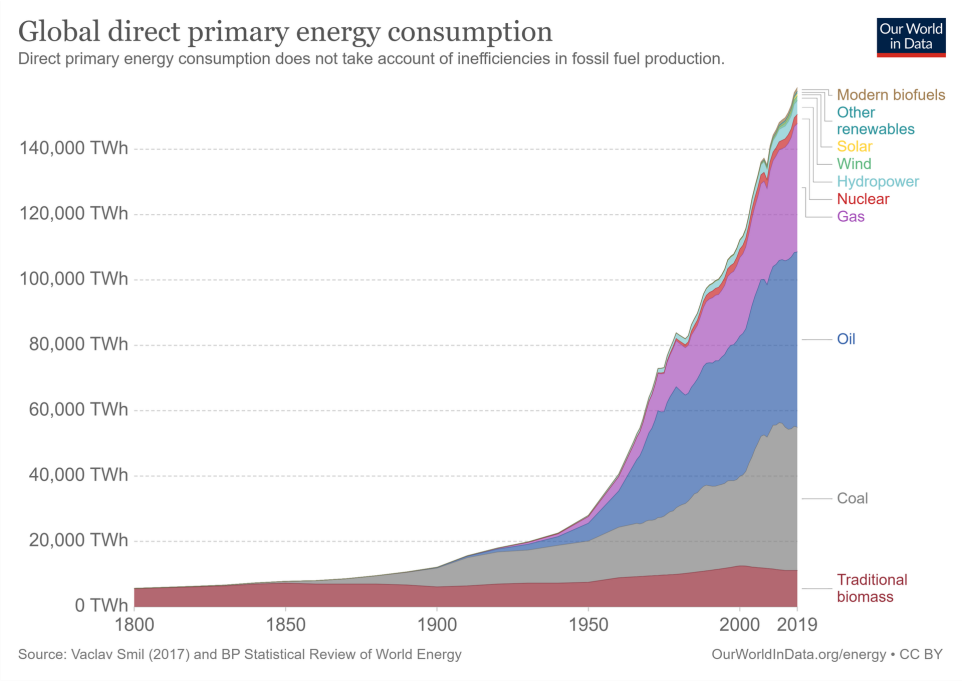
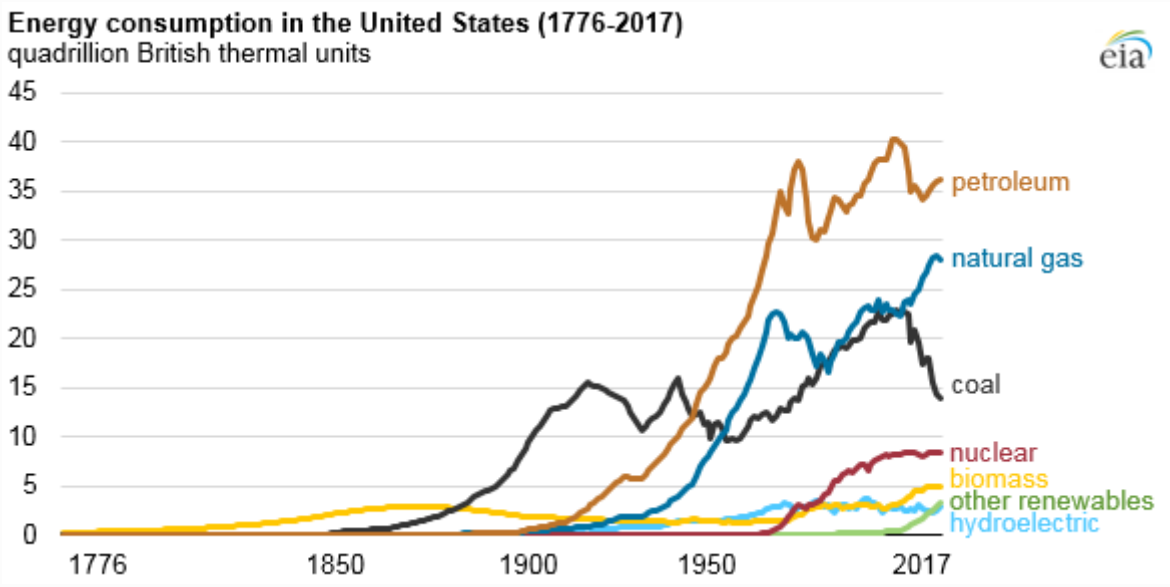




Oil left in the world:

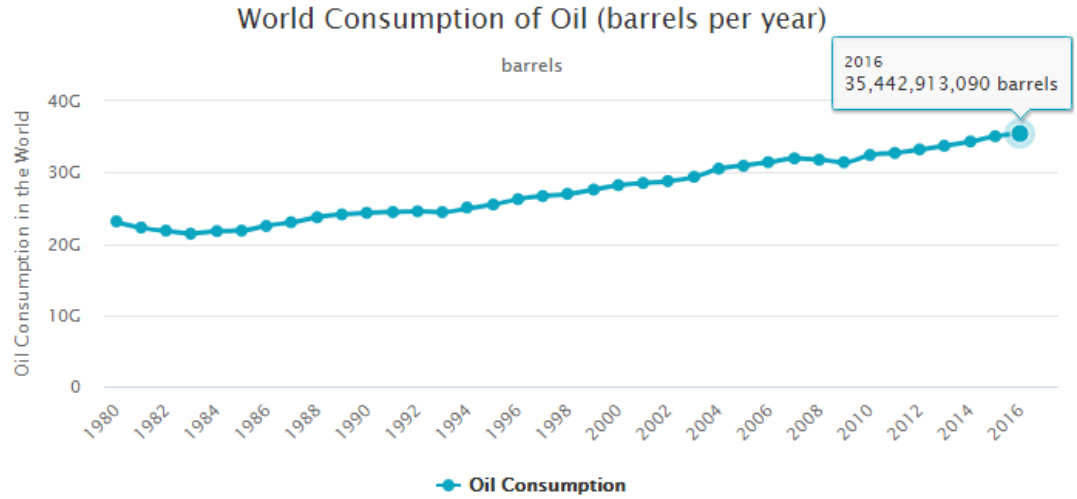
1,480,673,351,701

Summary Table

Oil Reserves	**1,650,585,140,000**	barrels
Oil Consumption	**35,442,913,090**	barrels per year
	97,103,871	barrels per day
Reserves/Consumption	**47**	(years left)

(Data shown in the table is for 2016. Counter shows current estimate.)

History of Global Oil Consumption



Energy, EROI and quality of life ☆

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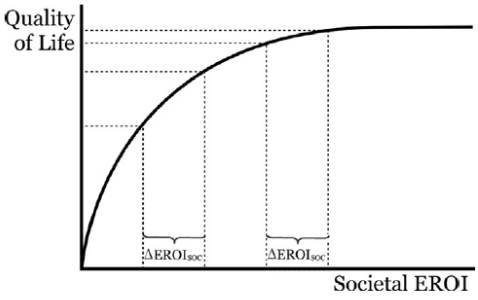
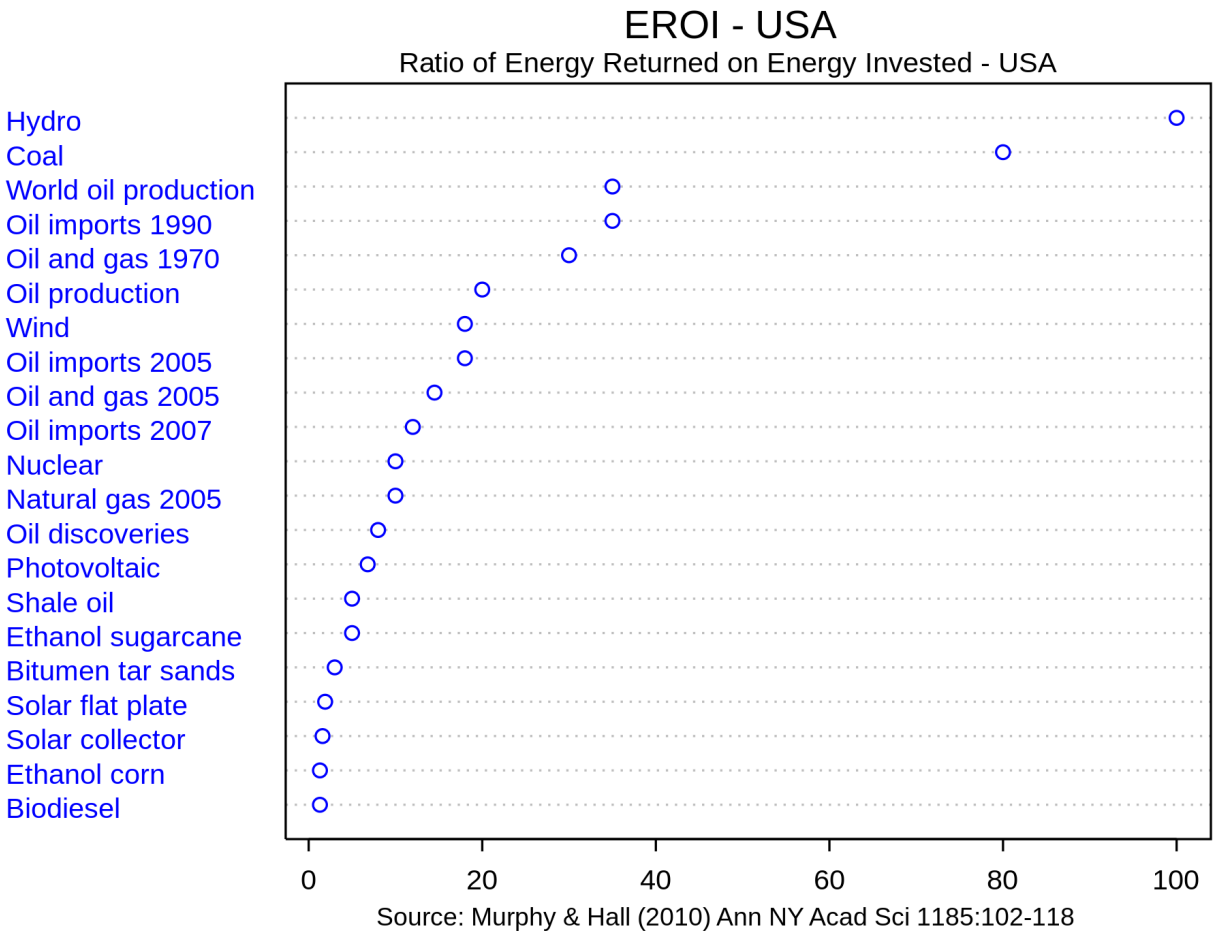
HIGHLIGHTS

- Large quantities of high quality energy appears to contribute to social well-being.
- LEI examines the quantity, efficiency and distribution of energy within the system.
- $EROI_{SOC}$ of $<25:1$, <100 GJ/capita and LEI <0.2 point to poor/moderate quality of life.
- A threshold of well-being is: $EROI_{SOC}$ of 20–30:1, 100–200 GJ/capita and LEI 0.2–0.4.
- Improvement in well-being levels off at: $EROI_{SOC} > 30:1$, >200 GJ/capita and LEI >0.4.

GRAPHICAL ABSTRACT

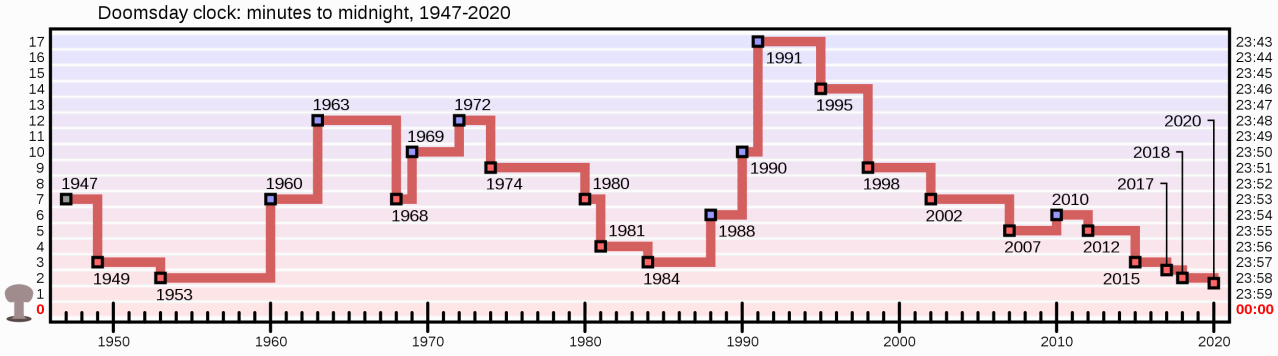




highly desirable traits of non-renewable fossil fuels. Specifically, renewable energy sources:

- are not sufficiently “energy dense”,
- tend to be intermittent,
- lack transportability,
- most have relatively low EROI values (especially when corrections are made for intermittency), and
- currently, lack the infrastructure that is required to meet current societal demands.


COMPOST BASKET


Doomsday clock: minutes to midnight, 1947-2020
17
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