

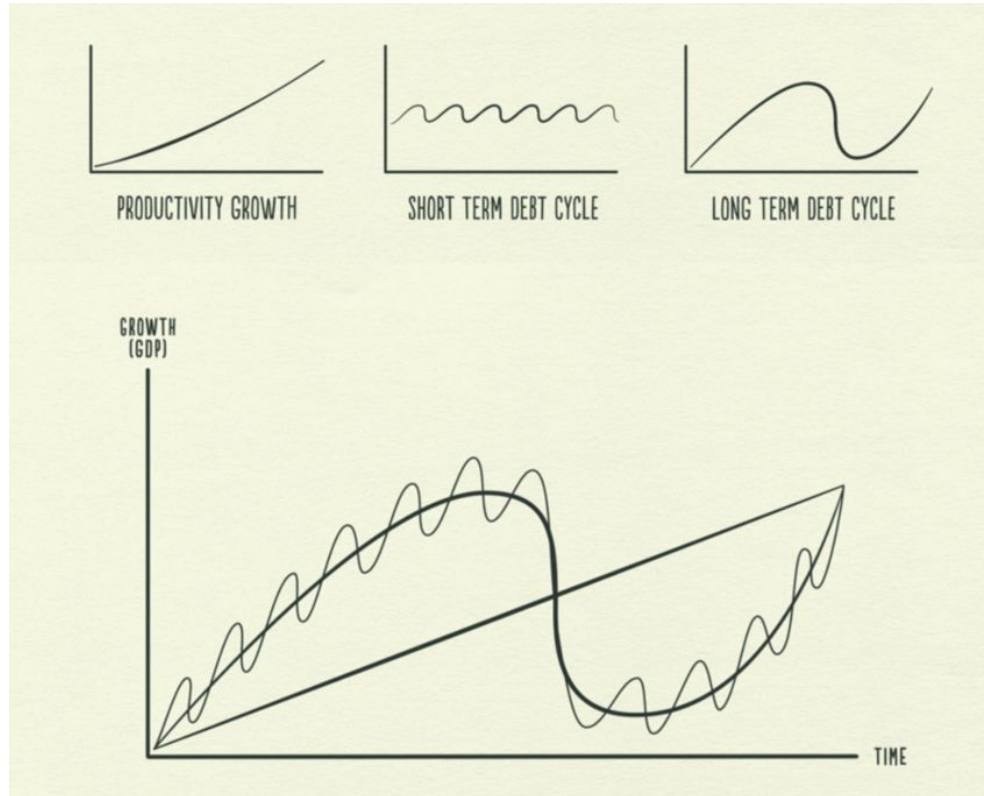


MEGATRENDS 2024

Disclaimer:

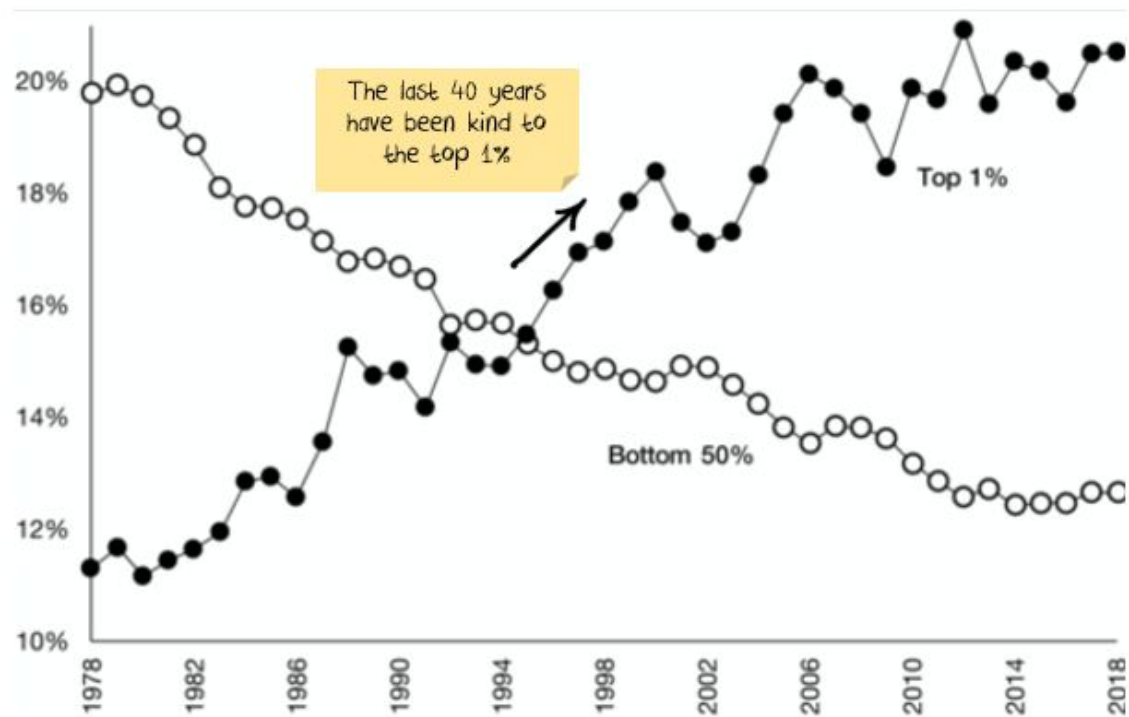
The information provided on this presentation is general in nature and does not constitute personal financial advice. The information has been prepared without taking into account your personal objectives, financial situation or needs. Because of this, you should consider the appropriateness of the information for your own objectives, financial situation and needs before acting on it. Also, before you decide to invest in a financial product arranged by a representative of Nucleus Wealth Management Pty Ltd, ABN 54 614 386 266, corporate authorised representative of Nucleus Advice Pty Ltd AFSL 515796 (Nucleus Wealth or we or us), it is important that you read and consider the Product Disclosure Statement relating to the product before making any decision about whether to invest in it. Your Nucleus Wealth adviser can help you with this decision if you would like them to do so.

Long Term Trends: Introduction



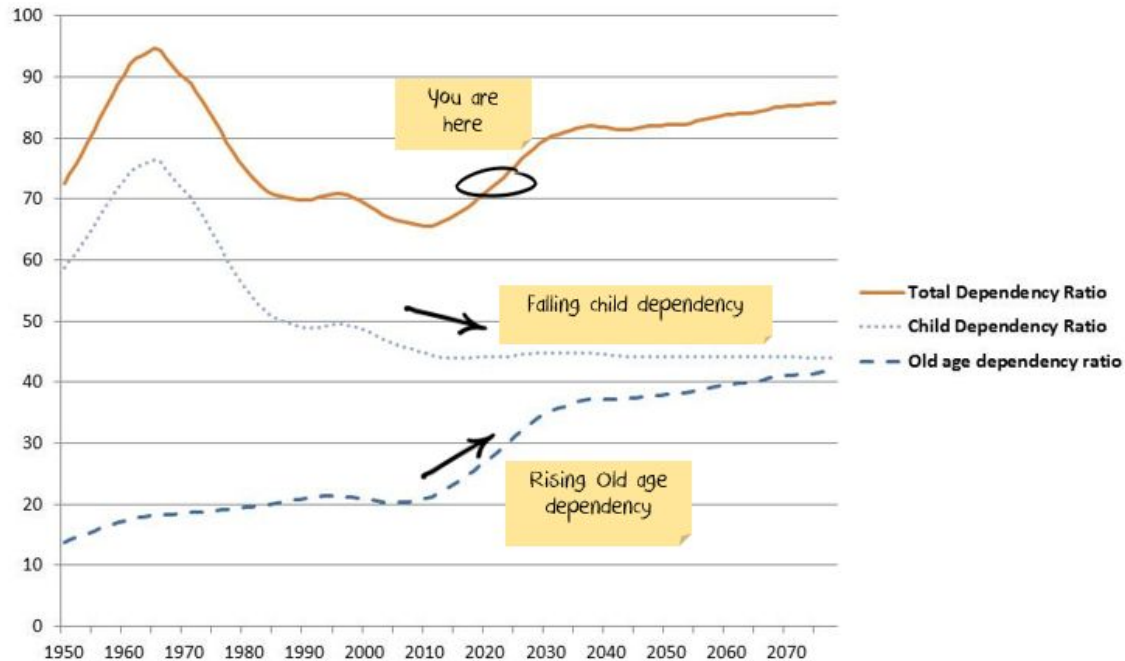
Long Term Trends: 1. Inequality

Share of US income: Top 1% vs Bottom 50%



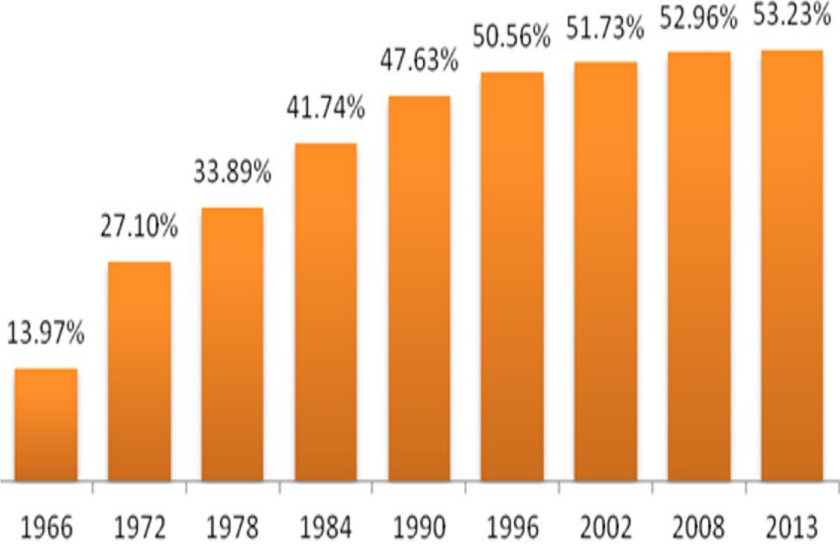
Long Term Trends: 2. Demographics

Dependency ratios in the U.S. over time



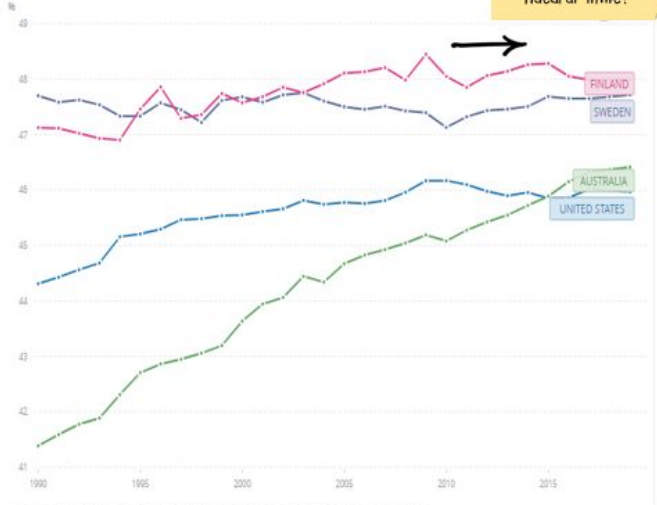
Long Term Trends: 3. Female Participation

Female Participation Rate



Source: US Equal Employment Opportunity Commission

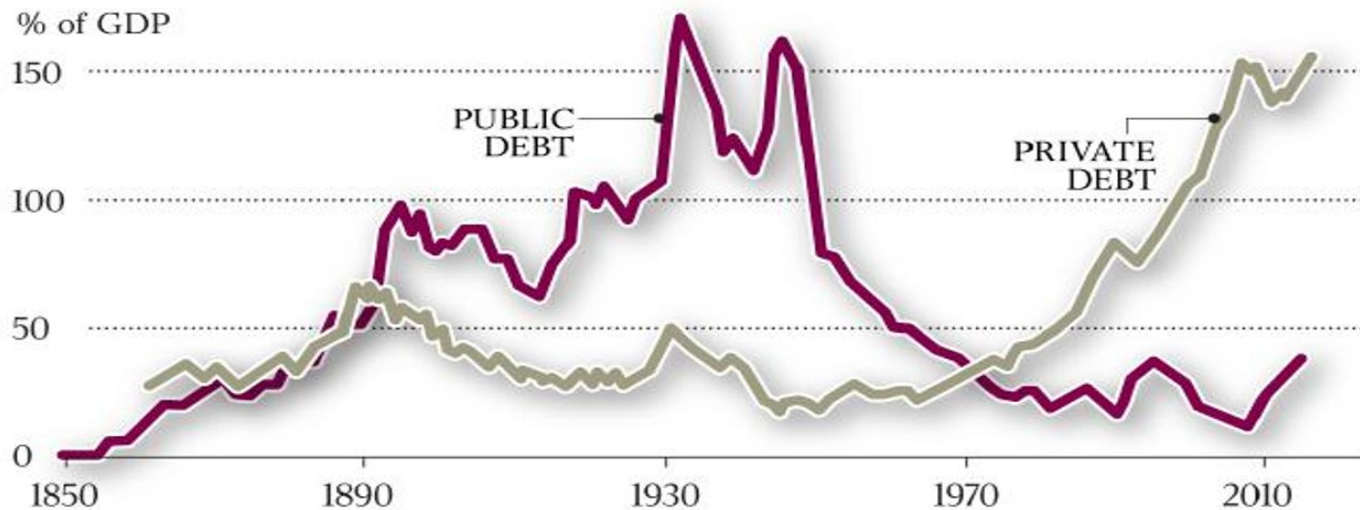
Female % of Labor Force



Source: Nucleus Wealth, World Bank, International Labor Organization

Long Term Trends: 4. Rising Debt

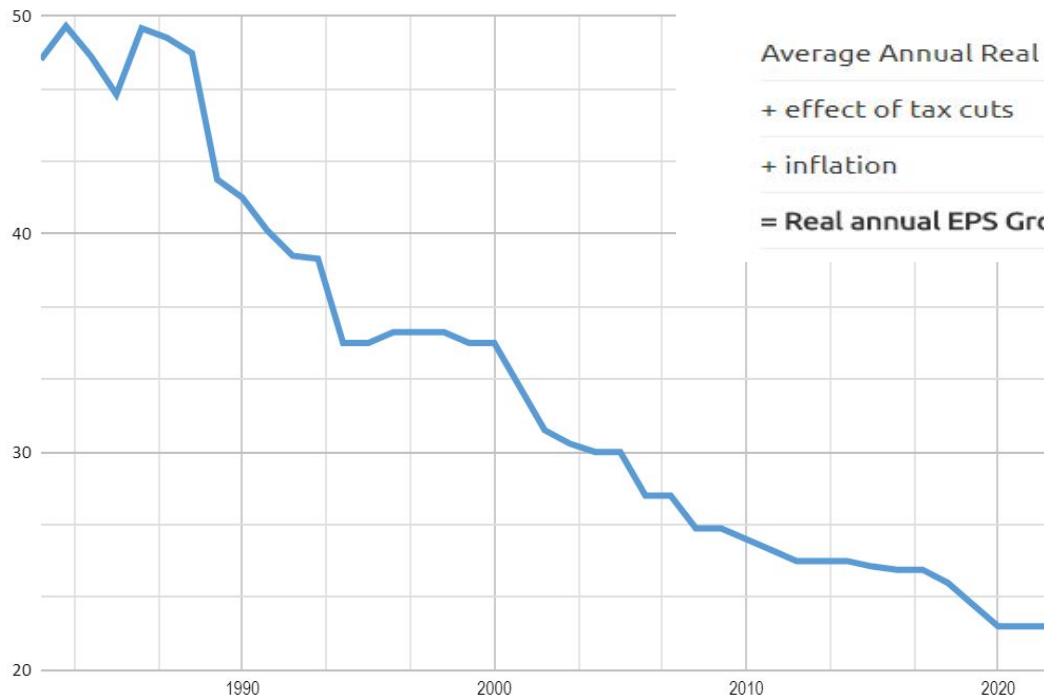
Up, up and away



Source: UBS, LF Economics

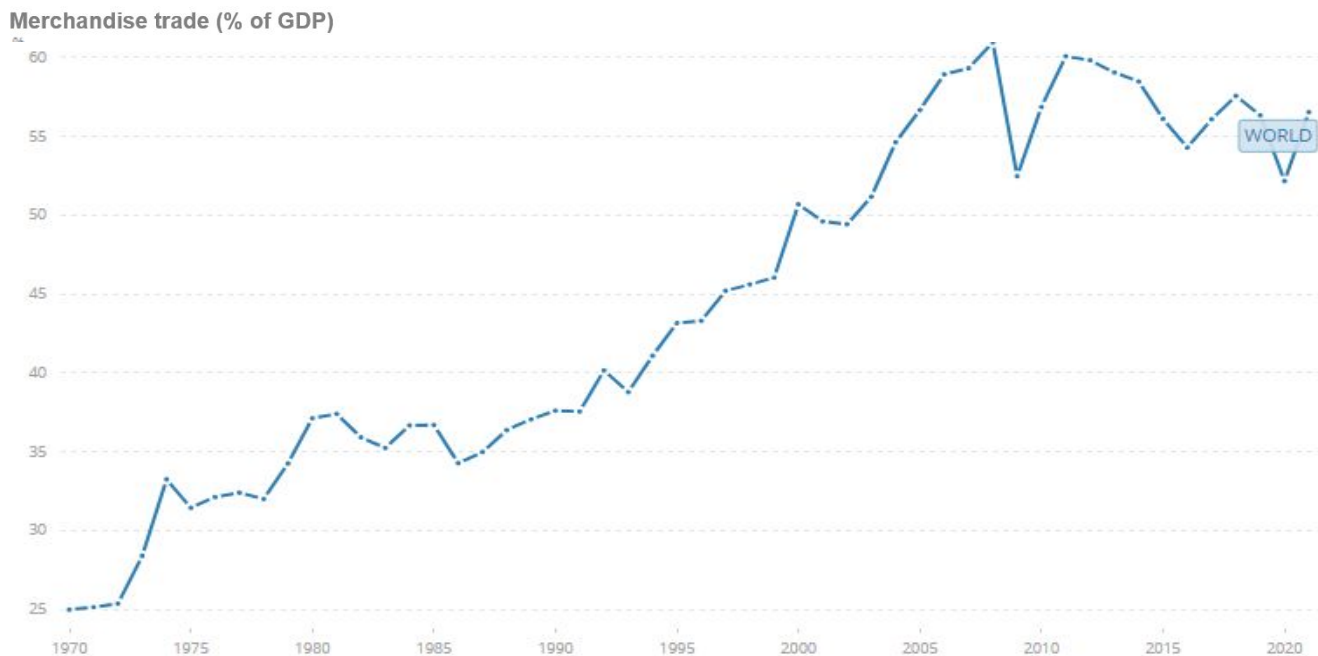
Long Term Trends: 5. Falling Taxes

Median OECD Corporate tax rate



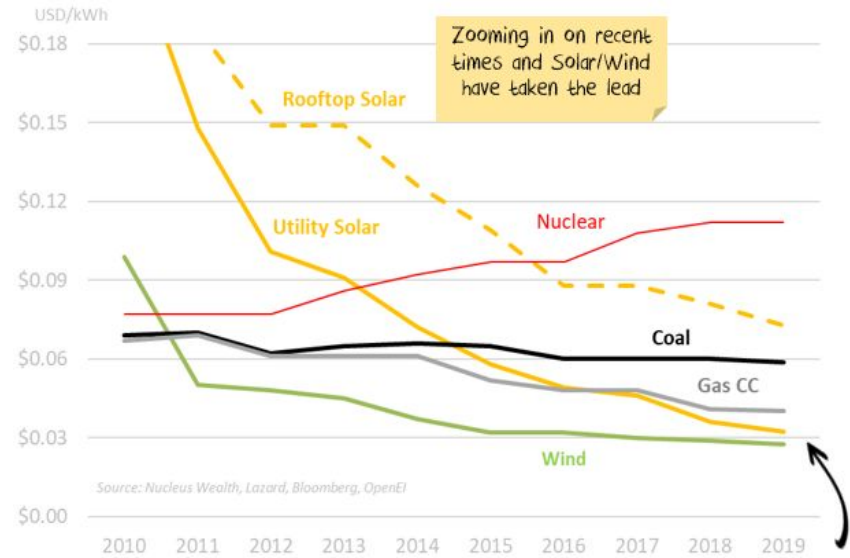
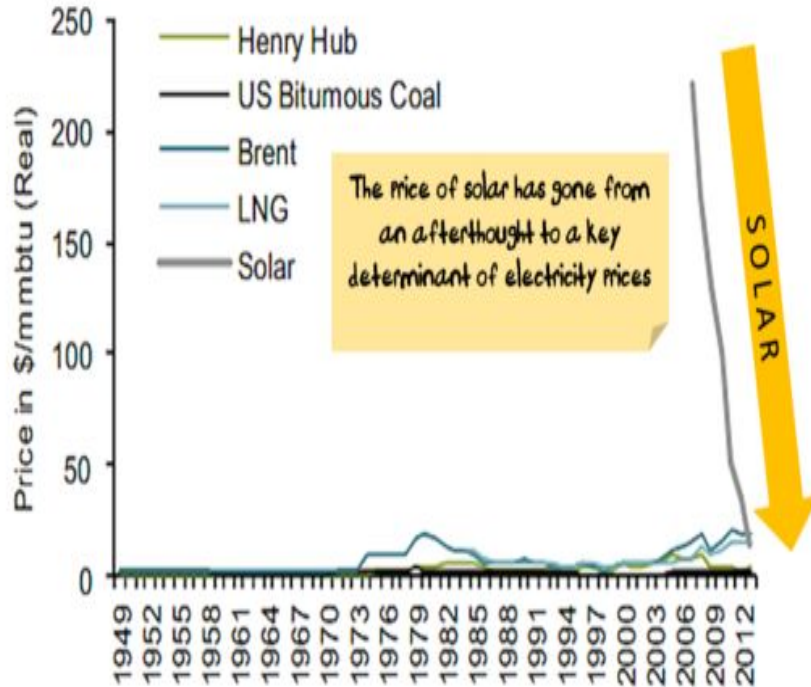
Average Annual Real pretax EPS growth	2.0%
+ effect of tax cuts	1.3%
+ inflation	2.8%
= Real annual EPS Growth	6.1%

Long Term Trends: 6. Rising Trade



Source: World Trade Organization, and World Bank GDP estimates

Long Term Trends: 7. Energy Costs



In Australia, gas is way more expensive than this as gas prices are higher

Long Term Trends: 7. Energy Costs

Levelized Costs (USD/kWh)	Levelised Cost Ex Fuel	Fuel	Total
Onshore Wind	\$ 0.03		\$ 0.03
Utility Solar	\$ 0.04		\$ 0.04
Natural Gas @\$3/mmBtu	\$ 0.02	\$ 0.02	\$ 0.04
Natural Gas @\$6/mmBtu	\$ 0.02	\$ 0.04	\$ 0.06
Coal @ \$50/Ton	\$ 0.04	\$ 0.02	\$ 0.06
Coal @ \$75/Ton	\$ 0.04	\$ 0.02	\$ 0.07
Utility Solar + partial battery	\$ 0.07		\$ 0.07
Coal @ \$100/Ton	\$ 0.04	\$ 0.03	\$ 0.07
Natural Gas @\$9/mmBtu	\$ 0.02	\$ 0.06	\$ 0.08
Utility Solar + full battery	\$ 0.09		\$ 0.09
Offshore Wind	\$ 0.10		\$ 0.10
Nuclear	\$ 0.10	\$ 0.01	\$ 0.10

Source: Nucleus Wealth, Lazard, Bloomberg, Open EI

Utility solar and wind
the cheapest option

And adding a partial
battery to offset the
evening load is now at
parity with other costs

Long Term Trends: Summary

- Inequality
- Demographics
- Women in Workforce
- Rising Debt
- Falling Taxes
- Rising Trade
- Falling Energy Costs

Viewer question of the week:

What Megatrend have we missed?

Drop your answers in the comments

Investment outlook: Tactical Asset Allocation

- Will the historic bull market end in an historic bear market?
- Managing downside risks
 - Bond / Equity sequencing
 - Earnings downgrades
- Positioning for the up-cycle
 - Energy prices peaking
 - China the new Japan
 - Onshoring: higher cost manufacturing followed by lower cost
 - Automation productivity gains
 - Currency hedging
 - Inflation - down first. Question marks on up again.

More from Nucleus Wealth:

Content: [Nucleuswealth.com/content](https://nucleuswealth.com/content)

**Have a guest or topic suggestion for the show?
Leave a comment on YouTube**

Find us on all major (and minor) podcast platforms:



Social media:



Facebook.com/nucleuswealth



Linkedin.com/company/nucleuswealth



Instagram.com/nucleus_wealth



Twitter.com/nucleuswealth