## **Longest-Run Global Economic Growth (2020)**

Date	ideas Level H	Total Real World Income Y (billions)	Average Real Income per Capita y (per year)	Total Human Population L (millions)		Rate of Population and Labor Force Growth n	Rate of Efficiency- of-Labor Growth g	Rate of Ideas- Stock Growth h	How Much Economic History in This Era? (trillions)	
-68000	1.0	\$0	\$1,200	0.1						
-8000	5.0	\$3	\$1,200	2.5		0.005%	0.000%	0.003%	\$94	
-6000	6.3	\$6	\$900	7		0.051%	-0.014%	0.011%	\$9	
-3000	9.2	\$14	\$900	15		0.025%	0.000%	0.013%	\$41	
-1000	16.8	\$45	\$900	50		0.060%	0.000%	0.030%	\$59	
0	30.9	\$153	\$900	170		0.122%	0.000%	0.061%	\$99	
800	41.1	\$270	\$900	300		0.071%	0.000%	0.035%	\$169	
1500	53.0	\$450	\$900	500		0.073%	0.000%	0.036%	\$252	
1770	79.4	\$825	\$1,100	750		0.150%	0.074%	0.149%	\$172	
1870	123.5	\$1,690	\$1,300	1300		0.550%	0.167%	0.442%	\$126	
2020	2720.5	\$90,000	\$11,842	7600		1.177%	1.473%	2.061%	\$6877	
2100	13474.9	\$485,096	\$53,900	9000	?	0.211%	1.894%	2.000%	\$23004	
2200	99566.8	\$3,584,405	\$398,267	9000	?	0.000%	2.000%	2.000%	\$203475	
2500	40168118.9	\$1,446,052,279	\$160,672,475	9000	?	0.000%	2.000%	2.000%	\$217445503	
		R =			1					
		K/Y =			4					
		α =			0.5					
		γ =			2					
				https://www	v.icloud.c	om/number	s/0PzSnM3	seWgKrlp	jR7Un8kxelg	

-68000 Out of the (Horn of) Africa (this time for sure!)  -8000 Mesolithic  -6000 Neolithic Revolution  -3000 Bronze Age: writing: the horse, wheel, and bow  -1000 Iron Age: Axial Age  0 Rome, Han, Maya  2 Carolingian, Abbasid, Tang, Toltec  1500 Zeng He, Infante Dom Enrique de Aviz, Vasco da Gama, and Cristobal Colon  1770 Industrial Revolution  1870 Modern Economic Growth: submarine telegraph, iron-hulled steamship, and industrial research lab  2020 Today  2100 Party like its 2099	12920 1346 2728 1151 566 976 950 462 126 59	25841 6104 5457 2303 1133 1953 1900 464 157
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Today  Today  Party like its 2099	950 462 126	1900 464 157
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1870 Modern Economic Growth: submarine telegraph, iron-hulled steamship, and industrial research lab  2020 Today  2100 Party like its 2099	126	157
2020       Today         2100       Party like its 2099         2200		
2100 Party like its 2099 2200	59	34
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		