

2.5% versus 5.0% Compounded Annually

Year	Age	Withdraw	Deposit at end of year (for 2.5% case)	Account Amount at end of year (for 2.5% case)	Deposit at end of year (for 5.0% case)	Account Amount at end of year (for 5.0% case)
1	25	\$ -	\$ 24,000.00	\$ 24,000.00	\$ 10,200.00	\$ 10,200.00
2	26	\$ -	\$ 24,000.00	\$ 48,600.00	\$ 10,200.00	\$ 20,910.00
3	27	\$ -	\$ 24,000.00	\$ 73,815.00	\$ 10,200.00	\$ 32,155.50
4	28	\$ -	\$ 24,000.00	\$ 99,660.38	\$ 10,200.00	\$ 43,963.28
5	29	\$ -	\$ 24,000.00	\$ 126,151.88	\$ 10,200.00	\$ 56,361.44
6	30	\$ -	\$ 24,000.00	\$ 153,305.68	\$ 10,200.00	\$ 69,379.51
7	31	\$ -	\$ 24,000.00	\$ 181,138.32	\$ 10,200.00	\$ 83,048.49
8	32	\$ -	\$ 24,000.00	\$ 209,666.78	\$ 10,200.00	\$ 97,400.91
9	33	\$ -	\$ 24,000.00	\$ 238,908.45	\$ 10,200.00	\$ 112,470.96
10	34	\$ -	\$ 24,000.00	\$ 268,881.16	\$ 10,200.00	\$ 128,294.50
11	35	\$ -	\$ 24,000.00	\$ 299,603.19	\$ 10,200.00	\$ 144,909.23
12	36	\$ -	\$ 24,000.00	\$ 331,093.27	\$ 10,200.00	\$ 162,354.69
13	37	\$ -	\$ 24,000.00	\$ 363,370.60	\$ 10,200.00	\$ 180,672.43
14	38	\$ -	\$ 24,000.00	\$ 396,454.87	\$ 10,200.00	\$ 199,906.05
15	39	\$ -	\$ 24,000.00	\$ 430,366.24	\$ 10,200.00	\$ 220,101.35
16	40	\$ -	\$ 24,000.00	\$ 465,125.40	\$ 10,200.00	\$ 241,306.42
17	41	\$ -	\$ 24,000.00	\$ 500,753.53	\$ 10,200.00	\$ 263,571.74
18	42	\$ -	\$ 24,000.00	\$ 537,272.37	\$ 10,200.00	\$ 286,950.32
19	43	\$ -	\$ 24,000.00	\$ 574,704.18	\$ 10,200.00	\$ 311,497.84
20	44	\$ -	\$ 24,000.00	\$ 613,071.78	\$ 10,200.00	\$ 337,272.73
21	45	\$ -	\$ 24,000.00	\$ 652,398.58	\$ 10,200.00	\$ 364,336.37
22	46	\$ -	\$ 24,000.00	\$ 692,708.54	\$ 10,200.00	\$ 392,753.19
23	47	\$ -	\$ 24,000.00	\$ 734,026.26	\$ 10,200.00	\$ 422,590.85
24	48	\$ -	\$ 24,000.00	\$ 776,376.91	\$ 10,200.00	\$ 453,920.39
25	49	\$ -	\$ 24,000.00	\$ 819,786.33	\$ 10,200.00	\$ 486,816.41
26	50	\$ -	\$ 24,000.00	\$ 864,280.99	\$ 10,200.00	\$ 521,357.23
27	51	\$ -	\$ 24,000.00	\$ 909,888.02	\$ 10,200.00	\$ 557,625.09
28	52	\$ -	\$ 24,000.00	\$ 956,635.22	\$ 10,200.00	\$ 595,706.34
29	53	\$ -	\$ 24,000.00	\$ 1,004,551.10	\$ 10,200.00	\$ 635,691.66
30	54	\$ -	\$ 24,000.00	\$ 1,053,664.88	\$ 10,200.00	\$ 677,676.24
31	55	\$ -	\$ 24,000.00	\$ 1,104,006.50	\$ 10,200.00	\$ 721,760.06
32	56	\$ -	\$ 24,000.00	\$ 1,155,606.66	\$ 10,200.00	\$ 768,048.06
33	57	\$ -	\$ 24,000.00	\$ 1,208,496.83	\$ 10,200.00	\$ 816,650.46
34	58	\$ -	\$ 24,000.00	\$ 1,262,709.25	\$ 10,200.00	\$ 867,682.99
35	59	\$ -	\$ 24,000.00	\$ 1,318,276.98	\$ 10,200.00	\$ 921,267.13
36	60	\$ -	\$ 24,000.00	\$ 1,375,233.90	\$ 10,200.00	\$ 977,530.49
37	61	\$ -	\$ 24,000.00	\$ 1,433,614.75	\$ 10,200.00	\$ 1,036,607.02
38	62	\$ -	\$ 24,000.00	\$ 1,493,455.12	\$ 10,200.00	\$ 1,098,637.37
39	63	\$ -	\$ 24,000.00	\$ 1,554,791.50	\$ 10,200.00	\$ 1,163,769.24
40	64	\$ -	\$ 24,000.00	\$ 1,617,661.28	\$ 10,200.00	\$ 1,232,157.70
41	65	\$ 86,000.00	\$ -	\$ 1,572,102.82	\$ -	\$ 1,207,765.58
42	66	\$ 86,000.00	\$ -	\$ 1,525,405.39	\$ -	\$ 1,182,153.86
43	67	\$ 86,000.00	\$ -	\$ 1,477,540.52	\$ -	\$ 1,155,261.55
44	68	\$ 86,000.00	\$ -	\$ 1,428,479.04	\$ -	\$ 1,127,024.63
45	69	\$ 86,000.00	\$ -	\$ 1,378,191.01	\$ -	\$ 1,097,375.86
46	70	\$ 86,000.00	\$ -	\$ 1,326,645.79	\$ -	\$ 1,066,244.66
47	71	\$ 86,000.00	\$ -	\$ 1,273,811.93	\$ -	\$ 1,033,556.89
48	72	\$ 86,000.00	\$ -	\$ 1,219,657.23	\$ -	\$ 999,234.73
49	73	\$ 86,000.00	\$ -	\$ 1,164,148.66	\$ -	\$ 963,196.47
50	74	\$ 86,000.00	\$ -	\$ 1,107,252.38	\$ -	\$ 925,356.29
51	75	\$ 86,000.00	\$ -	\$ 1,048,933.69	\$ -	\$ 885,624.11
52	76	\$ 86,000.00	\$ -	\$ 989,157.03	\$ -	\$ 843,905.31
53	77	\$ 86,000.00	\$ -	\$ 927,885.95	\$ -	\$ 800,100.58
54	78	\$ 86,000.00	\$ -	\$ 865,083.10	\$ -	\$ 754,105.61
55	79	\$ 86,000.00	\$ -	\$ 800,710.18	\$ -	\$ 705,810.89
56	80	\$ 86,000.00	\$ -	\$ 734,727.93	\$ -	\$ 655,101.43
57	81	\$ 86,000.00	\$ -	\$ 667,096.13	\$ -	\$ 601,856.51
58	82	\$ 86,000.00	\$ -	\$ 597,773.54	\$ -	\$ 545,949.33
59	83	\$ 86,000.00	\$ -	\$ 526,717.87	\$ -	\$ 487,246.80
60	84	\$ 86,000.00	\$ -	\$ 453,885.82	\$ -	\$ 425,609.14
61	85	\$ 86,000.00	\$ -	\$ 379,232.97	\$ -	\$ 360,889.59
62	86	\$ 86,000.00	\$ -	\$ 302,713.79	\$ -	\$ 292,934.07
63	87	\$ 86,000.00	\$ -	\$ 224,281.64	\$ -	\$ 221,580.78
64	88	\$ 86,000.00	\$ -	\$ 143,888.68	\$ -	\$ 146,659.82
65	89	\$ 86,000.00	\$ -	\$ 61,485.89	\$ -	\$ 67,992.81
66	90	\$ 86,000.00	\$ -	\$ 22,976.96	\$ -	\$ 14,607.55

NOTES:

1. Assume that 30% of gross income goes towards taxes. In order to take \$60,000/year, \$86,000 must be withdrawn.
2. You save up at age 25 and start your investment account at the end of age 25. No interest has accumulated yet.
3. Total saved over 40 years (age 25 to 64): 2.5% case = \$960,000. 5.0% case = \$408,000.
4. Retire at age 65 and start withdrawing to receive \$60,000 after taxes.
5. Retirement amount available at age 65: 2.5% case = \$1,572,102. 5.0% case = \$1,207,765.
6. By age 90, there will be no money left.