

GLOBAL X

by Mirae Asset

# March 2023 Survey

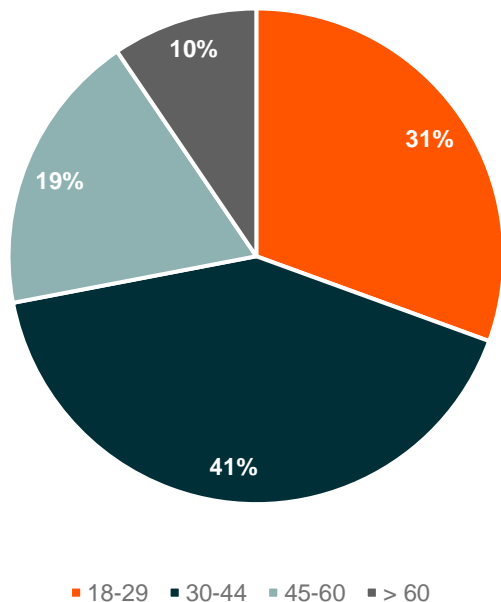
Digital Health Trends & Technologies

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Q1 2023

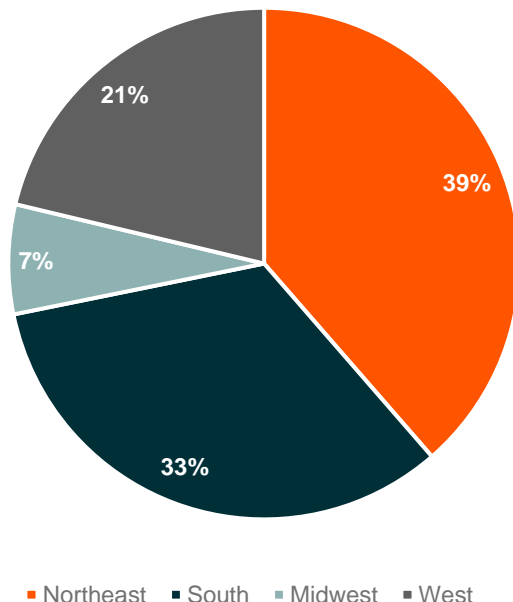
## Survey: Age, Region, Lifestyle Demographics

In March 2023, Global X Research surveyed 1,032 individuals in the United States regarding their openness to and reservations regarding digital health and wearables. This includes likelihood of utilizing the technology, artificial intelligence’s role in digital health, and comfort with automatic sharing of personal medical information.

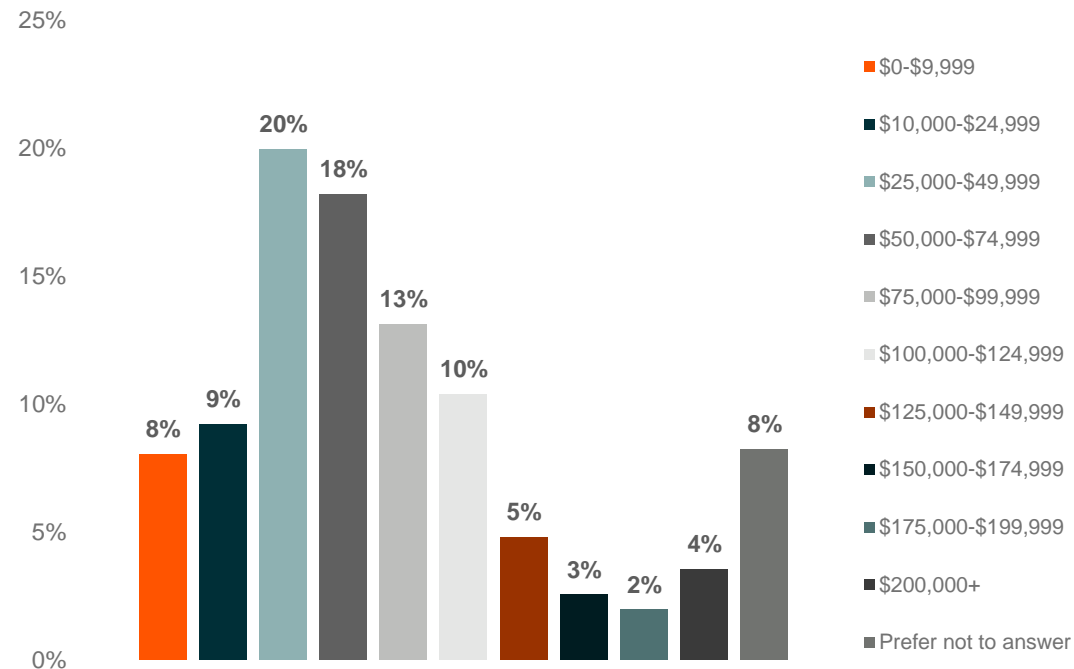
RESPONDENTS BY AGE (%)



RESPONDENTS BY REGION (%)



RESPONDENT HOUSEHOLD INCOME (%)

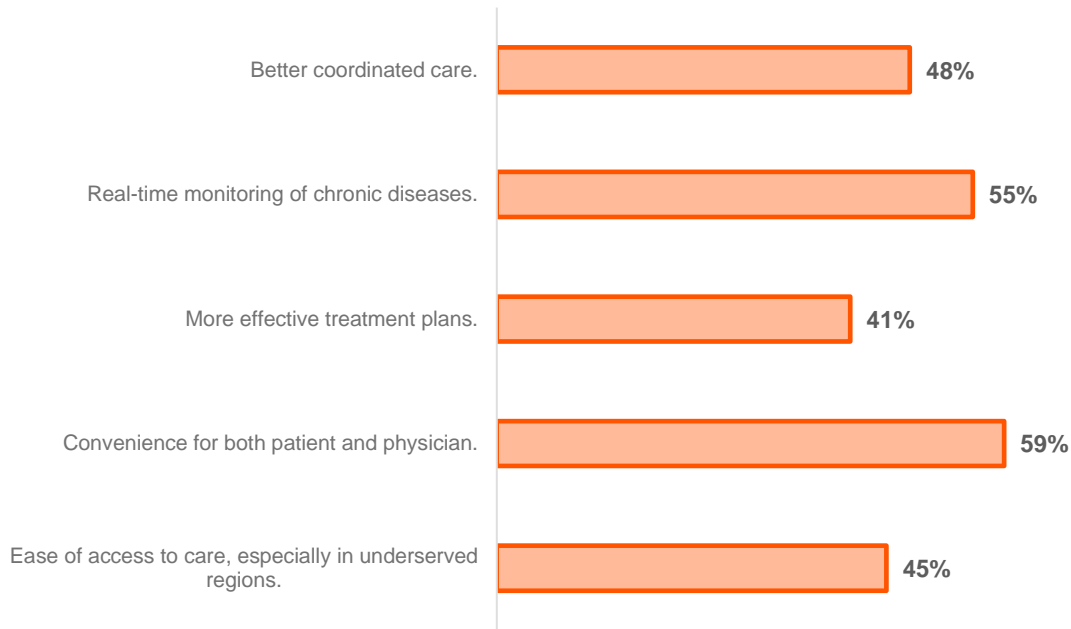


Source: Global X, March 2023.

## Americans Realize the Positive Attributes of Digital Healthcare and Are Willing to Partake

### OVER 50% OF RESPONDENTS PERCEIVE REAL-TIME MONITORING AND CONVENIENCE AS POSITIVES FOR DIGITAL HEALTHCARE

Q: WHICH OF THE FOLLOWING DO YOU PERCEIVE TO BE BENEFITS OF DIGITAL HEALTHCARE? CHECK ALL THAT APPLY.  
(% OF RESPONDENTS)

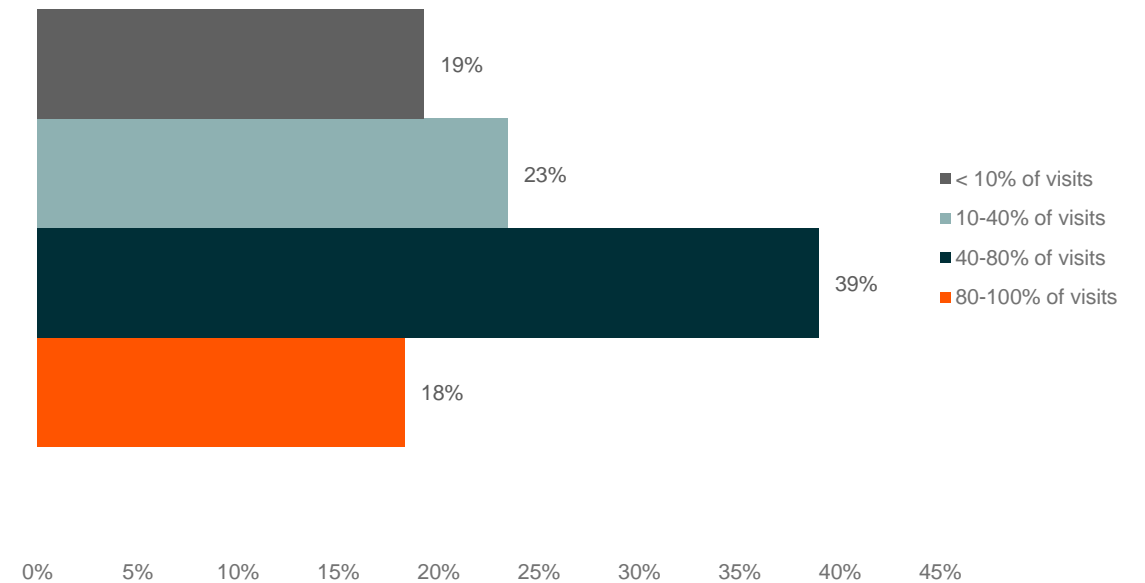


Note: N = 1,032; Respondents had to select at least one response choice.  
Source: Global X, March 2023.



### NEARLY THREE-FIFTHS OF SURVEYED INDIVIDUALS WOULD UTILIZE TELEMEDICINE FOR OVER 40% OF VISITS

Q: PATIENTS WHO USE TELEMEDICINE HAVE SHOWN TO HAVE 19% FEWER VISITS TO THE EMERGENCY ROOM OR URGENT CARE.<sup>1</sup> HOW OFTEN ARE YOU INCLINED TO UTILIZE TELEMEDICINE, IF AVAILABLE?  
(% OF RESPONDENTS)



Note: N = 1,032  
Source: Global X, March 2023.

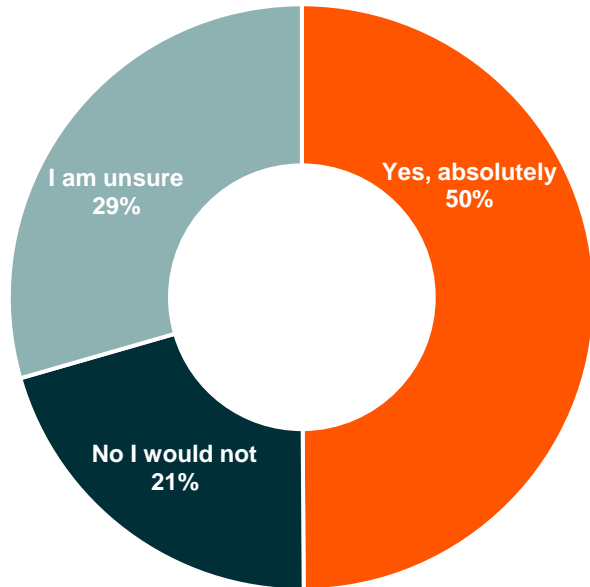


1. Fierce Healthcare. (2022, January 21). Cigna study: Virtual care can reduce unnecessary ER, urgent care visits by 19%.

## Given Emergency Situations, Surveyed Individuals Are Even More Open to Automated Processes

### 50% OF RESPONDENTS SUPPORT AUTOMATIC SHARING OF MEDICAL INFORMATION/HISTORY, WHILE NEARLY 30% ARE UNSURE

Q: WOULD YOU FEEL COMFORTABLE WITH SHARING YOUR MEDICAL INFORMATION/HISTORY IF IT MEANT DOCTORS AND HEALTH PERSONNEL AUTOMATICALLY HAD ACCESS TO YOUR NECESSARY CARE INFORMATION WITHOUT THE NEED FOR YOU TO FILL OUT FORMS AT VISITS?  
(% OF RESPONDENTS)

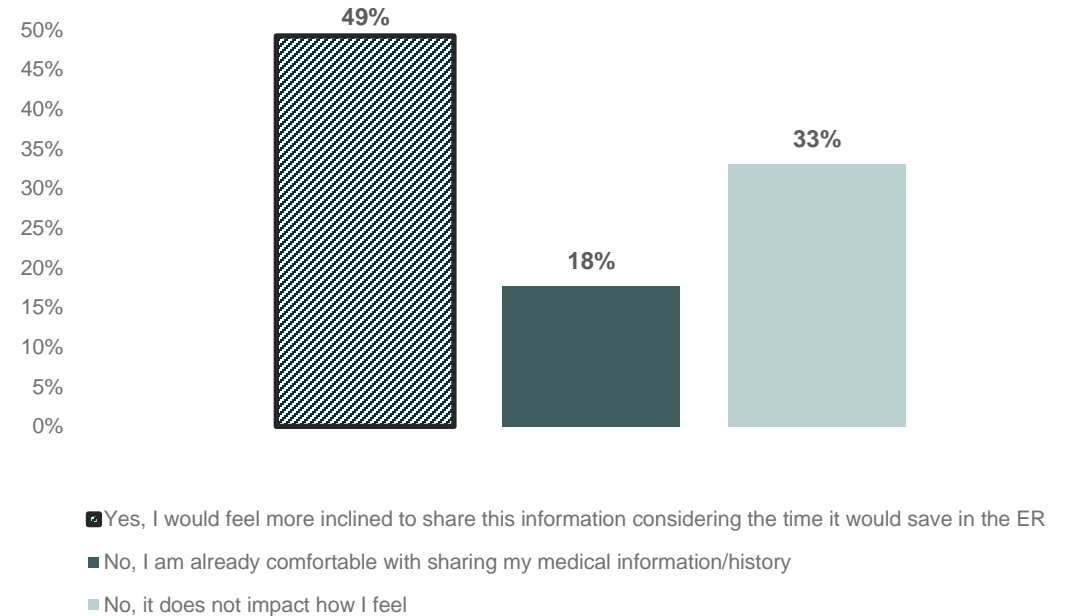


Note: N = 1,032  
Source: Global X, March 2023.



### ABOUT 50% OF RESPONDENTS WOULD FEEL MORE COMFORTABLE WITH AUTOMATIC SHARING GIVEN THE CONTEXT OF ER VISITS

Q: WOULD YOUR ANSWER TO THE PREVIOUS QUESTION (LEFT) CHANGE ON THE PREMISE OF EMERGENCY ROOM (ER) VISITS?  
(% OF RESPONDENTS)



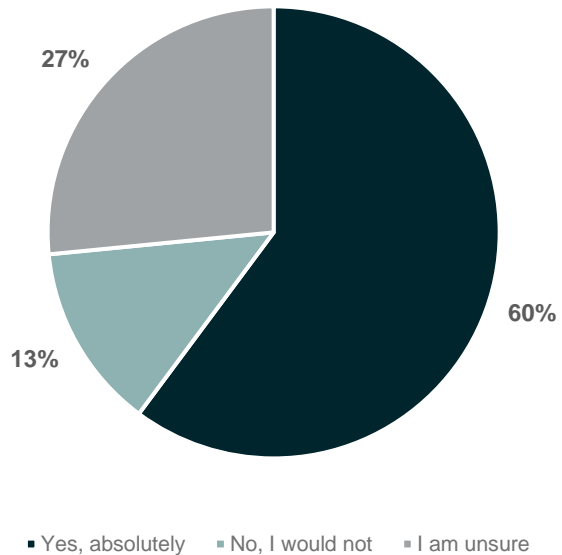
Note: N = 1,032  
Source: Global X, March 2023.



## Wearable Technology May Provide Peace of Mind for Those With Elderly Loved Ones

### 60% OF INDIVIDUALS WOULD UTILIZE WEARABLE TECHNOLOGY FOR CHRONIC ILLNESSES, WHILE ABOUT 30% ARE UNSURE

Q: CONTINUOUS GLUCOSE MONITORS HAVE BEEN PROVEN TO DECREASE DIABETES-RELATED HOSPITALIZATIONS BY 67%.<sup>1</sup> WOULD YOU UTILIZE A WEARABLE SENSOR FOR A CHRONIC ILLNESS, IF APPROPRIATE?  
(% OF RESPONDENTS)



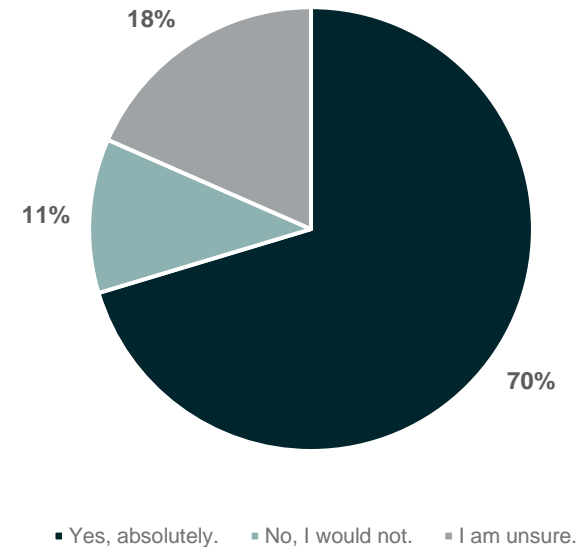
Note: N = 1,032  
Source: Global X, March 2023.



1. Abbott Media Room. (2022, September, 20). NEW DATA SHOWS THAT ABBOTT'S FREESTYLE LIBRE® SYSTEM REDUCES DIABETES-RELATED HOSPITALIZATIONS FOR PEOPLE WITH TYPE 2 DIABETES ON ONCE-DAILY INSULIN.

### WHEN IT COMES TO ELDERLY LOVED ONES, 70% ARE OPEN TO WEARABLE TECHNOLOGY, WHILE ONLY ABOUT 20% ARE UNSURE

Q: WOULD YOU ENCOURAGE AN ELDERLY LOVED ONE TO UTILIZE A WEARABLE SENSOR THAT COULD AUTOMATICALLY TRANSMIT HEALTH VITALS TO THEIR PHYSICIAN AND ALERT EMERGENCY SERVICES, IF NEEDED?  
(% OF RESPONDENTS)



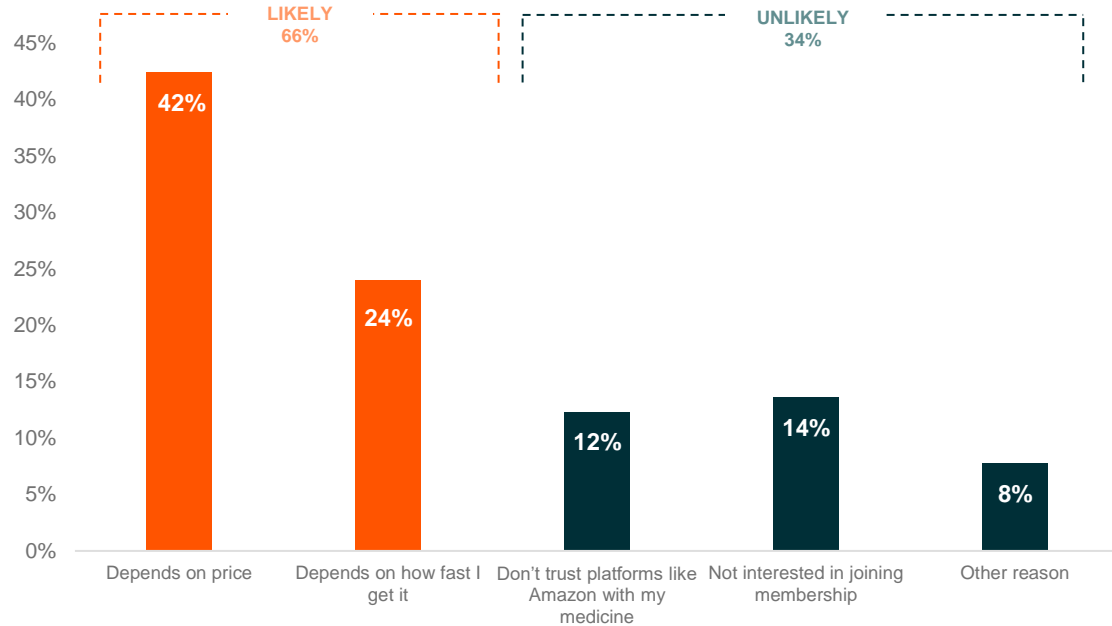
Note: N = 1,032  
Source: Global X, March 2023.



## Despite Mild Skepticism, Most Americans Are Open to New Forms of Medication Delivery

### TWO-THIRDS OF RESPONDENTS LEAN LIKELY TO PURCHASE MEDICATIONS THROUGH ONLINE PHARMACY SERVICES

Q: HOW LIKELY ARE YOU TO UTILIZE ONLINE PHARMACY SERVICES (I.E. AMAZON PHARMACY) FOR DELIVERY OF MEDICATIONS TO YOUR HOME?  
(% OF RESPONDENTS)

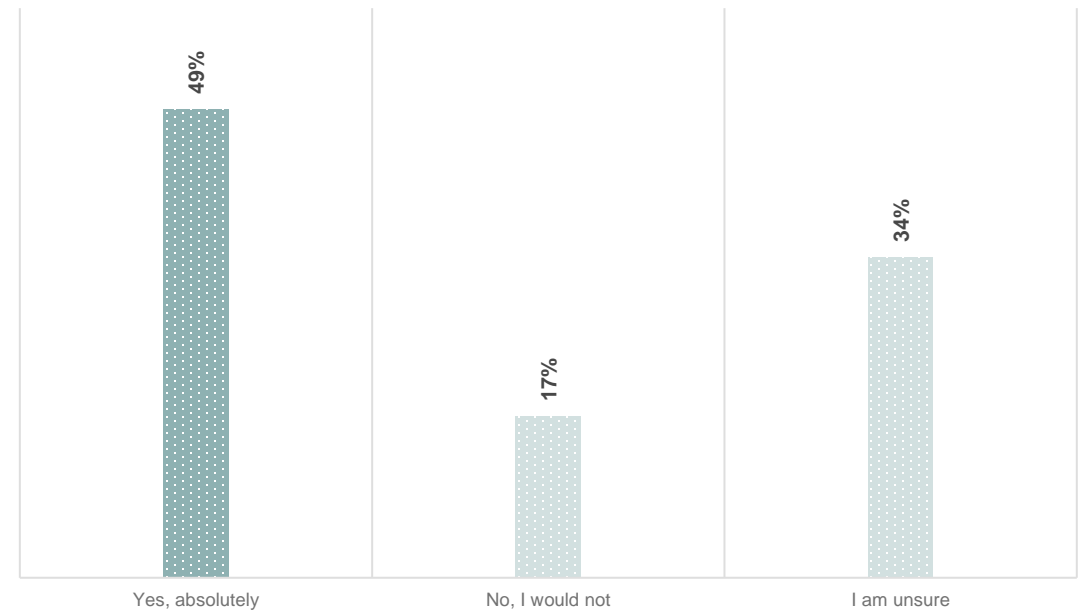


Note: N = 1,032  
Source: Global X, March 2023.

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### NEARLY HALF OF RESPONDENTS SEE VALUE IN AUTOMATIC DRUG DELIVERY THROUGH WEARABLES

Q: WOULD YOU SUPPORT AUTOMATIC DRUG DELIVERY, IN WHICH A DEVICE COULD DETECT WHEN A PATIENT NEEDS A DOSE OF MEDICATION AND DELIVER IT AS NEEDED? E.G. AUTOMATIC DELIVERY OF EPINEPHRINE WHEN A PATIENT GOES INTO ANAPHYLACTIC SHOCK.  
(% OF RESPONDENTS)



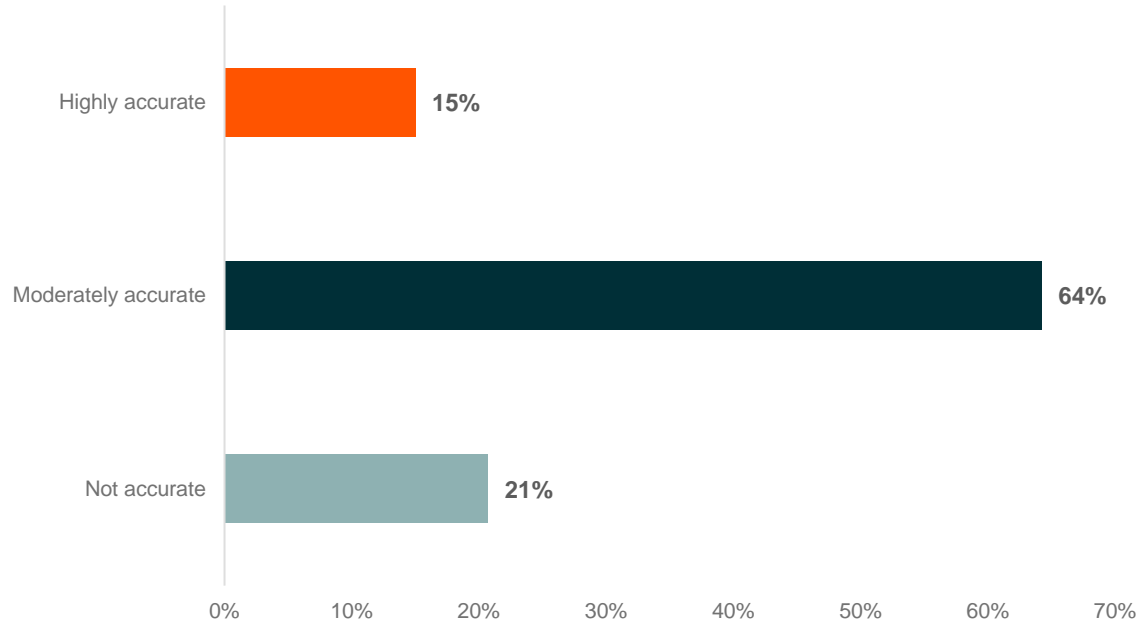
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## Respondents Are Slightly More Receptive to Wearable Technology Than AI-Powered Drug Development

### AI IS SEEN AS MODERATELY ACCURATE IN DRUG DEVELOPMENT BY THE MAJORITY OF SURVEYED INDIVIDUALS

Q: ARTIFICIAL INTELLIGENCE (AI) OFFERS TO HELP PREDICT EFFICACY AND SAFETY OF AN INVESTIGATIONAL DRUG IN HUMANS, PRIOR TO IN-HUMAN CLINICAL TRIALS. HOW RELIABLE DO YOU BELIEVE AI IN DRUG DEVELOPMENT IS? (% OF RESPONDENTS)

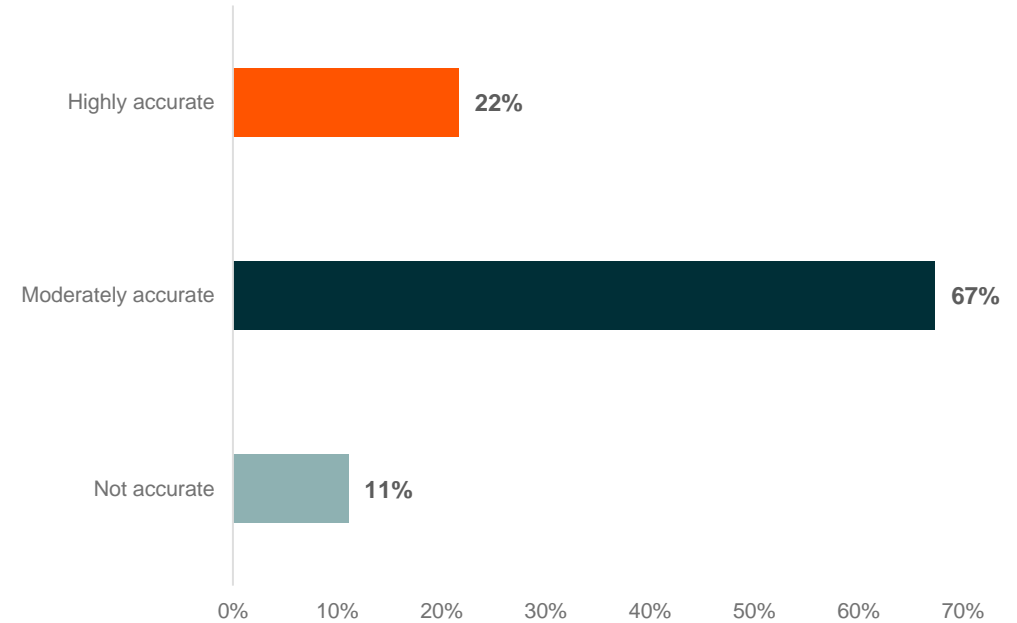


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Source: Global X, March 2023.

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### NEARLY 90% OF RESPONDENTS VIEW FDA-APPROVED WEARABLE DEVICES AS AT LEAST MODERATELY ACCURATE

Q: HOW ACCURATE DO YOU PERCEIVE FDA-APPROVED WEARABLE DEVICES (I.E. APPLE WATCH) TO BE IN DETECTING HEALTH-RELATED CONDITIONS LIKE IRREGULAR HEART RHYTHMS? (% OF RESPONDENTS)



Note: N = 1,032  
Source: Global X, March 2023.

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## Global X ETF Suite

Global X's fund suites comprise of 102 ETFs in total, spanning Thematic Growth, Income, International Access, Commodities, Risk Management, and Other Strategies.<sup>1</sup>

### 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)

### 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)

<sup>1</sup>As of March 21, 2023



## Global X ETF Suite

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

Russell 2000 Covered Call & Growth ETF (RYLG)

Financials Covered Call & Growth ETF (FYLG)

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)

### 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)

### Commodities

Silver Miners ETF (SIL)

Gold Explorers ETF (GOEX)

Copper Miners ETF (COPX)

Uranium ETF (URA)

<sup>1</sup>As of March 21, 2023

## Global X ETF Suite

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### Sustainable Investing

Conscious Companies ETF (KRMA)

### 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)

<sup>1</sup>As of March 21, 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 and Health Care 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.

***Carefully consider the Funds' investment objectives, risk factors, charges, and expenses before investing. This and additional information can be found in the Funds' summary or full prospectus, which may be obtained by calling 1.888.493.8631, or by visiting [globalxetfs.com](http://globalxetfs.com). Please read the prospectus carefully before investing.***

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