

**GLOBAL X ETFs RESEARCH**



# The Next Big Theme: October 2022



Authored by:

**Mayuranki De**  
Research Analyst

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## Cybersecurity

### *Breaches Boom, Governments Respond*

Australian telecommunications company Optus came under fire in September after a hacker released personal data on 9.8 million customers, including 2.1 million government identification numbers.<sup>1,2</sup> Following the breach, Prime Minister Anthony Albanese’s administration is pursuing reforms, including increased penalties under the country’s Privacy Act.<sup>3</sup> In the U.S., the Cybersecurity and Infrastructure Security Agency (CISA) released its request for information (RFI) about mandating organizations to report significant cybersecurity incidents within 72 hours and ransomware payments within 24 hours.<sup>4</sup> The European Commission published a draft regulation detailing cybersecurity requirements for products with digital elements (PDEs).

### *M&A Continues to Surge*

With demand for digital defense surging, mergers and acquisitions (M&A) activity remains high within the cybersecurity industry. CrowdStrike Holdings acquired Reposify, which provides external attack surface management (EASM). Qualys acquired Blue Hexagon to integrate artificial intelligence (AI) and machine learning technology onto their platform. Palo Alto Networks is reportedly closing in on a deal to acquire Israeli startup Apiiro, which offers risk visibility and control technology across businesses.<sup>5</sup>

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## Electric Vehicles

### *2022 to Marks New Milestones, Including Record Global Sales*

The International Energy Agency’s (IEA) Tracking Clean Energy Progress update highlighted that global sales of EVs are expected to hit an all-time high in 2022, reaching 13% of total light duty vehicle sales.<sup>6</sup> At the company level, Tesla delivered 343,830 electric vehicles in Q3, well above the 241,300 units the company delivered for the same period last year. On the policy front, California imposed stricter clean car rules, including a ban on gasoline cars by 2035.<sup>7</sup> By then, 100% of new cars and light trucks sold in the state should be zero-emission vehicles (ZEVs), including plug-in hybrid electric vehicles (PHEVs).<sup>8</sup> These measures will go into effect starting in 2026, when 35% of automakers’ output must be ZEVs and PHEVs.<sup>9</sup>

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## Robotics & Artificial Intelligence

### *AI Making Strides Across Industries*

Tesla introduced the latest prototype of its new humanoid robot, Optimus, at the company’s AI Day. Tesla said the robot should cost less than \$20,000.<sup>10</sup> Optimus’ functionality stems from its ability to perform



mundane tasks that humans may not be available to or want to do. The robot could help Tesla lower operating costs in its facilities, especially on a larger scale. Also, Optimus' underlying technology could mean progress on Tesla's autonomous driving software. AI leader Nvidia introduced the Nvidia IGX platform for high-precision edge AI. The goal of the platform is to provide safety and improve human machine collaboration in sensitive industries, such as manufacturing, logistics, and healthcare.

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## Genomics

### *Alnylam Seeks Approval for Amyloidosis Drug*

Leading RNAi therapeutics company Alnylam Pharmaceuticals announced the latest results from its APOLLO-B Phase 3 study of patisiran, an investigational RNAi therapeutic for the treatment of transthyretin-mediated amyloidosis with cardiomyopathy. The results suggested that patisiran is correlated with positive results on key measures of cardiac stress and injury. Patisiran also performed favorably to the placebo in trials, increasing its legitimacy. The drug is already approved for ATTR polyneuropathy, another subtype of ATTR amyloidosis. ATTR polyneuropathy affects 50,000 worldwide, while the cardiomyopathy subtype affects over 300,000.<sup>11</sup> Alnylam wants to file for supplemental FDA approval by year-end.

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## Metaverse

### *Companies Advancing the Virtual Realm*

Sony announced plans to produce 2 million units of the PlayStation VR2 headset by March 2023.<sup>12</sup> This goal is ambitious, but mass production of the VR goggles began in September and has yet to face supply chain constraints. Walmart entered the metaverse with two experiences designed to engage with the newest generation of consumers in a post-pandemic economy. Walmart Land and Walmart Universe of Play will be on Roblox's gaming platform. Alibaba introduced an interactive luxury shopping experience through its upscale commerce marketplace, Tmall Luxury Pavilion. The company hosted an augmented reality (AR) fashion show in September, during which consumers could acquire a Meta Pass to access deals from designers.

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## Internet of Things

### *R&D Deal to Boost U.S. Supply*

The U.S. Department of Commerce's National Institute of Standards and Technology (NIST) signed a cooperative research and development (R&D) agreement with Google to produce chips that researchers can use to develop new nanotechnology and semiconductor devices. NIST will design up to 40 different kinds of circuitry for the chips, which will be open source. With this agreement, academic and small business researchers will be able to use the chips without legal or financial restriction. By sourcing a domestic supply of affordable chips for R&D, researchers can better tap into their innovative potential.<sup>13</sup> The new chips will be paid for by Google and manufactured by Skywater Technology.

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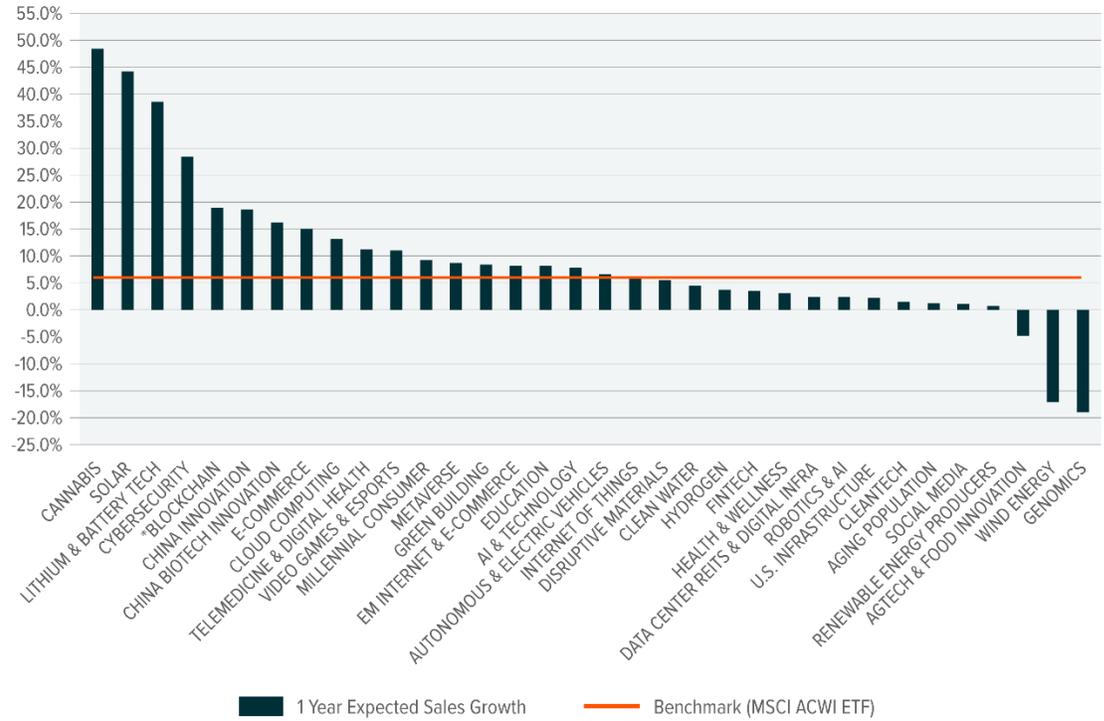
## THE NUMBERS

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



## THEMATIC EXPECTED SALES GROWTH

Source: Bloomberg, September 30, 2022, Global X ETFs.



Note: Forward looking based on data and analysis from 9/30/2022.

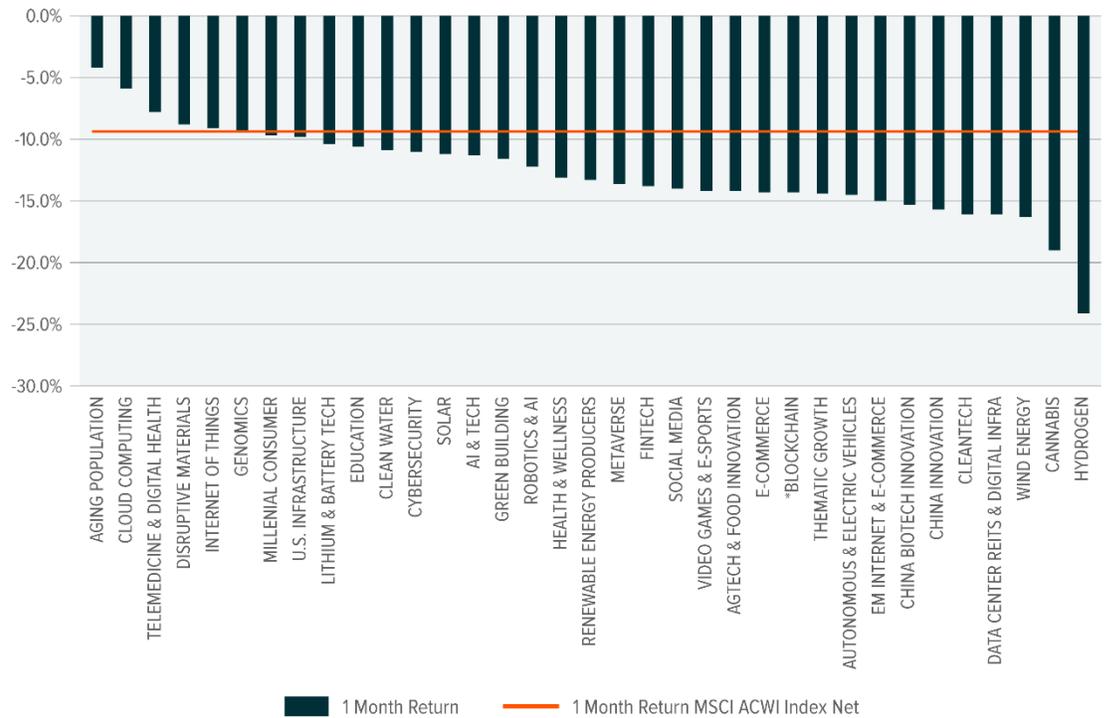
1 year annualized forward sales growth is the consensus analyst expectations for total sales growth in the next 12 months.

\*Blockchain reflects figures according to BKCH ETF



## SEPTEMBER 2022 THEMATIC ETF RETURNS

Source: Bloomberg, September 30, 2022, Global X ETFs.



Note: The performance data quoted represents past performance and does not guarantee future results.  
\*Blockchain reflects figures according to BKCH ETF

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](http://www.globalxetfs.com).

Standard Performance		Cumulative % Data as of month end (09/30/22)				Avg. Annualized % Data as of quarter end (09/30/22)				
		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	NAV	0.68%	-12.49%	-10.77%	26.06%	-50.39%	-2.78%	-2.94%	-	3.90%
	Market Price		-12.23%	-11.02%	25.58%	-50.45%	-3.08%	-3.04%	-	3.84%
	Index		-12.43%	-10.70%	28.85%	-50.13%	-2.13%	-2.62%	-	4.28%
Fintech Inception Date 9/12/2016	NAV	0.68%	-13.92%	-4.50%	42.93%	-55.30%	-9.30%	0.79%	-	6.08%
	Market Price		-13.78%	-4.79%	42.43%	-55.40%	-9.43%	0.65%	-	6.02%
	Index		-13.91%	-4.44%	47.92%	-55.19%	-8.87%	1.36%	-	6.68%
Internet Of Things Inception Date 9/12/2016	NAV	0.68%	-9.26%	-3.41%	73.53%	-30.96%	7.50%	6.74%	-	9.53%
	Market Price		-9.07%	-3.30%	73.39%	-31.13%	7.46%	6.70%	-	9.52%
	Index		-9.27%	-3.38%	76.89%	-30.80%	7.84%	7.07%	-	9.88%
Cloud Computing Inception Date 4/12/2019	NAV	0.68%	-6.01%	-3.34%	7.74%	-44.59%	3.42%	-	-	2.17%
	Market Price		-5.90%	-3.21%	8.31%	-44.54%	3.51%	-	-	2.33%
	Index		-5.95%	-3.18%	10.08%	-44.22%	4.08%	-	-	2.81%
Social Media Inception Date 11/14/2011	NAV	0.65%	-14.18%	-16.07%	91.91%	-54.29%	-4.49%	-2.02%	7.58%	6.17%
	Market Price		-14.04%	-16.32%	91.29%	-54.38%	-4.54%	-2.10%	7.58%	6.14%
	Index		-14.23%	-16.02%	102.87%	-54.20%	-4.06%	-1.53%	8.08%	6.71%
Artificial Intelligence & Technology Inception Date 5/11/2018	NAV	0.68%	-11.22%	-8.11%	30.33%	-36.25%	6.81%	-	-	6.22%
	Market Price		-11.25%	-7.93%	30.47%	-36.08%	6.76%	-	-	6.24%
	Index		-11.18%	-8.04%	32.55%	-35.97%	7.27%	-	-	6.63%



Autonomous & Electric Vehicles Inception Date 4/13/2018	0.68%	NAV	-14.32%	-5.82%	42.17%	-25.74%	16.15%	-	-	8.19%
		Market Price	-14.49%	-6.29%	41.47%	-26.16%	15.90%	-	-	8.07%
		Index	-14.31%	-5.77%	43.35%	-25.57%	16.51%	-	-	8.39%
Lithium and Battery Tech Inception Date 7/22/2010	0.75%	NAV	-10.97%	-8.41%	151.25%	-19.12%	40.40%	14.22%	9.48%	7.84%
		Market Price	-10.41%	-8.99%	150.07%	-19.15%	40.32%	13.99%	9.49%	7.80%
		Index	-10.94%	-8.36%	165.80%	-18.62%	40.75%	14.35%	9.97%	8.34%
Genomics and Biotechnology Inception Date 4/5/2019	0.50%	NAV	-9.67%	2.20%	-17.93%	-43.51%	0.30%	-	-	-5.50%
		Market Price	-9.26%	2.70%	-16.19%	-43.60%	0.32%	-	-	-4.94%
		Index	-9.59%	2.31%	-16.53%	-43.28%	0.76%	-	-	-5.04%
Millennial Consumer Inception Date 5/4/2016	0.50%	NAV	-9.54%	-1.42%	76.10%	-40.14%	1.37%	7.70%	-	9.23%
		Market Price	-9.72%	-1.38%	75.17%	-40.32%	1.29%	7.65%	-	9.14%
		Index	-9.56%	-1.35%	81.38%	-39.90%	1.87%	8.25%	-	9.73%
Aging Population Inception Date 5/09/2016	0.50%	NAV	-4.35%	-6.74%	62.16%	-18.65%	4.21%	4.99%	-	7.85%
		Market Price	-4.16%	-7.12%	65.37%	-18.17%	3.90%	4.84%	-	8.18%
		Index	-4.30%	-6.67%	64.82%	-18.52%	4.42%	5.20%	-	8.12%
Health and Wellness Inception Date 5/9/2016	0.50%	NAV	-12.73%	-10.47%	28.46%	-35.92%	-2.51%	3.89%	-	3.99%
		Market Price	-13.13%	-11.47%	28.35%	-36.31%	-2.95%	3.66%	-	3.98%
		Index	-12.72%	-10.42%	31.78%	-35.73%	-2.17%	4.26%	-	4.41%
E-Commerce Inception Date 11/27/2018	0.50%	NAV	-14.14%	-9.34%	3.21%	-49.22%	-3.34%	-	-	0.83%
		Market Price	-14.25%	-9.54%	2.74%	-49.25%	-3.54%	-	-	0.70%
		Index	-14.09%	-9.20%	4.98%	-49.03%	-2.95%	-	-	1.27%
Us Infrastructure Development Inception Date 3/6/2017	0.47%	NAV	-9.78%	1.36%	58.88%	-8.57%	13.14%	9.15%	-	8.66%
		Market Price	-9.82%	1.27%	58.88%	-8.61%	13.14%	9.10%	-	8.66%
		Index	-9.78%	1.42%	63.37%	-8.07%	13.74%	9.70%	-	9.21%
Cannabis Inception Date 9/17/2019	0.50%	NAV	-19.29%	-12.90%	-89.50%	-73.35%	-50.16%	-	-	-52.38%
		Market Price	-18.98%	-14.37%	-89.72%	-73.29%	-50.31%	-	-	-52.71%
		Index	-19.52%	-13.46%	-90.96%	-74.19%	-52.59%	-	-	-54.66%
Video Games & Esports Inception Date 10/25/2019	0.50%	NAV	-14.44%	-14.81%	21.19%	-36.13%	-	-	-	6.77%
		Market Price	-14.17%	-14.83%	20.97%	-35.86%	-	-	-	6.70%
		Index	-14.43%	-14.71%	22.87%	-35.89%	-	-	-	7.27%
Cybersecurity Inception Date 10/25/2019	0.50%	NAV	-11.24%	-4.00%	59.65%	-20.63%	-	-	-	17.29%
		Market Price	-11.03%	-3.84%	62.72%	-20.69%	-	-	-	18.05%
		Index	-11.22%	-3.89%	61.43%	-20.36%	-	-	-	17.73%
Thematic Growth Inception Date 10/25/2019	0.50%	NAV	-13.88%	-10.66%	5.55%	-47.04%	-	-	-	1.86%
		Market Price	-14.38%	-10.53%	6.19%	-46.98%	-	-	-	2.07%
		Index	-13.81%	-10.62%	4.71%	-47.20%	-	-	-	1.58%
Education Inception Date 7/10/2020	0.50%	NAV	-10.87%	-5.89%	-59.91%	-44.70%	-	-	-	-33.69%
		Market Price	-10.60%	-6.04%	-59.91%	-44.39%	-	-	-	-33.69%
		Index	-10.82%	-5.78%	-59.43%	-44.38%	-	-	-	-33.34%
Telemedicine & Digital Health Inception Date 7/29/2020	0.68%	NAV	-7.67%	-1.91%	-25.65%	-36.19%	-	-	-	-12.75%
		Market Price	-7.76%	-1.91%	-25.78%	-36.23%	-	-	-	-12.82%
		Index	-8.06%	-2.19%	-25.06%	-36.19%	-	-	-	-12.44%
China Biotech Innovation Inception Date 9/22/2020	0.65%	NAV	-14.97%	-23.79%	-43.44%	-47.35%	-	-	-	-24.56%
		Market Price	-15.25%	-25.88%	-44.30%	-47.76%	-	-	-	-25.13%
		Index	-14.91%	-23.70%	-42.65%	-46.97%	-	-	-	-24.04%
Cleantech Inception Date 10/27/2020	0.50%	NAV	-15.88%	2.87%	-6.79%	-25.25%	-	-	-	-3.58%
		Market Price	-16.05%	2.05%	-7.26%	-25.11%	-	-	-	-3.84%
		Index	-15.89%	2.95%	-8.58%	-24.95%	-	-	-	-4.55%



Data Center Reits & Digital Infrastructure Inception Date 10/27/2020	0.50%	NAV	-16.01%	-17.14%	-16.24%	-25.35%	-	-	-	-8.79%
		Market Price	-16.06%	-17.08%	-16.25%	-26.19%	-	-	-	-8.80%
		Index	-16.02%	-17.17%	-16.23%	-25.35%	-	-	-	-8.79%
Emerging Markets Internet & E-Commerce Inception Date 11/09/2020	0.65%	NAV	-15.87%	-16.86%	-57.18%	-46.15%	-	-	-	-36.15%
		Market Price	-14.96%	-16.42%	-57.18%	-46.20%	-	-	-	-36.15%
		Index	-15.85%	-16.71%	-56.79%	-45.99%	-	-	-	-35.85%
Renewable Energy Producers Inception Date 05/27/2015	0.65%	NAV	-13.03%	-8.85%	10.52%	-16.86%	-0.06%	3.63%	-	1.37%
		Market Price	-13.25%	-9.39%	9.99%	-16.97%	-0.32%	3.45%	-	1.30%
		Index	-13.01%	-8.38%	13.66%	-16.56%	0.33%	4.12%	-	1.76%
China Innovation Inception Date 02/22/2021	0.75%	NAV	-15.71%	-25.12%	-54.82%	-39.53%	-	-	-	-39.09%
		Market Price	-15.68%	-26.73%	-55.38%	-40.12%	-	-	-	-39.56%
		Index	-	-	-	-	-	-	-	-
Clean Water Inception Date 04/08/2021	0.50%	NAV	-11.05%	-5.34%	-16.04%	-21.38%	-	-	-	-11.14%
		Market Price	-10.94%	-5.32%	-15.63%	-21.73%	-	-	-	-10.85%
		Index	-11.02%	-5.25%	-15.65%	-21.14%	-	-	-	-10.86%
Agtech and Food Innovation Inception Date 07/12/2021	0.50%	NAV	-14.86%	-9.22%	-43.09%	-33.79%	-	-	-	-37.02%
		Market Price	-14.23%	-8.80%	-42.53%	-33.51%	-	-	-	-36.51%
		Index	-14.82%	-9.11%	-42.81%	-33.52%	-	-	-	-36.77%
Hydrogen Inception Date 07/12/2021	0.50%	NAV	-23.87%	-6.61%	-55.41%	-48.71%	-	-	-	-48.44%
		Market Price	-24.13%	-7.31%	-55.41%	-48.97%	-	-	-	-48.44%
		Index	-23.87%	-6.50%	-55.31%	-48.62%	-	-	-	-48.34%
Blockchain Inception Date 07/12/2021	0.50%	NAV	-14.20%	15.81%	-75.43%	-73.98%	-	-	-	-68.38%
		Market Price	-14.31%	16.24%	-75.39%	-73.98%	-	-	-	-68.34%
		Index	-14.38%	15.03%	-75.78%	-74.39%	-	-	-	-68.75%
Solar Inception Date 09/08/2021	0.50%	NAV	-11.15%	-6.96%	-16.02%	-13.48%	-	-	-	-15.18%
		Market Price	-11.21%	-8.19%	-16.15%	-14.01%	-	-	-	-15.30%
		Index	-11.10%	-6.83%	-15.50%	-12.99%	-	-	-	-14.69%
Wind Energy Inception Date 09/08/2021	0.50%	NAV	-16.20%	-16.07%	-33.73%	-33.89%	-	-	-	-32.16%
		Market Price	-16.34%	-17.53%	-34.21%	-34.53%	-	-	-	-32.63%
		Index	-16.19%	-15.98%	-33.39%	-33.58%	-	-	-	-31.83%
Disruptive Materials Inception Date 01/24/22	0.59%	NAV	-8.46%	-10.24%	-23.45%	-	-	-	-	-
		Market Price	-8.83%	-11.87%	-24.34%	-	-	-	-	-
		Index	-8.45%	-10.19%	-23.27%	-	-	-	-	-
Green Building Inception Date 04/11/22	0.45%	NAV	-10.90%	-13.72%	-26.34%	-	-	-	-	-
		Market Price	-11.57%	-15.04%	-26.86%	-	-	-	-	-
		Index	-10.79%	-13.60%	-26.56%	-	-	-	-	-
Metaverse Inception Date 04/26/22	0.50%	NAV	-13.59%	-10.58%	-23.18%	-	-	-	-	-
		Market Price	-13.55%	-10.79%	-23.18%	-	-	-	-	-
		Index	-13.59%	-10.46%	-23.08%	-	-	-	-	-



## P/S AND EV/S

Source: Bloomberg, data is as of 9/30/22 and 8/31/22, Global X ETFs.

Ticker	Name	P/S		EV/S	
		9/30/22	8/31/22	9/30/22	8/31/22
BUG	Global X Cybersecurity ETF	6.91	8.06	7.00	8.14
GNOM	Global X Genomics & Biotechnology ETF	5.57	6.16	5.05	5.66
HYDR	Global X Hydrogen ETF	4.28	5.63	3.81	5.17
CLOU	Global X Cloud Computing ETF	3.95	4.22	4.37	4.66
VR	Global X Metaverse ETF	3.51	4.04	3.37	3.94
CHB	Global X China Biotech Innovation ETF	3.37	3.96	3.25	3.85
AGNG	Global X Aging Population ETF	3.31	3.44	3.97	4.09
BOTZ	Global X Robotics & Artificial Intelligence ETF	3.06	3.51	2.94	3.36
VPN	Global X Data Center REITs & Digital Infrastructure ETF	2.90	3.45	5.10	5.64
SOCL	Global X Social Media ETF	2.81	3.26	2.63	3.06
KEJI	Global X China Innovation ETF	2.80	3.28	2.20	2.60
FINX	Global X FinTech ETF	2.78	3.27	3.59	4.14
HERO	Global X Video Games & Esports ETF	2.72	3.18	2.59	3.10
EDOC	Global X Telemedicine & Digital Health ETF	2.72	2.96	2.86	3.11
RNRG	Global X Renewable Energy Producers ETF	2.60	3.01	4.84	5.29
AIQ	Global X Artificial Intelligence & Technology ETF	2.53	2.86	2.60	2.92
RAYS	Global X Solar ETF	2.45	2.76	3.18	3.50
SPX	S&P 500 Index	2.16	2.37	2.45	2.66
SNSR	Global X Internet of Things ETF	2.13	2.35	2.43	2.65
AQWA	Global X Clean Water ETF	2.00	2.64	2.95	3.84
EWEB	Global X Emerging Markets Internet & E-commerce ETF	1.95	2.05	1.92	2.02
MILN	Global X Millennial Consumer ETF	1.82	2.03	2.13	2.33
LIT	Global X Lithium and Battery Tech ETF	1.79	2.01	1.86	2.07
ACWI	MSCI ACWI Index	1.57	1.74	1.83	1.99
GRNR	Global X Green Building ETF	1.57	2.09	3.07	3.97
POTX	Global X Cannabis ETF	1.55	1.88	2.22	2.68
WNDY	Global X Wind Energy ETF	1.49	1.79	2.52	2.82
EDUT	Global X Education ETF	1.48	1.57	1.72	1.87
DMAT	Global X Disruptive Materials ETF	1.44	1.55	1.65	1.79
CTEC	Global X Cleantech ETF	1.23	1.55	1.52	1.84
BKCH	Global X Blockchain ETF	1.19	1.39	1.77	2.07
PAVE	Global X U.S. Infrastructure ETF	1.15	1.28	1.44	1.56
KROP	Global X AgTech & Food Innovation ETF	1.12	1.31	1.32	1.51
BFIT	Global X Health & Wellness ETF	1.05	1.21	1.23	1.39
EBIZ	Global X E-commerce ETF	0.94	1.09	0.85	1.00
DRIV	Global X Autonomous & Electric Vehicles ETF	0.79	0.93	0.86	1.02

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



## F12M SALES GROWTH, PSG, AND EVSG

Source: Bloomberg, data is as of 9/30/22 and 8/31/22, Global X ETFs.

Ticker	Name	F12M Sales (%)		PSG		EVSG	
		9/30/22	8/31/22	9/30/22	8/31/22	9/30/22	8/31/22
POTX	Global X Cannabis ETF	48.4%	55.1%	0.03	0.03	0.05	0.05
RAYS	Global X Solar ETF	44.2%	44.1%	0.06	0.06	0.07	0.08
LIT	Global X Lithium and Battery Tech ETF	38.6%	38.2%	0.05	0.05	0.05	0.05
BUG	Global X Cybersecurity ETF	28.4%	26.4%	0.24	0.31	0.25	0.31
BKCH	Global X Blockchain ETF	18.9%	27.8%	0.06	0.05	0.09	0.07
KEJI	Global X China Innovation ETF	18.6%	19.4%	0.15	0.17	0.12	0.13
CHB	Global X China Biotech Innovation ETF	16.2%	17.1%	0.21	0.23	0.20	0.22
EBIZ	Global X E-commerce ETF	15.0%	15.0%	0.06	0.07	0.06	0.07
CLOU	Global X Cloud Computing ETF	13.1%	12.2%	0.30	0.35	0.33	0.38
EDOC	Global X Telemedicine & Digital Health ETF	11.2%	10.6%	0.24	0.28	0.26	0.29
HERO	Global X Video Games & Esports ETF	11.0%	13.7%	0.25	0.23	0.23	0.23
MILN	Global X Millennial Consumer ETF	9.2%	9.0%	0.20	0.23	0.23	0.26
SPX	S&P 500 Index	9.2%	8.1%	0.23	0.29	0.27	0.33
VR	Global X Metaverse ETF	8.7%	8.4%	0.41	0.48	0.39	0.47
GRNR	Global X Green Building ETF	8.4%	13.4%	0.19	0.16	0.36	0.30
EWEB	Global X Emerging Markets Internet & E-commerce ETF	8.2%	10.2%	0.24	0.20	0.23	0.20
EDUT	Global X Education ETF	8.2%	-4.4%	0.18	-0.36	0.21	-0.43
AIQ	Global X Artificial Intelligence & Technology ETF	7.8%	8.3%	0.32	0.35	0.33	0.35
ACWI	MSCI ACWI Index	7.0%	6.8%	0.22	0.26	0.26	0.29
DRIV	Global X Autonomous & Electric Vehicles ETF	6.6%	6.3%	0.12	0.15	0.13	0.16
SNSR	Global X Internet of Things ETF	6.0%	6.1%	0.35	0.38	0.40	0.43
DMAT	Global X Disruptive Materials ETF	5.5%	7.4%	0.26	0.21	0.30	0.24
AQWA	Global X Clean Water ETF	4.5%	6.3%	0.44	0.42	0.65	0.61
HYDR	Global X Hydrogen ETF	3.7%	6.2%	1.15	0.91	1.03	0.84
FINX	Global X FinTech ETF	3.5%	2.2%	0.79	1.49	1.02	1.89
BFIT	Global X Health & Wellness ETF	3.1%	5.0%	0.33	0.24	0.39	0.28
VPN	Global X Data Center REITs & Digital Infrastructure ETF	2.4%	4.0%	1.20	0.86	2.10	1.41
BOTZ	Global X Robotics & Artificial Intelligence ETF	2.4%	2.7%	1.27	1.28	1.22	1.23
PAVE	Global X U.S. Infrastructure Development ETF	2.2%	1.2%	0.52	1.03	0.65	1.26
CTEC	Global X Cleantech ETF	1.5%	4.1%	0.83	0.37	1.03	0.44
AGNG	Global X Aging Population ETF	1.2%	1.3%	2.67	2.55	3.20	3.04
SOCL	Global X Social Media ETF	1.1%	1.7%	2.47	1.91	2.31	1.79
RNRG	Global X Renewable Energy Producers ETF	0.7%	2.0%	3.81	1.50	7.08	2.64
KROP	Global X AgTech & Food Innovation ETF	-4.8%	-4.7%	-0.23	-0.28	-0.27	-0.32
WNDY	Global X Wind Energy ETF	-17.1%	-14.0%	-0.09	-0.13	-0.15	-0.20
GNOM	Global X Genomics & Biotechnology ETF	-19.0%	-17.6%	-0.29	-0.35	-0.27	-0.32

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/As 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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- **Multi-Theme:** [Thematic Growth ETF \(GXTG\)](#), [China Innovation ETF \(KEJI\)](#)



## Footnotes

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