

## Index Monthly Performance Report

July 31, 2023

July's Top Performing Index	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
KBW Nasdaq Bank™ (BKX™)	11.4%	9.9%	-20.9%	-17.6%	19.9%	-18.0%	35.8%	28.2%

July's Worst Performing Index	1-Mth	3-Mth	6-Mth	1-YR	3-YR	5-YR	10-YR	Volatility
Dorsey Wright Healthcare Technical Leaders™ (DWHTC™)	-4.3%	-2.8%	-4.1%	-1.7%	-13.2%	34.7%	188.6%	24.6%

### 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®	3.8%	19.0%	30.2%	21.7%	44.5%	117.9%	409.9%	22.0%
NDXE™	NDXE	Nasdaq-100 Equal Weighted™	4.8%	13.7%	15.4%	16.0%	33.5%	80.0%	254.0%	20.2%
NDXT™	NDXT	Nasdaq-100 Technology Sector™	6.7%	27.9%	32.4%	22.1%	36.3%	98.7%	417.0%	28.2%
NDXX™	NDXM	Nasdaq-100 Ex-Tech Sector™	3.8%	6.3%	6.2%	13.3%	32.9%	70.0%	184.5%	16.8%
NDXDWA™	NDXDWA	Nasdaq-100 Dorsey Wright Momentum™	3.7%	15.4%	11.5%	9.2%	16.7%	46.4%	288.5%	17.7%
NXTQ™	NXTQ	Nasdaq Q-50™	2.3%	7.8%	2.8%	4.9%	4.2%	42.1%	153.6%	20.1%
NGX™	NGX	Nasdaq Next Generation 100™	3.1%	8.4%	2.8%	5.2%	9.1%	36.4%	163.0%	20.5%
NCX™	NCX	Nasdaq Innovators Completion Cap™	2.2%	8.4%	-4.9%	6.4%	19.2%	32.2%	201.6%	26.0%
COMP®	CCMP	Nasdaq Composite®	4.0%	17.3%	23.8%	15.8%	33.5%	87.0%	295.6%	21.1%
XAU™	XAU	PHLX Gold/Silver Sector™	5.9%	-5.2%	-4.8%	16.9%	-17.8%	64.4%	28.7%	31.3%
BKX™	BKX	KBW Nasdaq Bank™	11.4%	9.9%	-20.9%	-17.6%	19.9%	-18.0%	35.8%	28.2%

### 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™	3.6%	8.2%	8.6%	10.8%	28.8%	33.4%	86.8%	13.4%
NQDM™	NQDM	Nasdaq Developed Markets™	3.5%	8.2%	9.3%	11.0%	31.7%	37.3%	96.5%	14.2%
NQEM™	NQEM	Nasdaq Emerging Markets™	5.2%	7.9%	2.3%	8.4%	2.6%	-0.1%	17.2%	13.7%
NQDMXUS™	NQDMXUS	Nasdaq DM Ex United States™	3.5%	3.3%	4.2%	11.4%	20.3%	9.0%	29.2%	13.7%
NQASPAXJP™	NQASPAXJ	Nasdaq ASPA Ex Japan™	4.9%	5.8%	-0.4%	5.0%	4.6%	2.7%	25.0%	15.0%
NQEU™	NQEUR	Nasdaq Europe™	3.2%	0.9%	5.2%	16.0%	22.5%	10.4%	26.8%	17.4%
NQUSL™	NQUSL	Nasdaq US Large Cap™	3.2%	10.6%	13.7%	11.6%	38.2%	64.0%	172.8%	16.8%
NQUSM™	NQUSM	Nasdaq US Mid Cap™	4.4%	11.5%	4.0%	7.2%	35.7%	34.2%	122.0%	19.1%
NQUSS™	NQUSS	Nasdaq US Small Cap™	6.4%	14.0%	3.1%	6.9%	39.5%	24.0%	103.6%	21.4%

### 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™	-2.6%	-0.9%	2.4%	10.7%	31.8%	39.3%	82.4%	16.1%
OMXH25™	HEX25	OMX Helsinki 25™	-0.7%	-7.6%	-11.1%	-8.5%	7.6%	3.5%	89.3%	14.0%
OMXC25™	OMXC25	OMX Copenhagen 25™	-0.4%	-0.5%	6.6%	2.2%	27.1%	56.4%	203.5%	15.8%
OMXN40™	OMXN40	OMX Nordic 40™	-0.5%	-2.7%	2.8%	3.6%	30.3%	46.4%	97.6%	14.8%
NOMXN120™	NOMXN120	Nasdaq OMX Nordic 120™	0.5%	-2.5%	1.3%	-1.2%	26.8%	35.7%	93.1%	15.0%

### 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®	1.3%	-1.4%	-5.3%	5.8%	-2.2%	12.6%	99.9%	18.7%
NBIJR™	NBIJR	Nasdaq Junior Biotechnology™	3.5%	8.3%	0.1%	12.7%	-13.6%	-4.0%	122.5%	30.2%
BEWELL™	BEWELL	Nasdaq CTA Global Digital Health™	3.7%	-2.8%	-2.3%	-4.0%	-30.1%	42.0%	--	21.2%
NQHTEC™	NQHTEC	Nasdaq Lux Health Tech™	0.7%	5.1%	7.7%	10.5%	-10.8%	69.1%	--	24.8%
QNET™	QNET	Nasdaq CTA Internet™	7.8%	20.0%	26.0%	29.1%	-11.1%	27.6%	223.4%	26.3%
SOX™	SOX	PHLX Semiconductor™	5.1%	28.9%	32.2%	30.1%	80.8%	182.4%	708.2%	31.8%
NQSSSE™	NQSSSE	Nasdaq US Smart Semiconductor™	6.0%	25.5%	25.1%	23.0%	59.5%	132.3%	566.0%	30.3%
NQINTEL™	NQINTEL	Nasdaq CTA Artificial Intelligence™	10.0%	31.7%	27.7%	25.9%	48.7%	109.3%	387.3%	23.9%
NQROBO™	NQROBO	Nasdaq CTA Artificial Intelligence & Robotics™	2.3%	14.9%	14.0%	14.9%	25.2%	55.4%	--	21.4%
HXR™	HXR	ISE Cyber Security™	1.7%	13.8%	9.0%	4.6%	-0.9%	50.1%	202.5%	20.7%
HUR™	HUR	ISE Cyber Security UCITS™	2.9%	17.2%	14.8%	8.3%	6.9%	60.7%	209.7%	23.9%
NQCYBR™	NQCYBR	Nasdaq CTA Cybersecurity™	3.5%	18.5%	16.5%	11.5%	32.6%	85.1%	--	21.3%
CPQ™	CPQ	ISE CTA Cloud Computing™	5.9%	27.1%	25.7%	14.5%	3.9%	53.4%	248.2%	30.2%
EMCLOUD™	EMCLOUD	BVP Nasdaq Emerging Cloud™	8.7%	29.4%	20.3%	17.2%	-16.7%	88.5%	--	36.7%
NQ2045™	NQ2045	Nasdaq Singularity™	2.8%	13.2%	17.0%	16.2%	27.1%	61.5%	--	18.5%
NYGIT™	NYGIT	Nasdaq Global Innovative Tech™	3.7%	14.1%	21.9%	17.2%	29.1%	67.3%	234.1%	18.2%
NYGITXDP™	NYGITXDP	Nasdaq Global Innovative Tech Ex Disputable™	4.4%	15.4%	22.9%	17.1%	29.3%	73.4%	244.6%	18.8%
NYDTB™	NYDTB	Nasdaq Global Disruptive Tech™	-1.2%	5.4%	8.8%	9.8%	27.1%	43.1%	123.8%	15.0%
NYGCAR™	NYGCAR	Nasdaq Global Future Mobility™	4.2%	19.6%	25.0%	25.4%	58.1%	29.7%	93.8%	18.6%
NYGBIG™	NYGBIG	Nasdaq Global AI and Big Data™	4.4%	21.8%	32.2%	28.9%	50.7%	595.6%	595.6%	20.8%
PLAYER™	PLAYER	Nasdaq CTA Global Video Games & ESports™	4.7%	8.0%	7.8%	1.7%	-21.4%	13.1%	--	22.0%
PLAYR2™	PLAYR2	Nasdaq CTA Global Video Games Software™	2.9%	4.5%	7.1%	--	--	--	--	18.3%
KFTX™	KFTX	KBW Nasdaq Financial Technology™	5.9%	14.8%	6.9%	8.1%	11.1%	39.2%	254.0%	23.6%
WALLET™	WALLET	Nasdaq CTA Global Digital Payments™	6.4%	10.6%	4.3%	3.4%	-15.4%	21.8%	--	25.5%
IPY™	IPAY	ISE Mobile Payments™	2.9%	6.3%	-0.9%	-3.1%	3.7%	30.8%	204.7%	22.0%

### 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™	6.5%	21.6%	-2.5%	-12.2%	56.9%	173.2%	243.0%	32.6%
QGRD™	QGRD	Nasdaq OMX Clean Edge Smart Grid Infrastructure™	0.7%	9.2%	10.9%	18.5%	81.6%	110.2%	216.7%	17.8%
HHO™	HHO	ISE Clean Edge Water™	3.1%	11.3%	7.5%	12.3%	55.7%	82.9%	214.2%	18.8%
GWE™	GWE	ISE Clean Edge Global Wind Energy™	-1.7%	-4.3%	-4.6%	-6.6%	3.7%	31.5%	95.5%	16.3%
CLMTCH™	CLMTCH	Nasdaq CTA Global Climate Technology™	4.6%	14.1%	8.0%	--	--	--	--	12.5%
METAL™	METAL	Nasdaq Sprott Energy Transition Materials Select™	5.1%	5.3%	-7.0%	16.3%	100.7%	--	--	27.5%
NSETM™	NSETM	Nasdaq Sprott Energy Transition Materials™	4.2%	9.0%	-8.4%	6.6%	138.9%	125.9%	--	26.2%
NSCOPJ™	NSCOPJ	Nasdaq Sprott Junior Copper Miners™	9.7%	5.0%	4.5%	29.7%	--	--	--	27.1%
NSLITP™	NSLITP	Nasdaq Sprott Lithium Miners™	-3.7%	8.2%	-10.6%	6.2%	--	--	--	33.1%
NSNIK™	NSNIK	Nasdaq Sprott Nickel Miners™	0.9%	-1.3%	-12.7%	-6.3%	--	--	--	23.7%
NSURNJ™	NSURNJ	Nasdaq Sprott Junior Uranium Miners™	-1.5%	11.8%	-15.5%	-11.5%	154.7%	--	--	38.8%

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July 31, 2023

### 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™	0.5%	8.3%	7.9%	8.1%	11.3%	46.0%	151.4%	18.0%
DWANQFF™	DWANQFF	Dorsey Wright Focus Five™	4.2%	10.2%	0.6%	6.7%	44.5%	62.8%	--	19.3%
DWANQIFF™	DWANQIFF	Dorsey Wright International Focus Five™	4.4%	5.9%	6.4%	2.6%	4.0%	-10.5%	--	16.1%
DWADM™	DWADM	Dorsey Wright Developed Markets Technical Leaders™	4.9%	4.8%	7.6%	8.9%	10.8%	17.2%	53.9%	14.9%
DWAEM™	DWAEM	Dorsey Wright Emerging Markets Technical Leaders™	5.8%	9.0%	6.9%	9.1%	5.9%	7.9%	20.8%	12.1%
DWATLSC™	DWATLSC	Dorsey Wright SmallCap Technical Leaders™	5.6%	15.7%	7.7%	10.4%	47.5%	55.2%	141.6%	21.2%
NQDALI™	NQDALI	Nasdaq Dorsey Wright DALI1™	5.6%	6.3%	5.8%	6.0%	53.8%	34.9%	--	12.7%
DWBM™	DWBM	Dorsey Wright Basic Materials Technical Leaders™	4.8%	9.6%	-0.6%	0.6%	66.5%	28.0%	101.6%	29.8%
DWCC™	DWCC	Dorsey Wright Consumer Cyclical Technical Leaders™	5.9%	6.3%	6.0%	5.9%	30.4%	35.1%	114.0%	23.6%
DWCST™	DWCST	Dorsey Wright Consumer Staples Technical Leaders™	0.5%	-1.4%	3.0%	7.9%	19.6%	25.9%	120.2%	16.2%
DWEN™	DWEN	Dorsey Wright Energy Technical Leaders™	11.3%	13.6%	-2.8%	-1.9%	194.7%	3.5%	-10.8%	40.6%
DWFM™	DWFM	Dorsey Wright Financials Technical Leaders™	9.6%	13.3%	6.4%	5.6%	26.3%	33.0%	79.4%	22.5%
DWHC™	DWHC	Dorsey Wright Healthcare Technical Leaders™	-4.3%	-2.8%	-4.1%	-1.7%	-13.2%	34.7%	188.6%	24.6%
DWIDX™	DWIDX	Dorsey Wright Industrials Technical Leaders™	3.2%	15.2%	16.7%	20.4%	52.1%	75.9%	163.2%	23.4%
DWTY™	DWTY	Dorsey Wright Technology Technical Leaders™	5.1%	28.5%	27.0%	31.2%	47.3%	162.8%	435.5%	31.6%
DWUT™	DWUT	Dorsey Wright Utilities Technical Leaders™	2.5%	-1.0%	-2.6%	-9.2%	5.4%	16.3%	67.2%	17.4%

### 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™	2.2%	4.7%	4.5%	6.7%	32.9%	46.1%	105.3%	13.9%
DAY™	DAY	Nasdaq US Dividend Achievers 50™	4.7%	0.5%	-6.0%	-5.0%	38.3%	11.0%	78.1%	15.9%
DAT™	DAT	Nasdaq International Dividend Achievers™	1.9%	1.1%	2.0%	2.9%	44.5%	14.9%	10.5%	14.6%
DRB™	DRBX	Nasdaq US Buyback Achievers™	4.8%	8.7%	2.7%	12.8%	57.3%	60.0%	148.3%	17.2%
NQCADIV™	NQCADIV	Nasdaq Select Canadian Dividend™	0.9%	-3.4%	-4.6%	-4.4%	28.7%	10.6%	36.4%	11.3%
NQMAUS™	NQMAUS	Nasdaq US Multi-Asset Diversified Income™	5.2%	3.5%	-4.8%	-6.8%	8.0%	-19.5%	-28.7%	12.4%
NQ96DIVUS™	NQ96DVU	Nasdaq Technology Dividend™	2.4%	13.4%	16.2%	12.4%	38.4%	64.6%	168.8%	19.9%
NQVDIV™	NQVDIV	Nasdaq Victory Dividend Accelerator™	2.4%	3.8%	2.7%	5.6%	37.4%	60.3%	186.1%	14.8%
NQ7HANDLL™	N7HANDLL	Nasdaq 7HANDL™	1.9%	2.5%	1.8%	-3.0%	-6.0%	4.9%	17.6%	13.0%
NQDVRIS™	NQDVRIS	Nasdaq US Rising Dividend Achievers™	5.0%	8.9%	3.4%	11.9%	55.7%	61.4%	183.3%	20.1%
NQDVSMR™	NQDVSMR	Nasdaq US SMID Cap Rising Dividend Achievers™	6.9%	15.4%	4.7%	14.8%	69.6%	44.2%	--	22.4%
DRBXUS™	DRBXUS	Nasdaq International BuyBack Achievers™	5.3%	5.4%	0.8%	9.5%	28.5%	9.2%	83.2%	14.2%

### 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™	2.7%	7.5%	13.9%	11.4%	22.4%	38.7%	130.4%	13.0%
BXNH™	BXNH	CBOE Nasdaq-100 Half BuyWrite™	3.3%	13.4%	22.3%	17.3%	35.5%	80.1%	268.1%	17.5%
NQTRI™	NQTRI	Nasdaq-100 Quarterly Protective Put 90™	3.3%	17.9%	26.9%	13.6%	30.9%	91.0%	295.2%	19.6%
NQRMII™	NQRMII	Nasdaq-100 Monthly Net Credit Collar 95-100™	1.6%	3.5%	7.4%	3.3%	-8.1%	-11.8%	6.2%	7.4%
NQCLRI™	NQCLRI	Nasdaq-100 Quarterly Collar 95-110™	2.7%	6.5%	14.2%	9.4%	26.3%	44.8%	159.6%	11.8%
NQYLEI™	NQYLEI	Nasdaq-100 ESG BuyWrite™	2.7%	6.1%	--	--	--	--	--	5.9%
QGLDITR™	QGLDITR	Credit Suisse Nasdaq Gold FLOWS103™	2.5%	0.6%	1.4%	7.7%	3.1%	51.7%	40.4%	9.2%
QSLVOTR™	QSLVOTR	Credit Suisse Nasdaq Silver FLOWS106 TR™	8.6%	1.6%	-2.3%	14.5%	8.8%	30.8%	4.5%	22.0%
QUSOITR™	QUSOITR	Credit Suisse Nasdaq WTI Crude Oil FLOWS 106 TR™	10.2%	6.3%	10.6%	9.3%	104.0%	-38.6%	-73.4%	25.6%

### 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™	2.1%	13.7%	10.5%	1.4%	38.0%	74.6%	146.3%	18.3%
GRNWATUSL™	GWATUSL	Nasdaq OMX US Water™	2.6%	10.1%	6.5%	11.0%	49.3%	83.6%	151.5%	18.5%
GRNWATERL™	GWATERL	Nasdaq OMX Global Water™	3.3%	5.4%	3.9%	8.5%	21.3%	44.3%	89.0%	16.2%
GRNWIND™	GRNWIND	Nasdaq OMX Wind™	-1.7%	-2.3%	-8.2%	-3.3%	-16.3%	53.2%	268.0%	25.2%
GRNSOLAR™	GRNSOLAR	Nasdaq OMX Solar™	0.9%	9.6%	-1.1%	-7.1%	124.4%	222.3%	599.2%	25.6%

### 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™	-3.4%	-0.4%	22.2%	16.4%	191.9%	--	--	44.7%
NQBTCST™	NQBTCST	Nasdaq Bitcoin™	-3.8%	-0.2%	26.0%	22.0%	--	--	--	44.2%
NQETHST™	NQETHST	Nasdaq Ethereum™	-3.2%	-1.7%	16.5%	7.8%	--	--	--	50.8%
NCIES™	NCIES	Nasdaq Crypto Index Europe™	-0.8%	-1.1%	20.0%	11.2%	--	--	--	47.5%

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