

ΠΙΝΑΚΕΣ ΠΡΟΕΞΟΦΛΗΣΗΣ ΚΑΙ ΑΝΑΤΟΚΙΣΜΟΥ

Πίνακας 1. Συντελεστής προεξόφλησης για ένα μελλοντικό ποσό

που εισπράττεται μετά από n περιόδους : $\Sigma\P = \frac{1}{(1+i)^n}$

n	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%
1	.990	.980	.971	.962	.952	.943	.935	.926	.917	.909	.901	.893	.885
2	.980	.961	.943	.925	.907	.890	.873	.857	.842	.826	.812	.797	.783
3	.971	.942	.915	.889	.864	.840	.816	.794	.772	.751	.731	.712	.693
4	.961	.924	.888	.855	.823	.792	.763	.735	.708	.683	.659	.636	.613
5	.951	.906	.863	.822	.784	.747	.713	.681	.650	.621	.593	.567	.543
6	.942	.888	.837	.790	.746	.705	.666	.630	.596	.564	.535	.507	.480
7	.933	.871	.813	.760	.711	.665	.623	.583	.547	.513	.482	.452	.425
8	.923	.853	.789	.731	.677	.627	.582	.540	.502	.467	.434	.404	.376
9	.914	.837	.766	.703	.645	.592	.544	.500	.460	.424	.391	.361	.333
10	.905	.820	.744	.676	.614	.558	.508	.463	.422	.386	.352	.322	.295
11	.896	.804	.722	.650	.585	.527	.475	.429	.388	.350	.317	.287	.261
12	.887	.789	.701	.625	.557	.497	.444	.397	.356	.319	.286	.257	.231
13	.879	.773	.681	.601	.530	.469	.415	.368	.326	.290	.258	.229	.204
14	.870	.758	.661	.577	.505	.442	.388	.340	.299	.263	.232	.205	.181
15	.861	.743	.642	.555	.481	.417	.362	.315	.275	.239	.209	.183	.160
16	.853	.728	.623	.534	.458	.394	.339	.292	.252	.218	.188	.163	.141
17	.844	.714	.605	.513	.436	.371	.317	.270	.231	.198	.170	.146	.125
18	.836	.700	.587	.494	.416	.350	.296	.250	.212	.180	.153	.130	.111
19	.828	.686	.570	.475	.396	.331	.277	.232	.194	.164	.138	.116	.098
20	.820	.673	.554	.456	.377	.312	.258	.215	.178	.149	.124	.104	.087
21	.811	.660	.538	.439	.359	.294	.242	.199	.164	.135	.112	.093	.077
22	.803	.647	.522	.422	.342	.278	.226	.184	.150	.123	.101	.083	.068
23	.795	.634	.507	.406	.326	.262	.211	.170	.138	.112	.091	.074	.060
24	.788	.622	.492	.390	.310	.247	.197	.158	.126	.102	.082	.066	.053
25	.780	.610	.478	.375	.295	.233	.184	.146	.116	.092	.074	.059	.047
30	.742	.552	.412	.308	.231	.174	.131	.099	.075	.057	.044	.033	.026
35	.706	.500	.355	.253	.181	.130	.094	.068	.049	.036	.026	.019	.014
40	.672	.453	.307	.208	.142	.097	.067	.046	.032	.022	.015	.011	.008
45	.639	.410	.264	.171	.111	.073	.048	.031	.021	.014	.009	.006	.004
50	.608	.372	.228	.141	.087	.054	.034	.021	.013	.009	.005	.003	.002

Πίνακας 1. Συντελεστής προεξόφλησης για ένα μελλοντικό ποσό

που εισπράττεται μετά από n περιόδους : $\Sigma\P = \frac{1}{(1+i)^n}$

n	14%	15%	16%	17%	18%	19%	20%	25%	30%	35%
1	.877	.870	.862	.855	.847	.840	.833	.800	.769	.741
2	.769	.756	.743	.731	.718	.706	.694	.640	.592	.549
3	.675	.658	.641	.624	.609	.593	.579	.512	.455	.406
4	.592	.572	.552	.534	.516	.499	.482	.410	.350	.301
5	.519	.497	.476	.456	.437	.419	.402	.328	.269	.223
6	.456	.432	.410	.390	.370	.352	.335	.262	.207	.165
7	.400	.376	.354	.333	.314	.296	.279	.210	.159	.122
8	.351	.327	.305	.285	.266	.249	.233	.168	.123	.091
9	.308	.284	.263	.243	.225	.209	.194	.134	.094	.067
10	.270	.247	.227	.208	.191	.176	.162	.107	.073	.050
11	.237	.215	.195	.178	.162	.148	.135	.186	.056	.037
12	.208	.187	.168	.152	.137	.124	.112	.069	.043	.027
13	.182	.163	.145	.130	.116	.104	.093	.055	.033	.020
14	.160	.141	.125	.111	.099	.088	.078	.044	.025	.015
15	.140	.123	.108	.095	.084	.074	.065	.035	.020	.011
16	.123	.107	.093	.081	.071	.062	.054	.028	.015	.008
17	.108	.093	.080	.069	.060	.052	.045	.023	.012	.006
18	.095	.081	.069	.059	.051	.044	.038	.018	.009	.005
19	.083	.070	.060	.051	.043	.037	.031	.014	.007	.003
20	.073	.061	.051	.043	.037	.031	.026	.012	.005	.002
21	.064	.053	.044	.037	.031	.026	.022	.009	.004	.002
22	.056	.046	.038	.032	.026	.022	.018	.007	.003	.001
23	.049	.040	.033	.027	.022	.018	.015	.006	.002	.001
24	.043	.035	.028	.023	.019	.015	.013	.005	.002	.001
25	.038	.030	.024	.020	.016	.013	.010	.004	.001	.001
30	.020	.015	.012	.009	.007	.005	.004	.001	*	*
35	.010	.008	.006	.004	.003	.002	.002	*	*	*
40	.005	.004	.003	.002	.001	.001	.001	*	*	*
45	.003	.002	.001	.001	.001	*	*	*	*	*
50	.001	.001	.001	*	*	*	*	*	*	*

Πίνακας 2. Συντελεστής προεξόφλησης για ένα ποσό που εισπράττεται στο τέλος κάθε περιόδου για n περιόδους:

$$\Sigma \Pi P = \left[\frac{1 - (1+i)^{-n}}{i} \right]$$

n	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%
1	.990	.980	.971	.962	.952	.943	.935	.926	.917	.909	.901	.893
2	1.970	1.942	1.913	1.886	1.859	1.833	1.808	1.783	1.759	1.736	1.713	1.690
3	2.941	2.884	2.829	2.775	2.723	2.673	2.624	2.577	2.531	2.487	2.444	2.402
4	3.902	3.808	3.717	3.630	3.546	3.465	3.387	3.312	3.240	3.170	3.102	3.037
5	4.853	4.713	4.580	4.452	4.329	4.212	4.100	3.993	3.890	3.791	3.696	3.605
6	5.795	5.601	5.417	5.242	5.076	4.917	4.767	4.623	4.486	4.355	4.231	4.111
7	6.728	6.472	6.230	6.002	5.786	5.582	5.389	5.206	5.033	4.868	4.712	4.564
8	7.652	7.326	7.020	6.733	6.463	6.210	5.971	5.747	5.535	5.335	5.146	4.968
9	8.566	8.162	7.786	7.435	7.108	6.802	6.515	6.247	5.995	5.759	5.537	5.328
10	9.471	8.983	8.530	8.111	7.722	7.360	7.024	6.710	6.418	6.145	5.889	5.650
11	10.368	9.787	9.253	8.760	8.306	7.887	7.499	7.139	6.805	6.495	6.207	5.938
12	11.255	10.575	9.954	9.385	8.863	8.384	7.943	7.536	7.161	6.814	6.492	6.194
13	12.134	11.348	10.635	9.986	9.394	8.853	8.358	7.904	7.487	7.013	6.750	6.424
14	13.004	12.106	11.296	10.563	9.899	9.295	8.745	8.244	7.786	7.367	6.982	6.628
15	13.865	12.849	11.938	11.118	10.380	9.712	9.108	8.560	8.061	7.606	7.191	6.811
16	14.718	13.578	12.561	11.652	10.838	10.106	9.447	8.851	8.313	7.824	7.379	6.974
17	15.562	14.292	13.166	12.166	11.274	10.477	9.763	9.122	8.544	8.022	7.549	7.120
18	16.398	14.992	13.754	12.659	11.690	10.828	10.059	9.372	8.756	8.201	7.702	7.250
19	17.226	15.679	14.324	13.134	12.085	11.158	10.336	9.604	8.950	8.365	7.839	7.366
20	18.046	16.352	14.878	13.590	12.462	11.470	10.594	9.818	9.129	8.514	7.963	7.469
21	18.857	17.011	15.415	14.029	12.821	11.764	10.836	10.017	9.292	8.649	8.075	7.562
22	19.661	17.658	15.937	14.451	13.163	12.042	11.061	10.201	9.442	8.772	8.176	7.645
23	20.456	18.292	16.444	14.857	13.489	12.303	11.272	10.371	9.580	8.883	8.266	7.718
24	21.244	18.914	16.936	15.247	13.799	12.550	11.469	10.529	9.707	8.985	8.348	7.784
25	22.023	19.524	17.413	15.622	14.094	12.783	11.654	10.675	9.823	9.077	8.422	7.843
30	25.808	22.396	19.601	17.292	15.373	13.765	12.409	11.258	10.274	9.427	8.694	8.055
35	29.409	24.999	21.487	18.665	16.374	14.498	12.948	11.655	10.567	9.644	8.855	8.176
40	32.835	27.356	23.115	19.793	17.159	15.046	13.332	11.925	10.757	9.779	8.951	8.244
45	36.095	29.490	24.519	20.720	17.774	15.456	13.606	12.108	10.881	9.863	9.008	8.283
50	39.196	31.424	25.730	21.482	18.256	15.762	13.801	12.233	10.962	9.915	9.042	8.304

Πίνακας 2. Συντελεστής προεξόφλησης για ένα ποσό που εισπράττεται στο **τέλος** κάθε περιόδου για n περιόδους:

$$\Sigma \Pi P = \left[\frac{1 - (1 + i)^{-n}}{i} \right]$$

n	13%	14%	15%	16%	17%	18%	19%	20%	25%	30%	35%
1	.885	.877	.870	.862	.855	.847	.840	.833	.800	.769	.741
2	1.668	1.647	1.626	1.605	1.585	1.566	1.547	1.528	1.440	1.361	1.289
3	2.361	2.322	2.283	2.246	2.210	2.174	2.140	2.106	1.952	1.816	1.696
4	2.974	2.914	2.855	2.798	2.743	2.690	2.639	2.589	2.362	2.166	1.997
5	3.517	3.433	3.352	3.274	3.199	3.127	3.058	2.991	2.689	2.436	2.220
6	3.998	3.889	3.784	3.685	3.589	3.498	3.410	3.326	2.951	2.643	2.385
7	4.423	4.288	4.160	4.039	3.922	3.812	3.706	3.605	3.161	2.802	2.508
8	4.799	4.639	4.487	4.344	4.207	4.078	3.954	3.837	3.329	2.925	2.598
9	5.132	4.946	4.772	4.607	4.451	4.303	4.163	4.031	3.463	3.019	2.665
10	5.426	5.216	5.019	4.833	4.659	4.494	4.339	4.192	3.570	3.092	2.715
11	5.687	5.453	5.234	5.029	4.836	4.656	4.486	4.327	3.656	3.147	2.752
12	5.918	5.660	5.421	5.197	4.988	4.793	4.611	4.439	3.725	3.190	2.779
13	6.122	5.842	5.583	5.342	5.118	4.910	4.715	4.533	3.780	3.223	2.799
14	6.302	6.002	5.724	5.468	5.229	5.008	4.802	4.611	3.824	3.249	2.814
15	6.462	6.142	5.847	5.575	5.324	5.092	4.876	4.675	3.859	3.268	2.825
16	6.604	6.265	5.954	5.668	5.405	5.162	4.938	4.730	3.887	3.283	2.834
17	6.729	6.373	6.047	5.749	5.475	5.222	4.990	4.775	3.910	3.295	2.840
18	6.840	6.467	6.128	5.818	5.534	5.273	5.033	4.812	3.928	3.304	2.844
19	6.938	6.550	6.198	5.877	5.584	5.316	5.070	4.843	3.942	3.311	2.848
20	7.025	6.623	6.259	5.929	5.628	5.353	5.101	4.870	3.954	3.316	2.850
21	7.102	6.687	6.312	5.973	5.665	5.384	5.127	4.891	3.963	3.320	2.852
22	7.170	6.743	6.359	6.011	5.696	5.410	5.149	4.909	3.970	3.323	2.853
23	7.230	6.792	6.399	6.044	5.723	5.432	5.167	4.925	3.976	3.325	2.854
24	7.283	6.835	6.434	6.073	5.746	5.451	5.182	4.937	3.981	3.327	2.855
25	7.330	6.873	6.464	6.097	5.766	5.467	5.195	4.948	3.985	3.329	2.856
30	7.496	7.003	6.566	6.177	5.829	5.517	5.235	4.979	3.995	3.332	2.857
35	7.586	7.070	6.617	6.215	5.858	5.539	5.251	4.992	3.998	3.333	2.857
40	7.634	7.105	6.642	6.233	5.871	5.548	5.258	4.997	3.999	3.333	2.857
45	7.661	7.123	6.654	6.242	5.877	5.552	5.261	4.999	4.000	3.333	2.857
50	7.675	7.133	6.661	6.246	5.880	5.554	5.262	4.999	4.000	3.333	2.857

Πίνακας 3. Συντελεστής ανατοκισμού για ένα ποσό που επενδύεται σήμερα για n περιόδους: $SA=(1+i)^n$

n	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
1	1.010	1.020	1.030	1.040	1.050	1.060	1.070	1.080	1.090	1.100
2	1.020	1.040	1.061	1.082	1.102	1.124	1.145	1.166	1.188	1.210
3	1.030	1.061	1.093	1.125	1.158	1.191	1.225	1.260	1.295	1.331
4	1.041	1.082	1.126	1.170	1.216	1.262	1.311	1.360	1.412	1.464
5	1.051	1.104	1.159	1.217	1.276	1.338	1.403	1.469	1.539	1.611
6	1.062	1.126	1.194	1.265	1.340	1.419	1.501	1.587	1.677	1.772
7	1.072	1.149	1.230	1.316	1.407	1.504	1.606	1.714	1.828	1.949
8	1.083	1.172	1.267	1.369	1.477	1.594	1.718	1.851	1.993	2.144
9	1.094	1.195	1.305	1.423	1.551	1.689	1.838	1.999	2.172	2.358
10	1.105	1.219	1.344	1.480	1.629	1.791	1.967	2.159	2.367	2.594
11	1.116	1.243	1.384	1.539	1.710	1.898	2.105	2.332	2.580	2.853
12	1.127	1.268	1.426	1.601	1.796	2.012	2.252	2.518	2.813	3.138
13	1.138	1.294	1.469	1.665	1.886	2.133	2.410	2.720	3.066	3.452
14	1.149	1.319	1.513	1.732	1.980	2.261	2.579	2.937	3.342	3.797
15	1.161	1.346	1.558	1.801	2.079	2.397	2.759	3.172	3.642	4.177
16	1.173	1.373	1.605	1.873	2.183	2.540	2.952	3.426	3.970	4.595
17	1.184	1.400	1.653	1.948	2.292	2.693	3.159	3.700	4.328	5.054
18	1.196	1.428	1.702	2.026	2.407	2.854	3.380	3.996	4.717	5.560
19	1.208	1.457	1.753	2.107	2.527	3.026	3.616	4.316	5.142	6.116
20	1.220	1.486	1.806	2.191	2.653	3.207	3.870	4.661	5.604	6.727
21	1.232	1.516	1.860	2.279	2.786	3.399	4.140	5.034	6.109	7.400
22	1.245	1.546	1.916	2.370	2.925	3.603	4.430	5.436	6.658	8.140
23	1.257	1.577	1.974	2.465	3.071	3.820	4.740	5.871	7.258	8.954
24	1.270	1.608	2.033	2.563	3.225	4.049	5.072	6.341	7.911	9.850
25	1.282	1.641	2.094	2.666	3.386	4.292	5.427	6.848	8.623	10.834
30	1.348	1.811	2.427	3.243	4.322	5.743	7.612	10.062	13.267	17.449
35	1.417	2.000	2.814	3.946	5.516	7.686	10.676	14.785	20.413	28.102
40	1.489	2.208	3.262	4.801	7.040	10.285	14.974	21.724	31.408	45.258
45	1.565	2.438	3.781	5.841	8.985	13.764	21.002	31.920	48.325	72.888
50	1.645	2.691	4.384	7.106	11.467	18.419	29.456	46.900	74.354	117.386

Πίνακας 3. Συντελεστής ανατοκισμού για ένα ποσό που επενδύεται σήμερα για n περιόδους: $SA=(1+i)^n$

n	11%	12%	13%	14%	15%	16%	20%	25%	30%	35%
1	1.110	1.120	1.130	1.140	1.150	1.160	1.200	1.250	1.300	1.350
2	1.232	1.254	1.277	1.300	1.322	1.346	1.440	1.562	1.690	1.822
3	1.368	1.405	1.443	1.482	1.521	1.561	1.728	1.953	2.197	2.460
4	1.518	1.574	1.630	1.689	1.749	1.811	2.074	2.441	2.856	3.321
5	1.685	1.762	1.842	1.925	2.011	2.100	2.488	3.052	3.713	4.484
6	1.870	1.974	2.082	2.195	2.313	2.436	2.986	3.815	4.827	6.053
7	2.076	2.211	2.353	2.502	2.660	2.826	3.583	4.768	6.275	8.172
8	2.305	2.476	2.658	2.853	3.059	3.278	4.300	5.960	8.157	11.032
9	2.558	2.773	3.004	3.252	3.518	3.803	5.160	7.451	10.604	14.894
10	2.839	3.106	3.395	3.707	4.046	4.411	6.192	9.313	13.786	20.106
11	3.152	3.479	3.836	4.226	4.652	5.117	7.430	11.642	17.921	27.144
12	3.498	3.896	4.334	4.818	5.350	5.936	8.916	14.552	23.298	36.644
13	3.883	4.363	4.898	5.492	6.153	6.886	10.699	18.190	30.287	49.469
14	4.310	4.887	5.535	6.261	7.076	7.987	12.839	22.737	39.373	66.784
15	4.785	5.474	6.254	7.138	8.137	9.265	15.407	28.422	51.185	90.158
16	5.311	6.130	7.067	8.137	9.358	10.748	18.488	35.527	66.541	121.713
17	5.895	6.866	7.986	9.276	10.761	12.468	22.186	44.409	86.503	164.312
18	6.543	7.690	9.024	10.575	12.375	14.462	26.623	55.511	112.454	221.822
19	7.263	8.613	10.197	12.055	14.232	16.776	31.948	69.389	146.190	299.459
20	8.062	9.646	11.523	13.743	16.366	19.461	38.337	86.736	190.047	404.270
21	8.949	10.804	13.021	15.667	18.821	22.574	46.005	108.420	247.061	545.764
22	9.933	12.100	17.861	17.861	21.644	26.186	55.205	135.525	321.178	736.781
23	11.026	13.552	20.361	20.361	24.891	30.376	66.247	169.407	417.531	994.653
24	12.239	15.178	23.212	23.212	28.625	35.236	211.758	211.758	542.791	1342.78
25	13.585	17.000	26.461	26.461	32.918	40.874	264.698	264.698	705.627	1812.75
30	22.892	29.960	39.115	50.949	66.210	85.849	237.373	807.793	2619.936	8128.42
35	38.574	52.799	72.066	98.097	133.172	180.311	590.657	2465.189	9727.598	36448.0
40	64.999	93.049	132.77	188.87	267.856	378.715	1469.74	7523.156	36117.754	163433.8
45	109.52	163.98	244.62	363.66	538.752	795.429	3657.17	22958.84	134102.18	*
50	184.559	288.996	450.711	700.197	1083.619	1670.669	9100.191	70064.812	497910.125	*

Πίνακας 4. Συντελεστής ανατοκισμού για ένα ποσό που επενδύεται

στο τέλος κάθε περιόδου για n περιόδους: $ΣΑΡ = \frac{(1+i)^n - 1}{i}$,

n	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2	2.010	2.020	2.030	2.040	2.050	2.060	2.070	2.080	2.090	2.100
3	3.030	3.060	3.091	3.122	3.152	3.184	3.215	3.246	3.278	3.310
4	4.060	4.122	4.184	4.246	4.310	4.375	4.440	4.506	4.573	4.641
5	5.101	5.204	5.309	5.416	5.526	5.637	5.751	5.867	5.985	6.105
6	6.152	6.308	6.468	6.633	6.802	6.975	7.153	7.336	7.523	7.716
7	7.214	7.434	7.662	7.898	8.142	8.394	8.654	8.923	9.200	9.487
8	8.286	8.583	8.892	9.214	9.549	9.897	10.260	10.637	11.028	11.436
9	9.368	9.755	10.159	10.583	11.027	11.491	11.978	12.488	13.021	13.579
10	10.462	10.950	11.464	12.006	12.578	13.181	13.816	14.487	15.193	15.937
11	11.567	12.169	12.808	13.486	14.207	14.972	15.784	16.645	17.560	18.531
12	12.682	13.412	14.192	15.026	15.917	16.870	17.888	18.977	20.141	21.384
13	13.809	14.680	15.618	16.627	17.713	18.882	20.141	21.495	22.953	24.523
14	14.947	15.974	17.086	18.292	19.598	21.015	22.550	24.215	26.019	27.975
15	16.097	17.293	18.599	20.023	21.578	23.276	25.129	27.152	29.361	31.772
16	17.258	18.639	20.157	21.824	23.657	25.672	27.888	30.324	33.003	35.949
17	18.430	20.012	21.761	23.697	25.840	28.213	30.840	33.750	36.973	40.544
18	19.614	21.412	23.414	25.645	28.132	30.905	33.999	37.450	41.301	45.599
19	20.811	22.840	25.117	27.671	30.539	33.760	37.379	41.446	46.018	51.158
20	22.019	24.297	26.870	29.778	33.066	36.785	40.995	45.762	51.159	57.274
21	23.239	25.783	28.676	31.969	35.719	39.992	44.865	50.422	56.764	64.002
22	24.471	27.299	30.536	34.248	38.505	43.392	49.005	55.456	62.872	71.402
23	25.716	28.845	32.452	36.618	41.430	46.995	53.435	60.893	69.531	79.542
24	26.973	30.421	34.426	39.082	44.501	50.815	58.176	66.764	76.789	88.496
25	28.243	32.030	36.459	41.645	47.726	54.864	63.248	73.105	84.699	98.346
30	34.784	40.567	47.575	56.084	66.438	79.057	94.459	113.282	136.305	164.491
35	41.659	49.994	60.461	73.651	90.318	111.432	138.234	172.314	215.705	271.018
40	48.885	60.401	75.400	95.024	120.797	154.758	199.630	259.052	337.872	442.580
45	56.479	71.891	92.718	121.027	159.695	212.737	285.741	386.497	525.840	718.881
50	64.4610	84.577	112.794	152.664	209.341	290.325	406.516	573.576	815.051	1163.865

Πίνακας 4. Συντελεστής ανατοκισμού για ένα ποσό που επενδύεται

στο τέλος κάθε περιόδου για n περιόδους: $\text{ΣΑΡ} = \left[\frac{(1+i)^n - 1}{i} \right]$,

n	11%	12%	13%	14%	15%	16%	20%	25%	30%	35%
1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2	2.110	2.120	2.130	2.140	2.150	2.160	2.200	2.250	2.300	2.350
3	3.342	3.374	3.407	3.440	3.472	3.506	3.640	3.813	3.990	4.172
4	4.710	4.779	4.850	4.921	4.993	5.066	5.368	5.766	6.187	6.633
5	6.228	6.353	6.480	6.610	6.742	6.877	7.442	8.207	9.043	9.954
6	7.913	8.115	8.323	8.535	8.754	8.977	9.930	11.259	12.756	14.438
7	9.783	10.089	10.405	10.730	11.067	11.414	12.716	15.073	17.583	20.492
8	11.859	12.300	12.757	13.233	13.727	14.240	16.499	19.842	23.858	28.664
9	14.164	14.776	15.416	16.085	16.786	17.518	20.799	25.802	32.015	39.696
10	16.722	17.549	18.420	19.337	20.304	21.321	25.979	33.253	42.619	54.590
11	19.561	20.655	21.814	23.044	24.349	25.733	32.150	42.566	56.405	74.696
12	22.713	24.133	25.650	27.271	29.001	30.850	39.580	54.208	74.326	101.840
13	26.211	28.029	29.984	32.088	34.352	36.786	48.496	68.760	97.624	138.484
14	30.095	32.392	34.882	37.581	40.504	43.672	59.196	86.949	127.912	187.953
15	34.405	37.280	40.417	43.842	47.580	51.659	72.035	109.687	167.285	254.737
16	39.190	42.753	46.671	50.980	55.717	60.925	87.442	139.109	218.470	344.895
17	44.500	48.883	53.738	59.117	65.075	71.673	105.930	173.636	285.011	466.608
18	50.396	55.749	61.724	68.393	75.836	84.140	128.116	218.045	371.514	630.920
19	56.939	63.439	70.748	78.968	88.211	98.603	154.739	273.556	483.968	852.741
20	64.202	72.052	80.946	91.024	102.443	115.379	186.687	342.945	630.157	1152.200
21	72.264	81.698	92.468	104.767	118.809	134.840	225.024	429.681	820.204	1556.470
22	81.213	92.502	105.489	120.434	137.630	157.414	271.028	538.101	1067.265	2102.234
23	91.147	104.602	120.203	138.295	159.274	183.600	326.234	673.626	1388.443	2839.014
24	102.173	118.154	136.829	158.656	184.166	213.976	392.480	843.032	1805.975	3833.667
25	114.412	133.333	155.616	181.867	212.790	249.212	471.976	1054.791	2348.765	5176.445
30	199.018	241.330	293.192	356.778	434.738	530.306	1181.865	3227.172	8729.805	23221.258
35	341.583	431.658	546.663	693.552	881.152	1120.699	2948.294	9856.746	32422.090	104134.500
40	581.812	767.080	1013.66	1341.97	1779.048	2360.724	7343.715	30088.621	120389.375	*
45	986.613	1358.20	1874.08	2590.46	3585.031	4965.191	18280.914	91831.312	447005.062	*
50	1668.72	2399.97	3459.34	4994.30	7217.488	10435.449	45496.094	*	*	*