

STOXX® GLOBAL BREAKTHROUGH HEALTHCARE INDEX

Components¹

Company	Supersector	Country	Weight (%)
Eisai Co. Ltd.	Health Care	Japan	2.16
DEXCOM	Health Care	United States	1.91
ABIOMED	Health Care	United States	1.88
SAREPTA THERAPEUTICS	Health Care	United States	1.85
GENMAB	Health Care	Denmark	1.84
MODERNA	Health Care	United States	1.83
Gilead Sciences Inc.	Health Care	United States	1.80
BIOGEN INC.	Health Care	United States	1.79
BEIGENE	Health Care	Hong Kong	1.64
Intuitive Surgical Inc.	Health Care	United States	1.60
Merck & Co. Inc.	Health Care	United States	1.58
Boston Scientific Corp.	Health Care	United States	1.53
NEUROCRINE BIOSCIENCES	Health Care	United States	1.53
Agilent Technologies Inc.	Health Care	United States	1.53
ARGENX	Health Care	Belgium	1.49
EXACT SCIENCES CORP	Health Care	United States	1.48
PENUMBRA	Health Care	United States	1.44
ABBVIE	Health Care	United States	1.40
HALOZYME THERAPEUTICS	Health Care	United States	1.38
QIAGEN	Health Care	Germany	1.34
Celltrion	Health Care	South Korea	1.32
CSL Ltd.	Health Care	Australia	1.28
Waters Corp.	Industrial Goods & Services	United States	1.28
Hologic Inc.	Health Care	United States	1.27
Sysmex Corp.	Health Care	Japan	1.27
Thermo Fisher Scientific Inc.	Health Care	United States	1.26
Pfizer Inc.	Health Care	United States	1.26
SAMSUNG BIOLOGICS	Health Care	South Korea	1.26
SHOCKWAVE MEDICAL	Health Care	United States	1.24
NOVOOCURE	Health Care	United States	1.23
Bristol-Myers Squibb Co.	Health Care	United States	1.23
CHAS.RVR.LABS.INTL.	Health Care	United States	1.21
ROCHE HLDG P	Health Care	Switzerland	1.21
Abbott Laboratories	Health Care	United States	1.21
IQVIA HOLDINGS INC	Health Care	United States	1.20
BIO TECHNE CORP	Health Care	United States	1.18
SEAGEN	Health Care	United States	1.16
Illumina Inc.	Health Care	United States	1.13
UCB	Health Care	Belgium	1.11
LONZA	Health Care	Switzerland	1.08
MEDTRONIC PLC	Health Care	United States	1.05
MEDPACE HOLDINGS	Health Care	United States	1.05
BIO-RAD LABORATORIES 'A'	Health Care	United States	1.00
Edwards Lifesciences Corp.	Health Care	United States	0.99
IONIS PHARMACEUTICALS	Health Care	United States	0.94
EXELIXIS	Health Care	United States	0.87
BIOMERIEUX	Health Care	France	0.85
MAXIMUS	Industrial Goods & Services	United States	0.76
KARUNA THERAPEUTICS	Health Care	United States	0.73
ALKERMES	Health Care	United States	0.71
QUIDELORTHO	Health Care	United States	0.71
NATERA	Health Care	United States	0.71
INTRA CELLULAR THERAPIES	Health Care	United States	0.71
INTEGRA LFSC.HDG.	Health Care	United States	0.70
CELLTRION HEALTHCARE	Health Care	South Korea	0.69
IPSEN	Health Care	France	0.65
DIASORIN	Health Care	Italy	0.62
SYNEOS HEALTH A	Health Care	United States	0.62
10X GENOMICS A	Health Care	United States	0.56
BACHEM HOLDING	Health Care	Switzerland	0.55
GUARDANT HEALTH	Health Care	United States	0.53
CATALENT	Health Care	United States	0.51
SIEGFRIED 'R'	Health Care	Switzerland	0.51
LIVANOVA	Health Care	United States	0.49
DENALI THERAPEUTICS	Health Care	United States	0.48
PTC THERAPEUTICS	Health Care	United States	0.48
BLUEPRINT MEDICINES	Health Care	United States	0.46
PROTHENA	Health Care	United States	0.46
AXONICS	Health Care	United States	0.44
VIR BIOTECHNOLOGY	Health Care	United States	0.44
EVOTEC	Health Care	Germany	0.42
MicroPort Scien.	Health Care	Hong Kong	0.42

¹ Based on the last periodic review implementation

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Company	Supersector	Country	Weight (%)
EVOLVENT HEALTH CL.A	Health Care	United States	0.39
MIRATI THERAPEUTICS(NAS)	Health Care	United States	0.38
ALLSCRIPTS HEALTHCARE SLTN.	Technology	United States	0.38
BEAM THERAPEUTICS	Health Care	United States	0.37
ELEKTA B	Health Care	Sweden	0.37
SAGE THERAPEUTICS	Health Care	United States	0.36
PACIFIC BSCS.OF CAL.	Health Care	United States	0.36
BAVARIAN NORDIC	Health Care	Denmark	0.36
XENON PHARMACEUTICALS	Health Care	United States	0.35
SECTRA 'B'	Health Care	Sweden	0.34
BIOCRYST PHARMS.	Health Care	United States	0.34
SUPERNUS PHARMACEUTICALS	Health Care	United States	0.34
ATRICURE	Health Care	United States	0.33
PRO MEDICUS	Technology	Australia	0.33
VERACYTE	Health Care	United States	0.31
ACADIA PHARMACEUTICALS	Health Care	United States	0.31
OXFORD NANOPORE TECHNOLOGIES	Health Care	Great Britain	0.31
ABCELLERA BIOLOGICS	Health Care	United States	0.30
CERTARA	Health Care	United States	0.29
CHEMOMETEC	Health Care	Denmark	0.29
CATALYST PHARMACEUTICAL PRTNRS	Health Care	United States	0.28
GALAPAGOS	Health Care	Belgium	0.28
MARAVAI LIFESCIENCES HLDS A	Health Care	United States	0.28
AGIOS PHARMACEUTICALS	Health Care	United States	0.28
XENCOR	Health Care	United States	0.28
SK BIOPHARMACEUTICALS	Health Care	South Korea	0.27
SK BIOSCIENCE	Health Care	South Korea	0.27
IDORSIA LIMITED	Health Care	Switzerland	0.27
JEOL	Industrial Goods & Services	Japan	0.26
ARCUS BIOSCIENCES	Health Care	United States	0.25
REVOLUTION MEDICINES	Health Care	United States	0.25
MERIDIAN BIOSCIENCE	Health Care	United States	0.25
CORVEL	Health Care	United States	0.24
R1 RCM	Health Care	United States	0.24
APOLLO MEDICAL HOLDINGS	Health Care	United States	0.24
NEVRO	Health Care	United States	0.24
DYNAVAX TECHNOLOGIES	Health Care	United States	0.23
HARMONY BIOSCIENCES HLDG	Health Care	United States	0.23
MYRIAD GENETICS	Health Care	United States	0.23
SAWAI GRP. HLDGS.	Health Care	Japan	0.22
RELAY THERAPEUTICS	Health Care	United States	0.22
PEPTIDREAM	Health Care	Japan	0.22
FATE THERAPEUTICS	Health Care	United States	0.22
CYTEK BIOSCIENCES	Health Care	United States	0.21
HANGZHOU TIGERMED CONSULT 'H'	Health Care	China	0.21
TWIST BIOSCIENCE	Health Care	United States	0.20
SCHRODINGER	Technology	United States	0.20
SD BIOSENSOR	Health Care	South Korea	0.20
DICE THERAPEUTICS	Health Care	United States	0.20
IMMUNOGEN	Health Care	United States	0.18
LIGAND PHARMS.'B'	Health Care	United States	0.18
COMPUGROUP MEDICAL	Health Care	Germany	0.18
PHARMA MAR	Health Care	Spain	0.17
DOTTIKON ES HOLDING	Chemicals	Switzerland	0.17
BRIDGEBIO PHARMA	Health Care	United States	0.17
NEXTGEN HEALTHCARE	Health Care	United States	0.16
Seegene	Health Care	South Korea	0.16
CANSINO BIOLOGICS 'H'	Health Care	China	0.15
AVID BIOSERVICES	Health Care	United States	0.15
ACLARIS THERAPEUTICS	Health Care	United States	0.14
NOVAVAX	Health Care	United States	0.14
SIGNIFY HEALTH A	Health Care	United States	0.14
SH JUNSHI BIOSCIENCES 'H'	Health Care	China	0.14
ITEOS THERAPEUTICS	Health Care	United States	0.13
BIOLIFE SOLUTIONS	Health Care	United States	0.13
RECURSION PHARMACEUTICALS A	Health Care	United States	0.12
EDITAS MEDICINE	Health Care	United States	0.12
ST PHARM	Health Care	South Korea	0.12
MORPHIC HOLDING	Health Care	United States	0.11
SHIN POONG PHARM.	Health Care	South Korea	0.11
LYELL IMMUNOPHARMA	Health Care	United States	0.11

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DECIPHERA PHARMS.	Health Care	United States	0.11
CASTLE BIOSCIENCES	Health Care	United States	0.10
TAKARA BIO	Health Care	Japan	0.10
ABL BIO	Health Care	South Korea	0.10
CAREDX	Health Care	United States	0.10
BIONEER	Health Care	South Korea	0.10
ALLOGENE THERAPEUTICS	Health Care	United States	0.10
SIMULATIONS PLUS	Technology	United States	0.10
AGENUS	Health Care	United States	0.10
AURINIA PHARMS. (NAS)	Health Care	United States	0.10
PROVENTION BIO	Health Care	United States	0.09
CUREVAC	Health Care	United States	0.09
BICO	Health Care	Sweden	0.09
REPARE THERAPEUTICS	Health Care	United States	0.09
BIONANO GENOMICS	Health Care	United States	0.09
MERUS NV	Health Care	United States	0.09
NURIX THERAPEUTICS	Health Care	United States	0.09
GENE ONE LIFE SCIENCE	Basic Resources	South Korea	0.09
ARTIVION	Health Care	United States	0.09
PHARMICELL	Health Care	South Korea	0.09
ALECTOR	Health Care	United States	0.09
ANAPTYSBIO	Health Care	United States	0.08
VENUS MEDTECH HANGZHOU 'H'	Health Care	China	0.08
MORPHOSYS	Health Care	Germany	0.08
MERSANA THERAPEUTICS	Health Care	United States	0.08
IMMUNITYBIO	Health Care	United States	0.08
QUANTERIX	Health Care	United States	0.08
HUMASIS	Health Care	South Korea	0.08
EIKEN CHEMICAL	Health Care	Japan	0.08
CARIBOU BIOSCIENCES	Health Care	United States	0.08
JAPAN LIFELINE	Health Care	Japan	0.07
JOINN LAB. 'H'	Health Care	China	0.07
AXOGEN	Health Care	United States	0.07
ADIMMUNE	Health Care	Taiwan	0.07
SANGAMO THERAPEUTICS	Health Care	United States	0.07
VANDA PHARMACEUTICALS	Health Care	United States	0.07
POLYPEPTIDE N	Health Care	Switzerland	0.07
NANOSTRING TECHNOLOGIES	Health Care	United States	0.06
ORASURE TECHS.	Health Care	United States	0.06
CULLINAN ONCOLOGY	Health Care	United States	0.06
NKMAX	Health Care	South Korea	0.06
CUE HEALTH	Health Care	United States	0.06
ZYMEWORKS	Health Care	United States	0.06
PHC HOLDINGS	Health Care	Japan	0.06
C4 THERAPEUTICS	Health Care	United States	0.06
ROCHE HLDG BEARER	Health Care	Switzerland	0.06
CALLIDITAS THERAPEUTICS	Health Care	Sweden	0.06
GENEXINE	Health Care	South Korea	0.05
SEER A	Health Care	United States	0.05
EAGLE PHARMACEUTICALS	Health Care	United States	0.05
ATARA BIOTHERAPEUTICS	Health Care	United States	0.05
SOLASTO	Health Care	Japan	0.05
ATEA PHARMACEUTICALS	Health Care	United States	0.05
CELLIVERY THERAPEUTICS	Health Care	South Korea	0.05
H. LUNDBECK B	Health Care	Denmark	0.04
VIVA BIOTECH HOLDINGS	Health Care	Hong Kong	0.04
KARYOPHARM THERAPEUTICS	Health Care	United States	0.04
INTRON BIOTECHNOLOGY	Health Care	South Korea	0.04
HANSA BIOPHARMA	Health Care	Sweden	0.04
ABSCI	Health Care	United States	0.03
Y MABS THERAPEUTICS	Health Care	United States	0.03
APTABIO THERAPEUTICS	Health Care	South Korea	0.03
ADC THERAPEUTICS	Health Care	United States	0.02
VAXART	Health Care	United States	0.02
BERKELEY LIGHTS	Health Care	United States	0.02

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