

ISTOXX® FACTSET BREAKTHROUGH HEALTHCARE INDEX

Components¹

Company	Supersector	Country	Weight (%)
ARQULE	Health Care	US	2.53
RA PHARMACEUTICALS	Health Care	US	1.76
NEVRO	Health Care	US	1.42
ACADIA PHARMACEUTICALS	Health Care	US	1.39
EPIZYME	Health Care	US	1.36
SEATTLE GENETICS	Health Care	US	1.34
GALAPAGOS	Health Care	BE	1.33
TURNING POINT THERAPEUTICS	Health Care	US	1.27
MOMENTA PHARMACEUTICALS	Health Care	US	1.25
NOVOCURE	Health Care	US	1.20
IOVANCE BIOTHERAPEUTICS	Health Care	US	1.20
MEDPACE HOLDINGS	Health Care	US	1.18
NATERA	Health Care	US	1.16
DEXCOM	Health Care	US	1.15
IDORSIA LIMITED	Health Care	CH	1.13
UNITED LABS.INTL.HDG.	Health Care	HK	1.10
ZOGENIX	Health Care	US	1.03
QUIDEL	Health Care	US	1.03
SIEGFRIED 'R'	Health Care	CH	1.03
NEUROCRINE BIOSCIENCES	Health Care	US	1.03
BIOGEN INC.	Health Care	US	1.03
Edwards Lifesciences Corp.	Health Care	US	1.01
MIRATI THERAPEUTICS(NAS)	Health Care	US	1.01
SAMSUNG BIOLOGICS	Health Care	KR	1.01
BIO-RAD LABORATORIES 'A'	Health Care	US	0.98
SYNEOS HEALTH A	Health Care	US	0.98
XENCOR	Health Care	US	0.96
GENMAB	Health Care	DK	0.95
Intuitive Surgical Inc.	Health Care	US	0.92
PTC THERAPEUTICS	Health Care	US	0.92
EAGLE PHARMACEUTICALS	Health Care	US	0.92
FATE THERAPEUTICS	Health Care	US	0.91
ASAHI INTECC	Health Care	JP	0.91
Divis Lab	Health Care	IN	0.90
PRA HEALTH SCIENCES	Health Care	US	0.90
DIASORIN	Health Care	IT	0.89
ABBVIE	Health Care	US	0.89
EIKEN CHEMICAL	Health Care	JP	0.89
NEOGEN	Health Care	US	0.88
Boston Scientific Corp.	Health Care	US	0.88
VANDA PHARMACEUTICALS	Health Care	US	0.88
UDG HEALTHCARE PUBLIC	Health Care	GB	0.88
IQVIA HOLDINGS INC	Health Care	US	0.87
Biocon	Health Care	IN	0.87
TIVITY HEALTH	Health Care	US	0.87
NANOSTRING TECHNOLOGIES	Health Care	US	0.85
Varian Medical Systems Inc.	Health Care	US	0.85
LONZA	Health Care	CH	0.85
MYRIAD GENETICS	Health Care	US	0.83
NUANCE COMMS.	Technology	US	0.83
BIO TECHNE CORP	Health Care	US	0.83
R1 RCM	Health Care	US	0.83
TAKARA BIO	Health Care	JP	0.83
BIOMERIEUX	Health Care	FR	0.83
DENALI THERAPEUTICS	Health Care	US	0.82
QIAGEN	Health Care	DE	0.82
LUMINEX	Health Care	US	0.82
ATRICURE	Health Care	US	0.82
LIVANOVA	Health Care	US	0.82
SAREPTA THERAPEUTICS	Health Care	US	0.81
VERACYTE	Health Care	US	0.81
Seegene	Health Care	KR	0.80
CORVEL	Health Care	US	0.80
Cerner Corp.	Technology	US	0.80
SUMITOMO DAINIPPON PHARMA CO	Health Care	JP	0.80
UCB	Health Care	BE	0.80
Gilead Sciences Inc.	Health Care	US	0.79
ALLOGENE THERAPEUTICS	Health Care	US	0.78
MAXIMUS	Industrial Goods & Services	US	0.78
H. LUNDBECK	Health Care	DK	0.78
CATALYST PHARMACEUTICAL PRTNRS	Health Care	US	0.78
AGIOS PHARMACEUTICALS	Health Care	US	0.77

¹ Based on the last periodic review implementation

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Company	Supersector	Country	Weight (%)
EVOTEC	Health Care	DE	0.77
HMS HOLDINGS	Health Care	US	0.77
PENUMBRA	Health Care	US	0.77
UNIQUIRE	Health Care	US	0.77
Medipost	Health Care	KR	0.76
Illumina Inc.	Health Care	US	0.76
IONIS PHARMACEUTICALS	Health Care	US	0.76
ELEKTA B	Health Care	SE	0.76
Sysmex Corp.	Health Care	JP	0.75
GREEN CROSS CELL	Technology	KR	0.75
ZIOPHARM ONCOLOGY	Health Care	US	0.75
PEPTIDREAM	Health Care	JP	0.74
ALECTOR	Health Care	US	0.74
ALLSCRIPTS HEALTHCARE SLTN.	Technology	US	0.74
ALKERMES	Health Care	US	0.74
CELLTRION HEALTHCARE	Health Care	KR	0.73
EXELIXIS	Health Care	US	0.73
GUARDANT HEALTH	Health Care	US	0.73
COMPUGROUP MEDICAL	Technology	DE	0.71
Celltrion	Health Care	KR	0.71
BLUEPRINT MEDICINES	Health Care	US	0.69
EXACT SCIENCES CORP	Health Care	US	0.68
ACCELERATE DIAGNOSTICS	Health Care	US	0.68
AXOGEN	Health Care	US	0.67
BIOHAVEN PHARMACEUTICAL HDG	Health Care	US	0.67
INTRON BIOTECHNOLOGY	Health Care	KR	0.66
REGENXBIO	Health Care	US	0.66
CHINA RESOURCES MEDICAL HLDGS	Health Care	CN	0.65
NEXTGEN HEALTHCARE	Technology	US	0.65
CLOVIS ONCOLOGY	Health Care	US	0.65
NKMAX	Health Care	KR	0.64
PACIFIC BSCS.OF CAL.	Health Care	US	0.63
EPS HOLDINGS	Health Care	JP	0.63
STEMLINE THERAPEUTICS	Health Care	US	0.59
SUPERNUS PHARMACEUTICALS	Health Care	US	0.57
BLUEBIRD BIO	Health Care	US	0.57
MACROGENICS	Health Care	US	0.56
ATARA BIOTHERAPEUTICS	Health Care	US	0.54
IPSEN	Health Care	FR	0.54
ABIOMED	Health Care	US	0.50
CAREDX	Health Care	US	0.47
SAGE THERAPEUTICS	Health Care	US	0.34
HANSA BIOPHARMA	Health Care	SE	0.33
FLUIDIGM	Health Care	US	0.22
SILLAJEN	Health Care	KR	0.20
ANAPTYSBIO	Health Care	US	0.18

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