PERSONAL CONSUMPTION TRENDS

Built-up Area* per Capita - World

80 70 60 50 40 30 20 10 0 square meters

0 C.E. 200 400 600 800 1000 1200 1400 1600 1800 2000
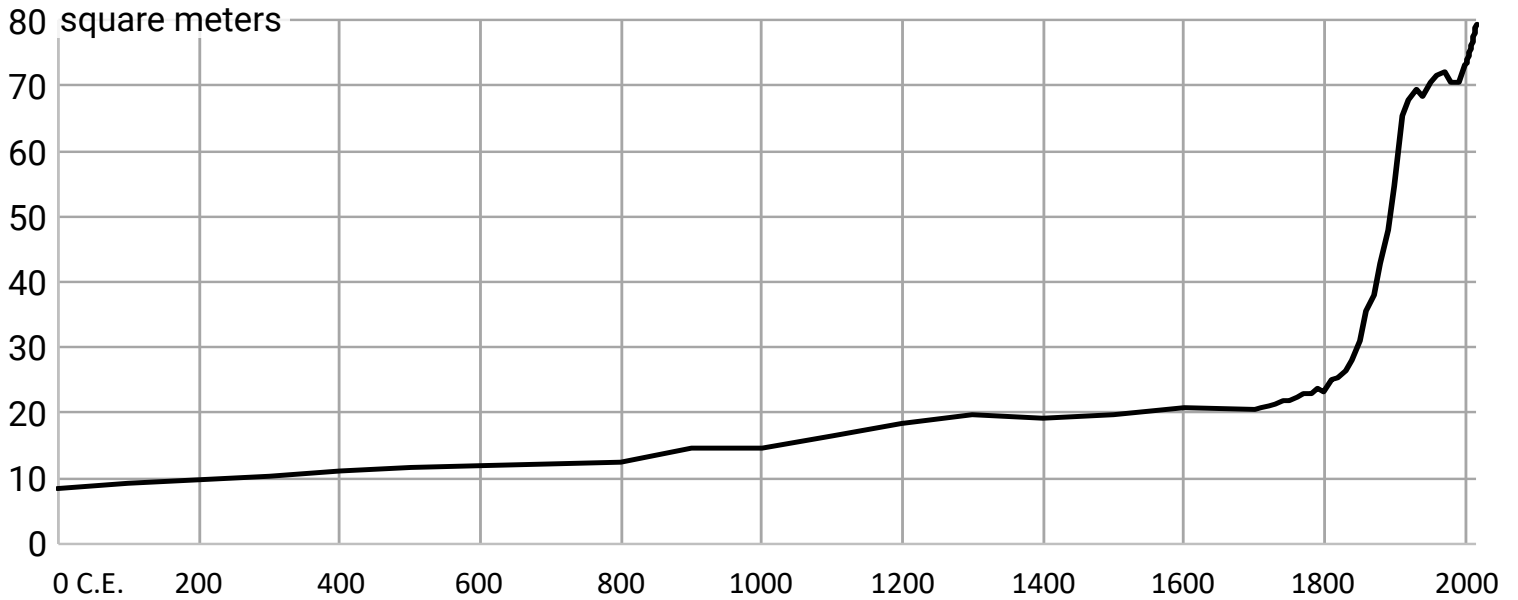
*Built-up Area includes: villages, cities, towns, and human infrastructure.
1) Our World in Data "Land Use" https://ourworldindata.org/land-use Acessed 4/14/2023
2) Our World in Data "Population" https://ourworldindata.org/grapher/population Accessed 4/14/2023

Freshwater Use per Capita - World

800 cubic meters
600
400
200
0

1901 1905 1909 1913 1917 1921 1925 1929 1933 1937 1941 1945 1949 1953 1957 1961 1965 1969 1973 1977 1981 1985 1989 1993 1997 2001 2005 2009
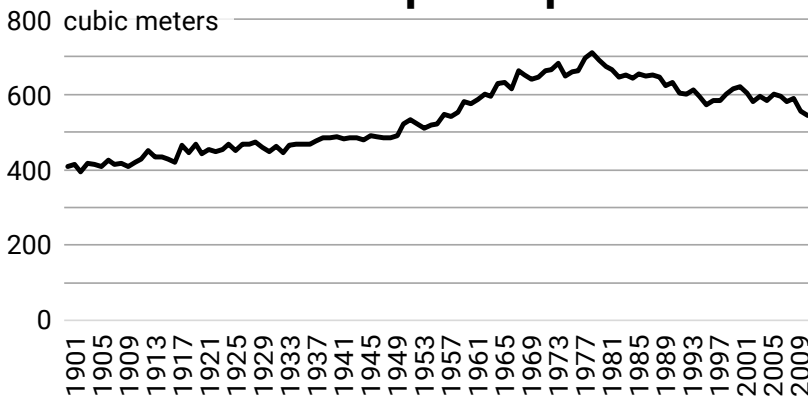
1) Our World in Data "Water Use and Stress" https://ourworldindata.org/water-use-stress Acessed 4/14/2023
2) Our World in Data "Population" https://ourworldindata.org/grapher/population Accessed 4/14/2023

Land Use per Capita - World

1.2 1.1 1.0 hectares 0.9 0.8 Grazing Land --- 0.7 Cropland ---- 0.6 0.5 0.4 0.3 0.2 0.1 0

1000 C.E. 1200 1400 1600 1800 2000

1) Our World in Data "Land Use" https://ourworldindata.org/land-use Acessed 4/14/2023
2) Our World in Data "Population" https://ourworldindata.org/grapher/population Accessed 4/14/2023

Average Annual Working Hours per Worker - World

3,500 3,000 2,500 hours 2,000 1,500 1,000 500 0

1870 1870 1910 1930 1950 1970 1990 2010
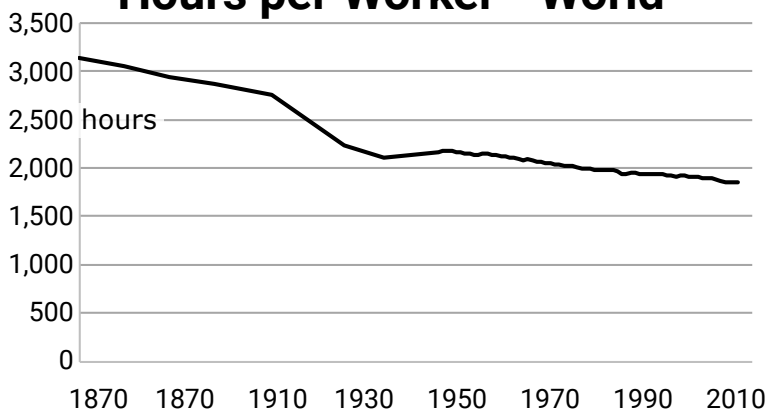
1) Our World in Data "Time Use" https://ourworldindata.org/time-use Acessed 6/1/2023

Data Consumption per Capita - World

140 120 gigabytes 100 80 60 40 20 0

2016 2017 2018 2019 2020 2021

1) World Economic Forum "Growth in Data Consumption" https://www.weforum.org/agenda/2021/08/how-the-pandemic-sparked-a-data-boom/ Acessed 4/14/2023
2) PwC "Data Consumption Outlook" https://www.pwc.com/gx/en/industries/tmt/media/outlook/segment-findings.html?WT.mc_id=CT1-PL52-DM2-TR2-LS4-ND30-TTA9-CN_GEMO-2021-segments-two Accessed 4/14/2023
3) Our World in Data "Population" https://ourworldindata.org/grapher/population Accessed 4/14/2023

URBAN CRUISE SHIP ANALYSIS SOLUTIONS
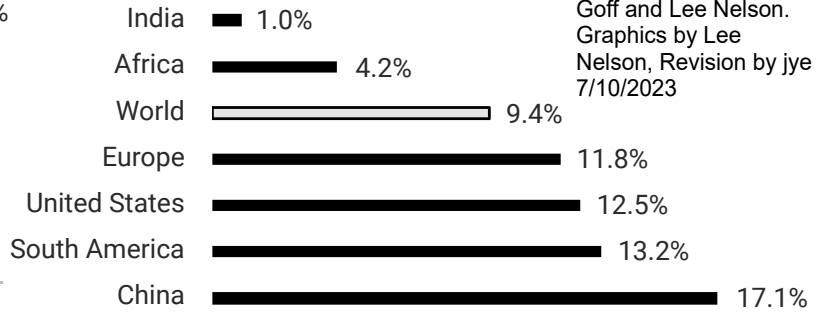
Research by Michael Goff, research and graphics by Lee Nelson, concept and editing by John van der Harst, revision by jye 7-8-2023

Portion of Caloric Intake from Meat
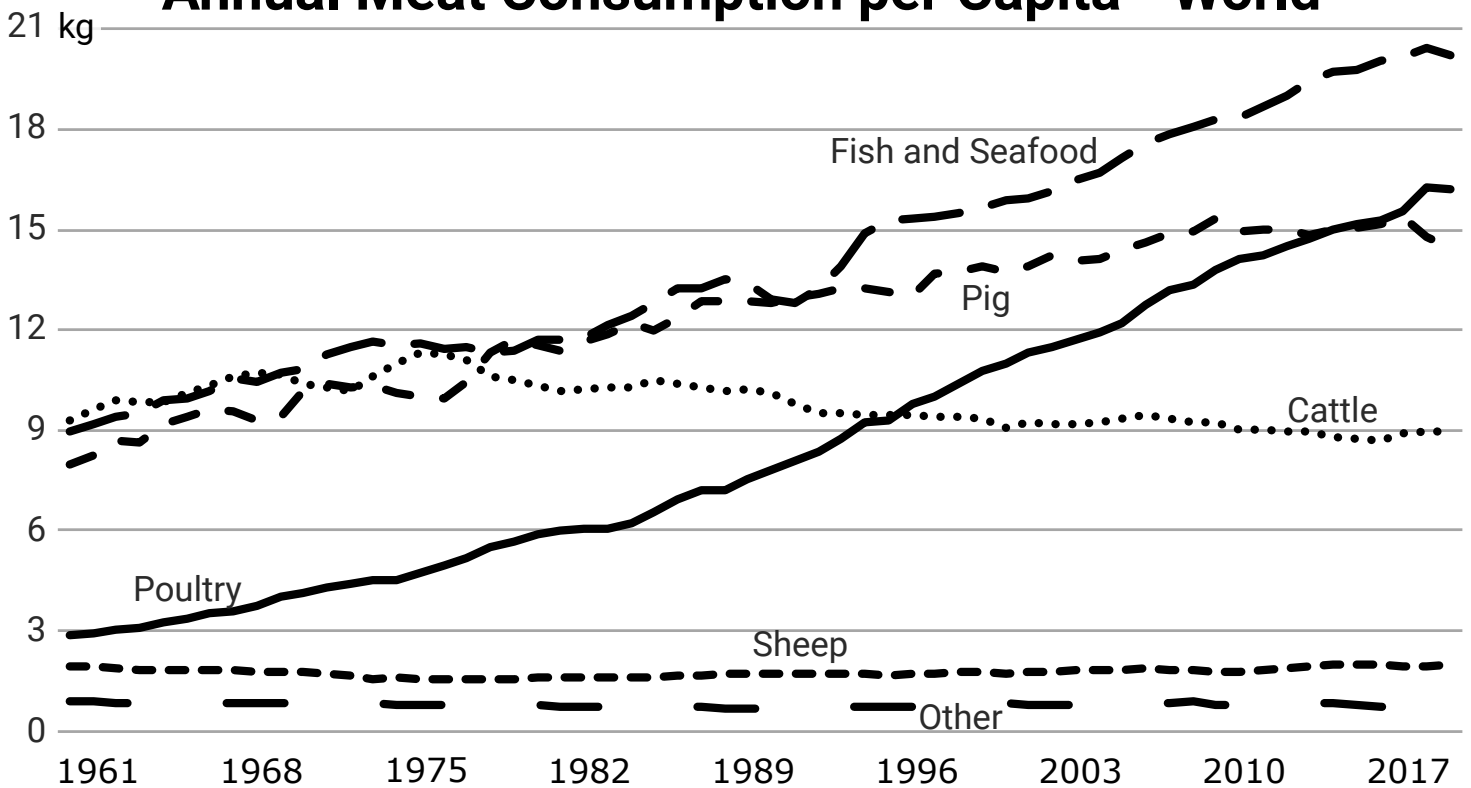
By Year - Worldwide Trend

5.8% 7.1% 8.5% 9.4%

1960 1970 1980 1990 2000 2010
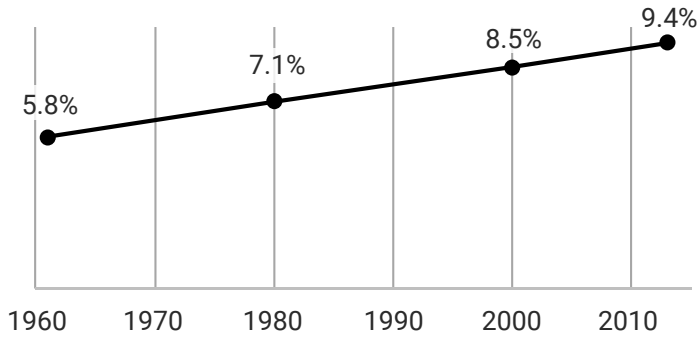
By Region (2013)

Research by Michael Goff and Lee Nelson. Graphics by Lee Nelson, Revision by jye 7/10/2023

India	1.0%
Africa	4.2%
World	9.4%
Europe	11.8%
United States	12.5%
South America	13.2%
China	17.1%

1) Food and Agriculture Organization of the United Nations "FAOSTAT" https://www.fao.org/faostat/en/#home Acessed 4/14/2023

Annual Meat Consumption per Capita - World

Fish and Seafood

Pig

Cattle

Poultry

Sheep

Other

21 kg
18
15
12
9
6
3
0

1961 1968 1975 1982 1989 1996 2003 2010 2017

1) Our World in Data "Per Capita Meat Consumption by Type" https://ourworldindata.org/grapher/per-capita-meat-type Acessed 6/10/2023

Agriculture Land Use Trends

4.0 millions of hectares
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0

Pasture Land

Crop Land

1961 1964 1967 1970 1973 1976 1979 1982 1985 1988 1991 1994 1997 2000 2003 2006 2009 2012 2015
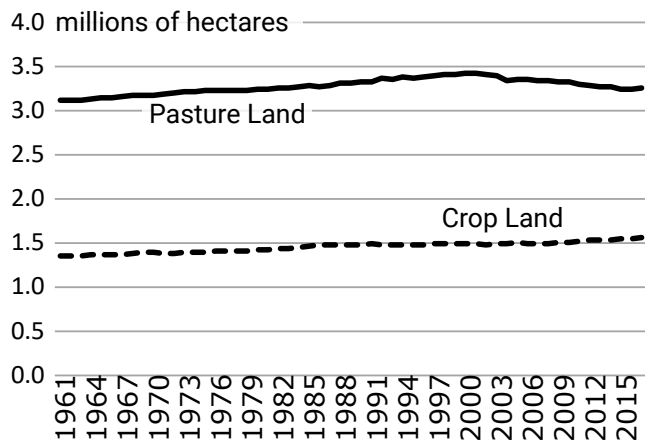
1) Food and Agriculture Organization of the United Nations "FAOSTAT" https://www.fao.org/faostat/en/#home Acessed 4/14/2023

Clothing and Footwear Consumption per Capita - U.S.

45 kg
40
35
30
25
20
15
10
5

1960 1970 1980 1990 2000 2010 2020
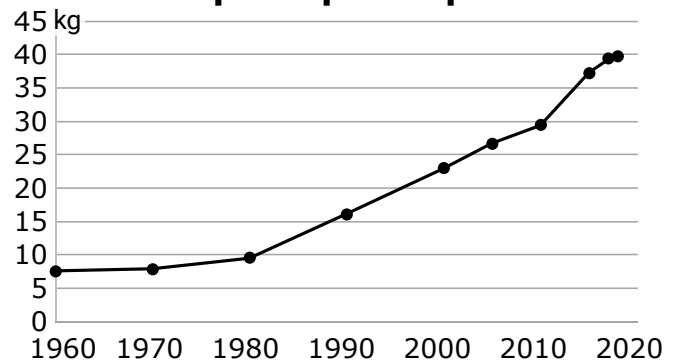
1) United States Environmental Protection Agency "Non-durable Goods: Product Specific Data" https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/nondurable-goods-product-specific-data#ClothingandFootwear Acessed 5/14/2023
2) USA Facts "Population" https://usafacts.org/data/topics/people-society/population-and-demographics/population-data/population/ Accessed 5/14/2023