

**TABLE 11-1** Compound Interest Table (Future Value of \$1 at Compound Interest)

Periods	$\frac{1}{2}\%$	1%	$1\frac{1}{2}\%$	2%	3%	4%	5%	6%	7%	8%	Periods
1	1.00500	1.01000	1.01500	1.02000	1.03000	1.04000	1.05000	1.06000	1.07000	1.08000	1
2	1.01003	1.02010	1.03023	1.04040	1.06090	1.08160	1.10250	1.12360	1.14490	1.16640	2
3	1.01508	1.03030	1.04568	1.06121	1.09273	1.12486	1.15763	1.19102	1.22504	1.25971	3
4	1.02015	1.04060	1.06136	1.08243	1.12551	1.16986	1.21551	1.26248	1.31080	1.36049	4
5	1.02525	1.05101	1.07728	1.10408	1.15927	1.21665	1.27628	1.33823	1.40255	1.46933	5
6	1.03038	1.06152	1.09344	1.12616	1.19405	1.26532	1.34010	1.41852	1.50073	1.58687	6
7	1.03553	1.07214	1.10984	1.14869	1.22987	1.31593	1.40710	1.50363	1.60578	1.71382	7
8	1.04071	1.08286	1.12649	1.17166	1.26677	1.36857	1.47746	1.59385	1.71819	1.85093	8
9	1.04591	1.09369	1.14339	1.19509	1.30477	1.42331	1.55133	1.68948	1.83846	1.99900	9
10	1.05114	1.10462	1.16054	1.21899	1.34392	1.48024	1.62889	1.79085	1.96715	2.15892	10
11	1.05640	1.11567	1.17795	1.24337	1.38423	1.53945	1.71034	1.89830	2.10485	2.33164	11
12	1.06168	1.12683	1.19562	1.26824	1.42576	1.60103	1.79586	2.01220	2.25219	2.51817	12
13	1.06699	1.13809	1.21355	1.29361	1.46853	1.66507	1.88565	2.13293	2.40985	2.71962	13
14	1.07232	1.14947	1.23176	1.31948	1.51259	1.73168	1.97993	2.26090	2.57853	2.93719	14
15	1.07768	1.16097	1.25023	1.34587	1.55797	1.80094	2.07893	2.39656	2.75903	3.17217	15
16	1.08307	1.17258	1.26899	1.37279	1.60471	1.87298	2.18287	2.54035	2.95216	3.42594	16
17	1.08849	1.18430	1.28802	1.40024	1.65285	1.94790	2.29202	2.69277	3.15882	3.70002	17
18	1.09393	1.19615	1.30734	1.42825	1.70243	2.02582	2.40662	2.85434	3.37993	3.99602	18
19	1.09940	1.20811	1.32695	1.45681	1.75351	2.10685	2.52695	3.02560	3.61653	4.31570	19
20	1.10490	1.22019	1.34686	1.48595	1.80611	2.19112	2.65330	3.20714	3.86968	4.66096	20
21	1.11042	1.23239	1.36706	1.51567	1.86029	2.27877	2.78596	3.39956	4.14056	5.03383	21
22	1.11597	1.24472	1.38756	1.54598	1.91610	2.36992	2.92526	3.60354	4.43040	5.43654	22
23	1.12155	1.25716	1.40838	1.57690	1.97359	2.46472	3.07152	3.81975	4.74053	5.87146	23
24	1.12716	1.26973	1.42950	1.60844	2.03279	2.56330	3.22510	4.04893	5.07237	6.34118	24
25	1.13280	1.28243	1.45095	1.64061	2.09378	2.66584	3.38635	4.29187	5.42743	6.84848	25
Periods	9%	10%	11%	12%	13%	14%	15%	16%	17%	18%	Periods
1	1.09000	1.10000	1.11000	1.12000	1.13000	1.14000	1.15000	1.16000	1.17000	1.18000	1
2	1.18810	1.21000	1.23210	1.25440	1.27690	1.29960	1.32250	1.34560	1.36890	1.39240	2
3	1.29503	1.33100	1.36763	1.40493	1.44290	1.48154	1.52088	1.56090	1.60161	1.64303	3
4	1.41158	1.46410	1.51807	1.57352	1.63047	1.68896	1.74901	1.81064	1.87389	1.93878	4
5	1.53862	1.61051	1.68506	1.76234	1.84244	1.92541	2.01136	2.10034	2.19245	2.28776	5
6	1.67710	1.77156	1.87041	1.97382	2.08195	2.19497	2.31306	2.43640	2.56516	2.69955	6
7	1.82804	1.94872	2.07616	2.21068	2.35261	2.50227	2.66002	2.82622	3.00124	3.18547	7
8	1.99256	2.14359	2.30454	2.47596	2.65844	2.85259	3.05902	3.27841	3.51145	3.75886	8
9	2.17189	2.35795	2.55804	2.77308	3.00404	3.25195	3.51788	3.80296	4.10840	4.43545	9
10	2.36736	2.59374	2.83942	3.10585	3.39457	3.70722	4.04556	4.41144	4.80683	5.23384	10
11	2.58043	2.85312	3.15176	3.47855	3.83586	4.22623	4.65239	5.11726	5.62399	6.17593	11
12	2.81266	3.13843	3.49845	3.89598	4.33452	4.81790	5.35025	5.93603	6.58007	7.28759	12
13	3.06580	3.45227	3.88328	4.36349	4.89801	5.49241	6.15279	6.88579	7.69868	8.59936	13
14	3.34173	3.79750	4.31044	4.88711	5.53475	6.26135	7.07571	7.98752	9.00745	10.14724	14
15	3.64248	4.17725	4.78459	5.47357	6.25427	7.13794	8.13706	9.26552	10.53872	11.97375	15
16	3.97031	4.59497	5.31089	6.13039	7.06733	8.13725	9.35762	10.74800	12.33030	14.12902	16
17	4.32763	5.05447	5.89509	6.86604	7.98608	9.27646	10.76126	12.46768	14.42646	16.67225	17
18	4.71712	5.55992	6.54355	7.68997	9.02427	10.57517	12.37545	14.46251	16.87895	19.67325	18
19	5.14166	6.11591	7.26334	8.61276	10.19742	12.05569	14.23177	16.77652	19.74838	23.21444	19
20	5.60441	6.72750	8.06231	9.64629	11.52309	13.74349	16.36654	19.46076	23.10560	27.39303	20
21	6.10881	7.40025	8.94917	10.80385	13.02109	15.66758	18.82152	22.57448	27.03355	32.32378	21
22	6.65860	8.14027	9.93357	12.10031	14.71383	17.86104	21.64475	26.18640	31.62925	38.14206	22
23	7.25787	8.95430	11.02627	13.55235	16.62663	20.36158	24.89146	30.37622	37.00623	45.00763	23
24	7.91108	9.84973	12.23916	15.17863	18.78809	23.21221	28.62518	35.23642	43.29729	53.10901	24
25	8.62308	10.83471	13.58546	17.00006	21.23054	26.46192	32.91895	40.87424	50.65783	62.66863	25

The values in Table 11-1 were generated by the formula  $FV = (1 + i)^n$  rounded to five decimal places, where  $i$  is the interest rate per period and  $n$  is the total number of periods.