6246 | 0.5568 | 0.4970 | 0.4440 | 0.3971 | 0.3555 | 0.3186 |
| 13 | 0.8787 | 0.7730 | 0.6810 | 0.6006 | 0.5303 | 0.4688 | 0.4150 | 0.3677 | 0.3262 | 0.2897 |
| 14 | 0.8700 | 0.7579 | 0.6611 | 0.5775 | 0.5051 | 0.4423 | 0.3878 | 0.3405 | 0.2992 | 0.2633 |
| 15 | 0.8613 | 0.7430 | 0.6419 | 0.5553 | 0.4810 | 0.4173 | 0.3624 | 0.3152 | 0.2745 | 0.2394 |
| 16 | 0.8528 | 0.7284 | 0.6232 | 0.5339 | 0.4581 | 0.3936 | 0.3387 | 0.2919 | 0.2519 | 0.2176 |
| 17 | 0.8444 | 0.7142 | 0.6050 | 0.5134 | 0.4363 | 0.3714 | 0.3166 | 0.2703 | 0.2311 | 0.1978! |
| 18 | 0.8360 | 0.7002 | 0.5874 | 0.4936 | 0.4155 | 0.3503 | 0.2959 | 0.2502 | 0.2120 | 0.1799 |
| 19 | 0.8277 | 0.6864 | 0.5703 | 0.4746 | 0.3957 | 0.3305 | 0.2765 | 0.2317 | 0.1945 | 0.163&1 |
| 20 | 0.8195 | 0.6730 | 0.5537 | 0.4564 | 0.3769 | 0.3118 | 0.2584 | 0.2145 | 0.1784 | 0.148 |
| 21 | 0.8114 | 0.6598 | 0.5375 | 0.4388 | 0.3589 | 0.2942 | 0.2415 | 0.1987 | 0.1637 | 0.1351 |
| 22 | 0.8034 | 0.6468 | 0.5219 | 0.4220 | 0.3418 | 0.2775 | 0.2257 | 0.1839 | 0.1502 | 0.1228 |
| 23 | 0.7954 | 0.6342 | 0.5067 | 0.4057 | 0.3256 | 0.2618 | 0.2109 | 0.1703 | 0.1378 | 0.1117^ |
| 24 | 0.7876 | 0.6217 | 0.4919 | 0.3901 | 0.3101 | 0.2470 | 0.1971 | 0.1577 | 0.1264 | 0.1011$' |
|  |  |  |  |  |  |  |  |  |  |  |
| 25 | 0.7798 | 0.6095 | 0.4776 | 0.3751 | 0.2953 | 0.2330 | 0.1842 | 0.1460 | 0.1160 | 0.092 |
| 26 | 0.7720 | 0.5976 | 0.4637 | 0.3604 | 0.2812 | 0.2198 | 0.1722 | 0.1352 | 0.1064 | 0.088 |
| 27 | 0.7644 | 0.5859 | 0.4502 | 0.3468 | 0.2678 | 0.2074 | 0.1609 | 0.1252 | 0.0976 | 0.070' |
| 28 | 0.7568 | 0.5744 | 0.4371 | 0.3335 | 0.2551 | 0.1956 | 0.1504 | 0.1159 | 0.0895 | 0.0608' |
| 29 | 0.7493 | 0.5631 | 0.4243 | 0.3207 | 0.2429 | 0.1846 | 0.1406 | 0.1073 | 0.0822 | 0.0630 |
| 30 | 0.7419 | 0.5521 | 0.4120 | 0.3083 | 0.2314 | 0.1741 | 0.1314 | 0.0994 | 0.0754 | 0.0573 |
| 35 | 0.7059 | 0.5000 | 0.3554 | 0.2534 | 0.1813 | 0.1301 | 0.0937 | 0.0676 | 0.0490 | 0.0356. |
| 40 | 0.6717 | 0.4529 | 0.3066 | 0.2083 | 0.1420 | 0.0972 | 0.0668 | 0.0460 | 0.0318 | 0.0221 |
| 45 | 0.6391 | 0.4102 | 0.2644 | 0.1712 | 0.1113 | 0.0727 | 0.0476 | 0.0313 | 0.0207 | 0.0137^ |
| 50 | 0.6080 | 0.3715 | 0.2281 | 0.1407 | 0.0872 | 0.0543 | 0.0339 | 0.0213 | 0.0134 | 0.0085 |
| 55 | 0.5785 | 0.3365 | 0.1968 | 0.1157 | 0.0683 | 0.0406 | 0.0242 | 0.0145 | 0.0087 | 0.0053 |

**Окончание таблицы 1**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Пери-од | 12% | 14% | 15% | 16% | 18% | 20% | 24% | 28% | 32% | 36% |
| 1 | 0.8929 | 0.8772 | 0.8696 | 0.8621 | 0.8476 | 0.8333 | 0.8065 | 0.7813 | 0.7576 | 0.7353 |
| 2 | 0.7972 | 0.7695 | 0.7561 | 0.7432 | 0.7182 | 0.6944 | 0.6504 | 0.6104 | 0.5739 | 0.5407 |
| 3 | 0.7118 | 0.6750 | 0.6575 | 0.6407 | 0.6086 | 0.5787 | 0.5245 | 0.4768 | 0.4348 | 0.3975 |
| 4 | 0.6355 | 0.5921 | 0.5718 | 0.5523 | 0.5158 | 0.4823 | 0.4230 | 0.3725 | 0.3294 | 0.2923 |
| 5 | 0.5674 | 0.5194 | 0.4972 | 0.4761 | 0.4371 | 0.4019 | 0.3411 | 0.2910 | 0.2495 | 0.2149 |
| 6 | 0.5066 | 0.4556 | 0.4323 | 0.4104 | 0.3704 | 0.3349 | 0.2751 | 0.2274 | 0.1890 | 0.1580 |
| 7 | 0.4523 | 0.3996 | 0.3759 | 0.3538 | 0.3139 | 0.2791 | 0.2218 | 0.1776 | 0.1432 | 0.1162 |
| 8 | 0.4039 | 0.3506 | 0.3269 | 0.3050 | 0.2660 | 0.2326 | 0.1789 | 0.1388 | 0.1085 | 0.0854 |
| 9 | 0.3606 | 0.3075 | 0.2843 | 0.2630 | 0.2255 | 0.1938 | 0.1443 | 0.1084 | 0.0822 | 0.0628 |
| 10 | 0.3220 | 0.2697 | 0.2472 | 0.2267 | 0.1911 | 0.1615 | 0.1164 | 0.0847 | 0.0623 | 0.0462 |
| 11 | 0.2875 | 0.2366 | 0.2149 | 0.1954 | 0.1619 | 0.1346 | 0.0938 | 0.0662 | 0.0472 | 0.0340 |
| 12 | 0.2567 | 0.2076 | 0.1869 | 0.1685 | 0.1372 | 0.1122 | 0.0757 | 0.0517 | 0.0357 | 0.0250 |
| 13 | 0.2292 | 0.1821 | 0.1625 | 0.1452 | 0.1163 | 0.0935 | 0.0610 | 0.0404 | 0.0271 | 0.0184 |
| 14 | 0.2046 | 0.1597 | 0.1413 | 0.1252 | 0.0985 | 0.0779 | 0.0492 | 0.0316 | 0.0205 | 0.0135 |
| 15 | 0.1827 | 0.1401 | 0.1229 | 0.1079 | 0.0835 | 0.0649 | 0.0397 | 0.0247 | 0.0155 | 0.0099 |
| 16 | 0.1631 | 0.1229 | 0.1069 | 0.0980 | 0.0708 | 0.0541 | 0.0320 | 0.0193 | 0.0118 | 0.0073 |
| 17 | 0.1456 | 0.1078 | 0.0929 | 0.0802 | 0.0600 | 0.0451 | 0.0258 | 0.0150 | 0.0089 | 0.0054 |
| 18 | 0.1300 | 0.0946 | 0.0808 | 0.0691 | 0.0508 | 0.0376 | 0.0208 | 0.0118 | 0.0068 | 0.0039 |
| 19 | 0.1161 | 0.0829 | 0.0703 | 0.0596 | 0.0431 | 0.0313 | 0.0168 | 0.0092 | 0.0051 | 0.0029 |
| 20 | 0.1037 | 0.0728 | 0.0611 | 0.0514 | 0.0365 | 0.0261 | 0.0135 | 0.0072 | 0.0039 | 0.0021 |
| 21 | 0.0926 | 0.0638 | 0.0531 | 0.0443 | 0.0309 | 0.0217 | 0.0109 | 0.0056 | 0.0029 | 0.0016 |
| 22 | 0.0826 | 0.0560 | 0.0462 | 0.0382 | 0.0262 | 0.0181 | 0.0088 | 0.0044 | 0.0022 | 0.0012 |
| 23 | 0.0738 | 0.0491 | 0.0402 | 0.0329 | 0.0222 | 0.0151 | 0.0071 | 0.0034 | 0.0017 | 0.0008 |
| 24 | 0.0659 | 0.0431 | 0.0349 | 0.0284 | 0.0188 | 0.0126 | 0.0057 | 0.0027 | 0.0013 | 0.0006 |
| 25 | 0.0588 | 0.0378 | 0.0304 | 0.0245 | 0.0160 | 0.0105 | 0.0046 | 0.0021 | 0.0010 | 0.0005 |
| 26 | 0.0525 | 0.0331 | 0.0264 | 0.0211 | 0.0135 | 0.0087 | 0.0037 | 0.0016 | 0.0007 | 0.0003 |
| 27 | 0.0469 | 0.0291 | 0.0230 | 0.0182 | 0.0115 | 0.0073 | 0.0030 | 0.0013 | 0.0006 | 0.0002 |
| 28 | 0.0419 | 0.0255 | 0.0200 | 0.0157 | 0.0097 | 0.0061 | 0.0024 | 0.0010 | 0.0004 | 0.0002 |
| 29 | 0.0374 | 0.0224 | 0.0174 | 0.0135 | 0.0082 | 0.0051 | 0.0020 | 0.0008 | 0.0003 | 0.0001 |
| 30 | 0.0334 | 0.0196 | 0.0151 | 0.0116 | 0.0070 | 0.0042 | 0.0016 | 0.0006 | 0.0002 | 0.0001 |
| 35 | 0.0189 | 0.0102 | 0.0075 | 0.0055 | 0.0030 | 0.0017 | 0.0005 | 0.0002 | 0.0001 | \* |
| 40 | 0.0107 | 0.0053 | 0.0037 | 0.0026 | 0.0013 | 0.0007 | 0.0002 | 0.0001 | \* | \* |
| 45 | 0.0061 | 0.0027 | 0.0019 | 0.0013 | 0.0006 | 0.0003 | 0.0001 | \* | \* | *\** |
| 50 | 0.0035 | 0.0014 | 0.0009 | 0.0006 | 0.0003 | 0.0001 |  | \* | \* | *\** |
| 55 | 0.0020 | 0.0007 | 0.0005 | 0.0003 | 0.0001 | \* | \* | \* | \* | *\** |

**Таблица 2. Суммарные коэффициенты дисконтирования аннуитета M 4 (r, n) (***при доходности* **r,** *и* **n** *периодах)*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Пери-од | 1% | 2% | 3% | 4% | 5% | 6% | 7% | 8% | 9% |
| 1 | 0.9901 | 0.9804 | 0.9709 | 0.9615 | 0.9524 | 0.9434 | 0.9346 | 0.9259 | 0.9174 |
| 2 | 1.9704 | 1.9416 | 1.9135 | 1.8861 | 1.8594 | 1.8334 | 1.8080 | 1.7833 | 1.7591 |
| 3 | 2.9410 | 2.8839 | 2.8286 | 2.7751 | 2.7232 | 2.6730 | 2.6243 | 2.5771 | 2.5313 |
| 4 | 3.9020 | 3.8077 | 3.7171 | 3.6299 | 3.5460 | 3.4651 | 3.3872 | 3.3121 | 3.2397 |
| 5 | 4.8534 | 4.7135 | 4.5797 | 4.4518 | 4.3295 | 4.2124 | 4.1002 | 3.9927 | 3.8897 |
| 6 | 5.7955 | 5.6014 | 5.4172 | 5.2421 | 5.0757 | 4.9173 | 4.7665 | 4.6229 | 4.4859 |
| 7 | 6.7282 | 6.4720 | 6.2303 | 6.0021 | 5.7864 | 5.5824 | 5.3893 | 5.2064 | 5.0330 |
| 8 | 7.6517 | 7.3255 | 7.0197 | 6.7327 | 6.4632 | 6.2098 | 5.9713 | 5.7466 | 5.5348 |
| 9 | 8.5660 | 8.1622 | 7.7861 | 7.4353 | 7.1078 | 6.8017 | 6.5152 | 6.2469 | 5.9952 |
| 10 | 9.4713 | 8.9826 | 8.5302 | 8.1109 | 7.7217 | 7.3601 | 7.0236 | 6.7101 | 6.4177 |
| 11 | 10.3676 | 9.7868 | 9.2526 | 8.7605 | 8.3064 | 7.8869 | 7.4987 | 7.1390 | 6.8052 |
| 12 | 11.2551 | 10.5753 | 9.9540 | 9.3851 | 8.8633 | 8.3838 | 7.9427 | 7.5361 | 7.1607 |
| 13 | 12.1337 | 11.3484 | 10.6350 | 9.9856 | 9.3936 | 8.8527 | 8.3577 | 7.9038 | 7.4869 |
| 14 | 13.0037 | 12.1062 | 11.2961 | 10.5631 | 9.8986 | 9.2950 | 8.7455 | 8.2442 | 7.7862 |
| 15 | 13.8651 | 12.8493 | 11.9379 | 11.1184 | 10.3797 | 9.7122 | 9.1079 | 8.5595 | 8.0607 |
| 16 | 14.7179 | 13.5777 | 12.5611 | 11.6523 | 10.8378 | 10.1059 | 9.4466 | 8.8514 | 8.3126 |
| 17 | 15.5623 | 14.2919 | 13.1661 | 12.1657 | 11.2741 | 10.4773 | 9.7632 | 9.1216 | 8.5436 |
| 18 | 16.3983 | 14.9920 | 13.7535 | 12.6593 | 11.6896 | 10.8276 | 10.0591 | 9.3719 | 8.7556 |
| 19 | 17.2260 | 15.6785 | 14.3238 | 13.1339 | 12.0853 | 11.1581 | 10.3356 | 9.6036 | 8.9501 |
| 20 | 18.0456 | 16.3514 | 14.8775 | 13.5903 | 12.4622 | 11.4699 | 10.5940 | 9.8181 | 9.1285 |
| 21 | 18.8570 | 17.0112 | 15.4150 | 14.0292 | 12.8212 | 11.7641 | 10.8355 | 10.0168 | 9.2922 |
| 22 | 19.6604 | 17.6580 | 15.9369 | 14.4511 | 13.1630 | 12.0416 | 11.0612 | 10.2007 | 9.4424 |
| 23 | 20.4558 | 18.2922 | 16.4436 | 14.8568 | 13.4886 | 12.3034 | 11.2722 | 10.3711 | 9.5802 |
| 24 | 21.2434 | 18.9139 | 16.9355 | 15.2470 | 13.7986 | 12.5504 | 11.4693 | 10.5288 | 9.7066 |
| 25 | 22.0232 | 19.5235 | 17.4131 | 15.6221 | 14.0939 | 12.7834 | 11.6536 | 10.6748 | 9.8226 |
| 26 | 22.7952 | 20.1210 | 17.8768 | 15.9828 | 14.3752 | 13.0032 | 11.8258 | 10.8100 | 9.9290 |
| 27 | 23.5596 | 20.7069 | 18.3270 | 16.3296 | 14.6430 | 13.2105 | 11.9867 | 10.9352 | 10.0266 |
| 28 | 24.3164 | 21.2813 | 18.7641 | 16.6631 | 14.8981 | 13.4062 | 12.1371 | 11.0511 | 10.1161 |
| 29 | 25.0658 | 21.8444 | 19.1885 | 16.9837 | 15.1411 | 13.5907 | 12.2777 | 11.1584 | 10.1983 |
| 30 | 25.8077 | 22.3965 | 19.6004 | 17.2920 | 15.3725 | 13.7648 | 12.4090 | 11.2578 | 10.2737 |
| 35 | 29.4086 | 24.9986 | 21.4872 | 18.6646 | 16.3742 | 14.4982 | 12.9477 | 11.6546 | 10.5668 |
| 40 | 32.8347 | 27.3555 | 23.1148 | 19.7928 | 17.1591 | 15.0463 | 13.3317 | 11.9246 | 10.7574 |
| 45 | 36.0945 | 29.4902 | 24.5187 | 20.7200 | 17.7741 | 15.4558 | 13.6055 | 12.1084 | 10.8812 |
| 50 | 39.1961 | 31.4236 | 25.7298 | 21.4822 | 18.2559 | 15.7619 | 13.8007 | 12.2335 | 10.9617 |
| 55 | 42.1472 | 33.1748 | 26.7744 | 22.1086 | 18.6335 | 15.9905 | 13.9399 | 12.3186 | 11.0140 |
|  |  |  |  |  |  |  |  |  |  |

**Окончание таблицы 2.**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Пери-од | 10% | 12% | 14% | 15% | 16% | 18% | 20% | 24% | 28% | 32% |
| 1 | 0.9091 | 0.8929 | 0.8772 | 0.8696 | 0.8621 | 0.8475 | 0.8333 | 0.8065 | 0.7813 | 0.7576 |
| 2 | 1.7355 | 1.6901 | 1.6467 | 1.6257 | 1.6052 | 1.5656 | 1.5278 | 1.4568 | 1.3916 | 1.3315 |
| 3 | 2.4869 | 2.4018 | 2.3216 | 2.2832 | 2.2459 | 2.1743 | 2.1065 | 1.9813 | 1.8684 | 1.7663 |
| 4 | 3.1699 | 3.0373 | 2.9137 | 2.8550 | 2.7982 | 2.6901 | 2.5887 | 2.4043 | 2.2410 | 2.0957 |
| 5 | 3.7908 | 3.6048 | 3.4331 | 3.3522 | 3.2743 | 3.1272 | 2.9906 | 2.7454 | 2.5320 | 2.3452 |
| 6 | 4.3553 | 4.1114 | 3.8887 | 3.7845 | 3.6847 | 3.4976 | 3.3255 | 3.0205 | 2.7594 | 2.5342 |
| 7 | 4.8684 | 4.5638 | 4.2883 | 4.1604 | 4.0386 | 3.8115 | 3.6046 | 3.2423 | 2.9370 | 2.6775 |
| 8 | 5.3349 | 4.9676 | 4.6389 | 4.4873 | 4.3436 | 4.0776 | 3.8372 | 3.4212 | 3.0758 | 2.7860 |
| 9 | 5.7590 | 5.3282 | 4.9464 | 4.7716 | 4.6065 | 4.3030 | 4.0310 | 3.5655 | 3.1842 | 2.8681 |
| 10 | 6.1446 | 5.6502 | 5.2161 | 5.0188 | 4.8332 | 4.4941 | 4.1925 | 3.6819 | 3.2689 | 2.9304 |
| 11 | 6.4951 | 5.9377 | 5.4527 | 5.2337 | 5.0286 | 4.6560 | 4.3271 | 3.7757 | 3.3351 | 2.9776 |
| 12 | 6.8137 | 6.1944 | 5.6603 | 5.4206 | 5.1971 | 4.7932 | 4.4392 | 3.8514 | 3.3868 | 3.0133 |
| 13 | 7.1034 | 6.4235 | 5.8424 | 5.5831 | 5.3423 | 4.9095 | 4.5327 | 3.9124 | 3.4272 | 3.0404 |
| 14 | 7.3667 | 6.6282 | 6.0021 | 5.7245 | 5.4675 | 5.0081 | 4.6106 | 3.9616 | 3.4587 | 3.0609 |
| 15 | 7.6061 | 6.8109 | 6.1422 | 5.8474 | 5.5755 | 5.0916 | 4.6755 | 4.0013 | 3.4834 | 3.0764 |
| 16 | 7.8237 | 6.9740 | 6.2651 | 5.9542 | 5.6685 | 5.1624 | 4.7296 | 4.0333 | 3.5026 | 3.0882 |
| 17 | 8.0216 | 7.1196 | 6.3729 | 6.0472 | 5.7487 | 5.2223 | 4.7746 | 4.0591 | 3.5177 | 3.0971 |
| 18 | 8.2014 | 7.2497 | 6.4674 | 6.1280 | 5.8178 | 5.2732 | 4.8122 | 4.0799 | 3.5294 | 3.1039 |
| 19 | 8.3649 | 7.3658 | 6.5504 | 6.1982 | 5.8775 | 5.3162 | 4.8435 | 4.0967 | 3.5386 | 3.1090 |
| 20 | 8.5136 | 7.4694 | 6.6231 | 6.2593 | 5.9288 | 5.3527 | 4.8696 | 4.1103 | 3.5458 | 3.1129 |
| 21 | 8.6487 | 7.5620 | 6.6870 | 6.1325 | 5.9731 | 5.3837 | 4.8913 | 4.1212 | 3.5514 | 3.1158 |
| 22 | 8.7715 | 7.6446 | 6.7429 | 6.3587 | 6.0113 | 5.4099 | 4.9094 | 4.1300 | 3.5558 | 3.1180 |
| 23 | 8.8832 | 7.7184 | 6.7921 | 6.3988 | 6.0442 | 5.4321 | 4.9245 | 4.1371 | 3.5592 | 3.1197 |
| 24 | 8.9847 | 7.7843 | 6.8351 | 6.4338 | 6.0726 | 5.4509 | 4.9371 | 4.1428 | 3.5619 | 3.1210 |
| 25 | 9.0770 | 7.8431 | 6.8729 | 6.4641 | 6.0971 | 5.4669 | 4.9476 | 4.1474 | 3.5640 | 3.1220 |
| 26 | 9.1609 | 7.8957 | 6.9061 | 6.4906 | 6.1182 | 5.4804 | 4.9563 | 4.1511 | 3.5656 | 3.1227 |
| 27 | 9.2372 | 7.9426 | 6.9352 | 6.5135 | 6.1364 | 5.4919 | 4.9636 | 4.1542 | 3.5669 | 3.1233 |
| 28 | 9.3066 | 7.9844 | 6.9607 | 6.5335 | 6.1520 | 5.5016 | 4.9697 | 4.1566 | 3.5679 | 3.1237 |
| 29 | 9.3696 | 8.0218 | 6.9830 | 6.5509 | 6.1656 | 5.5098 | 4.9747 | 4.1585 | 3.5687 | 3.1240 |
| 30 | 9.4269 | 8.0552 | 7.0027 | 6.5660 | 6.1772 | 5.5168 | 4.9789 | 4.1601 | 3.5693 | 3.1242 |
| 35 | 9.6442 | 8.1755 | 7.0700 | 6.6166 | 6.2153 | 5.5386 | 4.9915 | 4.1644 | 4.5708 | 3.1248 |
| 40 | 9.7791 | 8.2438 | 7.1050 | 6.6418 | 6.2335 | 5.5482 | 4.9966 | 4.1659 | 3.5712 | 3.1250 |
| 45 | 9.8628 | 8.2825 | 7.1232 | 6.6543 | 6.2421 | 5.5523 | 4.9986 | 4.1664 | 3.5714 | 3.1250 |
| 50 | 9.9148 | 8.3045 | 7.1327 | 6.6605 | 6.2463 | 5.5541 | 4.9995 | 4.1666 | 3.5714 | 3.1250 |
| 55 | 9.9471 | 8.3170 | 7.1376 | 6.6636 | 6.2482 | 5.5549 | 4.9998 | 4.1666 | 3.5714 | 3.125  0 |

**Таблица 3. Коэффициенты наращивания единичной стоимости M1 (r, n) (** *при доходности* **r** *и* **n )**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Пери-од | 1% | 2% | 3% | 4% | 5% | 6% | 7% | 8% | 9% | 10% |
| 1 | 1.0100 | 1.0200 | 1.0300 | 1.0400 | 1.0500 | 1.0600 | 1.0700 | 1.0800 | 1.0900 | 1.1000 |
| 2 | 1.0201 | 1.0404 | 1.0609 | 1.0816 | 1.1025 | 1.1236 | 1.1449 | 1.1664 | 1.1881 | 1.2100 |
| 3 | 1.0303 | 1.0612 | 1.0927 | 1.1249 | 1.1576 | 1.1910 | 1.2250 | 1.2597 | 1.2950 | 1.3310 |
| 4 | 1.0406 | 1.0824 | 1.1255 | 1.1699 | 1.2155 | 1.2625 | 1.3108 | 1.3605 | 1.4116 | 1.4641 |
| 5 | 1.0510 | 1.1041 | 1.1593 | 1.2167 | 1.2763 | 1.3382 | 1.4026 | 1.4693 | 1.5386 | 1.6105 |
| 6 | 1.0615 | 1.1262 | 1.1941 | 1.2653 | 1.3401 | 1.4185 | 1.5007 | 1.5869 | 1.6771 | 1.7716 |
| 7 | 1.0721 | 1.1487 | 1.2299 | 1.3159 | 1.4071 | 1.5036 | 1.6058 | 1.7138 | 1.8280 | 1.9487 |
| 8 | 1.0829 | 1.1717 | 1.2668 | 1.3686 | 1.4775 | 1.5938 | 1.7182 | 1.8509 | 1.9926 | 2.1436 |
| 9 | 1.0937 | 1.1951 | 1.3048 | 1.4233 | 1.5513 | 1.6895 | 1.8385 | 1.9990 | 2.1719 | 2.3579 |
| 10 | 1.1046 | 1.2190 | 1.3439 | 1.4802 | 1.6289 | 1.7908 | 1.9672 | 2.1589 | 2.3674 | 2.5937 |
| 11 | 1.1157 | 1.2434 | 1.3842 | 1.5395 | 1.7103 | 1.8983 | 2.1049 | 2.3316 | 2.5804 | 2.8531 |
| 12 | 1.1268 | 1.2682 | 1.4258 | 1.6010 | 1.7959 | 2.0122 | 2.2522 | 2.5182 | 2.8127 | 3.1384 |
| 13 | 1.1381 | 1.2936 | 1.4685 | 1.6651 | 1.8856 | 2.1329 | 2.4098 | 2.7196 | 3.0658 | 3.4523 |
| 14 | 1.1495 | 1.3195 | 1.5126 | 1.7317 | 1.9799 | 2.2609 | 2.5785 | 2.9372 | 3.3417 | 3.7975 |
| 15 | 1.1610 | 1.3459 | 1.5580 | 1.8009 | 2.0789 | 2.3966 | 2.7590 | 3.1722 | 3.6425 | 4.1772 |
| 16 | 1.1726 | 1.3728 | 1.6047 | 1.8730 | 2.1829 | 2.5404 | 2.9522 | 3.4259 | 3.9703 | 4.5950 |
| 17 | 1.1843 | 1.4002 | 1.6528 | 1.9479 | 2.2920 | 2.6928 | 3.1588 | 3.7000 | 4.3276 | 5.0545 |
| 18 | 1.1961 | 1.4282 | 1.7024 | 2.0258 | 2.4066 | 2.8543 | 3.3799 | 3.9960 | 4.7171 | 5.5599 |
| 19 | 1.2081 | 1.4568 | 1.7535 | 2.1068 | 2.5270 | 3.0256 | 3.6165 | 4.3157 | 5.1417 | 6.1189 |
| 20 | 1.2202 | 1.4859 | 1.8061 | 2.1911 | 2.6533 | 3.2071 | 3.8697 | 4.6610 | 5.6044 | 6.7275 |
| 21 | 1.2324 | 1.5157 | 1.8603 | 2.2788 | 2.7860 | 3.3996 | 4.1406 | 5.0338 | 6.1088 | 7.4002 |
| 22 | 1.2447 | 1.5460 | 1.9161 | 2.3699 | 2.9253 | 3.6035 | 4.4304 | 5.4365 | 6.6586 | 8.1403 |
| 23 | 1.2572 | 1.5769 | 1.9736 | 2.4647 | 3.0715 | 3.8197 | 4.7405 | 5.8715 | 7.2579 | 8.9843 |
| 24 | 1.2697 | 1.6084 | 2.0328 | 2.5633 | 3.2251 | 4.0489 | 5.0724 | 6.3412 | 7.9111 | 9.8497 |
| 25 | 1.2824 | 1.6406 | 2.0938 | 2.6658 | 3.3864 | 4.2919 | 5.4274 | 6.8485 | 8.6231 | 10.8» |
| 26 | 1.2953 | 1.6734 | 2.1566 | 2.7725 | 3.5557 | 4.5494 | 5.8074 | 7.3964 | 9.3992 | 11.914 |
| 27 | 1.3082 | 1.7069 | 2.2213 | 2.8834 | 3.7335 | 4.8223 | 6.2139 | 7.9881 | 10.245 | 13.11» |
| 28 | 1.3213 | 1.7410 | 2.2879 | 2.9987 | 3.9201 | 5.1117 | 6.6488 | 8.6271 | 11.167 | 14.421 |
| 29 | 1.3345 | 1.7758 | 2.3566 | 3.1187 | 4.1161 | 5.4184 | 7.1143 | 9.3173 | 12.172 | 15.8Ю |
| 30 | 1.3478 | 1.8114 | 2.4273 | 3.2434 | 4.3219 | 5.7435 | 7.6123 | 10.063 | 13.268 | 17.449 |
| 40 | 1.4889 | 2.2080 | 3.2620 | 4.8010 | 7.0400 | 10.286 | 14.974 | 21.725 | 31.409 | 45.259 |
| 50 | 1.6446 | 2.6916 | 4.3839 | 7.1067 | 11.467 | 18.420 | 29.457 | 46.902 | 74.358 | 117.39 |
| 60 | 1.8167 | 3.2810 | 5.8916 | 10.520 | 18.679 | 32.988 | 57.946 | 101.26 | 176.03 | 304.48 |
|  |  |  |  |  |  |  |  |  |  |  |

**Окончание таблицы 3**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Пери-од | 12% | 14% | 15% | 16% | 18% | 20% | 24% | 28% | 32% | 36% |
| 1 | 1.1200 | 1.1400 | 1.1500 | 1.1600 | 1.1800 | 1.2000 | 1.2400 | 1.2800 | 1.3200 | 1.3600 |
| 2 | 1.2544 | 1.2996 | 1.3225 | 1.3456 | 1.3924 | 1.4400 | 1.5376 | 1.6384 | 1.7424 | 1.8496 |
| 3 | 1.4049 | 1.4815 | 1.5209 | 1.5609 | 1.6430 | 1.7280 | 1.9066 | 2.0972 | 2.3000 | 2.5155 |
| 4 | 1.5735 | 1.6890 | 1.7490 | 1.8106 | 1.9388 | 2.0736 | 2.3642 | 2.6844 | 3.0360 | 3.4210 |
| 5 | 1.7623 | 1.9254 | 2.0114 | 2.1003 | 2.2878 | 2.4883 | 2.9316 | 3.4360 | 4.0075 | 4.6526 |
| 6 | 1.9738 | 2.1950 | 2.3131 | 2.4364 | 2.6996 | 2.9860 | 3.6352 | 4.3980 | 5.2899 | 6.3275 |
| 7 | 2.2107 | 2.5023 | 2.6600 | 2.8262 | 3.1855 | 3.5832 | 4.5077 | 5.6295 | 6.9826 | 8.6054 |
| 8 | 2.4760 | 2.8526 | 3.0590 | 3.2784 | 3.7589 | 4.2998 | 5.5895 | 7.2058 | 9.2170 | 11.703 |
| 9 | 2.7731 | 3.2519 | 3.5179 | 3.8030 | 4.4355 | 5.1598 | 6.9310 | 9.2234 | 12.166 | 15.917 |
| 10 | 3.1058 | 3.7072 | 4.0456 | 4.4114 | 5.2338 | 6.1917 | 8.5944 | 11.806 | 16.060 | 21.647 |
| 11 | 3.4785 | 4.2262 | 4.6524 | 5.1173 | 6.1759 | 7.4301 | 10.657 | 15.112 | 21.199 | 29.439 |
| 12 | 3.8960 | 4.8179 | 5.3503 | 5.9360 | 7.2876 | 8.9161 | 13.215 | 19.343 | 27.983 | 40.037 |
| 13 | 4.3635 | 5.4924 | 6.1528 | 6.8858 | 8.5994 | 10.699 | 16.386 | 24.759 | 36.937 | 54.451 |
| 14 | 4.8871 | 6.2613 | 7.0757 | 7.9875 | 10.147 | 12.839 | 20.319 | 31.691 | 48.757 | 74.053 |
| 15 | 5.4736 | 7.1379 | 8.1371 | 9.2655 | 11.974 | 15.407 | 25.196 | 40.565 | 64.359 | 100.71 |
| 16 | 6.1304 | 8.1372 | 9.3576 | 10.748 | 14.129 | 18.488 | 31.243 | 51.923 | 84.954 | 136.97 |
| 17 | 6.8660 | 9.2765 | 10.761 | 12.468 | 16.672 | 22.186 | 38.741 | 66.461 | 112.14 | 186.28 |
| 18 | 7.6900 | 10.575 | 12.375 | 14.463 | 19.673 | 26.623 | 48.039 | 85.071 | 148.02 | 253.34 |
| 19 | 8.6128 | 12.056 | 14.232 | 16.777 | 23.214 | 31.948 | 59.568 | 108.89 | 195.39 | 344.54 |
| 20 | 9.6463 | 13.743 | 16.367 | 19.461 | 27.393 | 38.338 | 73.864 | 139.38 | 257.92 | 468.57 |
| 21 | 10.804 | 15.668 | 18.822 | 22.574 | 32.324 | 46.005 | 91.592 | 178.41 | 340.45 | 637.26 |
| 22 | 12.100 | 17.861 | 21.645 | 26.186 | 38.142 | 55.206 | 113.57 | 228.36 | 449.39 | 866.67 |
| 23 | 13.552 | 20.362 | 24.891 | 30.376 | 45.008 | 66.247 | 140.83 | 292.30 | 593.20 | 1178.7 |
| 24 | 15.179 | 23.212 | 28.625 | 35.236 | 53.109 | 79.497 | 174.63 | 374.14 | 783.02 | 1603.0 |
| 25 | 17.000 | 26.462 | 32.919 | 40.874 | 62.669 | 95.396 | 216.54 | 478.90 | 1033.6 | 2180.1 |
| 26 | 19.040 | 30.167 | 37.857 | 47.414 | 73.949 | 114.48 | 268.51 | 613.00 | 1364.3 | 2964.9 |
| 27 | 21.325 | 34.390 | 43.535 | 55.000 | 87.260 | 137.37 | 332.95 | 784.64 | 1800.9 | 4032.3 |
| 28 | 23.884 | 39.204 | 50.066 | 63.800 | 102.97 | 164.84 | 412.86 | 1004.3 | 2377.2 | 5483.9 |
| 29 | 26.750 | 44.693 | 57.575 | 74.009 | 121.50 | 197.81 | 511.95 | 1285.6 | 3137,9 | 7458.1 |
| 30 | 29.960 | 50.950 | 66.212 | 85.850 | 143.37 | 237.38 | 634.82 | 1645.5 | 4142.1 | 10143 |
| 40 | 93.051 | 188.88 | 267.86 | 378.72 | 750.38 | 1469.8 | 5455.9 | 19427 | 66521 | \* |
| 50 | 289.00 | 700.23 | 1083.7 | 1670.7 | 3927.4 | 9100.4 | 46890 | \* | \* | \* |
| 60 | 897.60 | 2595.9 | 4384.0 | 7370.2 | 20555 | 56348 | \* |  | \* | \* |

**Таблица 4. Суммарные коэффициенты наращивания аннуитета M3 (r, n) (** *при доходности* **r** *и* **n**  *периодах***)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Пери-од | 1% | 2% | 3% | 4% | 5% | 6% | 7% | 8% | 9% | 10% |
| 1 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 2 | 2.0100 | 2.0200 | 2.0300 | 2.0400 | 2.0500 | 2.0600 | 2.0700 | 2.0800 | 2.0900 | 2.1000 |
| 3 | 3.0301 | 3.0604 | 3.0909 | 3.1216 | 3.1525 | 3.1836 | 3.2149 | 3.2464 | 3.2781 | 3.3100 |
| 4 | 4.0604 | 4.1216 | 4.1836 | 4.2465 | 4.3101 | 4.3746 | 4.4399 | 4.5061 | 4.5731 | 4.6410 |
| 5 | 5.1010 | 5.2040 | 5.3091 | 5.4163 | 5.5256 | 5.6371 | 5.7507 | 5.8666 | 5.9847 | 6.1051 |
| 6 | 6.1520 | 6.3081 | 6.4684 | 6.6330 | 6.8019 | 6.9753 | 7.1533 | 7.3359 | 7.5233 | 7.7156 |
| 7 | 7.2135 | 7.4343 | 7.6625 | 7.8983 | 8.1420 | 8.3938 | 8.6540 | 8.9228 | 9.2004 | 9.4872 |
| 8 | 8.2857 | 8.5830 | 8.8923 | 9.2142 | 9.5491 | 9.8975 | 10.260 | 10.637 | 11.028 | 11.436 |
| 9 | 9.3685 | 9.7546 | 10.159 | 10.583 | 11.027 | 11.491 | 11.978 | 12.488 | 13.021 | 13.579 |
| 10 | 10.462 | 10.950 | 11.464 | 12.006 | 12.578 | 13.181 | 13.816 | 14.487 | 15.193 | 15.937 |
| 11 | 11.567 | 12.169 | 12.808 | 13.486 | 14.207 | 14.972 | 15.784 | 16.645 | 17.560 | 18.531 |
| 12 | 12.683 | 13.412 | 14.192 | 15.026 | 15.917 | 16.870 | 17.888 | 18.977 | 20.141 | 21.384 |
| 13 | 13.809 | 14.680 | 15.618 | 16.627 | 17.713 | 18.882 | 20.141 | 21.495 | 22.953 | 24.523 |
| 14 | 14.947 | 15.974 | 17.086 | 18.292 | 19.599 | 21.015 | 22.550 | 24.215 | 26.019 | 27.975 |
| 15 | 16.097 | 17.293 | 18.599 | 20.024 | 21.579 | 23.276 | 25.129 | 27.152 | 29.361 | 31.772 |
| 16 | 17.258 | 18.639 | 20.157 | 21.825 | 23.657 | 25.673 | 27.888 | 30.324 | 33.003 | 35.950 |
| 17 | 18.430 | 20.012 | 21.762 | 23.698 | 25.840 | 28.213 | 30.840 | 33.750 | 36.974 | 40.545 |
| 18 | 19.615 | 21.412 | 23.414 | 25.645 | 28.132 | 30.906 | 33.999 | 37.450 | 41.301 | 45.599 |
| 19 | 20.811 | 22.841 | 25.117 | 27.671 | 30.539 | 33.760 | 37.379 | 41.446 | 46.018 | 51.159 |
| 20 | 22.019 | 24.297 | 26.870 | 29.778 | 33.066 | 36.786 | 40.995 | 45.762 | 51.160 | 57.275 |
| 21 | 23.239 | 25.783 | 28.676 | 31.969 | 35.719 | 39.993 | 44.865 | 50.423 | 56.765 | 64.002 |
| 22 | 24.472 | 27.299 | 30.537 | 34.248 | 38.505 | 43.392 | 49.006 | 55.457 | 62.873 | 71.403 |
| 23 | 25.716 | 28.845 | 32.453 | 36.618 | 41.430 | 46.996 | 53.436 | 60.893 | 69.532 | 79.543 |
| 24 | 26.973 | 30.422 | 34.426 | 39.083 | 44.502 | 50.816 | 58.177 | 66.765 | 76.790 | 88.497 |
| 25 | 28.243 | 32.030 | 36.459 | 41.646 | 47.727 | 54.865 | 63.249 | 73.106 | 84.701 | 98.347 |
| 26 | 29.526 | 33.671 | 38.553 | 44.312 | 51.113 | 59.156 | 68.676 | 79.954 | 93.324 | 109.18 |
| 27 | 30.821 | 35.344 | 40.710 | 47.084 | 54.669 | 63.706 | 74.484 | 87.351 | 102.72 | 121.10 |
| 28 | 32.129 | 37.051 | 42.931 | 49.968 | 58.403 | 68.528 | 80.698 | 95.339 | 112.97 | 134.21 |
| 29 | 33.450 | 38.792 | 45.219 | 52.966 | 62.323 | 73.640 | 87.347 | 103.97 | 124.14 | 148.63 |
| 30 | 34.785 | 40.568 | 47.575 | 56.085 | 66.439 | 79.058 | 94.461 | 113.28 | 136.31 | 164.49 |
| 40 | 48.886 | 60.402 | 75.401 | 95.026 | 120.80 | 154.76 | 199.64 | 259.06 | 337.88 | 442.59 |
| 50 | 64.463 | 84.579 | 112.80 | 152.67 | 209.35 | 290.34 | 406.53 | 573.77 | 815.08 | 1163.9 |
| 60 | 81.670 | 114.05 | 163.05 | 237.99 | 353.58 | 533:13 | 813.52 | 1253.2 | 1944.8 | 3034.8 |

**Окончание таблицы 4**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Пери-од | 12% | 14% | 15% | 16% | 18% | 20% | 24% | 28% | 32% | 36% |
| 1 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 2 | 2.1200 | 2.1400 | 2.1500 | 2.1600 | 2.1800 | 2.2000 | 2.2400 | 2.2800 | 2.3200 | 2.3600 |
| 3 | 3.3744 | 3.4396 | 3.4725 | 3.5056 | 3.5724 | 3.6400 | 3.7776 | 3.9184 | 4.0624 | 4.2096 |
| 4 | 4.7793 | 4.9211 | 4.9934 | 5.0665 | 5.2154 | 5.3680 | 5.6842 | 6.0156 | 6.3624 | 6.7251 |
| 5 | 6.3528 | 6.6101 | 6.7424 | 6.8771 | 7.1542 | 7.4416 | 8.0484 | 8.6999 | 9.3983 | 10.146 |
| 6 | 8.1152 | 8.5355 | 8.7537 | 8.9775 | 9.4420 | 9.9299 | 10.980 | 12.136 | 13.406 | 14.799 |
| 7 | 10.089 | 10.730 | 11.067 | 11.414 | 12.142 | 12.916 | 14.615 | 16.534 | 18.696 | 21.126 |
| 8 | 12.300 | 13.233 | 13.727 | 14.240 | 15.327 | 16.499 | 19.123 | 22.163 | 25.678 | 29.732 |
| 9 | 14.776 | 16.085 | 16.786 | 17.519 | 19.086 | 20.799 | 24.712 | 29.369 | 34.895 | 41.435 |
| 10 | 17.549 | 19.337 | 20.304 | 21.321 | 23.521 | 25.959 | 31.643 | 38.593 | 47.062 | 57.352 |
| 11 | 20.655 | 23.045 | 24.349 | 25.733 | 28.755 | 32.150 | 40.238 | 50.398 | 63.122 | 78.998 |
| 12 | 24.133 | 27.271 | 29.002 | 30.850 | 34.931 | 39.581 | 50.895 | 65.510 | 84.320 | 108.44 |
| 13 | 28.029 | 32.089 | 34.352 | 36.786 | 42.219 | 48.497 | 64.110 | 84.853 | 112.30 | 148.47 |
| 14 | 32.393 | 37.581 | 40.505 | 43.672 | 50.818 | 59.196 | 80.496 | 109.61 | 149.24 | 202.93 |
| 15 | 37.280 | 43.842 | 47.580 | 51.660 | 60.965 | 72.035 | 100.82 | 141.30 | 198.00 | 276.98 |
| 16 | 42.753 | 50.980 | 55.717 | 60.925 | 72.939 | 87.442 | 126.01 | 181.87 | 262.36 | 377.69 |
| 17 | 48.884 | 59.118 | 65.075 | 71.673 | 87.068 | 105.93 | 157.25 | 233.79 | 347.31 | 514.66 |
| 18 | 55.750 | 68.394 | 75.836 | 84.141 | 103.74 | 128.12 | 195.99 | 300.25 | 459.45 | 700.94 |
| 19 | 63.440 | 78.969 | 88.212 | 98.603 | 123.41 | 154.74 | 244.03 | 385.32 | 607.47 | 954.28 |
| 20 | 72.052 | 91.025 | 102.44 | 115.38 | 146.63 | 186.69 | 303.60 | 494.21 | 802.86 | 1298.8 |
| 21 | 81.699 | 104.77 | 118.81 | 134.84 | 174.02 | 225.03 | 377.46 | 633.59 | 1060.8 | 1767.4 |
| 22 | 92.503 | 120.44 | 137.63 | 157.41 | 206.34 | 271.03 | 469.06 | 812.00 | 1401.2 | 2404.7 |
| 23 | 104.60 | 138.30 | 159.28 | 183.60 | 244.49 | 326.24 | 582.63 | 1040.4 | 1850.6 | 3271.3 |
| 24 | 118.16 | 158.66 | 184.17 | 213.98 | 289.49 | 392.48 | 723.46 | 1332.7 | 2443.8 | 4450.0 |
| 25 | 133.33 | 181.87 | 212.79 | 249.21 | 342.60 | 471.98 | 898.09 | 1706.8 | 3226.8 | 6053.0 |
| 26 | 150.33 | 208.33 | 245.71 | 290.09 | 405.27 | 567.38 | 1114.6 | 2185.7 | 4260.4 | 8233.1 |
| 27 | 169.37 | 238.50 | 283.57 | 337.50 | 479.22 | 681.85 | 1383.1 | 2798.7 | 5624.8 | 11198.0 |
| 28 | 190.70 | 272.89 | 327.10 | 392.50 | 566.48 | 819.22 | 1716.1 | 3583.3 | 7425.7 | 15230.3 |
| 29 | 214.58 | 312.09 | 377.17 | 456.30 | 669.45 | 984.07 | 2129.0 | 4587.7 | 9802.9 | 20714.2 |
| 30 | 241.33 | 356.79 | 434.75 | 530.31 | 790.95 | 1181.9 | 2640.9 | 5873.2 | 12941 | 28172.3 |
| 40 | 767.09 | 1342.0 | 1779.1 | 2360.8 | 4163.2 | 7343.9 | 22729 | 69377 | \* | \* |
| 50 | 2400.0 | 4994.5 | 7217.7 | 10436 | 21813 | 45497 | \* | \* | \* | \* |
| 60 | 7471.6 | 18535 | 29220 | 46058 | \* | \* | \* | \* |  | *\** |