

Table 2.2. The law of cumulated growth

An annual growth rate equal to...	.. is equivalent to a generational growth rate (30 years) of...	...i.e. a multiplication by a coefficient equal to...	...and a multiplication after 100 years by a coefficient equal to...	...and a multiplication after 1000 years by a coefficient equal to...
0.1%	3%	1.03	1.11	2.72
0.2%	6%	1.06	1.22	7.37
0.5%	16%	1.16	1.65	147
1.0%	35%	1.35	2.70	20 959
1.5%	56%	1.56	4.43	2 924 437
2.0%	81%	1.81	7.24	398 264 652
2.5%	110%	2.10	11.8	52 949 930 179
3.5%	181%	2.81	31.2	...
5.0%	332%	4.32	131.5	...

An annual growth rate of 1% is equivalent to an annual growth rate of 35% per generation (30 years), a multiplication by 2.7 every 100 years, and by over 20 000 every 1000 years.