

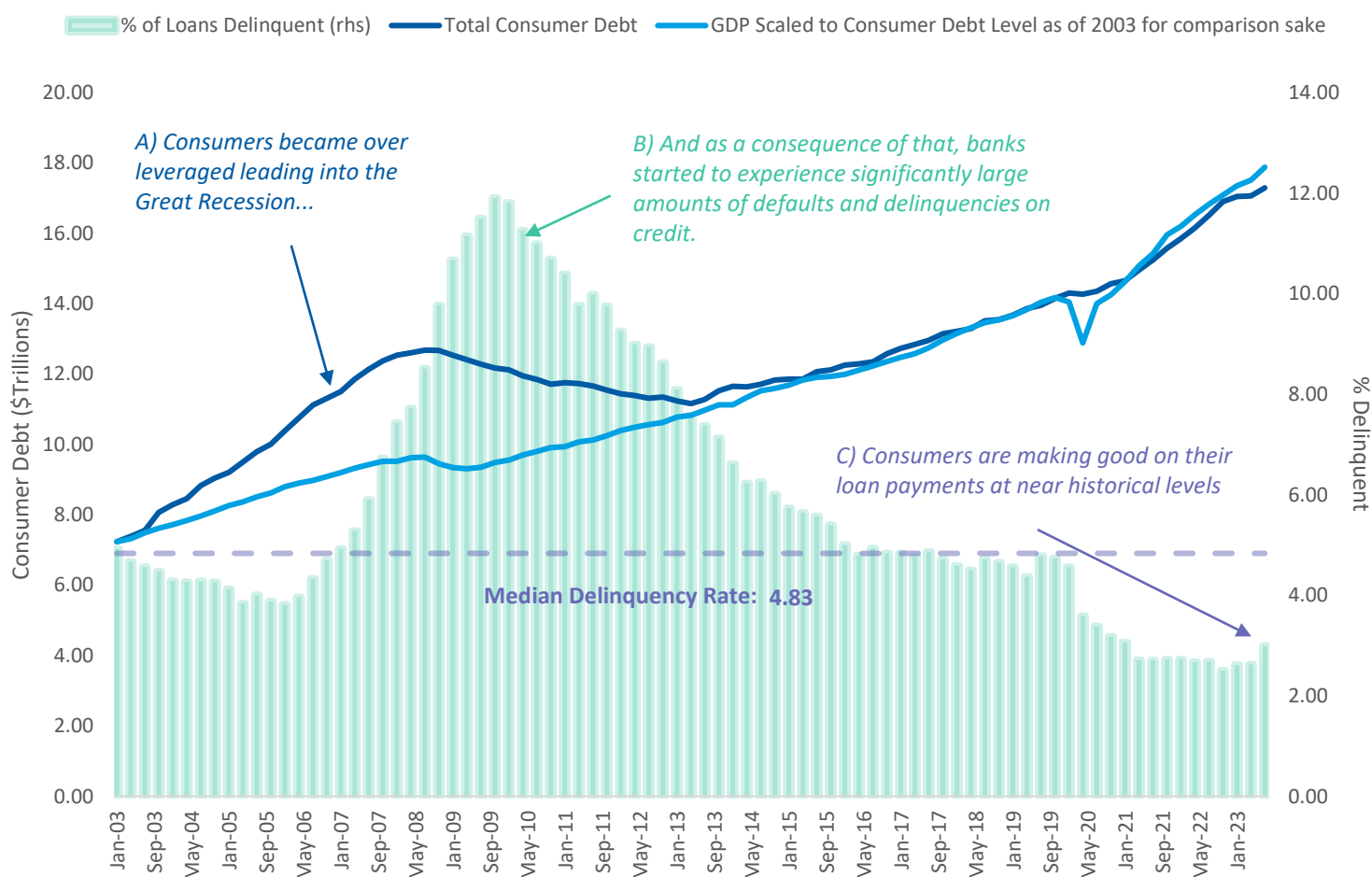
The Balog Group at Morgan Stanley

US Consumer Credit Report Data – 11/14/2023

Headline: US Consumer debt climbs to a record \$17.3 Trillion.

Reality: Consumer debt has increased, but by no means has the average American over stretched their budgets.

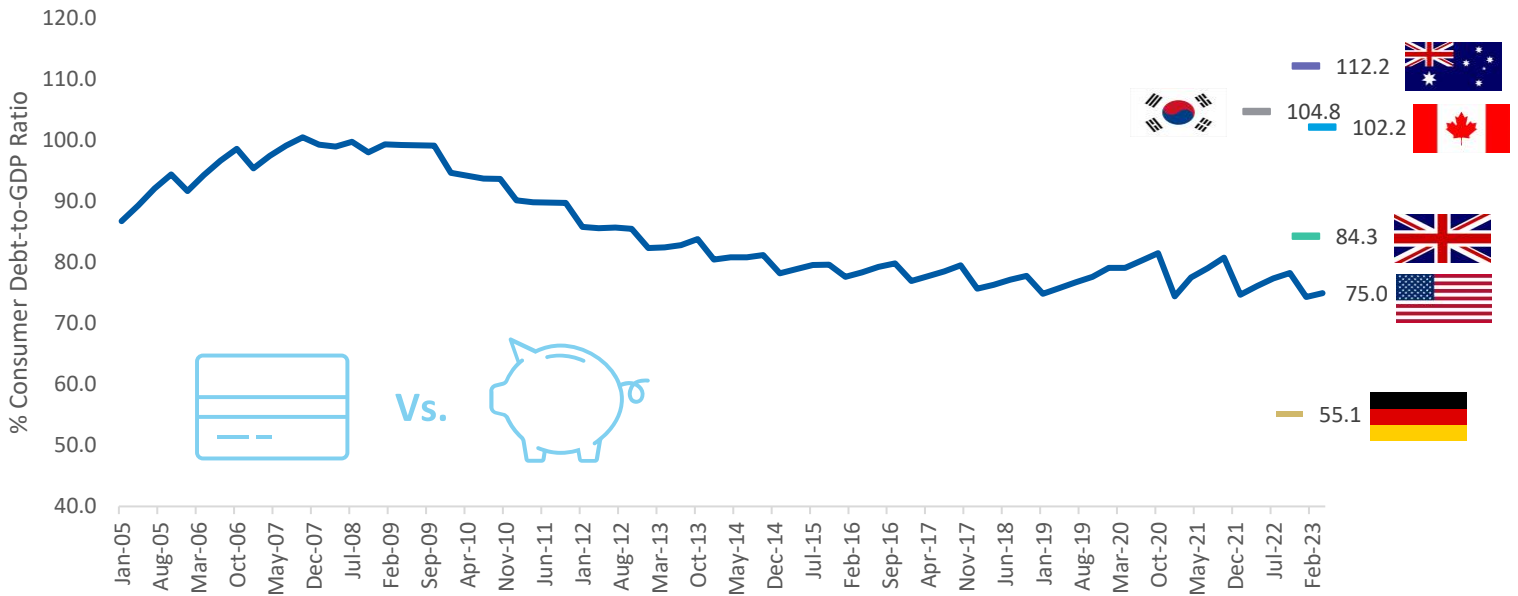
GDP Growth in the US has outpaced consumer debt growth over the last 20 years, and in fact the percentage of consumer loans that are delinquent are near record lows (currently at the 11th percentile). So, while the big headline might be concerning at first glance, when you look further into the details consumers are not yet over leveraged.



Annualized Growth Rates of...	Consumer Debt	GDP
Last 5 Years:	5.02%	5.50%
Last 10 Years:	4.19%	4.94%
Last 20 Years:	4.34%	4.51%

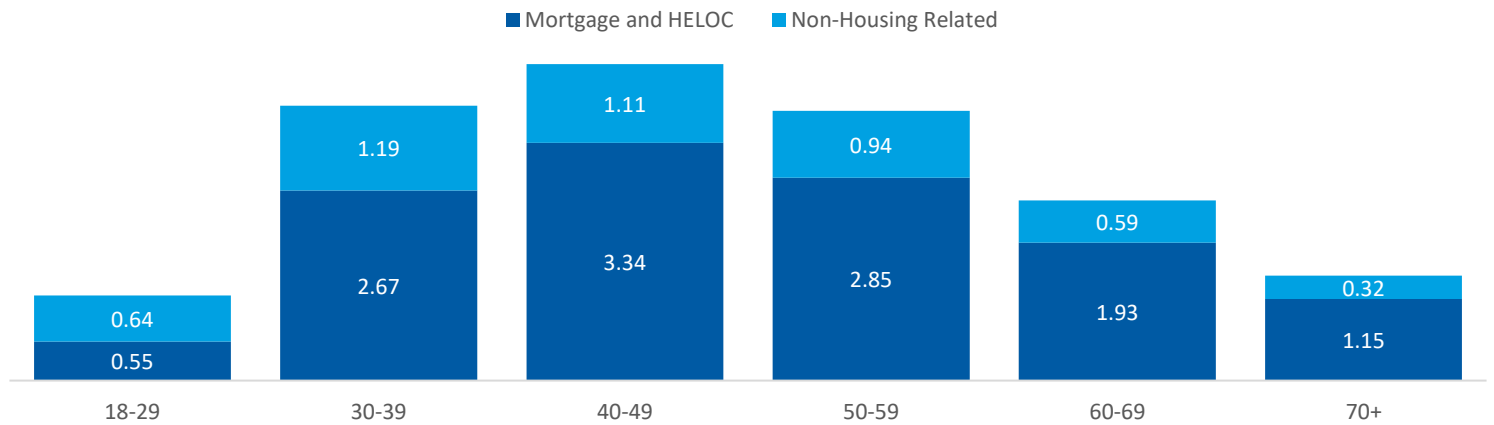
US Consumers are big spenders...but they're also big producers.

Our consumer debt-to-GDP level has improved over the last decade and relative to a lot of peers US consumers are not as leveraged.



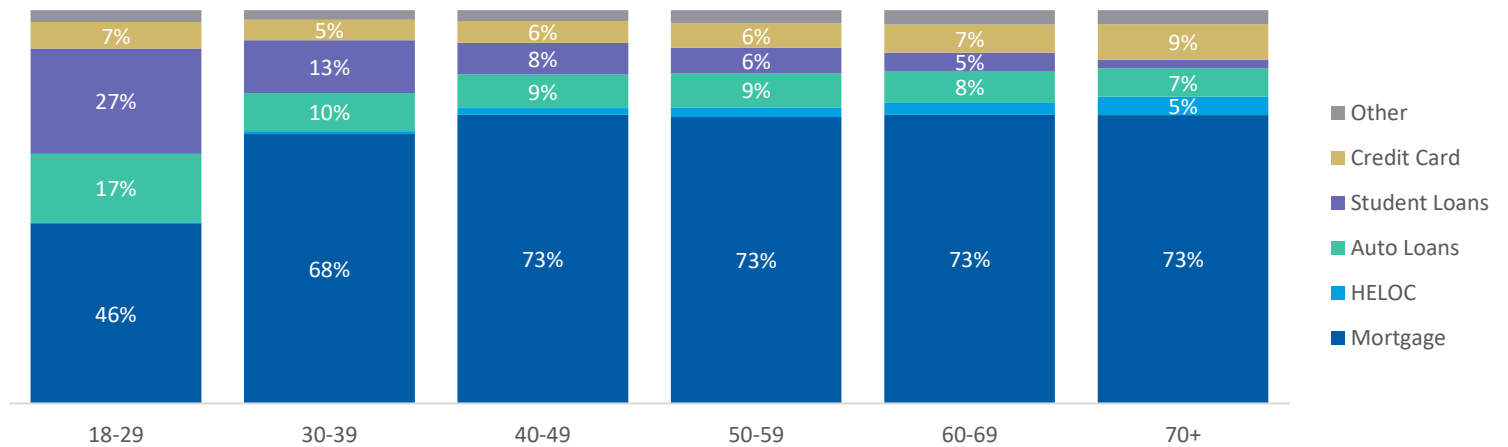
Source: International Monetary Fund

Consumer Debt by Age and Type (\$Trillions):



Consumer Debt (% Breakdown) by Age and Type:

*Numbers below will not add up to 100% as amounts less than 5% are not shown



Source: New York Federal Reserve

Sources:

1. New York Federal Reserve
2. US Bureau of Economic Analysis
3. International Monetary Fund

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28202 Cabot Road, Suite 500
Laguna Niguel, CA 92677
Direct: 949 365 5306

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CRC# 6090337 11/2023



Anouchka Balog, CFP®
Financial Advisor



Rita Kikawa
Portfolio Associate



Christopher Mullery, CRPC®
Business Development Director



Steven Anderson, CFA® CFP®
Portfolio Management Assoc.



Barbara Collette
Senior Registered Assoc.

Visit our website at: <https://advisor.morganstanley.com/the-balog-group>
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