

## Compound Interest

Values for  $(1 + i)^n$  for 3.5% Compounded Daily

Values of $(1 + i)^n$ for $3\frac{1}{2}\%$ Compounded Daily									
Number of Days $n$	Value of $(1 + i)^n$	$n$	Value of $(1 + i)^n$	$n$	Value of $(1 + i)^n$	$n$	Value of $(1 + i)^n$	$n$	Value of $(1 + i)^n$
1	1.000095890	19	1.001823491	37	1.003554076	55	1.005287650	73	1.007024219
2	1.000191790	20	1.001919556	38	1.003650307	56	1.005384048	74	1.007120783
3	1.000287699	21	1.002015631	39	1.003746548	57	1.005480454	75	1.007217357
4	1.000383617	22	1.002111714	40	1.003842797	58	1.005576870	76	1.007313939
5	1.000479544	23	1.002207807	41	1.003939056	59	1.005673296	77	1.007410531
6	1.000575480	24	1.002303909	42	1.004035324	60	1.005769730	78	1.007507132
7	1.000671426	25	1.002400021	43	1.004131602	61	1.005866174	79	1.007603742
8	1.000767381	26	1.002496141	44	1.004227888	62	1.005962627	80	1.007700362
9	1.000863345	27	1.002592271	45	1.004324184	63	1.006059089	81	1.007796990
10	1.000959318	28	1.002688410	46	1.004420489	64	1.006155560	82	1.007893628
11	1.001055300	29	1.002784558	47	1.004516803	65	1.006252041	83	1.007990276
12	1.001151292	30	1.002880716	48	1.004613127	66	1.006348531	84	1.008086932
13	1.001247293	31	1.002976882	49	1.004709460	67	1.006445030	85	1.008183598
14	1.001343303	32	1.003073058	50	1.004805802	68	1.006541538	86	1.008280273
15	1.001439322	33	1.003169243	51	1.004902153	69	1.006638056	87	1.008376958
16	1.001535350	34	1.003265438	52	1.004998513	70	1.006734583	88	1.008473651
17	1.001631388	35	1.003361641	53	1.005094883	71	1.006831119	89	1.008570354
18	1.001727435	36	1.003457854	54	1.005191262	72	1.006927665	90	1.008667067

*Note:* The value of  $(1 + i)^n$  for  $3\frac{1}{2}\%$  compounded daily for a quarter with 91 days is 1.008763788 and for a quarter with 92 days is 1.008860519.

Values for  $(1 + i)^n$  for Various Rates ( $R$ ) and Longer Times ( $T$ ), Compounded Daily  
(used for time deposits and CDs)

Compound Interest for Time Deposit Accounts Compounded Daily						
Number of Years	1%	2%	3%	4%	5%	Number of Years
1	1.01005003	1.02020078	1.03045326	1.04080849	1.05126750	1
2	1.02020106	1.04080963	1.06183393	1.08328232	1.10516335	2
3	1.03045411	1.06183480	1.09417024	1.12748944	1.16182231	3
4	1.04081020	1.08328469	1.12749129	1.17350058	1.22138603	4
5	1.05127038	1.10516789	1.16182708	1.22138937	1.28400343	5
10	1.10516940	1.22139607	1.34984217	1.49179200	1.64866481	10

*Note:* This compound interest table assumes daily compounding. The compound interest table on page 377 of Section 10.1 *does not*.