

$$f(t) = A_0 e^{kt}$$

t	f(t)
0	2000
10	3466
20	6008
30	10413
40	18049.2334
50	31283.6213
60	54224.0188
70	93984.327
80	162902.019
90	282353.148
100	489397.836
110	848260.595
120	1470273

