

Future to Present Value (P/F)

Years	4%	6%	8%	10%	12%	14%	16%	18%	20%
1	0.9615	0.9434	0.9259	0.9091	0.8929	0.8772	0.8621	0.8475	0.8333
2	0.9246	0.8900	0.8573	0.8264	0.7972	0.7695	0.7432	0.7182	0.6944
3	0.8890	0.8396	0.7938	0.7513	0.7118	0.6750	0.6407	0.6086	0.5787
4	0.8548	0.7921	0.7350	0.6830	0.6355	0.5921	0.5523	0.5158	0.4823
5	0.8219	0.7473	0.6806	0.6209	0.5674	0.5194	0.4761	0.4371	0.4019
6	0.7903	0.7050	0.6302	0.5645	0.5066	0.4556	0.4104	0.3704	0.3349
7	0.7599	0.6651	0.5835	0.5132	0.4523	0.3996	0.3538	0.3139	0.2791
8	0.7307	0.6274	0.5403	0.4665	0.4039	0.3506	0.3050	0.2660	0.2326
9	0.7026	0.5919	0.5002	0.4241	0.3606	0.3075	0.2630	0.2255	0.1938
10	0.6756	0.5584	0.4632	0.3855	0.3220	0.2697	0.2267	0.1911	0.1615
11	0.6496	0.5268	0.4289	0.3505	0.2875	0.2366	0.1954	0.1619	0.1346
12	0.6246	0.4970	0.3971	0.3186	0.2567	0.2076	0.1685	0.1372	0.1122
13	0.6006	0.4688	0.3677	0.2897	0.2292	0.1821	0.1452	0.1163	0.0935
14	0.5775	0.4423	0.3405	0.2633	0.2046	0.1597	0.1252	0.0985	0.0779
15	0.5553	0.4173	0.3152	0.2394	0.1827	0.1401	0.1079	0.0835	0.0649
16	0.5339	0.3936	0.2919	0.2176	0.1631	0.1229	0.0930	0.0708	0.0541
17	0.5134	0.3714	0.2703	0.1978	0.1456	0.1078	0.0802	0.0600	0.0451
18	0.4936	0.3503	0.2502	0.1799	0.1300	0.0946	0.0691	0.0508	0.0376
19	0.4746	0.3305	0.2317	0.1635	0.1161	0.0829	0.0596	0.0431	0.0313
20	0.4564	0.3118	0.2145	0.1486	0.1037	0.0728	0.0514	0.0365	0.0261
21	0.4388	0.2942	0.1987	0.1351	0.0926	0.0638	0.0443	0.0309	0.0217
22	0.4220	0.2775	0.1839	0.1228	0.0826	0.0560	0.0382	0.0262	0.0181
23	0.4057	0.2618	0.1703	0.1117	0.0738	0.0491	0.0329	0.0222	0.0151
24	0.3901	0.2470	0.1577	0.1015	0.0659	0.0431	0.0284	0.0188	0.0126
25	0.3751	0.2330	0.1460	0.0923	0.0588	0.0378	0.0245	0.0160	0.0105

Annual to Present (P/A)

Years	4%	6%	8%	10%	12%	14%	16%	18%	20%
1	0.9615	0.9434	0.9259	0.9091	0.8929	0.8772	0.8621	0.8475	0.8333
2	1.8861	1.8334	1.7833	1.7355	1.6901	1.6467	1.6052	1.5656	1.5278
3	2.7751	2.6730	2.5771	2.4869	2.4018	2.3216	2.2459	2.1743	2.1065
4	3.6299	3.4651	3.3121	3.1699	3.0373	2.9137	2.7982	2.6901	2.5887
5	4.4518	4.2124	3.9927	3.7908	3.6048	3.4331	3.2743	3.1272	2.9906
6	5.2421	4.9173	4.6229	4.3553	4.1114	3.8887	3.6847	3.4976	3.3255
7	6.0021	5.5824	5.2064	4.8684	4.5638	4.2883	4.0386	3.8115	3.6046
8	6.7327	6.2098	5.7466	5.3349	4.9676	4.6389	4.3436	4.0776	3.8372
9	7.4353	6.8017	6.2469	5.7590	5.3282	4.9464	4.6065	4.3030	4.0310
10	8.1109	7.3601	6.7101	6.1446	5.6502	5.2161	4.8332	4.4941	4.1925
11	8.7605	7.8869	7.1390	6.4951	5.9377	5.4527	5.0286	4.6560	4.3271
12	9.3851	8.3838	7.5361	6.8137	6.1944	5.6603	5.1971	4.7932	4.4392
13	9.9856	8.8527	7.9038	7.1034	6.4235	5.8424	5.3423	4.9095	4.5327
14	10.5631	9.2950	8.2442	7.3667	6.6282	6.0021	5.4675	5.0081	4.6106
15	11.1184	9.7122	8.5595	7.6061	6.8109	6.1422	5.5755	5.0916	4.6755
16	11.6523	10.1059	8.8514	7.8237	6.9740	6.2651	5.6685	5.1624	4.7296
17	12.1657	10.4773	9.1216	8.0216	7.1196	6.3729	5.7487	5.2223	4.7746
18	12.6593	10.8276	9.3719	8.2014	7.2497	6.4674	5.8178	5.2732	4.8122
19	13.1339	11.1581	9.6036	8.3649	7.3658	6.5504	5.8775	5.3162	4.8435
20	13.5903	11.4699	9.8181	8.5136	7.4694	6.6231	5.9288	5.3527	4.8696
21	14.0292	11.7641	10.0168	8.6487	7.5620	6.6870	5.9731	5.3837	4.8913
22	14.4511	12.0416	10.2007	8.7715	7.6446	6.7429	6.0113	5.4099	4.9094
23	14.8568	12.3034	10.3711	8.8832	7.7184	6.7921	6.0442	5.4321	4.9245
24	15.2470	12.5504	10.5288	8.9847	7.7843	6.8351	6.0726	5.4509	4.9371
25	15.6221	12.7834	10.6748	9.0770	7.8431	6.8729	6.0971	5.4669	4.9476