



Index Monthly Performance Report

October 31, 2023

October's Top Performing Index	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
Nasdaq Bitcoin™ (NQBTCSTM)	28.1%	18.0%	17.8%	68.5%	--	--	--	44.2%
October'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™)	-21.3%	-38.5%	-25.3%	-40.5%	-28.9%	78.6%	95.9%	30.9%

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®	-2.1%	-8.5%	8.8%	26.3%	30.4%	106.8%	326.6%	20.2%
NDXE™	NDXE	Nasdaq-100 Equal Weighted™	-4.7%	-11.6%	0.5%	11.8%	17.4%	71.2%	192.3%	18.1%
NDXT™	NDXT	Nasdaq-100 Technology Sector™	-4.1%	-11.4%	13.3%	30.7%	20.4%	95.2%	328.7%	26.9%
NDXX™	NDXM	Nasdaq-100 Ex-Tech Sector™	-5.0%	-11.8%	-6.2%	1.8%	16.3%	58.8%	135.7%	14.5%
NDXDWA™	NDXDWA	Nasdaq-100 Dorsey Wright Momentum™	-2.6%	-11.1%	2.6%	4.2%	-4.2%	42.1%	215.2%	17.4%
NXTQ™	NXTQ	Nasdaq Q-50™	-6.6%	-14.6%	-7.9%	-5.2%	-10.7%	29.1%	102.2%	17.6%
NGX™	NGX	Nasdaq Next Generation 100™	-6.8%	-14.7%	-7.5%	-2.0%	-6.9%	25.1%	108.8%	17.8%
NCX™	NCX	Nasdaq Innovators Completion Cap™	-13.7%	-30.2%	-24.3%	-24.3%	-17.7%	-1.9%	94.0%	23.1%
COMP®	CCMP	Nasdaq Composite®	-2.8%	-10.4%	5.1%	17.0%	17.8%	75.9%	227.9%	19.2%
XAU™	XAU	PHLX Gold/Silver Sector™	3.5%	-12.4%	-17.0%	7.7%	-20.7%	73.1%	17.0%	29.4%
BKX™	BKX	KBW Nasdaq Bank™	-5.6%	-17.3%	-9.1%	-29.0%	-3.9%	-25.3%	15.1%	27.8%

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™	-3.4%	-10.4%	-3.0%	7.9%	15.2%	28.8%	56.9%	11.9%
NQDM™	NQDM	Nasdaq Developed Markets™	-3.3%	-10.3%	-2.9%	7.6%	18.1%	32.2%	65.6%	12.5%
NQEM™	NQEM	Nasdaq Emerging Markets™	-3.7%	-11.4%	-4.4%	11.0%	-10.2%	-0.5%	-4.6%	13.2%
NQDMXUS™	NQDMXUS	Nasdaq DM Ex United States™	-4.6%	-11.9%	-9.0%	9.0%	7.3%	6.5%	4.5%	12.5%
NQASPAXJP™	NQASPAXJ	Nasdaq ASPA Ex Japan™	-4.4%	-12.4%	-7.4%	8.6%	-10.9%	2.8%	0.7%	14.5%
NQEU™	NQEUR	Nasdaq Europe™	-4.0%	-11.8%	-11.1%	12.4%	14.0%	8.7%	1.3%	15.7%
NQUSL™	NQUSL	Nasdaq US Large Cap™	-2.1%	-8.4%	1.4%	9.2%	26.1%	56.0%	139.9%	14.6%
NQUSM™	NQUSM	Nasdaq US Mid Cap™	-5.7%	-13.8%	-3.9%	-2.7%	14.0%	24.6%	80.4%	17.2%
NQUSS™	NQUSS	Nasdaq US Small Cap™	-6.8%	-17.8%	-6.3%	-9.5%	11.0%	12.4%	59.2%	19.6%

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™	-3.7%	-7.8%	-8.6%	5.4%	20.9%	34.9%	61.7%	14.9%
OMXH25™	HEX25	OMX Helsinki 25™	-3.5%	-6.1%	-13.3%	-10.6%	1.5%	4.0%	50.0%	13.2%
OMXC25™	OMXC25	OMX Copenhagen 25™	-4.7%	-10.5%	-10.9%	2.9%	9.1%	58.1%	146.4%	13.9%
OMXN40™	OMXN40	OMX Nordic 40™	-2.6%	-1.5%	-4.2%	9.9%	27.6%	54.0%	84.3%	14.1%
NOMXN120™	NOMXN120	Nasdaq OMX Nordic 120™	-3.5%	-3.4%	-5.9%	4.7%	21.6%	40.0%	76.6%	14.0%

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®	-6.6%	-10.5%	-11.8%	-10.0%	-9.8%	12.8%	72.3%	14.9%
NBJR™	NBJR	Nasdaq Junior Biotechnology™	-10.4%	-24.6%	-18.3%	-19.8%	-42.9%	-17.7%	67.4%	27.5%
BEWELL™	BEWELL	Nasdaq CTA Global Digital Health™	-7.5%	-28.4%	-30.4%	-25.0%	-51.6%	-6.0%	--	19.7%
NQHTEC™	NQHTEC	Nasdaq Lux Health Tech™	-12.8%	-32.6%	-29.2%	-22.5%	-45.0%	5.9%	--	22.3%
QNET™	QNET	Nasdaq CTA Internet™	-2.3%	-11.0%	6.8%	31.6%	-25.7%	28.1%	149.5%	24.3%
SOX™	SOX	PHLX Semiconductor™	-6.4%	-16.7%	7.4%	34.9%	43.2%	167.5%	534.2%	30.2%
NQSSSE™	NQSSSE	Nasdaq US Smart Semiconductor™	-7.1%	-16.7%	4.6%	25.9%	29.7%	134.0%	432.2%	28.4%
NQINTEL™	NQINTEL	Nasdaq CTA Artificial Intelligence™	-6.7%	-18.8%	7.0%	20.2%	12.1%	94.7%	269.6%	23.4%
NQROBO™	NQROBO	Nasdaq CTA Artificial Intelligence & Robotics™	-8.8%	-20.9%	-9.1%	2.6%	-5.1%	31.0%	--	19.9%
HXR™	HXR	ISE Cyber Security™	-5.4%	-9.0%	3.6%	-2.4%	-0.1%	36.9%	168.0%	18.9%
HUR™	HUR	ISE Cyber Security UCITS™	-6.2%	-7.9%	7.9%	0.9%	8.9%	49.3%	181.9%	22.3%
NQCYBR™	NQCYBR	Nasdaq CTA Cybersecurity™	-2.1%	-5.3%	12.2%	7.1%	34.8%	83.2%	--	19.0%
CPQ™	CPQ	ISE CTA Cloud Computing™	-3.7%	-9.1%	15.5%	14.2%	-3.2%	43.2%	197.8%	27.8%
EMCLOUD™	EMCLOUD	BVP Nasdaq Emerging Cloud™	-7.8%	-20.6%	2.7%	-0.4%	-34.1%	50.6%	427.7%	34.1%
NQ2045™	NQ2045	Nasdaq Singularity™	-3.8%	-13.6%	-2.1%	16.4%	5.9%	50.0%	--	17.0%
NYGIT™	NYGIT	Nasdaq Global Innovative Tech™	-0.7%	-7.8%	5.2%	23.0%	17.4%	63.4%	183.5%	16.5%
NYGITXDP™	NYGITXDP	Nasdaq Global Innovative Tech Ex Disputable™	-0.8%	-8.2%	5.9%	23.3%	16.9%	67.8%	191.0%	17.1%
NYDTB™	NYDTB	Nasdaq Global Disruptive Tech™	-2.8%	-5.0%	0.1%	14.3%	20.0%	45.0%	100.1%	14.0%
NYGCAR™	NYGCAR	Nasdaq Global Future Mobility™	-6.6%	-14.2%	2.7%	30.8%	21.5%	27.6%	55.1%	17.8%
NYGBIG™	NYGBIG	Nasdaq Global AI and Big Data™	-0.8%	-6.1%	14.4%	41.5%	42.1%	553.2%	553.2%	19.4%
PLAYER™	PLAYER	Nasdaq CTA Global Video Games & ESports™	-2.8%	-16.6%	-10.0%	6.6%	-38.6%	9.6%	--	21.9%
PLAYR2™	PLAYR2	Nasdaq CTA Global Video Games Software™	-3.5%	-16.7%	-12.9%	-3.9%	--	--	--	18.2%
KFTX™	KFTX	KBW Nasdaq Financial Technology™	-6.9%	-16.0%	-3.5%	-2.0%	-3.8%	19.8%	166.9%	21.7%
WALLET™	WALLET	Nasdaq CTA Global Digital Payments™	-9.3%	-23.9%	-15.8%	-15.9%	-34.0%	-6.8%	--	23.8%
IPY™	IPAY	ISE Mobile Payments™	-6.7%	-14.8%	-9.5%	-7.3%	-11.1%	12.1%	132.3%	20.4%

Nasdaq Thematic ESG Indexes

Index	BBG Ticker	Name	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
CELS™	CELS	Nasdaq Clean Edge Green Energy™	-21.3%	-38.5%	-25.3%	-40.5%	-28.9%	78.6%	95.9%	30.9%
QGRD™	QGRD	Nasdaq OMX Clean Edge Smart Grid Infrastructure™	-8.2%	-18.2%	-10.6%	3.3%	34.9%	103.6%	138.4%	15.9%
HHO™	HHO	ISE Clean Edge Water™	-5.1%	-14.0%	-4.3%	-1.5%	26.7%	73.5%	145.0%	16.8%
GWE™	GWE	ISE Clean Edge Global Wind Energy™	-6.6%	-20.4%	-23.8%	-12.7%	-24.0%	21.9%	33.8%	15.5%
CLMTCH™	CLMTCH	Nasdaq CTA Global Climate Technology™	-10.3%	-22.9%	-12.1%	--	--	--	--	14.9%
METAL™	METAL	Nasdaq Sprott Energy Transition Materials Select™	-10.7%	-25.0%	-21.1%	-14.0%	40.3%	--	--	27.2%
NSETM™	NSETM	Nasdaq Sprott Energy Transition Materials™	-11.2%	-13.2%	-5.3%	-7.4%	88.1%	128.2%	--	24.8%
NSCOPJ™	NSCOPJ	Nasdaq Sprott Junior Copper Miners™	-8.2%	-21.7%	-17.8%	16.4%	--	--	--	26.2%
NSLITP™	NSLITP	Nasdaq Sprott Lithium Miners™	-21.1%	-36.5%	-31.3%	-43.3%	--	--	--	31.8%
NSNIKL™	NSNIKL	Nasdaq Sprott Nickel Miners™	-10.9%	-21.2%	-22.2%	-14.2%	--	--	--	22.7%



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NSURNJ™	NSURNJ	Nasdaq Sprott Junior Uranium Miners™	-4.5%	35.4%	51.3%	22.9%	291.1%	--	--	35.3%
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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™	-4.4%	-9.6%	-2.1%	-1.2%	-2.4%	40.0%	115.4%	16.4%
DWANQFF™	DWANQFF	Dorsey Wright Focus Five™	-5.5%	-14.4%	-5.7%	-11.4%	23.5%	54.4%	--	17.2%
DWANQIFF™	DWANQIFF	Dorsey Wright International Focus Five™	-3.6%	-8.8%	-3.4%	6.2%	-7.1%	-6.0%	--	13.9%
DWADM™	DWADM	Dorsey Wright Developed Markets Technical Leaders™	-4.6%	-13.7%	-9.5%	5.9%	-6.2%	15.6%	17.7%	13.8%
DWAEM™	DWAEM	Dorsey Wright Emerging Markets Technical Leaders™	-6.4%	-12.2%	-4.3%	10.9%	-6.4%	16.2%	3.2%	11.8%
DWATLSC™	DWATLSC	Dorsey Wright SmallCap Technical Leaders™	-7.3%	-16.1%	-2.9%	-9.8%	18.6%	42.4%	92.8%	19.7%
NQDALI™	NQDALI	Nasdaq Dorsey Wright DALI1™	-7.7%	-15.8%	-10.5%	-8.2%	27.8%	24.6%	--	12.6%
DWBM™	DWBM	Dorsey Wright Basic Materials Technical Leaders™	-6.1%	-17.9%	-10.0%	-7.6%	29.3%	24.7%	55.0%	26.4%
DWCC™	DWCC	Dorsey Wright Consumer Cyclical Technical Leaders™	-6.6%	-17.4%	-12.2%	-5.6%	3.0%	18.1%	65.7%	20.1%
DWCS™	DWCS	Dorsey Wright Consumer Staples Technical Leaders™	-5.1%	-9.2%	-10.5%	-0.4%	3.8%	13.6%	89.6%	13.9%
DWEN™	DWEN	Dorsey Wright Energy Technical Leaders™	-6.3%	-1.5%	11.9%	-0.9%	252.8%	18.3%	-20.8%	33.0%
DWFN™	DWFN	Dorsey Wright Financials Technical Leaders™	-4.2%	-14.0%	-2.6%	-5.5%	11.0%	26.7%	47.1%	20.6%
DWHC™	DWHC	Dorsey Wright Healthcare Technical Leaders™	-9.9%	-21.9%	-24.1%	-30.9%	-32.6%	12.8%	132.7%	22.7%
DWIDX™	DWIDX	Dorsey Wright Industrials Technical Leaders™	-4.7%	-11.5%	2.0%	8.7%	30.5%	71.8%	117.0%	21.6%
DWTY™	DWTY	Dorsey Wright Technology Technical Leaders™	-6.9%	-20.4%	2.3%	4.7%	13.1%	120.5%	288.0%	28.6%
DWUT™	DWUT	Dorsey Wright Utilities Technical Leaders™	0.8%	-9.9%	-10.8%	-11.2%	-3.9%	3.9%	50.7%	15.4%

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™	-1.8%	-8.1%	-3.8%	0.7%	21.6%	37.1%	84.4%	11.9%
DAY™	DAY	Nasdaq US Dividend Achievers 50™	-4.5%	-9.1%	-8.6%	-11.3%	23.9%	7.0%	58.9%	15.3%
DAT™	DAT	Nasdaq International Dividend Achievers™	-3.9%	-12.7%	-11.8%	-1.0%	26.5%	9.3%	-9.2%	12.6%
DRB™	DRBX	Nasdaq US Buyback Achievers™	-4.6%	-8.5%	-0.5%	1.3%	45.8%	49.1%	112.0%	15.0%
NQCADIV™	NQCADIV	Nasdaq Select Canadian Dividend™	-3.7%	-10.2%	-13.2%	-10.1%	16.7%	8.1%	12.8%	10.4%
NQMAUS™	NQMAUS	Nasdaq US Multi-Asset Diversified Income™	-2.2%	-6.8%	-3.5%	-7.0%	4.0%	-22.0%	-32.7%	11.3%
NQ96DIVUS™	NQ96DVU	Nasdaq Technology Dividend™	-2.4%	-9.0%	3.3%	16.3%	30.6%	55.5%	133.2%	17.9%
NQVDIV™	NQVDIV	Nasdaq Victory Dividend Accelerator™	-2.9%	-11.1%	-7.7%	-3.9%	19.3%	45.1%	140.5%	12.7%
NQ7HANDLL™	N7HNDLL	Nasdaq 7HANDL™	-2.8%	-9.4%	-7.2%	-2.2%	-13.0%	-1.5%	4.7%	11.3%
NQDVRIS™	NQDVRIS	Nasdaq US Rising Dividend Achievers™	-3.8%	-10.8%	-2.9%	1.4%	37.3%	51.5%	137.3%	18.4%
NQDVSMR™	NQDVSMR	Nasdaq US SMID Cap Rising Dividend Achievers™	-4.9%	-11.4%	2.3%	4.1%	44.3%	39.6%	--	21.4%
DRBXUS™	DRBXUS	Nasdaq International BuyBack Achievers™	-5.1%	-8.0%	-3.1%	9.7%	14.7%	17.6%	51.8%	13.5%

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™	0.0%	-5.0%	2.1%	16.7%	17.8%	33.5%	108.6%	9.9%
BXNH™	BXNH	CBOE Nasdaq-100 Half BuyWrite™	-1.0%	-6.7%	5.8%	22.2%	26.2%	72.1%	220.1%	15.4%
NQTRI™	NQTRI	Nasdaq-100 Quarterly Protective Put 90™	-2.2%	-8.2%	8.2%	19.4%	20.6%	79.1%	232.7%	18.4%
NQRMII™	NQRMII	Nasdaq-100 Monthly Net Credit Collar 95-100™	-1.4%	-5.5%	-2.2%	3.6%	-10.5%	-14.7%	-2.9%	7.5%
NQCLRI™	NQCLRI	Nasdaq-100 Quarterly Collar 95-110™	-1.7%	-6.5%	-0.4%	6.9%	16.1%	37.0%	126.6%	12.6%
NQYLEI™	NQYLEI	Nasdaq-100 ESG BuyWrite™	0.2%	-4.8%	1.0%	--	--	--	--	7.7%
QGLDITR™	QGLDITR	Credit Suisse Nasdaq Gold FLOWS103™	4.9%	-0.4%	0.2%	13.2%	3.4%	51.0%	36.4%	8.3%
QSLVOTR™	QSLVOTR	Credit Suisse Nasdaq Silver FLOWS106 TR™	3.3%	-5.4%	-3.9%	11.7%	5.4%	33.7%	-9.2%	22.2%
QUSOITR™	QUSOITR	Credit Suisse Nasdaq WTI Crude Oil FLOWS 106 TR™	-4.3%	4.0%	10.5%	16.2%	133.6%	-34.3%	-70.6%	24.1%

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™	-8.1%	-16.6%	-5.1%	-3.9%	10.1%	55.4%	94.7%	16.9%
GRNWATUSL™	GWATUSL	Nasdaq OMX US Water™	-4.6%	-12.3%	-3.5%	0.9%	25.1%	76.3%	104.9%	16.3%
GRNWATERL™	GWATERL	Nasdaq OMX Global Water™	-5.8%	-13.7%	-9.0%	3.7%	3.1%	35.7%	47.0%	14.4%
GRNWIND™	GRNWIND	Nasdaq OMX Wind™	-4.5%	-27.4%	-29.1%	-9.5%	-47.4%	17.8%	107.7%	25.8%
GRNSOLAR™	GRNSOLAR	Nasdaq OMX Solar™	-11.3%	-25.2%	-18.0%	-17.3%	42.3%	233.9%	328.7%	25.8%

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™	21.7%	10.7%	10.2%	48.0%	172.8%	--	--	44.4%
NQBTCS™	NQBTCS	Nasdaq Bitcoin™	28.1%	18.0%	17.8%	68.5%	--	--	--	44.2%
NQETHS™	NQETHS	Nasdaq Ethereum™	8.6%	-2.8%	-4.5%	15.0%	--	--	--	48.2%
NCIES™	NCIES	Nasdaq Crypto Index Europe™	21.0%	9.6%	8.4%	41.8%	--	--	--	45.7%

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