

Present Value of Ordinary Annuity of \$1 per Period

Periods	4.0%	4.5%	5%	5.5%	6%	6.5%	7%	8%	9%	10%	11%	12%	13%	14%
1	0.96154	0.95694	0.95238	0.94787	0.94340	0.93897	0.93458	0.92593	0.91743	0.90909	0.90090	0.89286	0.88496	0.87719
2	1.88609	1.87267	1.85941	1.84632	1.83339	1.82063	1.80802	1.78326	1.75911	1.73554	1.71252	1.69005	1.66810	1.64666
3	2.77509	2.74896	2.72325	2.69793	2.67301	2.64848	2.62432	2.57710	2.53129	2.48685	2.44371	2.40183	2.36115	2.32163
4	3.62990	3.58753	3.54595	3.50515	3.46511	3.42580	3.38721	3.31213	3.23972	3.16987	3.10245	3.03735	2.97447	2.91371
5	4.45182	4.38998	4.32948	4.27028	4.21236	4.15568	4.10020	3.99271	3.88965	3.79079	3.69590	3.60478	3.51723	3.43308
6	5.24214	5.15787	5.07569	4.99553	4.91732	4.84101	4.76654	4.62288	4.48592	4.35526	4.23054	4.11141	3.99755	3.88867
7	6.00205	5.89270	5.78637	5.68297	5.58238	5.48452	5.38929	5.20637	5.03295	4.86842	4.71220	4.56376	4.42261	4.28830
8	6.73274	6.59589	6.46321	6.33457	6.20979	6.08875	5.97130	5.74664	5.53482	5.33493	5.14612	4.96764	4.79677	4.63886
9	7.43533	7.26879	7.10782	6.95220	6.80169	6.65610	6.51523	6.24689	5.99525	5.75902	5.53705	5.32825	5.13166	4.94637
10	8.11090	7.91272	7.72173	7.53763	7.36009	7.18883	7.02358	6.71008	6.41766	6.14457	5.88923	5.65022	5.42624	5.21612
11	8.76048	8.52892	8.30641	8.09254	7.88687	7.68904	7.49867	7.13896	6.80519	6.49506	6.20652	5.93770	5.68694	5.45273
12	9.38507	9.11858	8.86325	8.61852	8.38384	8.15873	7.94269	7.53608	7.16073	6.81369	6.49236	6.19437	5.91765	5.66029
13	9.98565	9.68285	9.39357	9.11708	8.85268	8.59974	8.35765	7.90378	7.48690	7.10336	6.74987	6.42355	6.12181	5.84236
14	10.56312	10.22283	9.89864	9.58965	9.29498	9.01384	8.74547	8.22424	7.78615	7.36669	6.96187	6.62817	6.30249	6.00207
15	11.11839	10.73955	10.37966	10.03758	9.71225	9.40267	9.10791	8.55948	8.06069	7.60608	7.19087	6.81086	6.46238	6.14217
16	11.65230	11.23402	10.83777	10.46216	10.10590	9.76776	9.44665	8.85137	8.31256	7.82371	7.37916	6.97399	6.60388	6.26506
17	12.16567	11.70719	11.27407	10.86461	10.47726	10.11058	9.76322	9.12164	8.54363	8.02155	7.54879	7.11963	6.72909	6.37286
18	12.65930	12.15999	11.68959	11.24607	10.82760	10.43247	10.05909	9.37189	8.75563	8.20141	7.70162	7.24967	6.83991	6.46742
19	13.13394	12.59329	12.08532	11.60765	11.15812	10.73471	10.33560	9.60360	8.95011	8.36492	7.83929	7.36578	6.93797	6.55037
20	13.59033	13.00794	12.46221	11.95038	11.46992	11.01851	10.59401	9.81815	9.12855	8.51356	7.96333	7.46944	7.02475	6.62313
21	14.02916	13.40472	12.82115	12.27524	11.76408	11.28498	10.83553	10.01680	9.29224	8.64869	8.07507	7.56200	7.10155	6.68696
22	14.45112	13.78442	13.16300	12.58317	12.04158	11.53520	11.06124	10.20074	9.44243	8.77154	8.17574	7.64465	7.16951	6.74294
23	14.85684	14.14777	13.48857	12.87504	12.30338	11.77014	11.27219	10.37106	9.58021	8.88322	8.26643	7.71843	7.22966	6.79206
24	15.24696	14.49548	13.79864	13.15170	12.55036	11.99074	11.46933	10.52876	9.70661	8.98474	8.34814	7.78432	7.28288	6.83514
25	15.62208	14.82821	14.09394	13.41393	12.78336	12.19788	11.65358	10.67478	9.82258	9.07704	8.42174	7.84314	7.32998	6.87293
26	15.98277	15.14661	14.37519	13.66250	13.00317	12.39237	11.82578	10.80998	9.92897	9.16095	8.48806	7.89566	7.37167	6.90608
27	16.32959	15.45130	14.64303	13.89810	13.21053	12.57500	11.98671	10.93516	10.02658	9.23722	8.54780	7.94255	7.40856	6.93515
28	16.66306	15.74287	14.89813	14.12142	13.40616	12.74648	12.13711	11.05108	10.11613	9.30657	8.60162	7.98442	7.44120	6.96066
29	16.98371	16.02189	15.14107	14.33310	13.59072	12.90749	12.27767	11.15841	10.19828	9.36961	8.65011	8.02181	7.47009	6.98304
30	17.29203	16.28889	15.37245	14.53375	13.76483	13.05868	12.40904	11.25778	10.27365	9.42691	8.69379	8.05518	7.49565	7.00266
31	17.58849	16.54439	15.59281	14.72393	13.92909	13.20063	12.53181	11.34980	10.34280	9.47901	8.73315	8.08499	7.51828	7.01988
32	17.87355	16.78889	15.80268	14.90420	14.08404	13.33393	12.64656	11.43500	10.40624	9.52638	8.76860	8.11159	7.53830	7.03498
33	18.14765	17.02286	16.00255	15.07507	14.23023	13.45909	12.75379	11.51389	10.46444	9.56943	8.80054	8.13535	7.55602	7.04823
34	18.41120	17.24676	16.19290	15.23703	14.36814	13.57661	12.85401	11.58693	10.51784	9.60857	8.82932	8.15656	7.57170	7.05985
35	18.66461	17.46101	16.37419	15.39055	14.49825	13.68696	12.94767	11.65457	10.56682	9.64416	8.85524	8.17550	7.58557	7.07005
40	19.79277	18.40158	17.15909	16.04612	15.04630	14.14553	13.33171	11.92461	10.75736	9.77905	8.95105	8.24378	7.63438	7.10504
45	20.72004	19.15635	17.77407	16.54773	15.45583	14.48023	13.60552	12.10840	10.88120	9.86281	9.00791	8.28252	7.66086	7.12322
50	21.48218	19.76201	18.25593	16.93152	15.76186	14.72452	13.80075	12.23348	10.96168	9.91481	9.04165	8.30450	7.67524	7.13266