

GLOBAL X

by Mirae Asset

July 2023 Consumer Pulse Survey

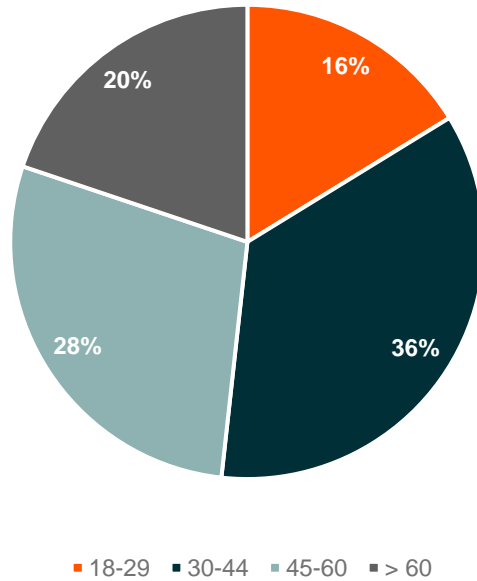
Extreme Weather Events & Economic Repercussions

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Q3 2023

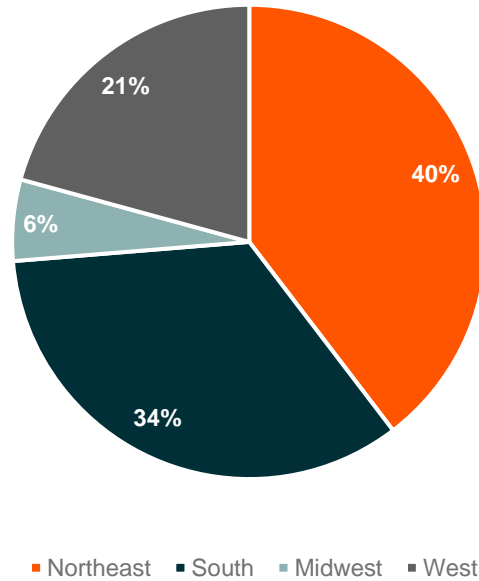
Survey: Age, Region, Lifestyle Demographics

In July 2023, Global X Research surveyed 1,087 individuals in the United States regarding the impact and significance of extreme weather events. This encompasses a range of topics, including exploring the potential link between extreme weather events and their economic ramifications. Additionally, it delves into how these events can influence consumers' personal choices.

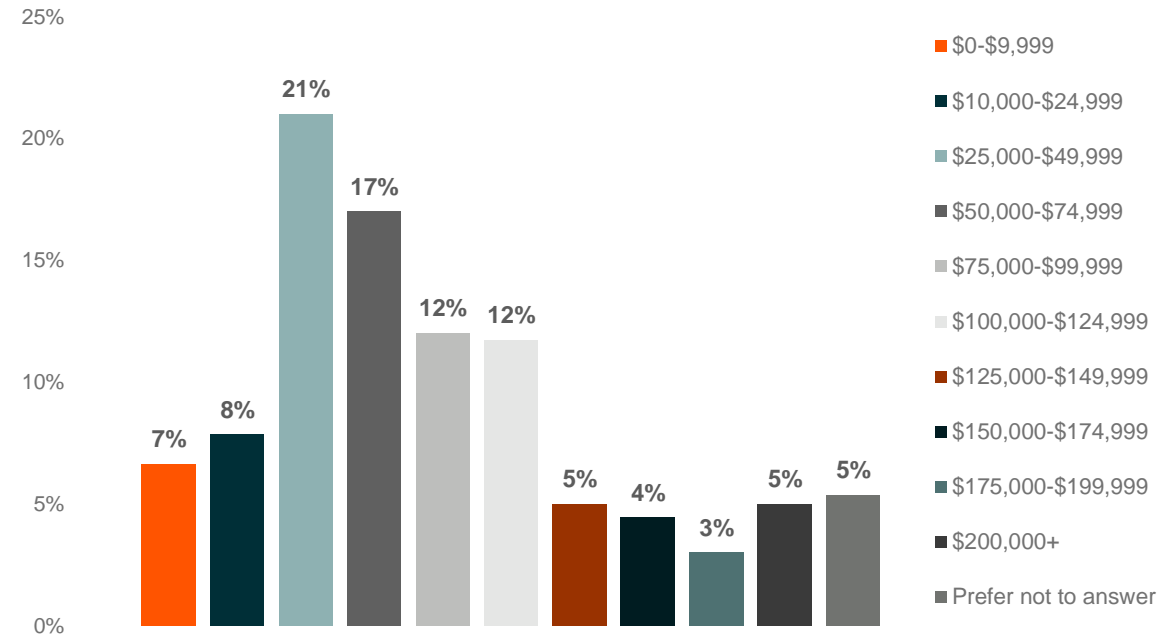
RESPONDENTS BY AGE (%)



RESPONDENTS BY REGION (%)



RESPONDENT HOUSEHOLD INCOME (%)



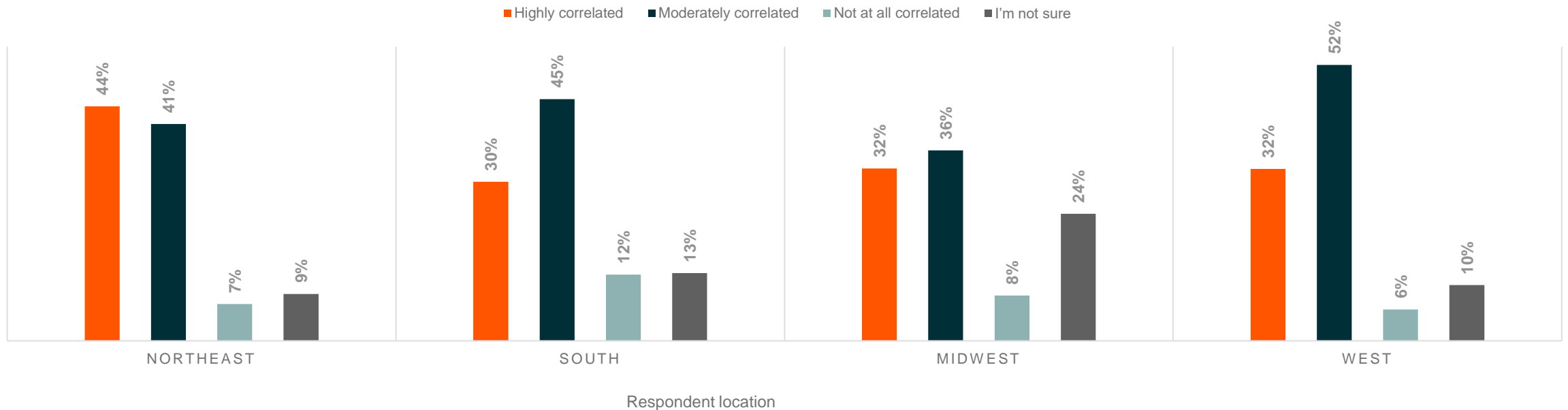
Source: Global X, July 2023.

Coastal Regions Are More Likely to Draw a Relationship Between Climate and the Economy

THE MAJORITY OF RESPONDENTS (81%) FEEL EXTREME WEATHER EVENTS AND ECONOMIC STRAIN ARE CORRELATED. SPECIFICALLY IN THE NORTHEAST (85%), INDIVIDUALS VIEW EXTREME WEATHER EVENTS AND ECONOMIC STRAIN AS AT LEAST MODERATELY CORRELATED, FOLLOWED BY THE WEST (84%), THEN THE SOUTH (75%), AND LASTLY THE MIDWEST (68%)

Q: HOW DO YOU ASSESS THE RELATIONSHIP BETWEEN EXTREME WEATHER EVENTS AND ECONOMIC STRAIN?
(% OF RESPONDENTS)

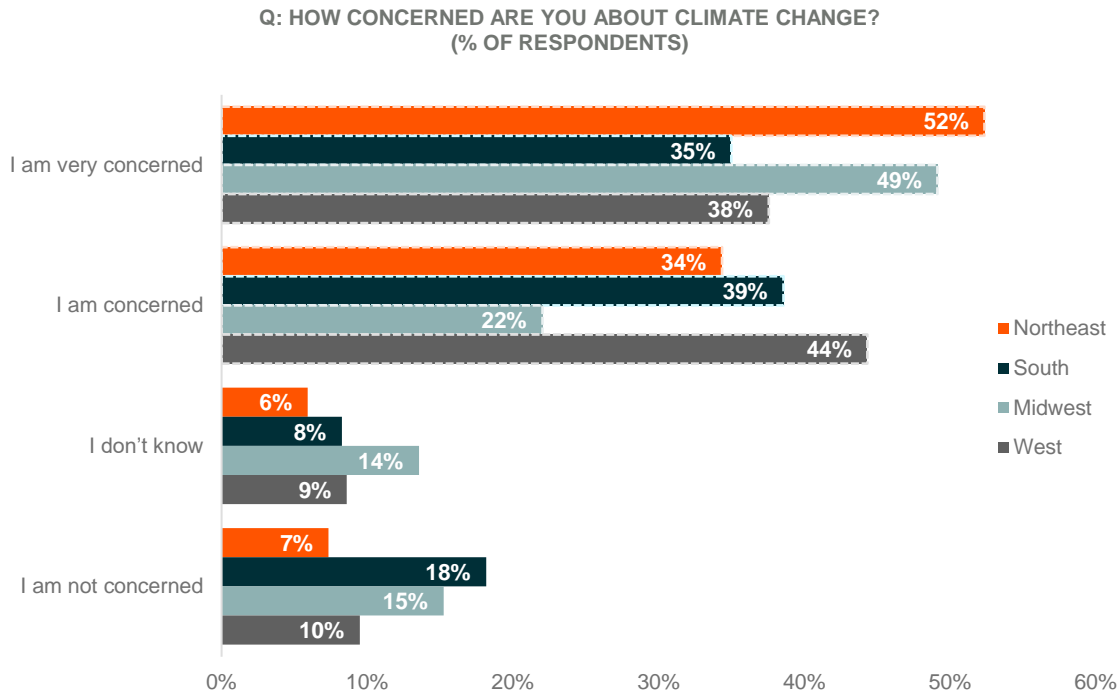
WE DEFINE EXTREME WEATHER AS OCCURRENCES OF UNUSUALLY SEVERE WEATHER OR CLIMATE CONDITIONS THAT CAN CAUSE NEGATIVE IMPACTS ON COMMUNITIES AND ENVIRONMENTS.



Note: N = 1,065
Source: Global X, July 2023.

Extreme Weather Events Have Significantly Impacted Levels of Concern About Climate Change

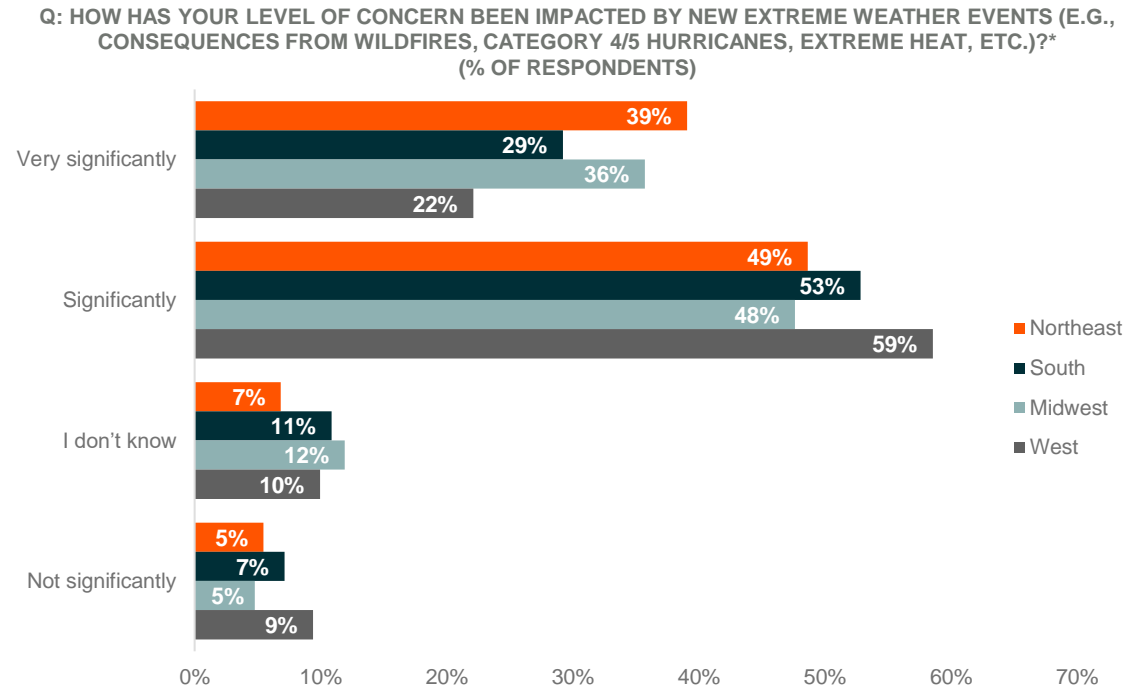
86% OF RESPONDENTS IN THE NORTHEAST ARE CONCERNED ABOUT CLIMATE CHANGE, FOLLOWED BY 82% IN THE WEST



Note: N = 1,065
Source: Global X, July 2023.

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AMONG THOSE CONCERNED ABOUT CLIMATE CHANGE, NEW EXTREME WEATHER EVENTS MOST SIGNIFICANTLY IMPACT THE NORTHEAST



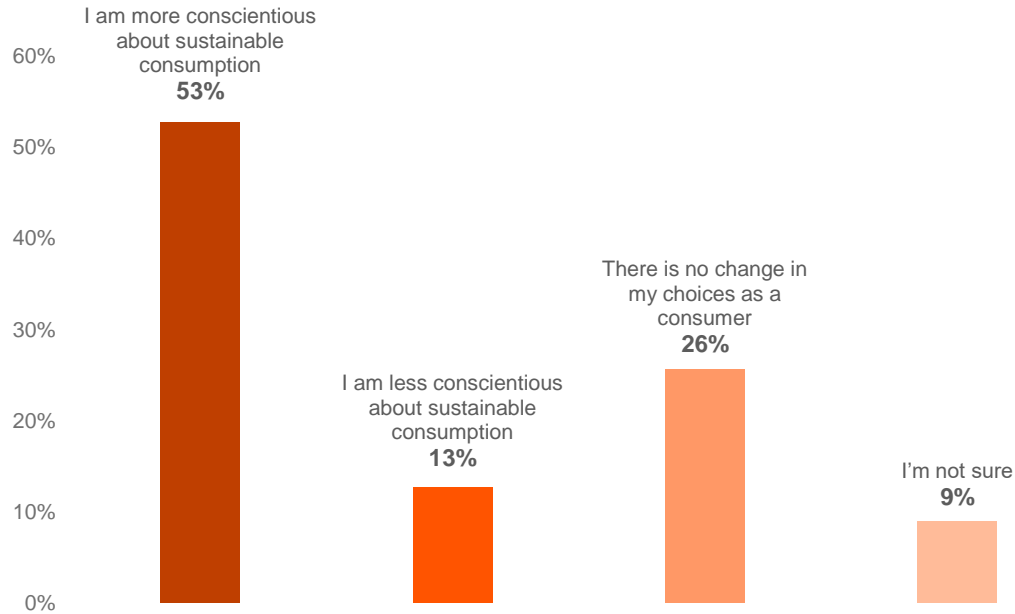
Note: N = 856
*Only answered by individuals who responded "I am very concerned" or "I am concerned" to the previous question.
Source: Global X, July 2023.

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Majority of Consumers Prioritize Conscientious Consumption, Starting in the Home

OVER HALF OF SURVEYED INDIVIDUALS ARE MORE CONSCIENTIOUS ABOUT SUSTAINABLE CONSUMPTION TO MITIGATE EXTREME WEATHER

Q: HOW DOES THE POTENTIAL FOR EXTREME WEATHER IMPACT YOUR CHOICES AS A CONSUMER? (% OF RESPONDENTS)

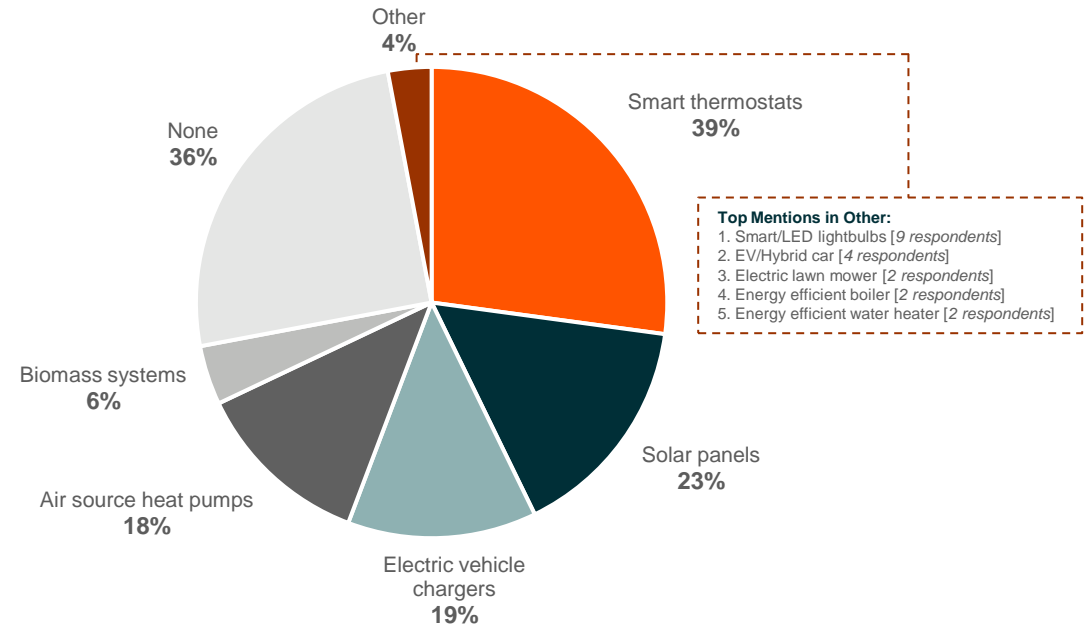


Note: N = 1,087
Source: Global X, July 2023.

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THE MOST COMMON CLEAN TECHNOLOGY INDIVIDUALS USE IN THE HOME IS A SMART THERMOSTAT (39%)

Q: DO YOU UTILIZE ANY ENERGY EFFICIENCY OR CLEAN ENERGY TECHNOLOGIES IN YOUR HOME? CHECK ALL THAT APPLY. (% OF RESPONDENTS)



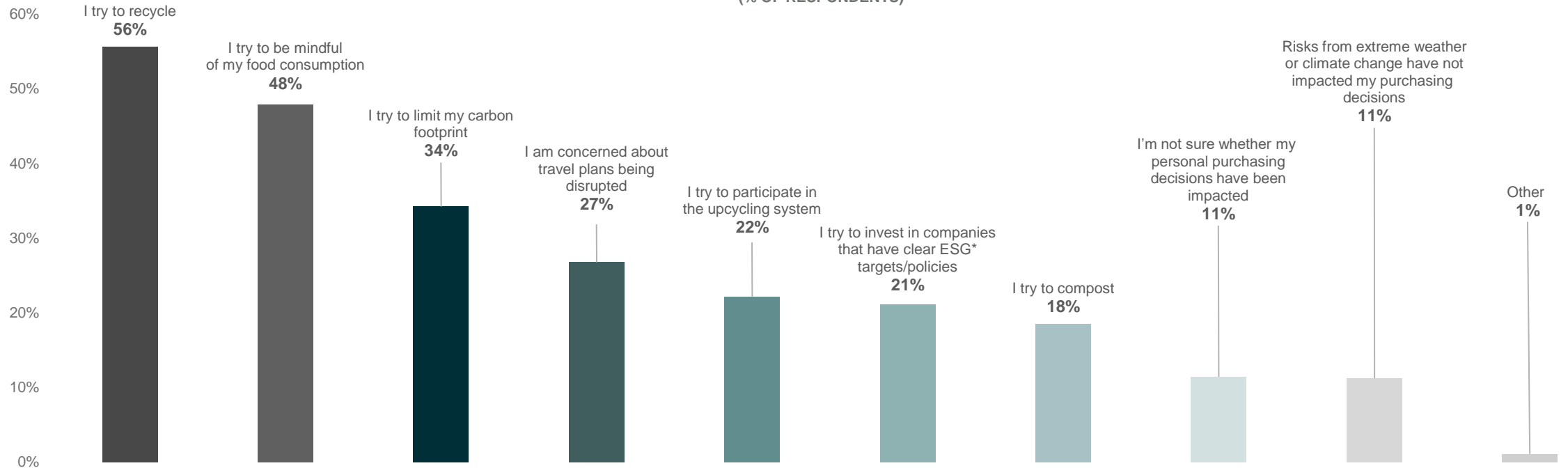
Note: N = 1,087
Source: Global X, July 2023.

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Individuals Most Commonly Try to Limit Waste Production in Their Daily Activities to Combat Climate Change

AS CONSUMERS, SURVEYED INDIVIDUALS TRY TO COMBAT CLIMATE CHANGE THROUGH RECYCLING (56%), FOLLOWED BY MINDFUL FOOD CONSUMPTION (48%), AND LIMITING CARBON FOOTPRINT (34%)

Q: HOW DO RISKS FROM EXTREME WEATHER OR CLIMATE CHANGE IMPACT YOUR PURCHASING DECISIONS? CHECK ALL THAT APPLY.
(% OF RESPONDENTS)



Note: N = 1,087
Source: Global X, July 2023.

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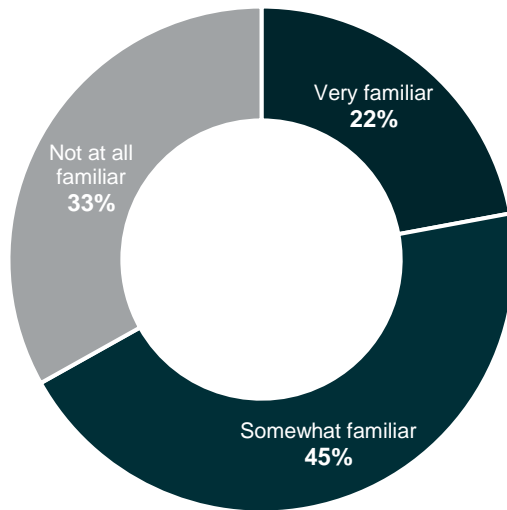
*Environmental, social, and governance (ESG) investing refers to an approach to investing that includes taking the way companies handle environmental issues, social issues and governance issues into account.

Although a Novel Concept, Consumers Are Open to the Idea of Investing in Climate Tech

NEARLY 7 IN 10 RESPONDENTS ARE EITHER VERY FAMILIAR OR SOMEWHAT FAMILIAR WITH CLIMATE TECH

Q: HOW FAMILIAR ARE YOU WITH THE TERM CLIMATE TECH?
(% OF RESPONDENTS)

WE DEFINE CLIMATE TECH AS TECHNOLOGIES THAT ARE PURELY FOCUSED ON REDUCING EMISSIONS AND/OR ADDRESSING THE IMPACTS OF GLOBAL WARMING.

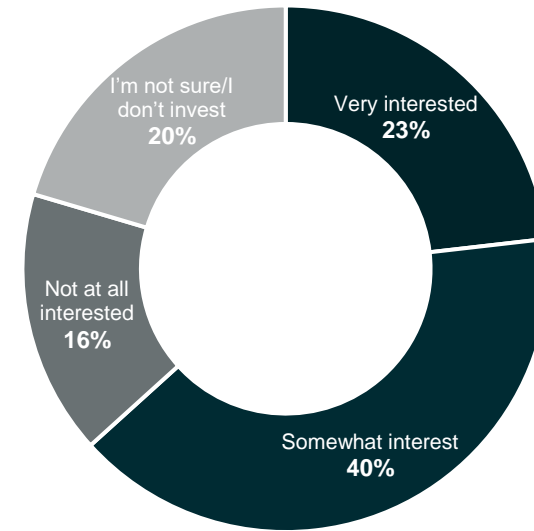


Note: N = 1,087
Source: Global X, July 2023.

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OF THOSE WHO ARE FAMILIAR WITH CLIMATE TECH, NEARLY TWO-THIRDS ARE INTERESTED IN INVESTING IN CLIMATE TECH

Q: HOW INTERESTED ARE YOU IN INVESTING IN COMPANIES THAT ARE CLIMATE TECH DRIVEN?
(% OF RESPONDENTS)



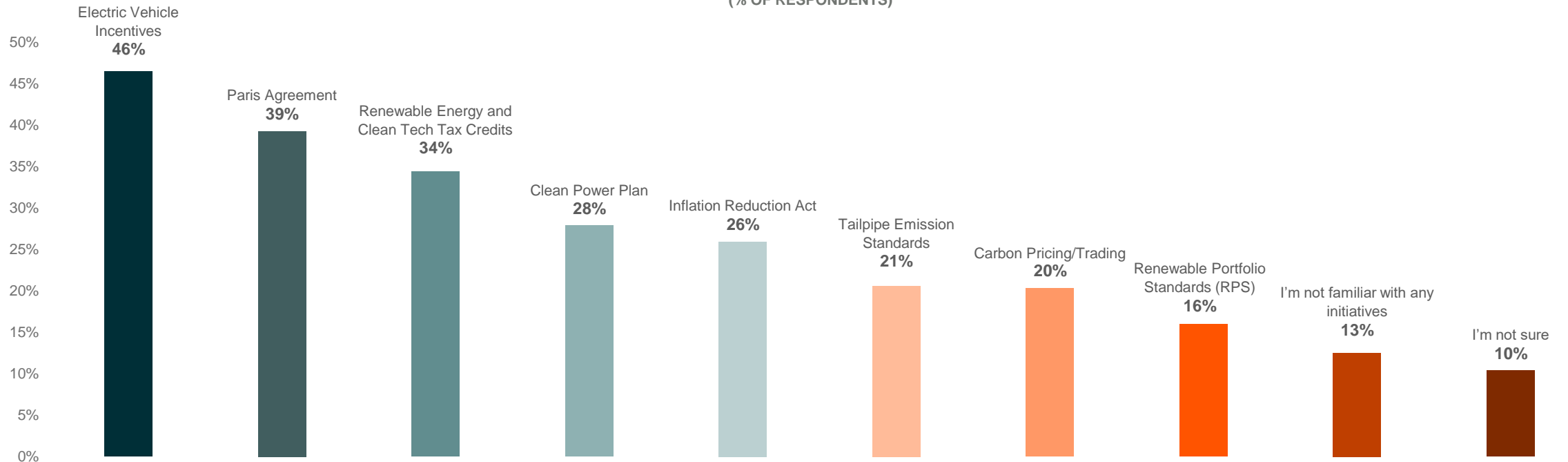
Note: N = 1,087
Source: Global X, July 2023.

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Americans Are Most Familiar With Electric Vehicle Incentives and the Paris Agreement

ACCORDING TO SURVEY RESPONDENTS, THE MOST COMMON CLEAN ENERGY INITIATIVES ARE ELECTRIC VEHICLE INCENTIVES (46%), FOLLOWED BY THE PARIS AGREEMENT (39%), AND RENEWABLE ENERGY AND CLEAN TECH TAX CREDITS (34%)

Q: WHICH CLIMATE INITIATIVES ARE YOU MOST FAMILIAR WITH? CHECK ALL THAT APPLY.
(% OF RESPONDENTS)



Note: N = 1,087
Source: Global X, July 2023.

Global X ETF Suite

Global X 's fund suites comprise of 108 ETFs in total, spanning Thematic Growth, Income, International Access, Commodities, Risk Management, and Other Strategies.¹

Disruptive Technology

Social Media ETF (SOCL)

Lithium & Battery Tech ETF (LIT)

FinTech ETF (FINX)

Internet of Things ETF (SNSR)

Robotics & Artificial Intelligence ETF (BOTZ)

Autonomous & Electric Vehicles ETF (DRIV)

Artificial Intelligence & Technology ETF (AIQ)

Cloud Computing ETF (CLOU)

Video Games & Esports ETF (HERO)

Cybersecurity ETF (BUG)

Data Center REITs & Digital Infrastructure ETF (VPN)

Blockchain & Bitcoin Strategy ETF (BITS)

Blockchain ETF (BKCH)

Metaverse ETF (VR)

PropTech ETF (PTEC)

People & Demographics

Millennial Consumer ETF (MILN)

Aging Population ETF (AGNG)

Health & Wellness ETF (BFIT)

E-commerce ETF (EBIZ)

Cannabis ETF (POTX)

Education ETF (EDUT)

Telemedicine & Digital Health (EDOC)

Genomics & Biotechnology ETF (GNOM)

China Biotech Innovation ETF (CHB)

Emerging Markets Internet & E-commerce ETF (EWEB)

Physical Environment

U.S. Infrastructure Development ETF (PAVE)

Renewable Energy Producers ETF (RNRG)

CleanTech ETF (CTEC)

Clean Water ETF (AQWA)

Wind Energy ETF (WNDY)

Solar ETF (RAYS)

Hydrogen ETF (HYDR)

AgTech & Food Innovation ETF (KROP)

Disruptive Materials ETF (DMAT)

Green Building ETF (GRNR)

Multi-Theme

Thematic Growth ETF (GXTG)

China Innovation ETF (KEJI)

Dividend

SuperDividend ETF (SDIV)

SuperDividend U.S. ETF (DIV)

MSCI SuperDividend EAFE ETF (EFAS)

MSCI SuperDividend Emerging Markets ETF (SDEM)

SuperDividend REIT ETF (SRET)

Alternative Income ETF (ALTY)

S&P 500 Quality Dividend ETF (QDIV)

Covered Call

Dow 30 Covered Call ETF (DJIA)

Nasdaq 100 Covered Call ETF (QYLD)

S&P 500 Covered Call ETF (XYLD)

Russell 2000 Covered Call ETF (RYLD)

Nasdaq 100 Covered Call & Growth ETF (QYLG)

¹As of July 17, 2023

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S&P 500 Covered Call & Growth ETF (XYLG)

Russell 2000 Covered Call & Growth ETF (RYLG)

Financials Covered Call & Growth ETF (FYLK)

Information Technology Covered Call & Growth ETF (TYLG)

Health Care Covered Call & Growth ETF (HYLG)

Nasdaq 100 ESG Covered Call ETF (QYLE)

S&P 500 ESG Covered Call ETF (XYLE)

Preferreds

U.S. Preferred ETF (PFFD)

Variable Rate Preferred ETF (PFFV)

SuperIncome Preferred ETF (SPFF)

MLPs

MLP ETF (MLPA)

MLP & Energy Infrastructure ETF (MLPX)

Fixed Income

Emerging Markets Bond ETF (EMBD)

1-3 Month T-Bill ETF (CLIP)

U.S. Cash Flow Kings ETF (FLOW)

¹As of July 17, 2023

Risk Managed Income

Nasdaq 100 Risk Managed Income ETF (QRMI)

S&P 500 Risk Managed Income ETF (XRMI)

Alpha

Guru Index ETF (GURU)

Founder-Run Companies ETF (BOSS)

Adaptive

Adaptive U.S. Factor ETF (AUSF)

China Sector

MSCI China Energy ETF (CHIE)

MSCI China Materials ETF (CHIM)

MSCI China Industrials ETF (CHII)

MSCI China Consumer Discretionary ETF (CHIQ)

MSCI China Consumer Staples ETF (CHIS)

MSCI China Health Care ETF (CHIH)

MSCI China Financials ETF (CHIX)

MSCI China Information Technology ETF (CHIK)

MSCI China Communication Services ETF (CHIC)

MSCI China Utilities ETF (CHIU)

MSCI China Real Estate ETF (CHIR)

Single-Country

MSCI Argentina ETF (ARGT)

DAX Germany ETF (DAX)

MSCI Greece ETF (GREK)

MSCI Colombia ETF (GXG)

MSCI Nigeria ETF (NGE)

MSCI Norway ETF (NORW)

MSCI Pakistan ETF (PAK)

MSCI Portugal ETF (PGAL)

MSCI Vietnam ETF (VNAM)

Regional

MSCI Next Emerging & Frontier ETF (EMFM)

FTSE Southeast Asia ETF (ASEA)

Emerging Markets ETF (EMM)

Emerging Markets Great Consumer ETF (EMC)

Commodities

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Silver Miners ETF (SIL)

Gold Explorers ETF (GOEX)

Copper Miners ETF (COPX)

Uranium ETF (URA)

Sustainable Investing

Conscious Companies ETF (KRMA)

Carbon Credits Strategy ETF (NTRL)

Faith-Based

S&P 500 Catholic Values ETF (CATH)

S&P 500 Catholic Values Developed ex-U.S. ETF (CEFA)

Risk Management

Adaptive U.S. Risk Management ETF (ONOF)

Nasdaq 100 Collar 95-110 ETF (QCLR)

Nasdaq 100 Tail Risk ETF (QTR)

S&P 500 Collar 95-110 ETF (XCLR)

S&P 500 Tail Risk ETF (XTR)

Interest Rate Hedge ETF (RATE)

Interest Rate Volatility & Inflation Hedge ETF (IRVH)

¹As of July 17, 2023

Risk Information

Investing involves risk. Narrowly focused investments may be subject to higher volatility. The investable universe for thematic ETFs may be limited. Technology themed investments may be subject to rapid changes in technology, intense competition, rapid obsolescence of products and services, loss of intellectual property protections, evolving industry standards and frequent new product productions, and changes in business cycles and government regulation. International investments, including emerging markets, may involve risk of capital loss from unfavorable fluctuation in currency values, from differences in generally accepted accounting principles or from social, economic or political instability in other nations.

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