

Index Monthly Performance Report

December 30, 2022

December's Top Performing Index	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
NASDAQ OMX Wind (GRNWIND)	9.5%	35.2%	17.5%	-8.4%	14.7%	63.7%	423.8%	36.8%

December's Worst Performing Index	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
NASDAQ Clean Edge Green Energy (CELS)	-19.9%	-17.0%	-9.6%	-30.6%	90.0%	132.2%	393.3%	47.9%

Nasdaq Featured Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
NDX	NDX	NASDAQ-100	-9.1%	-0.3%	-4.9%	-33.0%	25.3%	71.0%	311.1%	31.8%
NDXE	NDXE	NASDAQ-100 Equal Weighted	-6.6%	6.0%	1.5%	-25.1%	20.5%	53.8%	245.4%	29.9%
NDXT	NDXT	NASDAQ-100 Technology Sector	-8.0%	0.5%	-7.9%	-39.9%	5.4%	46.7%	312.4%	40.8%
NDXX	NDXM	NASDAQ-100 Ex-Tech Sector	-5.9%	9.7%	8.1%	-13.5%	31.3%	58.2%	214.8%	24.0%
NDXDWA	NDXDWA	NASDAQ-100 Dorsey Wright Momentum	-6.2%	5.0%	-0.1%	-29.2%	24.7%	51.8%	319.7%	29.2%
NXTQ	NXTQ	NASDAQ Q-50	-5.8%	7.6%	4.4%	-29.2%	12.4%	32.3%	197.3%	31.6%
NGX	NGX	NASDAQ Next Generation 100	-5.3%	8.1%	2.9%	-28.6%	9.7%	31.0%	206.4%	32.1%
NCX	NCX	NASDAQ Innovators Completion Cap	-2.9%	6.9%	9.8%	-24.1%	18.9%	38.7%	258.7%	37.3%
COMP	CCMP	NASDAQ Composite	-8.7%	-1.0%	-5.1%	-33.1%	16.6%	51.6%	246.6%	31.3%
XAU	XAU	PHLX Gold/Silver Sector	0.1%	19.8%	8.8%	-8.8%	13.0%	41.7%	-27.0%	39.5%
BKX	BKX	KBW Nasdaq Bank Index	-7.4%	5.2%	-0.2%	-23.7%	-11.0%	-5.5%	96.7%	29.7%

Nasdaq Global Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
NQGI	NQGI	NASDAQ Global	-3.9%	9.5%	1.8%	-19.7%	6.4%	15.6%	76.5%	19.2%
NQDM	NQDM	NASDAQ Developed Markets	-4.2%	9.5%	2.2%	-19.8%	8.6%	19.1%	89.6%	20.3%
NQEM	NQEM	NASDAQ Emerging Markets	-0.6%	10.1%	-2.1%	-17.9%	-13.2%	-13.7%	-3.1%	20.5%
NQDMXUS	NQDMXUS	NASDAQ DM Ex United States	-0.5%	15.6%	4.0%	-17.7%	-4.1%	-5.9%	22.4%	19.0%
NQASPAXJP	NQASPAXJ	NASDAQ ASPA Ex Japan	-0.6%	12.1%	-1.7%	-18.5%	-5.9%	-9.2%	10.1%	20.5%
NQEU	NQEUR	NASDAQ Europe	0.3%	19.8%	6.6%	-18.8%	-4.6%	-5.7%	18.9%	24.9%
NQUSL	NQUSL	NASDAQ US Large Cap	-6.1%	6.3%	0.9%	-21.2%	17.9%	43.0%	166.7%	24.3%
NQUSM	NQUSM	NASDAQ US Mid Cap	-5.6%	7.9%	3.6%	-18.5%	10.5%	24.0%	137.9%	25.9%
NQUSS	NQUSS	NASDAQ US Small Cap	-6.2%	6.5%	2.9%	-22.1%	9.9%	18.3%	120.5%	27.7%

Nasdaq OMX Nordic Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
OMXS30	OMXS30	OMX Stockholm 30	-2.8%	11.7%	9.1%	-15.6%	15.3%	29.6%	85.0%	21.2%
OMXH25	HEX25	OMX Helsinki 25	-2.0%	10.1%	7.4%	-13.4%	14.3%	23.2%	118.3%	22.1%
OMXC25	OMXC25	OMX Copenhagen 25	0.8%	18.2%	8.0%	-13.5%	35.6%	48.4%	223.9%	23.6%
OMXN40	OMXN40	OMX Nordic 40	-0.8%	13.2%	9.9%	-11.1%	28.6%	38.6%	105.0%	21.8%
NOMXN120	NOMXN120	NASDAQ OMX Nordic 120	-1.7%	12.3%	6.7%	-15.6%	23.9%	34.8%	102.5%	21.9%

Nasdaq Thematic / Tech Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
NBI	NBI	NASDAQ Biotechnology	-3.0%	11.8%	12.4%	-10.9%	11.3%	25.5%	194.5%	28.8%
NBIJR	NBIJR	Nasdaq Junior Biotechnology	-1.4%	-0.5%	10.8%	-28.3%	-17.3%	7.1%	185.5%	44.1%
BEWELL	BEWELL	Nasdaq CTA Global Digital Health	-4.6%	5.1%	1.2%	-34.4%	-5.1%	--	--	33.1%
NQHTEC	NQHTEC	Nasdaq Lux Health Tech	-5.0%	12.7%	9.2%	-37.9%	7.1%	111.9%	--	40.1%
QNET	QNET	NASDAQ Internet	-7.4%	-1.2%	-5.9%	-47.6%	-19.5%	-0.7%	182.5%	41.7%
SOX	SOX	PHLX Semiconductor	-10.4%	9.8%	-0.9%	-35.8%	36.9%	102.1%	559.3%	42.8%
NQSSSE	NQSSSE	Nasdaq US Smart Semiconductor	-8.5%	9.6%	0.7%	-34.1%	29.1%	77.1%	516.7%	42.3%
NQINTEL	NQINTEL	Nasdaq CTA Artificial Intelligence	-7.5%	3.6%	-9.5%	-41.8%	17.2%	44.6%	285.0%	31.7%
NQROBO	NQROBO	Nasdaq CTA Artificial Intelligence & Robotics	-5.3%	6.4%	-3.1%	-34.9%	4.3%	24.0%	207.0%	29.4%
HXR	HXR	ISE Cyber Security	-5.8%	0.3%	-5.7%	-28.9%	5.1%	52.6%	236.3%	28.9%
HUR	HUR	ISE Cyber Security UCITS	-8.6%	-4.8%	-7.2%	-31.0%	6.9%	53.0%	221.5%	32.6%
NQCYBR	NQCYBR	Nasdaq CTA Cybersecurity	-4.8%	0.2%	-4.0%	-26.6%	32.2%	72.2%	233.0%	32.1%
CPQ	CPQ	ISE CTA Cloud Computing	-8.5%	-4.5%	-12.6%	-44.8%	-3.9%	27.7%	193.2%	43.1%
EMCLOUD	EMCLOUD	BVP Nasdaq Emerging Cloud	-2.5%	-6.1%	-10.5%	-51.5%	-1.0%	94.8%	--	55.0%
NYGIT	NYGIT	Nasdaq Yewno Global Innovative Tech	-6.3%	4.2%	-6.1%	-30.2%	6.7%	35.2%	181.1%	26.2%
NYGITXDP	NYGITXDP	Nasdaq Yewno Global Innovative Tech Ex Disputable	-6.8%	2.9%	-7.3%	-31.6%	7.7%	37.8%	182.7%	26.7%
NYDTB	NYDTB	Nasdaq Yewno Global Disruptive Tech	-5.0%	8.5%	0.3%	-21.9%	10.8%	25.5%	--	21.8%
NYGCAR	NYGCAR	Nasdaq Yewno Global Future Mobility	-6.2%	7.0%	-10.5%	-30.8%	-4.8%	-16.4%	63.0%	21.8%
NYGBIG	NYGBIG	Nasdaq Yewno Global AI and Big Data	-6.8%	5.7%	-8.2%	-35.1%	9.6%	40.5%	188.0%	27.0%
PLAYER	PLAYER	Nasdaq CTA Global Video Games & ESports Index	-0.6%	3.5%	-10.6%	-36.5%	-8.4%	--	--	29.5%
KFTX	KFTX	KBW Nasdaq Financial Technology	-6.4%	2.8%	-1.3%	-31.9%	-6.7%	31.7%	283.4%	31.0%
WALLET	WALLET	Nasdaq CTA Global Digital Payments Index	-6.8%	1.6%	-1.1%	-35.4%	-21.2%	--	--	36.3%
IPY	IPAY	ISE Mobile Payments	-4.7%	6.2%	-4.6%	-26.0%	-9.5%	37.7%	239.5%	30.7%
HHO	HHO	ISE Clean Edge Water	-4.8%	10.7%	10.2%	-16.2%	33.4%	64.4%	208.9%	24.5%
GWE	GWE	ISE Clean Edge Global Wind Energy	1.6%	14.3%	1.3%	-14.7%	18.8%	31.9%	177.7%	23.1%
CELS	CELS	NASDAQ Clean Edge Green Energy	-19.9%	-17.0%	-9.6%	-30.6%	90.0%	132.2%	393.3%	47.9%
QGRD	QGRD	NASDAQ OMX Clean Edge Smart Grid Infrastructure	-5.0%	15.4%	12.8%	-15.0%	58.7%	70.8%	196.6%	24.8%

Nasdaq Dorsey Wright Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
DWTL	DWTL	Dorsey Wright Technical Leaders	-7.5%	5.5%	4.3%	-24.8%	10.8%	38.6%	158.1%	28.1%
DWANQFF	DWANQFF	Dorsey Wright Focus Five	-6.3%	12.0%	11.0%	-6.5%	45.6%	66.8%	260.0%	26.3%
DWANQIFF	DWANQIFF	Dorsey Wright International Focus Five Index	-1.8%	4.1%	-5.4%	-27.8%	-20.4%	-24.1%	--	23.4%
DWADM	DWADM	Dorsey Wright Developed Markets Tech Leaders	-2.7%	12.4%	0.4%	-31.2%	-2.9%	2.2%	50.6%	23.5%
DWAEM	DWAEM	Dorsey Wright Emerging Markets Tech Leaders	-1.3%	8.6%	-3.4%	-29.4%	-3.0%	-6.4%	7.2%	19.2%
DWATLSC	DWATLSC	Dorsey Wright SmallCap Tech Leaders	-6.2%	6.6%	7.7%	-18.8%	29.0%	52.2%	181.3%	29.9%
NQDALI	NQDALI	Nasdaq Dorsey Wright DALI1 Index	-5.4%	0.8%	-4.5%	-8.7%	15.2%	--	--	22.8%
DWBM	DWBM	Dorsey Wright Basic Materials Tech Leaders	-7.6%	13.3%	9.5%	-16.1%	26.4%	13.3%	103.5%	32.3%
DWCC	DWCC	Dorsey Wright Consumer Cyclical Tech Leaders	-6.5%	7.7%	5.3%	-29.7%	16.7%	29.0%	138.3%	28.5%
DWCS	DWCS	Dorsey Wright Consumer Staples Tech Leaders	-5.4%	11.5%	6.0%	-8.5%	13.4%	29.9%	139.8%	20.0%
DWEN	DWEN	Dorsey Wright Energy Tech Leaders	-9.2%	11.2%	14.5%	43.0%	54.9%	11.0%	6.2%	44.3%
DWFN	DWFN	Dorsey Wright Financials Tech Leaders	-7.0%	6.4%	2.8%	-25.2%	5.9%	17.7%	84.1%	25.2%
DWHC	DWHC	Dorsey Wright Healthcare Tech Leaders	-1.8%	1.5%	7.1%	-20.5%	30.2%	74.0%	311.4%	28.3%
DWIDX	DWIDX	Dorsey Wright Industrials Tech Leaders	-6.0%	6.0%	7.1%	-25.4%	26.7%	42.9%	155.7%	26.5%
DWTY	DWTY	Dorsey Wright Technology Tech Leaders	-8.9%	6.9%	4.6%	-31.5%	48.0%	119.7%	354.7%	39.7%
DWUT	DWUT	Dorsey Wright Utilities Tech Leaders	-3.7%	6.5%	-0.5%	-4.4%	-0.8%	22.1%	107.0%	20.7%

Nasdaq Dividend and Income Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
DAA	DAAX	NASDAQ US Broad Dividend Achievers	-3.6%	13.1%	5.9%	-8.0%	19.0%	37.8%	123.6%	18.7%
DAY	DAY	NASDAQ US Dividend Achievers 50	-4.0%	11.5%	0.8%	-1.5%	9.2%	16.3%	119.6%	17.4%
DAT	DAT	NASDAQ International Dividend Achievers	-3.7%	9.2%	-2.7%	-9.5%	-2.6%	0.7%	5.4%	18.3%
DRB	DRBX	NASDAQ US Buyback Achievers	-5.0%	15.2%	10.4%	-11.2%	24.4%	45.8%	188.6%	23.0%
NQCADIV	NQCADIV	NASDAQ Select Canadian Dividend	-5.2%	2.3%	-3.2%	-7.9%	3.0%	3.4%	40.6%	13.6%
NQCAPFD	NQCAPFD	NASDAQ Select Canadian Preferred Share	-1.8%	-3.4%	-10.0%	-20.0%	-8.0%	-21.5%	-30.9%	8.6%
NQMAUS	NQMAUS	NASDAQ US Multi-Asset Diversified Income	-4.6%	3.7%	-1.4%	-10.6%	-21.3%	-22.8%	-25.4%	14.7%
NQ96DIVUS	NQ96DVU	NASDAQ Technology Dividend	-6.4%	9.8%	-4.6%	-24.0%	10.9%	36.4%	148.6%	26.1%
NQVDIV	NQVDIV	NASDAQ Victory Dividend Accelerator	-3.9%	13.4%	8.1%	-5.9%	25.3%	58.4%	229.9%	19.3%
NQ7HANDLL	N7HANDLL	NASDAQ 7HANDL	-4.7%	3.7%	-3.1%	-20.8%	-8.3%	-4.0%	10.1%	17.0%

Nasdaq Options Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
BXNT	BXNT	CBOE NASDAQ-100 BuyWrite	-3.1%	5.1%	-2.9%	-18.7%	-0.7%	21.6%	102.0%	21.8%
BXNH	BXNH	CBOE NASDAQ-100 Half BuyWrite	-6.1%	2.5%	-3.6%	-25.8%	14.0%	49.2%	209.4%	26.4%
NQTRI	NQTRI	NASDAQ-100 Quarterly Protective Put 90	-9.1%	-4.3%	-8.9%	-28.4%	12.1%	54.2%	225.7%	22.2%
NQRMI	NQRMI	NASDAQ-100 Monthly Net Credit Collar 95-100	-3.3%	-2.0%	-5.1%	-18.0%	-19.9%	-20.1%	-1.6%	12.5%
NQCLRI	NQCLRI	NASDAQ-100 Quarterly Collar 95-110	-7.9%	-4.3%	-5.0%	-17.2%	1.1%	31.8%	138.9%	13.7%
QGLDITR	QGLDITR	Credit Suisse NASDAQ Gold FLOWS103	2.1%	7.8%	0.9%	-0.4%	20.2%	38.4%	8.1%	11.1%

Nasdaq Green Economy Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
QGREEN	QGREEN	NASDAQ OMX Green Economy	-8.8%	-2.3%	-4.0%	-29.2%	25.3%	45.6%	133.2%	26.6%
GRNWATUSL	GWATUSL	NASDAQ OMX US Water	-3.2%	12.8%	11.5%	-15.3%	33.9%	71.0%	148.6%	24.9%
GRNWATERL	GWATERL	NASDAQ OMX Global Water	-0.8%	15.0%	6.6%	-23.9%	7.5%	28.0%	84.6%	21.7%
GRNWIND	GRNWIND	NASDAQ OMX Wind	9.5%	35.2%	17.5%	-8.4%	14.7%	63.7%	423.8%	36.8%
GRNSOLAR	GRNSOLAR	NASDAQ OMX Solar	-11.1%	4.5%	-4.8%	-7.9%	145.5%	171.5%	944.1%	38.2%

Nasdaq BulletShares Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
BSCBM	BSCBM	BS Corporate Bond 2022 TR Index	0.4%	1.0%	1.5%	1.2%	5.7%	13.9%	--	0.4%
BSCBO	BSCBO	BS Corporate Bond 2024 TR Index	0.3%	1.0%	0.0%	-4.0%	2.5%	12.7%	--	2.2%
BSCBQ	BSCBQ	BS Corporate Bond 2026 TR Index	0.0%	2.2%	-0.3%	-8.2%	-0.7%	10.7%	--	4.8%
BSEMM	BSEMM	BS Emerging Markets 2022 TR Index	0.4%	0.9%	1.7%	-5.5%	-2.6%	6.0%	26.0%	4.4%
BSEMO	BSEMO	BS Emerging Markets 2024 TR Index	0.5%	2.2%	1.8%	-2.9%	2.7%	14.0%	37.5%	1.8%
BSJKM	BSJKM	BS High Yield Corporate Bond 2022 TR Index	0.4%	1.5%	1.9%	-2.2%	3.4%	13.1%	--	2.6%
BSJKO	BSJKO	BS High Yield Corporate Bond 2024 TR Index	-0.4%	3.3%	4.4%	-6.6%	1.9%	12.9%	--	5.9%
BSJKQ	BSJKQ	BS High Yield Corporate Bond 2026 TR Index	-0.5%	3.9%	4.7%	-7.0%	2.7%	14.6%	--	6.3%



Index Monthly Performance Report

December 30, 2022

Nasdaq Crypto Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
NCIS	NCIS	NASDAQ Crypto Index	-5.1%	-14.9%	-5.6%	-65.6%	--	--	--	64.9%
NQBTCS	NQBTCS	NASDAQ Bitcoin Index	-3.1%	-15.9%	-12.8%	-63.9%	--	--	--	59.6%
NQETHS	NQETHS	NASDAQ Etheruem Index	-7.2%	-11.4%	17.1%	-67.1%	--	--	--	82.1%

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