

## Longest-Run Global Economic Growth (2020)

[illegible]

Date	Notes...		Population Doubling Time	Ideas Stock Doubling Time
-68000	Out of the (Horn of) Africa (this time for sure!)			
-8000	Mesolithic		12920	25841
-6000	Neolithic Revolution...		1346	6104
-3000	Bronze Age: writing: the horse, wheel, and bow...		2728	5457
-1000	Iron Age: Axial Age...		1151	2303
0	Rome, Han, Maya...		566	1133
800	Carolingian, Abbasid, Tang, Toltec...		976	1953
1500	Zeng He, Infante Dom Enrique de Aviz, Vasco da Gama, and Cristobal Colon...		950	1900
1770	Industrial Revolution...		462	464
1870	Modern Economic Growth: submarine telegraph, iron-hulled steamship, and industrial research lab...		126	157
2020	Today...		59	34
2100	Party like its 2099...			
2200				
2500				
	Global resources stock...			
	Steady-state capital-output ratio			
	Salience of capital vs. labor efficiency in driving output per worker			
	Salience of ideas vs. resources in driving labor efficiency			