

GLOBAL X ETFs RESEARCH

The Next Big Theme: June 2021

Authored by:

Pedro Palandrani,
Andrew Little

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Topic: Disruptive
Technology, Physical
Environment, People &
Demographics



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Genomics

Surveilling Virus Variants

Genomic surveillance is a key piece of defending against SARS-CoV-2 and its variants, including those detected in the UK, South Africa, Brazil, and India. The Pan American Health Organization established the COVID-19 Genomic Surveillance Regional Network for routine virus genomic sequencing. Currently, 22 countries worldwide participate.¹ Researchers can use genomic sequencing and related sciences to gain a better understanding of transmission by tracking mutations over time to determine variants' lineages. Information on mutation is also useful for determining whether a virus has evolved in ways that could impact interventions like vaccines and other therapeutics. Additionally, genomic information taken from humans could help determine who might be susceptible to increased infection and health risks, and which interventions are suitable for different individuals.

Electric Vehicles

Clean Energy for America Act Puts a Charge in EVs

The Senate Finance Committee advanced the Clean Energy for America Act, which now moves to the Senate for ratification. The bill's language around tax credits for electric vehicles (EVs) is particularly noteworthy. Under current law, consumers receive up to a \$7,500 federal tax credit for buying eligible EVs – however, this credit is limited to the first 200,000 EVs sold by each car company. Tesla and GM have already exceeded these sales limits, meaning their customers no longer receive this credit. The Clean Energy for America Act would extend the \$7,500 credit for as long as EVs represent less than 50% of total car sales in the U.S. Thereafter, the tax credit is phased out over three years. The bill also includes a \$2,500 tax credit for new qualified plug-in electric drive motor vehicles for which the final assembly is at a facility in the U.S. before 2026. Another \$2,500 is available if that vehicle is assembled at a facility whose production workers are members of a represented labor organization. In total, EVs would be eligible for a maximum tax credit of \$12,500. Should the bill pass, the sticker price for certain EVs could become significantly cheaper than similar internal combustion engine vehicles.



Cybersecurity

DHS Moves to Secure Pipelines

The Department of Homeland Security (DHS) is taking steps to mitigate the effects of the ransomware cyberattack on the Colonial Pipeline and to prevent future attacks on the country's energy infrastructure. The attack on Colonial resulted in an 11-day shutdown for the company and widespread gasoline shortages along the East Coast.² The Transportation Security Administration (TSA), which oversees pipeline security, will work with the Cybersecurity and Infrastructure Security Agency (CISA) to increase surveillance of the nation's pipelines. Cybersecurity staffing deficits will be addressed and previously voluntary cyberattack reports for pipeline companies will become mandatory. New rules may also require companies to appoint cyber officials who have around-the-clock contact with federal authorities.³ The upward trajectory in the number of cyber threat events like Colonial's is expected to continue to boost global cybersecurity spending and refocus governments' attention on cyber defense for critical industries.

Internet of Things

Governments Deem Semiconductors Essential

Semiconductors are critical components for connected devices, from cars, to TVs, and appliances. With a global chip shortage paralyzing certain industries from participating in the re-opening economic recovery, governments are getting uneasy. In some instances, they are investing billions of dollars into domestic manufacturing supply chains. South Korea recently committed a massive \$452 billion to its chip industry by 2030.⁴ With the help of industry giant Samsung Electronics, the government's "K-Semiconductor Strategy" offers the semiconductor industry tax breaks, financing, and infrastructure. Prior to South Korea's announcement, the U.S. government proposed a \$50 billion plan to accelerate on-shore chipmaking and research, and China pledged approximately \$150 billion to its own semiconductor industry.^{5,6} The European Union said that it wants 20% of the world's semiconductors to be manufactured in Europe by 2030 and directed \$160 billion for tech investment, including semiconductors.⁷ In the 21st century a secure and domestic semiconductor supply chain is becoming akin to energy independence strategies of previous decades.

FinTech

PayPal Sheds Light on QR Code and BNPL Growth Potential

PayPal reported that 1 million merchants now use the QR code payments feature that it launched in May 2020.⁸ In Q1 2021, PayPal processed \$6.4 billion from QR codes and card payments in-store.⁹ PayPal also reported that the Buy Now, Pay Later (BNPL) feature it launched last September processed \$1 billion in Q1, up 36% quarter-over-quarter (QoQ).¹⁰ As of Q1, 330,000 merchants accepted BNPL, up 33% QoQ.¹¹ PayPal counted 3.3 million BNPL unique active users, a 19% QoQ increase.¹² Notably, BNPL has a high repeat rate: 50% of BNPL users use it again within three months and 70% use it again within six months.¹³ With early adoption numbers like these, QR code and BNPL growth rates could eventually prove to be some of the fastest growing segments within the FinTech ecosystem.



Social Media

Platforms Hop on the Monetization Train

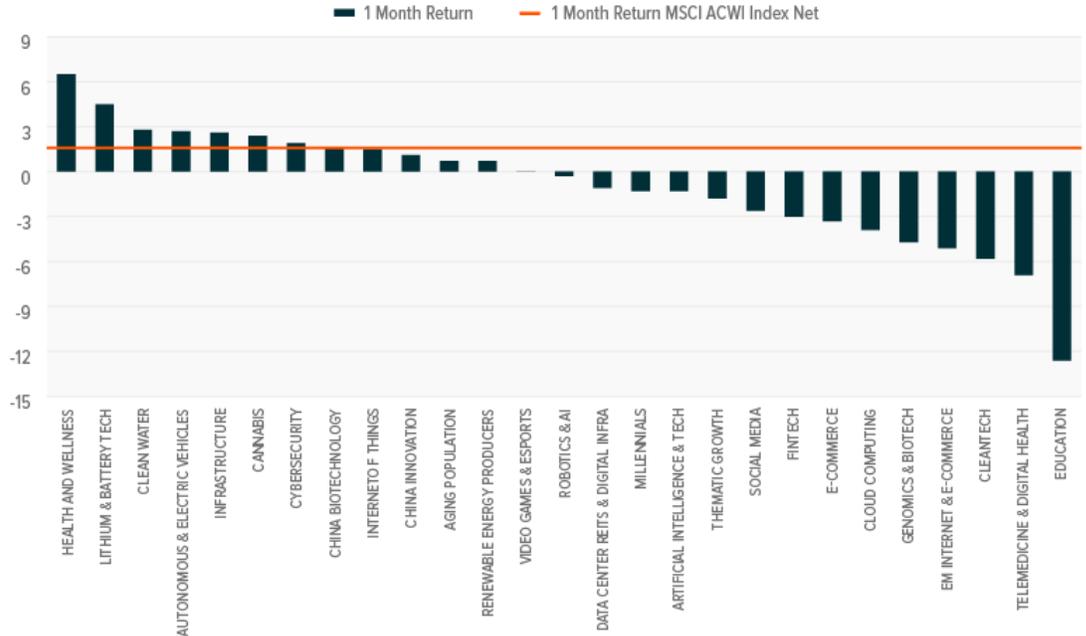
Social media platforms are increasingly blending elements of e-commerce, streaming, gaming, and fintech, all of which increase user engagement and monetization opportunities. But key to platforms' success, particularly in these new features, is properly incentivizing content creators. Snapchat announced that it will permit users to tip high-profile creators with "gifts" via chat, which they can cash out. Twitter released its Tip Jar feature for users to send money to their favorite creators through Bandcamp, Cash App, Patreon, PayPal, or Venmo. Twitter will also offer a "Super Follows" feature that let users pay to see exclusive tweets.¹⁴ Facebook recently curated a pay-per-view streaming platform for sports, where 17,000 fans spent \$2.99 each for a virtual ticket.¹⁵ And Instagram introduced a marketplace to link brands with targeted users and Creator Shops, which act as virtual stores for creators to sell their products.¹⁶ Such monetization initiatives incentivize engaging content and diversify social media revenues away from advertising.

THE NUMBERS

The following charts examine returns and sales growth expectations by theme, based on their corresponding ETFs.

MAY 2021 THEMATIC ETF RETURNS

Source: Bloomberg, May 31, 2021, Global X ETFs.

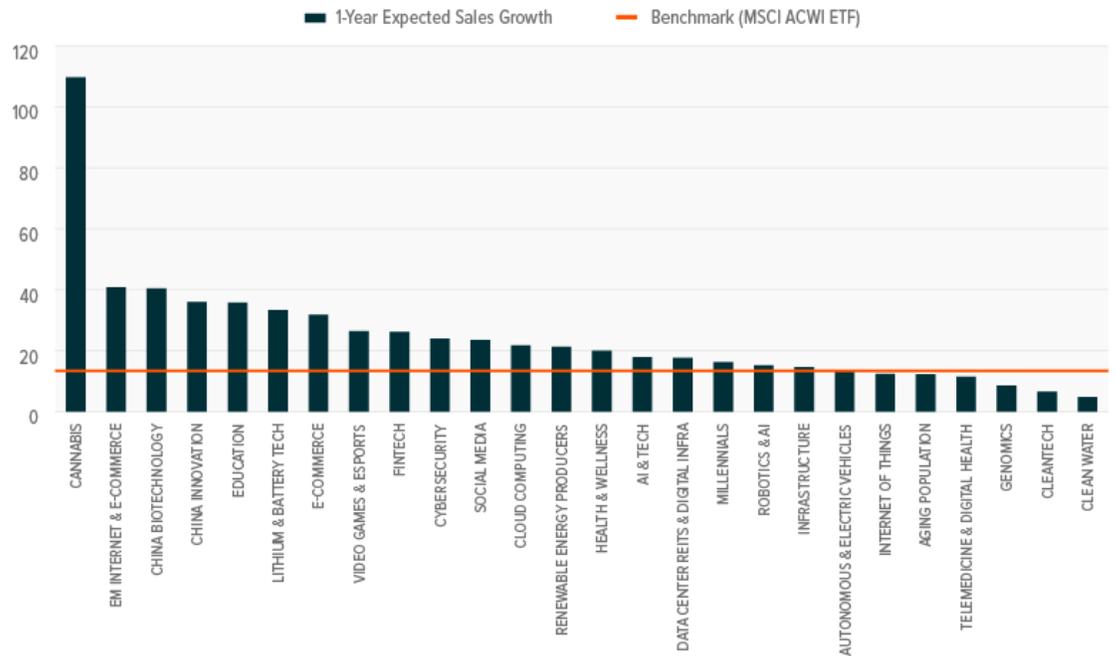


Note: The performance data quoted represents past performance and does not guarantee future results.



THEMATIC SALES GROWTH

Source: Bloomberg, May 31, 2021, Global X ETFs.



Note: Forward looking based on data and analysis from 05/31/2021.
1 year annualized forward sales growth is the consensus analyst expectations for total sales growth in the next 12 months.

Standard Performance			Cumulative % Data as of month end 5/31/21			Avg. Annualized % Data as of quarter end 3/31/21					
	Gross Expense Ratio	Net Expense Ratio	1 Month	3 Month	Since Inception	1 Year	3 Year	5 Year	10 Year	Since Inception	
Robotics & Artificial Intelligence Inception Date 9/12/2016	0.68%	0.68%	NAV	-0.23%	2.36%	137.16%	80.86%	12.27%	-	-	19.89%
			Market Price	-0.26%	1.87%	136.96%	82.58%	12.02%	-	-	20.01%
			Index	-0.47%	2.11%	139.41%	81.42%	12.20%	-	-	20.17%
FinTech Inception Date 9/12/2016	0.68%	0.68%	NAV	-3.05%	-3.87%	200.29%	82.01%	23.64%	-	-	26.62%
			Market Price	-2.97%	-4.08%	200.22%	82.05%	23.70%	-	-	26.70%
			Index	-2.99%	-3.72%	209.57%	83.14%	24.45%	-	-	27.44%
Internet of Things Inception Date 9/12/2016	0.68%	0.68%	NAV	1.70%	3.09%	140.11%	81.87%	19.57%	-	-	20.10%
			Market Price	1.52%	2.79%	140.04%	82.82%	19.63%	-	-	20.18%
			Index	1.91%	3.36%	144.15%	82.73%	19.91%	-	-	20.48%
Cloud Computing Inception Date 4/12/2019	0.68%	0.68%	NAV	-3.75%	-3.25%	73.79%	75.94%	-	-	-	31.36%
			Market Price	-3.89%	-3.25%	74.49%	76.06%	-	-	-	31.63%
			Index	-3.64%	-3.02%	76.14%	76.94%	-	-	-	32.07%
Social Media Inception Date 11/14/2011	0.65%	0.65%	NAV	-2.70%	-5.86%	362.36%	124.26%	24.33%	29.61%	-	17.57%
			Market Price	-2.59%	-5.89%	362.49%	125.80%	24.42%	29.79%	-	17.63%
			Index	-2.31%	-5.40%	388.85%	125.54%	25.13%	30.39%	-	18.20%
Artificial Intelligence & Technology Inception Date 5/11/2018	0.68%	0.68%	NAV	-1.33%	1.40%	95.87%	81.94%	-	-	-	25.34%
			Market Price	-1.30%	1.26%	96.14%	83.55%	-	-	-	25.55%
			Index	-0.96%	1.87%	98.66%	82.76%	-	-	-	25.73%
Autonomous & Electric Vehicles Inception Date 4/13/2018	0.68%	0.68%	NAV	2.71%	4.41%	93.01%	138.34%	-	-	-	22.96%
			Market Price	2.67%	4.42%	92.94%	140.13%	-	-	-	23.08%
			Index	2.73%	4.55%	93.77%	139.35%	-	-	-	23.07%
Lithium & Battery Technology Inception Date 7/22/2010	0.75%	0.75%	NAV	3.88%	8.51%	149.23%	165.84%	22.73%	24.47%	4.44%	7.54%
			Market Price	4.48%	9.35%	150.62%	171.03%	23.04%	24.82%	4.61%	7.68%
			Index	6.22%	11.06%	167.22%	165.07%	22.48%	24.50%	4.82%	8.00%



Genomics & Biotechnology Inception Date 4/5/2019	0.50%	0.50%	NAV	-4.44%	-9.73%	41.03%	77.53%	-	-	-	21.35%
			Market Price	-4.66%	-9.97%	43.52%	78.23%	-	-	-	22.68%
			Index	-4.37%	-9.61%	42.70%	78.46%	-	-	-	21.99%
Millennial Consumer Inception Date 5/4/2016	0.50%	0.50%	NAV	-1.10%	3.67%	182.40%	100.66%	26.66%	-	-	22.85%
			Market Price	-1.27%	3.54%	181.39%	100.76%	26.66%	-	-	22.78%
			Index	-1.06%	3.81%	189.22%	101.88%	27.32%	-	-	23.41%
Aging Population Inception Date 5/10/2016	0.50%	0.50%	NAV	0.76%	5.11%	98.99%	37.23%	12.81%	-	-	13.85%
			Market Price	0.72%	4.96%	103.19%	37.70%	12.79%	-	-	14.40%
			Index	0.99%	5.40%	102.34%	37.64%	13.07%	-	-	14.16%
Health & Wellness Inception Date 5/9/2016	0.50%	0.50%	NAV	6.46%	13.73%	103.74%	68.30%	15.45%	-	-	13.17%
			Market Price	6.54%	13.43%	106.59%	69.56%	15.40%	-	-	13.52%
			Index	6.42%	13.82%	108.08%	69.09%	15.86%	-	-	13.64%
E-Commerce Inception Date 11/27/2018	0.50%	0.50%	NAV	-3.06%	-4.25%	126.21%	127.75%	-	-	-	42.68%
			Market Price	-3.29%	-4.47%	125.87%	127.90%	-	-	-	42.84%
			Index	-3.03%	-4.14%	128.89%	128.38%	-	-	-	43.33%
US Infrastructure Development Inception Date 3/6/2017	0.47%	0.47%	NAV	2.64%	15.84%	80.82%	102.90%	16.74%	-	-	14.08%
			Market Price	2.59%	15.83%	80.96%	103.31%	16.74%	-	-	14.13%
			Index	2.67%	15.98%	84.64%	104.17%	17.32%	-	-	14.63%
Cannabis Inception Date 9/7/2019	0.51%	0.51%	NAV	3.59%	-7.94%	-32.93%	86.38%	-	-	-	-20.88%
			Market Price	2.41%	-7.62%	-34.72%	84.43%	-	-	-	-21.74%
			Index	3.50%	-8.24%	-39.82%	75.68%	-	-	-	-26.13%
Video Games & Esports Inception Date 10/25/2019	0.50%	0.50%	NAV	0.00%	-0.92%	117.80%	92.16%	-	-	-	68.09%
			Market Price	0.00%	-0.74%	117.98%	92.37%	-	-	-	68.57%
			Index	0.04%	-0.77%	119.54%	93.30%	-	-	-	68.94%
Cybersecurity Inception Date 10/25/2019	0.50%	0.50%	NAV	1.79%	3.48%	80.81%	68.73%	-	-	-	41.73%
			Market Price	1.89%	3.43%	84.53%	69.86%	-	-	-	43.91%
			Index	1.88%	3.64%	80.63%	69.51%	-	-	-	41.51%
Thematic Growth Inception Date 10/25/2019	0.50%	0.50%	NAV	-1.82%	-3.40%	94.12%	116.53%	-	-	-	57.16%
			Market Price	-1.84%	-3.57%	96.22%	118.02%	-	-	-	58.37%
			Index	-1.87%	-3.54%	93.45%	116.17%	-	-	-	56.89%
Education Inception Date 7/10/2020	0.50%	0.50%	NAV	-12.62%	-23.27%	-3.88%	-	-	-	-	-
			Market Price	-12.64%	-23.14%	-3.62%	-	-	-	-	-
			Index	-12.66%	-23.23%	-3.56%	-	-	-	-	-
Telemedicine & Digital Health Inception Date 7/29/2020	0.68%	0.68%	NAV	-6.78%	-8.54%	20.99%	-	-	-	-	-
			Market Price	-6.89%	-8.73%	20.79%	-	-	-	-	-
			Index	-6.60%	-8.26%	21.70%	-	-	-	-	-
China Biotech Inception Date 9/22/2020	0.67%	0.67%	NAV	1.23%	12.13%	25.58%	-	-	-	-	-
			Market Price	1.60%	11.53%	26.31%	-	-	-	-	-
			Index	1.28%	12.33%	26.18%	-	-	-	-	-
CleanTech Inception Date 10/27/2020	0.50%	0.50%	NAV	-5.82%	-18.70%	27.82%	-	-	-	-	-
			Market Price	-5.83%	-19.32%	27.49%	-	-	-	-	-
			Index	-8.83%	-21.03%	24.24%	-	-	-	-	-
Data Center REITs & Digital Infrastructure Inception Date 10/27/2020	0.50%	0.50%	NAV	-1.03%	6.91%	9.82%	-	-	-	-	-
			Market Price	-1.14%	6.21%	9.95%	-	-	-	-	-
			Index	-0.89%	6.99%	9.96%	-	-	-	-	-
Emerging Markets Internet & E-commerce Inception Date 11/9/2020	0.65%	0.65%	NAV	-5.13%	-16.42%	1.22%	-	-	-	-	-
			Market Price	-5.07%	-16.96%	1.28%	-	-	-	-	-
			Index	-5.09%	-16.30%	1.55%	-	-	-	-	-
Renewable Energy Producers Inception Date 5/27/2015	0.65%	0.65%	NAV	0.76%	-1.37%	34.06%	34.48%	14.73%	13.03%	-	5.11%
			Market Price	0.70%	-1.30%	34.11%	33.73%	14.69%	12.95%	-	5.13%
			Index	1.09%	-0.94%	37.50%	34.99%	15.20%	13.51%	-	5.49%
China Innovation Inception Date 2/22/2021	0.75%	0.75%	NAV	0.48%	-6.23%	-15.76%	-	-	-	-	-
			Market Price	1.10%	-6.52%	-15.68%	-	-	-	-	-
			Index	2.80%	-1.50%	-7.36%	-	-	-	-	-
Clean Water Inception Date 4/8/2021	0.50%	0.50%	NAV	2.58%	-	5.78%	-	-	-	-	-
			Market Price	2.77%	-	6.12%	-	-	-	-	-
			Index	2.57%	-	5.83%	-	-	-	-	-

Performance data quoted represents past performance and does not guarantee future results. Investment return and principal value of an investment will fluctuate so that an investors' shares, when sold or redeemed, may be worth more or less than their original cost. Current performance may be higher or lower than the performance quoted. High short-term performance of the fund is unusual and investors should not expect such performance to be repeated. For performance data current to the most recent month end, please call 1-888-493-8631 or visit www.globalxetfs.com. *Net expense ratio reflects fees incurred by the Fund after waivers and reimbursements.



P/S AND EV/S

Source: Bloomberg, data is as of 5/31/21 and 4/30/21, Global X ETFs.

Ticker	Name	P/S		EV/S	
		5/31/21	4/30/21	5/31/21	4/30/21
GNOM	Global X Genomics & Biotechnology ETF	11.83	13.31	11.13	12.95
CLOU	Global X Cloud Computing ETF	9.46	9.71	9.94	10.28
CHB	Global X China Biotech Innovation ETF	9.32	9.67	9.94	10.19
BUG	Global X Cybersecurity ETF	9.08	8.94	9.03	8.82
POTX	Global X Cannabis ETF	7.99	7.54	16.65	12.29
FINX	Global X FinTech ETF	7.94	8.62	9.08	9.71
SOCL	Global X Social Media ETF	7.10	7.31	7.88	8.38
VPN	Global X Data Center REITs & Digital Infrastructure ETF	6.77	6.91	9.29	9.48
KEJI	Global X China Innovation ETF	5.38	5.04	5.63	5.70
HERO	Global X Video Games & Esports ETF	5.27	5.52	5.22	5.59
AGNG	Global X Aging Population ETF	5.00	4.96	5.73	5.73
EDOC	Global X Telemedicine & Digital Health ETF	4.76	5.44	5.20	5.88
EWEB	Global X Emerging Markets Internet & E-commerce ETF	4.26	4.77	4.29	4.64
AIQ	Global X Artificial Intelligence & Technology ETF	4.07	4.18	4.24	4.37
RNRG	Global X Renewable Energy Producers ETF	3.79	3.74	6.06	6.21
MILN	Global X Millennial Consumer ETF	3.57	3.69	4.07	4.26
EDUT	Global X Education ETF	3.55	3.87	3.74	4.12
BOTZ	Global X Robotics & Artificial Intelligence ETF	3.34	3.38	3.41	3.48
SPX	S&P 500 Index	3.04	3.07	3.39	3.44
SNSR	Global X Internet of Things ETF	3.01	2.94	3.59	3.60
AQWA	Global X Clean Water ETF	2.92	2.90	4.01	4.03
LIT	Global X Lithium and Battery Tech ETF	2.80	2.65	3.07	3.00
EBIZ	Global X E-commerce ETF	2.51	2.68	2.56	2.56
ACWI	ACWI Index	2.26	2.23	2.71	2.68
CTEC	Global X Cleantech ETF	1.91	2.01	2.40	2.70
PAVE	Global X U.S. Infrastructure Development ETF	1.84	1.80	2.20	2.15
BFIT	Global X Health & Wellness ETF	1.82	1.79	2.13	2.02
DRIV	Global X Autonomous & Electric Vehicles ETF	1.35	1.33	1.56	1.54

Note: P/S and EV/S refer to price-to-sales and enterprise value-to-sales, respectively.



F12 MONTH SALES GROWTH, PSG, AND EVSG

Source: Bloomberg, data is as of 5/31/21 and 4/30/21, Global X ETFs.

Ticker	Name	F12M SALES (%)		PSG		EVSG	
		5/31/21	4/30/21	5/31/21	4/30/21	5/31/21	4/30/21
POTX	Global X Cannabis ETF	109.7%	66.7%	0.07	0.11	0.15	0.18
EWEB	Global X Emerging Markets Internet & E-commerce ETF	40.8%	49.3%	0.10	0.10	0.11	0.09
CHB	Global X China Biotech Innovation ETF	40.4%	40.7%	0.23	0.24	0.25	0.25
KEJI	Global X China Innovation ETF	36.0%	37.2%	0.15	0.14	0.16	0.15
EDUT	Global X Education ETF	35.8%	34.8%	0.10	0.11	0.10	0.12
LIT	Global X Lithium and Battery Tech ETF	33.3%	30.4%	0.08	0.09	0.09	0.10
EBIZ	Global X E-commerce ETF	31.8%	32.0%	0.08	0.08	0.08	0.08
HERO	Global X Video Games & Esports ETF	26.4%	31.9%	0.20	0.17	0.20	0.17
FINX	Global X FinTech ETF	26.2%	22.3%	0.30	0.39	0.35	0.44
BUG	Global X Cybersecurity ETF	24.0%	22.5%	0.38	0.40	0.38	0.39
SOCL	Global X Social Media ETF	23.5%	23.9%	0.30	0.31	0.34	0.35
CLOU	Global X Cloud Computing ETF	21.7%	20.7%	0.44	0.47	0.46	0.50
RNRG	Global X Renewable Energy Producers ETF	21.3%	17.1%	0.18	0.22	0.28	0.36
BFIT	Global X Health & Wellness ETF	20.0%	21.3%	0.09	0.08	0.11	0.10
AIQ	Global X Artificial Intelligence & Technology ETF	17.9%	17.3%	0.23	0.24	0.24	0.25
VPN	Global X Data Center REITs & Digital Infrastructure ETF	17.7%	16.8%	0.38	0.41	0.52	0.56
MILN	Global X Millennial Consumer ETF	16.3%	16.0%	0.22	0.23	0.25	0.27
BOTZ	Global X Robotics & Artificial Intelligence ETF	15.2%	16.7%	0.22	0.20	0.23	0.21
PAVE	Global X U.S. Infrastructure Development ETF	14.6%	12.7%	0.13	0.14	0.15	0.17
DRIV	Global X Autonomous & Electric Vehicles ETF	13.6%	13.7%	0.10	0.10	0.11	0.11
ACWI	ACWI Index	13.2%	13.6%	0.17	0.16	0.20	0.20
SNSR	Global X Internet of Things ETF	12.4%	11.9%	0.24	0.25	0.29	0.30
AGNG	Global X Aging Population ETF	12.3%	11.7%	0.40	0.42	0.46	0.49
SPX	S&P 500 Index	11.7%	12.3%	0.26	0.25	0.29	0.28
EDOC	Global X Telemedicine & Digital Health ETF	11.5%	13.6%	0.41	0.40	0.45	0.43
GNOM	Global X Genomics & Biotechnology ETF	8.5%	11.0%	1.40	1.21	1.31	1.18
CTEC	Global X Cleantech ETF	6.6%	3.6%	0.29	0.55	0.37	0.74
AQWA	Global X Clean Water ETF	4.8%	5.0%	0.61	0.58	0.84	0.80

Note: F12 Sales Growth refers to the consensus analyst expectations for total sales growth in the next 12 months. PSG and EVSG refer to Price-to-Sales over F12 Sales Growth and Enterprise Value over F12 Sales Growth, respectively. N/A's reflect a negative growth number in the denominator and similar to traditional PEG ratios aren't typically displayed as such (hence the N/A).

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- [Key Themes for the New Normal Economy](#)

ETF HOLDINGS AND PERFORMANCE:

To see individual ETF holdings and current performance across the Global X Thematic Growth Suite, click the below links:

- **Disruptive Technology:** [Artificial Intelligence & Technology ETF \(AIQ\)](#), [Robotics & Artificial Intelligence ETF \(BOTZ\)](#), [Cybersecurity ETF \(BUG\)](#), [Cloud Computing ETF \(CLOU\)](#), [Autonomous & Electric Vehicles ETF \(DRIV\)](#), [FinTech ETF \(FINX\)](#), [Video Games & Esports ETF \(HERO\)](#), [Lithium and Battery Tech ETF \(LIT\)](#), [Internet of Things ETF \(SNSR\)](#), [Social Media ETF \(SOCL\)](#), [China Biotech Innovation ETF \(CHB\)](#), [Data Center REITs & Digital Infrastructure ETF \(VPN\)](#), [Emerging Markets Internet & E-Commerce ETF \(EWEB\)](#)
- **People and Demographics:** [Cannabis ETF \(POTX\)](#), [Millennial Consumer ETF \(MLN\)](#), [Health & Wellness ETF \(BFIT\)](#), [E-Commerce ETF \(EBIZ\)](#), [Genomics & Biotechnology ETF \(GNOM\)](#), [Aging Population ETF \(AGNG\)](#), [Telemedicine & Digital Health ETF \(EDOC\)](#), [Education ETF \(EDUT\)](#)
- **Physical Environment:** [U.S. Infrastructure Development ETF \(PAVE\)](#), [CleanTech ETF \(CTEC\)](#), [Renewable Energy Producers \(RNRG\)](#), [Clean Water ETF \(AQWA\)](#),
- **Multi-Theme:** [Thematic Growth ETF \(GXTG\)](#), [China Innovation ETF \(KEJI\)](#)

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Investing involves risk, including the possible loss of principal. There is no guarantee the strategies discussed will be successful. International investments may involve risk of capital loss from unfavorable fluctuation in currency values, from differences in generally accepted accounting principles or from economic or political instability in other nations. Emerging markets involve heightened risks related to the same factors as well as increased volatility and lower trading volume. Narrowly focused investments may be subject to higher volatility. The funds are non-diversified.

Information Technology companies can be affected by rapid product obsolescence, and intense industry competition. Risks include disruption in service caused by hardware or software failure; interruptions or delays in service by third-parties; security breaches involving certain private, sensitive, proprietary and confidential information managed and transmitted; and privacy concerns and laws, evolving Internet regulation and other foreign or domestic regulations that may limit or otherwise affect the operations. Healthcare, Genomics, Biotechnology and Medical Device companies can be affected by government regulations, expiring patents, rapid product obsolescence, and intense industry competition. CleanTech Companies typically face intense competition, short product lifecycles and potentially rapid product obsolescence. The risks related to investing social media companies include disruption in service caused by hardware or software failure, interruptions or delays in service by third-parties, security breaches involving certain private, sensitive, proprietary and confidential information managed and transmitted by social media companies, and privacy concerns and laws, evolving Internet regulation and other foreign or domestic regulations that may limit or otherwise affect the operations of such companies. These companies may be significantly affected by fluctuations in energy prices and in the supply and demand of renewable energy, tax incentives, subsidies and other governmental regulations and policies. There are additional risks associated with investing in lithium and the lithium mining industry.

Investments in the cannabis industry may be susceptible to loss due to adverse occurrences affecting this industry. The cannabis industry is a very young, fast evolving industry with increased exposure to the risks associated with changes in applicable laws (including increased regulation, other rule changes, and related federal and state enforcement activities), as well as market developments, which may cause businesses to contract or close suddenly and negatively impact the value of securities held by the Fund. Cannabis Companies are subject to various laws and regulations that may differ at the state/local, federal and international level. These laws and regulations may significantly affect a Cannabis Company's ability to secure financing and traditional banking services, impact the market for cannabis business sales and services, and set limitations on cannabis use, production, transportation, export and storage. The possession, use and importation of marijuana remains illegal under U.S. federal law. Federal law criminalizing the use of marijuana remains enforceable notwithstanding state laws that legalize its use for medicinal and recreational purposes. This conflict creates volatility and risk for all Cannabis Companies, and any stepped-up enforcement of marijuana laws by the federal government could adversely affect the value of investments.

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. Please read the prospectus carefully before investing.

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