Zug, March 27th, 2023

Changes to the DAX Equity Index calculation framework

Dear Customer,

STOXX Ltd., the operator of Qontigo's index business and a global provider of innovative and tradable index concepts, today announces a detailed implementation timeline for the planned changes to the methodology of DAX Equity Indices that have been agreed on and announced on June 07, 2022 (Results of DAX Market Consultation).

The migration to the New Index Data Distribution System requires DAX clients to follow upcoming Methodology Announcements displayed in the web section Index Data & Resources / Index Data / Announcements / Index Methodology Alerts and automatic e-mail of new communication related to this section can be already subscribed to by DAX users as announced on March 20th, 2023.

Key milestones of the Changes: Corporate Actions Adjustment & Index Formula

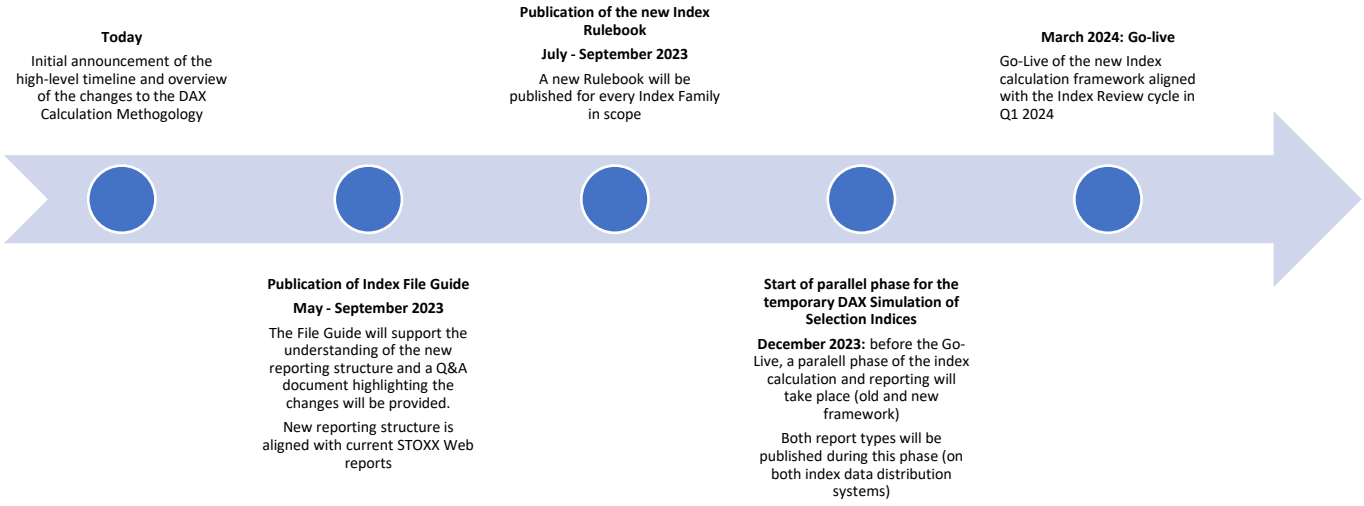
- **Extraordinary adjustment of number of shares:**
  - Going forward, the number of shares currently referred to as qit, will be subject to extraordinary adjustment when in relation to a Corporate Action, e.g., stock dividends, splits, rights issues, M&A (current rule in DAX Equity Index Guide: section 5.1.4)
- **Dividend Reinvestment scheme:**
  - Adjust the methodology behind distribution reinvestment to have distributions reinvested into the entire index instead of the distributing security (current rule in DAX Equity Index Guide: section 8)
- **Spin-Off Rule:**
  - In alignment to the STOXX methodology spin-off will be added with an estimated price on their first trading day. Adjustment of Spin-Off rule with respect to the eligibility of the spun-off for immediate addition (current rule in DAX Equity Index Guide: section 8.4)
- **Index Calculation Formula:**
  - Change of Index Calculation Formula from a Correction Factor based calculation to a divisor-based calculation scheme (Current rule in DAX Equity Index Guide: section 6)

STOXX Ltd currently maintains its DAX and STOXX Equity Indices under separate Calculation Methodologies. Going forward STOXX will calculate DAX Equity Indices under the STOXX Equity Index Calculation Framework. The change in the DAX index calculation is triggered by the above-mentioned intended changes in the DAX methodology. With this change, STOXX intends to modernize the calculation methodology of the DAX-Indices. For information purposes, **a detailed description of the changes to the DAX Calculation Methodology can be found in the appendix.** Please note, the rulebook remains to be the binding methodology document. A new Rulebook is scheduled to be published in Q2 2023. Please refer to the high level timeline below. A list of Indices in scope is listed further down.

DAX Index Data

Related to this Announcement any changes related to DAX Index Data are announced as Technical Announcements , and available displayed in the web section Index Data & Resources / Index Data / Announcements / Systems & IT. Please refer to the **Technical Migration – New Index Data Distribution System and New Files format for DAX Indices** published on March 27th, 2023 for further information.

Preliminary project timeline



Further Announcements and timeline updates will be published regularly in the coming month to ensure clients are onboarded with the pursuit changes.

For more information on the STOXX indices, please visit www.qontigo.com

Overview of Index Guides to be updated

The following Guides will be updated according to the timeline above

- Guide to the DAX Equity Indices
- Guide to the DAX Strategy Indices
- Guide to the DAXglobal Indices
- Guide to the GEX Equity Indices
- Guide to the RX Real Estate Equity Indices
- Guide to the World Luxury Index

Overview of affected Indices

Full Name	Curr	Type	ISIN	Symbol	Bloomberg ID	Reuters
CDAX	EUR	Total Return	DE0008469602	CDAX	BBG000KBRJ47	.CDAX
CDAX	EUR	Net Return	DE000A3CK6C9	CDAXNR		.CDAXNR
CDAX	EUR	Price	DE0008469800	CXKX	BBG000Q2M314	.CXKX
Classic All Share	EUR	Price	DE0007203358	CLXK	BBG000TB1QP7	.CLALLP
Classic All Share	EUR	Total Return	DE0007203341	CLXP	BBG000TB1Q04	.CLALL
DAX	EUR	Total Return	DE0008469008	DAX	BBG000HY4HW9	.GDAXI
DAX	AUD	Total Return	DE000A161DR8	DAXAUD		.DAXAUD
DAX	AUD	Price	DE000A161DQ0	DAXAUDP		.DAXKAUD
DAX	CHF	Total Return	DE000A161DY4	DAXCHF		.DAXCHF
DAX	CHF	Price	DE000A161DX6	DAXCHFP		.DAXKCHF
DAX	CZK	Gross Return	DE000A3CK363	DAXGRCZK		.DAXTCZ
DAX	JPY	Total Return	DE000A161DT4	DAXJPY		.DAXJPY
DAX	JPY	Price	DE000A161DS6	DAXJPYPR		.DAXKJPY
DAX	EUR	Price	DE0008467440	DAXK	BBG000MVBJ84	.GDAXIP
DAX	USD	Price	DE000A1EXL07	DAXKUSD	BBG0070MQ3P3	.GDAXIPUSD
DAX	EUR	Net Return	DE000A1A4D00	DAXNR	BBG00G6QL480	.GDAXIN
DAX	CHF	Net Return	DE000A2L0NR6	DAXNRCHF	BBG00KZYS3X9	.DAXNCHF
DAX	CZK	Net Return	DE000A3CK355	DAXNRCZK		.DAXNCZ
DAX	GBP	Net Return	DE000A2GYHQ2	DAXNRGB		.DAXNGB
DAX	USD	Net Return	DE000A1A4D18	DAXNRUS	BBG00GLM8PG1	.GDAXINUSD
DAX	CZK	Price	DE000A3CK348	DAXPRCZK		.DAXPCZ
DAX	GBP	Price	DE000A2GYHP4	DAXPRGB		.DAXPGB
DAX	GBP	Total Return	DE000A2GYHN9	DAXTRGB		.DAXTGB
DAX	USD	Gross Return	DE000A1EXLZ4	DAXUSD	BBG0070MQ3N5	.GDAXIUSD
DAX 50 ESG	EUR	Total Return	DE000A0Z3NB0	DAXESG	BBG00RJT66Y9	.DAXESG
DAX 50 ESG	EUR	Price	DE000A0S3E04	DAXESGK	BBG00RJT66Z8	.DAXESGK
DAX 50 ESG	EUR	Net Return	DE000A0S3E20	DAXESGN	BBG00RJT6704	.DAXESGN
DAX 50 ESG	USD	Total Return	DE000A0S3E46	DAXESGUS		.DAXESGU
DAX 50 ESG	USD	Net Return	DE000A0S3E87	DXESGNUS		.DAXESGNU
DAX 50 ESG	USD	Price	DE000A0S3E61	DXESGPUS		.DAXESGKU
DAX 50 ESG+	EUR	Total Return	DE000A3DSHV9	DAXESGP	BBG0195LMY99	.DAXESGP
DAX 50 ESG+	EUR	Price	DE000A3DSHT3	DAXESGPK	BBG0195LMY80	.DAXESGPK
DAX 50 ESG+	EUR	Net Return	DE000A3DSHU1	DAXESGPN	BBG0195LMY71	.DAXESGPN
DAX Equal Weight	EUR	Gross Return	DE000A2L0MX6	DAXEWGEU		.DAXEW
DAX Equal Weight	USD	Gross Return	DE000A2L0M08	DAXEWGUS		.DAXEWU
DAX Equal Weight	EUR	Net Return	DE000A2L0MW8	DAXEWNEU		.DAXEWNR

DAX Equal Weight	USD	Net Return	DE000A2L0MZ1	DAXEWNUS		.DAXEWNRU
DAX Equal Weight	EUR	Price	DE000A2L0MV0	DAXEWPEU		.DAXEWK
DAX Equal Weight	USD	Price	DE000A2L0MY4	DAXEWPUS		.DAXEWKU
DAX ESG Screened	EUR	Total Return	DE000A3DDX22	DAXESGS	BBG015HK5DW5	.DAXESGS
DAX ESG Screened	EUR	Price	DE000A3DDX06	DAXESGSK	BBG015HK5DY3	.DAXESGSK
DAX ESG Screened	EUR	Net Return	DE000A3DDX14	DAXESGSN	BBG015HK5DT9	.DAXESGSN
DAX ESG Target	EUR	Total Return	DE000A3CLUH8	DAXESGT	BBG00ZMXL4Q5	.DAXESGT
DAX ESG Target	EUR	Price	DE000A3CLUK2	DAXESGTK	BBG00ZMXL4R4	.DAXESGTK
DAX ESG Target	EUR	Net Return	DE000A3CLUJ4	DAXESGTN	BBG00ZMXL4S3	.DAXESGTN
DAX ESG Target	USD	Net Return	DE000A3CLUM8	DXESGTNU		.DAXESGTV
DAX ESG Target	USD	Price	DE000A3CLUN6	DXESGTPU		.DAXESGTL
DAX ESG Target	USD	Total Return	DE000A3CLUL0	DXESGTU		.DAXESGTU
DAX ex Financials	EUR	Total Return	DE000A0Z3ME6	DAXEF	BBG002RRPDJ0	.GDAXEFI
DAX ex Financials	EUR	Price	DE000A0Z3MD8	DAXEFK	BBG002RRPDK8	.GDAXEFIP
DAX ex Financials 30	EUR	Total Return	DE000A0Z3K84	DAXEF30	BBG004D9F6S7	.GDAXEFI30
DAX ex Financials 30	EUR	Price	DE000A0Z3K76	DAXEF30K	BBG004D9F6R8	.GDAXEFI30P
DAX ex Financials 30	EUR	Net Return	DE000A2L0407	DAXEFI3	BBG00WS3HTC7	.GDAXEFI30N
DAX International 100	EUR	Price	DE000A0S3CA4	3BTB		.3BTB
DAX International 100	EUR	Total Return	DE000A0S3CB2	3BTC		.3BTC
DAX International Mid 100	EUR	Price	DE000A0S3CG1	3BTH		.3BTH
DAX International Mid 100	EUR	Total Return	DE000A0S3CH9	3BTI		.3BTI
DAXglobal Agribusiness	USD	Total Return	DE000A0QY1V1	DXAG	BBG000WFM586	.DXAG
DAXglobal Agribusiness	CHF	Gross Return	DE000A0Z3L42	DXAGCH	BBG0024N3XX8	.DXAGCH
DAXglobal Agribusiness	CHF	Net Return	DE000A0Z3L67	DXAGCHN	BBG0024N3XW9	.DXAGCHN
DAXglobal Agribusiness	CHF	Price	DE000A0Z3L34	DXAGCHP	BBG0024N3XV0	.DXAGCHP
DAXglobal Agribusiness	EUR	Total Return	DE000A0ME7A0	DXAGEU	BBG000WFM372	.DXAGEU
DAXglobal Agribusiness	EUR	Net Return	DE000A1A4PA3	DXAGEUN	BBG0014GJ1Y7	.DXAGEUN
DAXglobal Agribusiness	EUR	Price	DE000A0ME7B8	DXAGEUP	BBG000WFM2Z3	.DXAGEUP
DAXglobal Agribusiness	GBP	Total Return	DE000A0QY1X7	DXAGGB	BBG000WFM425	.DXAGGB
DAXglobal Agribusiness	GBP	Net Return	DE000A1A4PB1	DXAGGBN	BBG0014GJ202	.DXAGGBN
DAXglobal Agribusiness	GBP	Price	DE000A0QY1W9	DXAGGBP	BBG000WFM3X3	.DXAGGBP
DAXglobal Agribusiness	USD	Net Return	DE000A1A4PC9	DXAGN	BBG0014GJ211	.DXAGN
DAXglobal Agribusiness	USD	Price	DE000A0QY1U3	DXAGP	BBG000WFM531	.DXAGP
DAXglobal Asia	EUR	Price	DE000A0LLPW4	DXAS	BBG000W58GF2	.DAXASIA
DAXglobal Asia	GBP	Price	DE000A0LLPY0	DXASGB	BBG000W58LB5	.DAXASIAGB
DAXglobal Asia	GBP	Net Return	DE000A0LLPX2	DXASGBP	BBG000W58L34	.DAXASIAGBP
DAXglobal Asia	EUR	Net Return	DE000A0LLPV6	DXASP	BBG000W58FQ2	.DAXASIAP
DAXglobal Asia	USD	Price	DE000A0LLP09	DXASUS	BBG000W58GQ0	.DAXASIAUS
DAXglobal Asia	USD	Net Return	DE000A0LLPZ7	DXASUSP	BBG000W58GL5	.DAXASIAUSP
DAXglobal Asia Basic Resources	EUR	Price	DE000A0LLP82	DAXGBPPE	BBG000W65WN9	.N8BA
DAXglobal Asia Basic Resources	USD	Price	DE000A0MEM75	DAXGBPPU	BBG000W66325	.LZM8

DAXglobal Asia Basic Resources	EUR	Total Return	DE000A0LLP74	DAXGBPRE	BBG000W65W86	.N8BB
DAXglobal Asia Basic Resources	USD	Total Return	DE000A0MEM67	DAXGBPRU	BBG000W66290	.LZM7
DAXglobal Asia Food & Beverages	EUR	Price	DE000A0LLQC4	DAXGFBPE	BBG000W65YP3	.N8BE
DAXglobal Asia Food & Beverages	USD	Price	DE000A0MENB6	DAXGFBPU	BBG000W66478	.LZMC
DAXglobal Asia Food & Beverages	EUR	Total Return	DE000A0LLQB6	DAXGFBRE	BBG000W65YJ0	.N8BF
DAXglobal Asia Food & Beverages	USD	Total Return	DE000A0MENA8	DAXGFBRU	BBG000W66432	.LZMB
DAXglobal Asia Infrastructure/Transportation	EUR	Price	DE000A0LLQG5	DAXGITPE	BBG000W66012	.N8BI
DAXglobal Asia Infrastructure/Transportation	USD	Price	DE000A0MENF7	DAXGITPU	BBG000W665S2	.LZMG
DAXglobal Asia Infrastructure/Transportation	EUR	Total Return	DE000A0LLQF7	DAXGITRE	BBG000W65ZJ7	.N8BJ
DAXglobal Asia Infrastructure/Transportation	USD	Total Return	DE000A0MENE0	DAXGITRU	BBG000W665N7	.LZMF
DAXglobal Asia Technology & Telecommunication	EUR	Price	DE000A0MEM34	DAXGTTPE	BBG000W661H3	.LZM4
DAXglobal Asia Technology & Telecommunication	USD	Price	DE000A0MENP6	DAXGTTPU	BBG000W666S0	.LZMQ
DAXglobal Asia Technology & Telecommunication	EUR	Total Return	DE000A0MEM26	DAXGTTRE	BBG000W660Q5	.LZM3
DAXglobal Asia Technology & Telecommunication	USD	Total Return	DE000A0MENN1	DAXGTTRU	BBG000W666H2	.LZMP
DAXglobal BRIC	EUR	Price	DE000A0C4CK9	D1A1	BBG000S4S544	.DAXBRICP
DAXglobal BRIC	USD	Total Return	DE000A0C4CN3	D1A4	BBG000S4T0K6	.DAXBRICUS
DAXglobal BRIC	USD	Net Return	DE000A1A4M33	D1A4N	BBG0011Y08Z5	.DAXBRICUSN
DAXglobal BRIC	USD	Price	DE000A0C4CP8	D1A5	BBG000S4SD83	.DAXBRICUSP
DAXglobal BRIC	GBP	Total Return	DE000A0C4CQ6	D1A6	BBG000S4T2T3	.DAXBRICGB
DAXglobal BRIC	GBP	Net Return	DE000A1A4M25	D1A6N	BBG0011Y08R4	.DAXBRICGBN
DAXglobal BRIC	GBP	Price	DE000A0C4CR4	D1A7	BBG000S4T357	.DAXBRICGBP
DAXglobal BRIC	EUR	Total Return	DE000A0C4CJ1	D1AZ	BBG000S4S438	.DAXBRIC
DAXglobal BRIC	EUR	Net Return	DE000A1A4M17	D1AZN	BBG0011Y08F7	.DAXBRICN
DAXglobal China	EUR	Price	DE000A0S2903	DXCP	BBG000SCF737	.DXCP
DAXglobal China	GBP	Price	DE000A0S3AS0	DXCPGB	BBG000SDQ4Q5	.DXCPGB
DAXglobal China	USD	Price	DE000A0S3AQ4	DXCPUS	BBG000SCFTL9	.DXCPUS
DAXglobal China	EUR	Total Return	DE000A0S2911	DXCTR	BBG000SCFQ80	.DXCTR
DAXglobal China	GBP	Total Return	DE000A0S3AT8	DXCTRGB	BBG000SDQ4X7	.DXCTRGB
DAXglobal China	USD	Total Return	DE000A0S3AR2	DXCTRUS	BBG000SDHGN1	.DXCTRUS
DAXglobal Gold Miners	EUR	Price	DE000A0X7NT5	DXGOLDEP	BBG000Y7J3J9	.DXGOLDEP
DAXglobal Gold Miners	EUR	Total Return	DE000A0X7KV7	DXGOLDET	BBG000Y7J3D5	.DXGOLDET
DAXglobal Gold Miners	USD	Price	DE000A0X7NZ2	DXGOLDUP	BBG000Y7J7F4	.DXGOLDUP
DAXglobal Gold Miners	USD	Total Return	DE000A0X7K10	DXGOLDUT	BBG000Y7J737	.DXGOLDUT
DAXglobal Water	EUR	Total Return	DE000A0QY592	DXWT	BBG000X0K6S6	.DXWT
DAXglobal Water	GBP	Total Return	DE000A0S29V7	DXWTGB	BBG000X0K8S2	.DXWTGB
DAXglobal Water	GBP	Net Return	DE000A1EXN47	DXWTGBN	BBG001QZ8X64	.DXWTGBN
DAXglobal Water	GBP	Price	DE000A0S29W5	DXWTGBP	BBG000X0K9K8	.DXWTGBP
DAXglobal Water	EUR	Net Return	DE000A1EXN21	DXWTN	BBG001QZ8X46	.DXWTN
DAXglobal Water	EUR	Price	DE000A0QY6A4	DXWTP	BBG000X0K722	.DXWTP

DAXglobal Water	USD	Total Return	DE000A0S29T1	DXWTUS	BBG000X0K7T3	.DXWTUS
DAXglobal Water	USD	Net Return	DE000A1EXN39	DXWTUSN	BBG001QZ8X55	.DXWTUSN
DAXglobal Water	USD	Price	DE000A0S29U9	DXWTUSP	BBG000X0K7Y7	.DXWTUSP
DAXplus Export Strategy	EUR	Price	DE000A0C4BW6	DXEP	BBG000VHT5V0	.DAXEP
DAXplus Export Strategy	EUR	Total Return	DE000A0C4BX4	DXETR	BBG000VHT6L9	.DAXE
DAXplus Family 30 Index	EUR	Price	DE000A0YKTP5	DXFAM30P	BBG000Z23QB3	.DXFAM30P
DAXplus Family 30 Index	EUR	Total Return	DE000A0YKTN0	DXFAM30T	BBG000Z23QL2	.DXFAM30T
DAXplus Family Index	EUR	Price	DE000A0YKTM2	DXFAMP	BBG000Z23PV3	.DXFAMP
DAXplus Family Index	EUR	Total Return	DE000A0YKTL4	DXFAMT	BBG000Z23Q23	.DXFAMT
DAXplus Maximum Dividend	EUR	Net Return	DE000A2L0415	DXMDIVNR	BBG00WS5PZV8	.DAXMDIVNR
DAXplus Maximum Dividend	EUR	Price	DE000A0XXEA4	DXMDIVPR	BBG000RRHSB8	.DAXMDIVPR
DAXplus Maximum Dividend	EUR	Total Return	DE000A0XXDZ3	DXMDIVTR	BBG000RRHVV9	.DAXMDIVTR
DAXplus Maximum Sharpe Ratio Germany	EUR	Total Return	DE000A0METL2	DXMSG	BBG000WCDLT5	.DAXMSG
DAXplus Maximum Sharpe Ratio Germany	GBP	Total Return	DE000A0ME7U8	DXMSGGB	BBG000WCDLN1	.DAXMSGGB
DAXplus Maximum Sharpe Ratio Germany	GBP	Net Return	DE000A1EXPM3	DXMSGGBN	BBG001QZ8XR1	.DXMSGGBN
DAXplus Maximum Sharpe Ratio Germany	GBP	Price	DE000A0ME7T0	DXMSGGBP	BBG000WCDKW3	.DAXMSGGBP
DAXplus Maximum Sharpe Ratio Germany	EUR	Net Return	DE000A1EXPL5	DXMSGN	BBG001QZ8XQ2	.DXMSGN
DAXplus Maximum Sharpe Ratio Germany	EUR	Price	DE000A0METK4	DXMSGP	BBG000WCDM68	.DAXMSGP
DAXplus Maximum Sharpe Ratio Germany	USD	Total Return	DE000A0ME7G7	DXMSGUS	BBG000WCDKQ0	.DAXMSGUS
DAXplus Maximum Sharpe Ratio Germany	USD	Net Return	DE000A1EXPN1	DXMSGUSN	BBG001QZ8XS0	.DXMSGUSN
DAXplus Maximum Sharpe Ratio Germany	USD	Price	DE000A0ME7F9	DXMSGUSP	BBG000WCDK80	.DAXMSGUSP
DAXplus Minimum Variance Germany	EUR	Total Return	DE000A0METN8	DXMVG	BBG000WBP528	.DAXMVG
DAXplus Minimum Variance Germany	GBP	Total Return	DE000A0MEUC9	DXMVGGB	BBG000WBP6J8	.DAXMVGGB
DAXplus Minimum Variance Germany	GBP	Net Return	DE000A1EXPJ9	DXMVGGBN	BBG001QZ8XN5	.DXMVGGBN
DAXplus Minimum Variance Germany	GBP	Price	DE000A0MEUB1	DXMVGGBP	BBG000WBP6Q0	.DAXMVGGBP
DAXplus Minimum Variance Germany	EUR	Net Return	DE000A1EXPH3	DXMVGN	BBG001QZ8XM6	.DXMVGN
DAXplus Minimum Variance Germany	EUR	Price	DE000A0METM0	DXMVGP	BBG000WBP573	.DAXMVGP
DAXplus Minimum Variance Germany	USD	Total Return	DE000A0MET03	DXMVGUS	BBG000WBP5G3	.DAXMVGUS
DAXplus Minimum Variance Germany	USD	Net Return	DE000A1EXPK7	DXMVGUSN	BBG001QZ8XP3	.DXMVGUSN
DAXplus Minimum Variance Germany	USD	Price	DE000A0METZ2	DXMVGUSP	BBG000WBP5Y3	.DAXMVGUSP
DAXplus Seasonal Strategy	EUR	Price	DE000A0C4BU0	D1AA	BBG000XB99X3	.DAXSSP
DAXplus Seasonal Strategy	EUR	Total Return	DE000A0C4BV8	DXSS	BBG000TCY4F9	.DAXSS
DAXsector All Automobile	EUR	Total Return	DE000A0S3FB5	3BV6X	BBG000WRXWF1	.3BV6
DAXsector All Automobile	EUR	Price	DE000A0S3FC3	3BV7X	BBG000WRXWM3	.3BV7
DAXsector All Banks	EUR	Total Return	DE000A0S3FD1	3BV8X	BBG000WRXWY0	.3BV8
DAXsector All Banks	EUR	Price	DE000A0S3FE9	3BV9X	BBG000WRXW25	.3BV9
DAXsector All Basic Resources	EUR	Total Return	DE000A0S3FF6	3BWA	BBG000VJB992	.3BWA
DAXsector All Basic Resources	EUR	Price	DE000A0S3FG4	3BWB	BBG000VJB9X5	.3BWB
DAXsector All Chemicals	EUR	Total Return	DE000A0S3FH2	3BWC	BBG000VJBC59	.3BWC
DAXsector All Chemicals	EUR	Price	DE000A0S3FJ8	3BWD	BBG000VJBCV0	.3BWD

DAXsector All Construction	EUR	Total Return	DE000A0SM7M9	4N7V	BBG000VJBCN9	.4N7V
DAXsector All Construction	EUR	Price	DE000A0SM403	4NF0	BBG00HMS7J98	.4N50
DAXsector All Consumer	EUR	Price	DE000A0SM411	4N51	BBG000VJBQJ3	.4N51
DAXsector All Consumer	EUR	Total Return	DE000A0SM7N7	4N7W	BBG000VJBKR7	.4N7W
DAXsector All Financial Services	EUR	Price	DE000A0SM429	4N52	BBG000VJBY88	.4N52
DAXsector All Financial Services	EUR	Total Return	DE000A0SM7P2	4N7X	BBG000VJBQT2	.4N7X
DAXsector All Food & Beverages	EUR	Price	DE000A0SM437	4N53	BBG000VJC5X2	.4N53
DAXsector All Food & Beverages	EUR	Total Return	DE000A0SM7Q0	4N7Y	BBG000VJC0M5	.4N7Y
DAXsector All Industrial	EUR	Price	DE000A0SM445	4N54	BBG000VJCLH5	.4N54
DAXsector All Industrial	EUR	Total Return	DE000A0SM7R8	4N7Z	BBG000VJC8V8	.4N7Z
DAXsector All Insurance	EUR	Price	DE000A0SM452	4N55	BBG000VJDFZ7	.4N55
DAXsector All Insurance	EUR	Total Return	DE000A0SM7S6	4N80	BBG000VJDF69	.4N80
DAXsector All Media	EUR	Price	DE000A0SM460	4N56	BBG000VJDGS3	.4N56
DAXsector All Media	EUR	Total Return	DE000A0SM7T4	4N81	BBG000VJDHR2	.4N81
DAXsector All Pharma & Healthcare	EUR	Price	DE000A0SM478	4N57	BBG000VJDJB5	.4N57
DAXsector All Pharma & Healthcare	EUR	Total Return	DE000A0SM7U2	4N82	BBG000VJDHX5	.4N82
DAXsector All Retail	EUR	Price	DE000A0SM486	4N58	BBG000VJDKP7	.4N58
DAXsector All Retail	EUR	Total Return	DE000A0SM7V0	4N83	BBG000VJDK04	.4N83
DAXsector All Software	EUR	Price	DE000A0SM494	4N59	BBG000VJDLJ2	.4N59
DAXsector All Software	EUR	Total Return	DE000A0SM7W8	4N84	BBG000VJDKX8	.4N84
DAXsector All Technology	EUR	Price	DE000A0SM4Z8	4N5A	BBG000VJDLV8	.4N5A
DAXsector All Technology	EUR	Total Return	DE000A0SM7X6	4N85	BBG000VJDM64	.4N85
DAXsector All Telecommunication	EUR	Price	DE000A0SM502	4N5B	BBG000VJDMK8	.4N5B
DAXsector All Telecommunication	EUR	Total Return	DE000A0SM7Y4	4N86	BBG000VJDMW5	.4N86
DAXsector All Transportation & Logistics	EUR	Price	DE000A0SM510	4N5C	BBG000VJDN44	.4N5C
DAXsector All Transportation & Logistics	EUR	Total Return	DE000A0SM7Z1	4N87	BBG000VJDNN3	.4N87
DAXsector All Utilities	EUR	Price	DE000A0SM528	4N5D	BBG000WWC4N6	.4N5D
DAXsector All Utilities	EUR	Total Return	DE000A0SM809	4N88	BBG000KKRGM3	.4N88
DAXsector Automobile	EUR	Price	DE0009660092	CXKA	BBG000Q2M350	.CXKAX
DAXsector Automobile	EUR	Total Return	DE0009660084	CXPA	BBG000Q2L4G7	.CXPAX
DAXsector Banks	EUR	Price	DE0009660118	CXKB	BBG000Q2M3Z7	.CXKBX
DAXsector Banks	EUR	Total Return	DE0009660100	CXPB	BBG000Q2L4V0	.CXPBX
DAXsector Chemicals	EUR	Price	DE0009660134	CXKC	BBG000Q2M4H5	.CXKCX
DAXsector Chemicals	EUR	Total Return	DE0009660126	CXPC	BBG000Q2L5P4	.CXPCX
DAXsector Consumer	EUR	Price	DE0009660456	CXKY	BBG000Q2MHL1	.CXKYX
DAXsector Consumer	EUR	Total Return	DE0009660449	CXPY	BBG000JBN6R6	.CXPYX
DAXsector Financial Services	EUR	Price	DE0009660431	CXKV	BBG000Q2MHB2	.CXKVX
DAXsector Financial Services	EUR	Total Return	DE0009660423	CXPV	BBG000Q1YLK2	.CXPVX
DAXsector Industrial	EUR	Price	DE0009660290	CXKN	BBG000Q2M7R7	.CXKNX

DAXsector Industrial	EUR	Total Return	DE0009660282	CXPN	BBG000Q1YMD8	.CXPNX
DAXsector Insurance	EUR	Price	DE0009660233	CXKI	BBG000Q2M6N3	.CXKIX
DAXsector Insurance	EUR	Total Return	DE0009660225	CXPI	BBG000Q1YNT9	.CXPIX
DAXsector Media	EUR	Price	DE0009660159	CXKD	BBG000Q2M4W8	.CXKDX
DAXsector Media	EUR	Total Return	DE0009660142	CXPD	BBG000Q2LJC8	.CXPDX
DAXsector Pharma & Healthcare	EUR	Price	DE0009660332	CXKP	BBG000Q2MCG8	.CXKPX
DAXsector Pharma & Healthcare	EUR	Total Return	DE0009660324	CXPP	BBG000Q2LLB4	.CXPPX
DAXsector Retail	EUR	Price	DE0009660357	CXKR	BBG000Q2MD49	.CXKRX
DAXsector Retail	EUR	Total Return	DE0009660340	CXPR	BBG000Q2LMJ4	.CXPRX
DAXsector Software	EUR	Price	DE0009660373	CXKS	BBG000Q2MDF7	.CXKSX
DAXsector Software	EUR	Total Return	DE0009660365	CXPS	BBG000Q2M056	.CXPSX
DAXsector Technology	EUR	Price	DE0009660217	CXKH	BBG000Q2M671	.CXKHX
DAXsector Technology	EUR	Total Return	DE0009660209	CXPH	BBG000Q2M0G4	.CXPHX
DAXsector Telecommunication	EUR	Price	DE0009660399	CXKT	BBG000Q2MFV4	.CXKTX
DAXsector Telecommunication	EUR	Total Return	DE0009660381	CXPT	BBG000PGZXL2	.CXPTX
DAXsector Transportation & Logistics	EUR	Price	DE0009660258	CXKL	BBG000Q2M6S8	.CXKLX
DAXsector Transportation & Logistics	EUR	Total Return	DE0009660241	CXPL	BBG000Q2M127	.CXPLX
DAXsector Utilities	EUR	Price	DE0009660415	CXKU	BBG000Q2MH04	.CXKUX
DAXsector Utilities	EUR	Total Return	DE0009660407	CXPU	BBG000Q2M1B7	.CXPUX
DAXsubsector Advanced Industrial Equipment	EUR	Total Return	DE0007203895	I1NA	BBG000V7TYZ5	.I1NA
DAXsubsector Advanced Industrial Equipment	EUR	Price	DE0007203911	I2NA	BBG000V96L93	.I2NA
DAXsubsector All Advanced Industrial Equipment	EUR	Price	DE000A0SM536	4N5E	BBG000WWC5P1	.4N5E
DAXsubsector All Advanced Industrial Equipment	EUR	Total Return	DE000A0SM817	4N89	BBG000WWBJM5	.4N89
DAXsubsector All Advertising	EUR	Price	DE000A0SM544	4N5F	BBG000WWC5S8	.4N5F
DAXsubsector All Advertising	EUR	Total Return	DE000A0SM825	4N8A	BBG000WWBK33	.4N8A
DAXsubsector All Auto Parts & Equipment	EUR	Price	DE000A0SM569	4N5H	BBG000WWC704	.4N5H
DAXsubsector All Auto Parts & Equipment	EUR	Total Return	DE000A0SM841	4N8C	BBG000WWBKM2	.4N8C
DAXsubsector All Automobile Manufacturers	EUR	Total Return	DE000A0SM858	4N8D	BBG000WWBKV2	.4N8D
DAXsubsector All Automobile Manufacturers	EUR	Price	DE000A0SM866	4N8E	BBG000WWC7C1	.4N8E
DAXsubsector All Biotechnology	EUR	Price	DE000A0SM593	4N5K	BBG000WWC820	.4N5K
DAXsubsector All Biotechnology	EUR	Total Return	DE000A0SM874	4N8F	BBG000WWBL86	.4N8F
DAXsubsector All Chemicals Specialty	EUR	Price	DE000A0SM5D2	4N5P	BBG000WWC8P5	.4N5P
DAXsubsector All Chemicals Specialty	EUR	Total Return	DE000A0SM8B0	4N8J	BBG000WWBM57	.4N8J
DAXsubsector All Clothing & Footwear	EUR	Price	DE000A0SM5E0	4N5Q	BBG000WWC8V8	.4N5Q
DAXsubsector All Clothing & Footwear	EUR	Total Return	DE000A0SM8C8	4N8K	BBG000WWBMF6	.4N8K
DAXsubsector All Communications Technology	EUR	Price	DE000A0SM5F7	4N5R	BBG000WWC973	.4N5R
DAXsubsector All Communications Technology	EUR	Total Return	DE000A0SM8D6	4N8L	BBG000WWBMP5	.4N8L
DAXsubsector All Construction & Engineering	EUR	Price	DE000A0SM5G5	4N5S	BBG000WWC9K8	.4N5S
DAXsubsector All Construction & Engineering	EUR	Total Return	DE000A0SM8E4	4N8M	BBG000WWBMZ4	.4N8M

DAXsubsector All Credit Banks	EUR	Price	DE000A0SM5K7	4N5V	BBG000WWC9Z2	.4N5V
DAXsubsector All Credit Banks	EUR	Total Return	DE000A0SM8H7	4N8Q	BBG000WWBNV6	.4N8Q
DAXsubsector All Diversified Financial	EUR	Price	DE000A0SM5L5	4N5W	BBG000WWCB23	.4N5W
DAXsubsector All Diversified Financial	EUR	Total Return	DE000A0SM8J3	4N8R	BBG000WWBP05	.4N8R
DAXsubsector All Electronic Components & Hardware	EUR	Price	DE000A0SM5N1	4N5Y	BBG000WWCBH7	.4N5Y
DAXsubsector All Electronic Components & Hardware	EUR	Total Return	DE000A0SM8L9	4N8T	BBG000WWBPF9	.4N8T
DAXsubsector All Health Care	EUR	Price	DE000A0SM5S0	4N62	BBG000WWCCS3	.4N62
DAXsubsector All Health Care	EUR	Total Return	DE000A0SM8Q8	4N8X	BBG000WWBQD9	.4N8X
DAXsubsector All Heavy Machinery	EUR	Price	DE000A0SM5T8	4N63	BBG000WWCD01	.4N63
DAXsubsector All Heavy Machinery	EUR	Total Return	DE000A0SM8R6	4N8Y	BBG000WWBQK1	.4N8Y
DAXsubsector All Home Construction & Furnishings	EUR	Price	DE000A0SM5U6	4N64	BBG000WWCD83	.4N64
DAXsubsector All Home Construction & Furnishings	EUR	Total Return	DE000A0SM8S4	4N8Z	BBG000WWBQV9	.4N8Z
DAXsubsector All Household Appliances & Housewares	EUR	Price	DE000A0SM5V4	4N65	BBG000WWCDJ1	.4N65
DAXsubsector All Household Appliances & Housewares	EUR	Total Return	DE000A0SM8T2	4N90	BBG000WWBR01	.4N90
DAXsubsector All Industrial	EUR	Price	DE000A0SM5Z5	4N69	BBG000WWCFR7	.4N69
DAXsubsector All Industrial	EUR	Total Return	DE000A0SM8X4	4N94	BBG000WWBRM7	.4N94
DAXsubsector All Industrial Machinery	EUR	Price	DE000A0SM5X0	4N67	BBG000WWCF51	.4N67
DAXsubsector All Industrial Machinery	EUR	Total Return	DE000A0SM8V8	4N92	BBG000WWBRC8	.4N92
DAXsubsector All Industrial Products & Services	EUR	Price	DE000A0SM5Y8	4N68	BBG000WWCFJ6	.4N68
DAXsubsector All Industrial Products & Services	EUR	Total Return	DE000A0SM8W6	4N93	BBG000WWBRH3	.4N93
DAXsubsector All Internet	EUR	Total Return	DE000A0SM619	4N6B	BBG000WWBS45	.4N6B
DAXsubsector All Internet	EUR	Price	DE000A0SM8Z9	4N96	BBG000WWCG31	.4N96
DAXsubsector All IT-Services	EUR	Price	DE000A0SM627	4N6C	BBG000WWCGG7	.4N6C
DAXsubsector All IT-Services	EUR	Total Return	DE000A0SM908	4N97	BBG000WWBSH1	.4N97
DAXsubsector All Medical Technology	EUR	Price	DE000A0SM650	4N6F	BBG000WWCHH4	.4N6F
DAXsubsector All Medical Technology	EUR	Total Return	DE000A0SM932	4N9A	BBG000WWBTG0	.4N9A
DAXsubsector All Movies & Entertainment	EUR	Price	DE000A0SM684	4N6I	BBG000WWCJK6	.4N6I
DAXsubsector All Movies & Entertainment	EUR	Total Return	DE000A0SM965	4N9D	BBG000WWBV20	.4N9D
DAXsubsector All Multi-Utilities	EUR	Price	DE000A0SM692	4N6J	BBG000WWCJQ0	.4N6J
DAXsubsector All Multi-Utilities	EUR	Total Return	DE000A0SM973	4N9E	BBG000WWBV66	.4N9E
DAXsubsector All Pharmaceuticals	EUR	Price	DE000A0SM6E8	4N6P	BBG000WWCKF9	.4N6P
DAXsubsector All Pharmaceuticals	EUR	Total Return	DE000A0SM9C6	4N9J	BBG000WWBWP3	.4N9J
DAXsubsector All Private Equity & Venture Capital	EUR	Price	DE000A0SM6F5	4N6Q	BBG000WWCKK3	.4N6Q
DAXsubsector All Private Equity & Venture Capital	EUR	Total Return	DE000A0SM9D4	4N9K	BBG000WWBWT9	.4N9K
DAXsubsector All Real Estate	EUR	Price	DE000A0SM6H1	4N6S	BBG000WWCL21	.4N6S
DAXsubsector All Real Estate	EUR	Total Return	DE000A0SM9F9	4N9M	BBG000WWBXJ8	.4N9M
DAXsubsector All Renewable Energies	EUR	Price	DE000A0SM6L3	4N6V	BBG000WWCLX7	.4N6V
DAXsubsector All Renewable Energies	EUR	Total Return	DE000A0SM9J1	4N9Q	BBG000WWBY33	.4N9Q

DAXsubsector All Retail Internet	EUR	Price	DE000A0SM6Q2	4N6Z	BBG000WWCMR2	.4N6Z
DAXsubsector All Retail Internet	EUR	Total Return	DE000A0SM9N3	4N9U	BBG000WWBZ67	.4N9U
DAXsubsector All Retail Specialty	EUR	Price	DE000A0SM6S8	4N71	BBG000WWCNC6	.4N71
DAXsubsector All Retail Specialty	EUR	Total Return	DE000A0SM9Q6	4N9W	BBG000WWBZD9	.4N9W
DAXsubsector All Securities Brokers	EUR	Price	DE000A0SM6T6	4N72	BBG000WWCNM5	.4N72
DAXsubsector All Securities Brokers	EUR	Total Return	DE000A0SM9R4	4N9X	BBG000WWC081	.4N9X
DAXsubsector All Semiconductors	EUR	Price	DE000A0SM6U4	4N73	BBG000WWCNT8	.4N73
DAXsubsector All Semiconductors	EUR	Total Return	DE000A0SM9S2	4N9Y	BBG000WWC0D5	.4N9Y
DAXsubsector All Software	EUR	Price	DE000A0SM6V2	4N74	BBG000WWCP59	.4N74
DAXsubsector All Software	EUR	Total Return	DE000A0SM9T0	4N9Z	BBG000WWC0X3	.4N9Z
DAXsubsector All Transportation Services	EUR	Price	DE000A0SM6Y6	4N77	BBG000WWCPL1	.4N77
DAXsubsector All Transportation Services	EUR	Total Return	DE000A0SM9W4	4NAC	BBG000WWC1D3	.4NAC
DAXsubsector Auto Parts & Equipment	EUR	Total Return	DE0007203366	I1AA	BBG000V7TRB6	.I1AA
DAXsubsector Auto Parts & Equipment	EUR	Price	DE0007203374	I2AA	BBG000V96Y31	.I2AA
DAXsubsector Automobile Manufacturers	EUR	Total Return	DE0007203382	I1AB	BBG000V7TRN3	.I1AB
DAXsubsector Automobile Manufacturers	EUR	Price	DE0007203390	I2AB	BBG000V966B3	.I2AB
DAXsubsector Biotechnology	EUR	Total Return	DE0007238008	I1PC	BBG000V7V4P9	.I1PC
DAXsubsector Biotechnology	EUR	Price	DE0007238016	I2PC	BBG000V96QR2	.I2PC
DAXsubsector Chemicals Specialty	EUR	Total Return	DE0007203564	I1CB	BBG000V7TTS4	.I1CB
DAXsubsector Chemicals Specialty	EUR	Price	DE0007203572	I2CB	BBG000V96909	.I2CB
DAXsubsector Clothing & Footwear	EUR	Total Return	DE0007203655	I1YA	BBG000V7TVH1	.I1YA
DAXsubsector Clothing & Footwear	EUR	Price	DE0007203663	I2YA	BBG000V96BZ6	.I2YA
DAXsubsector Communications Technology	EUR	Total Return	DE0007238206	I1HA	BBG000V7V843	.I1HA
DAXsubsector Communications Technology	EUR	Price	DE0007238214	I2HA	BBG000V96T50	.I2HA
DAXsubsector Diversified Financial	EUR	Total Return	DE0007203788	I1VA	BBG000V7TXK3	.I1VA
DAXsubsector Diversified Financial	EUR	Price	DE0007203796	I2VA	BBG000V96FM1	.I2VA
DAXsubsector Electronic Components & Hardware	EUR	Total Return	DE0007238222	I1HB	BBG000V7V8C4	.I1HB
DAXsubsector Electronic Components & Hardware	EUR	Price	DE0007238230	I2HB	BBG000V96TG8	.I2HB
DAXsubsector Health Care	EUR	Total Return	DE0007237984	I1PB	BBG000V7V4K4	.I1PB
DAXsubsector Health Care	EUR	Price	DE0007237992	I2PB	BBG000V96PS3	.I2PB
DAXsubsector Industrial	EUR	Total Return	DE0007203986	I1NE	BBG000V7V0R5	.I1NE
DAXsubsector Industrial	EUR	Price	DE0007203994	I2NE	BBG000V96MN5	.I2NE
DAXsubsector Industrial Machinery	EUR	Total Return	DE0007203960	I1ND	BBG000V7V095	.I1ND
DAXsubsector Industrial Machinery	EUR	Price	DE0007203978	I2ND	BBG000VCFSW5	.I2ND
DAXsubsector Industrial Products & Services	EUR	Total Return	DE0007237828	I1NG	BBG000V7V1V8	.I1NG
DAXsubsector Industrial Products & Services	EUR	Price	DE0007237836	I2NG	BBG000V96NB6	.I2NG
DAXsubsector Internet	EUR	Total Return	DE0007238149	I1SA	BBG000V7V6V7	.I1SA
DAXsubsector Internet	EUR	Price	DE0007238156	I2SA	BBG000V96ST6	.I2SA
DAXsubsector IT-Services	EUR	Total Return	DE0007238164	I1SB	BBG000V7V727	.I1SB

DAXsubsector IT-Services	EUR	Price	DE0007238172	I2SB	BBG000VCFV12	.I2SB
DAXsubsector Medical Technology	EUR	Total Return	DE0007238024	I1PD	BBG000V7V549	.I1PD
DAXsubsector Medical Technology	EUR	Price	DE0007238032	I2PD	BBG000V96QX5	.I2PD
DAXsubsector Multi-Utilites	EUR	Total Return	DE0007238446	I1UD	BBG000V7VFB9	.I1UD
DAXsubsector Multi-Utilites	EUR	Price	DE0007238453	I2UD	BBG000V96XX0	.I2UD
DAXsubsector Pharmaceuticals	EUR	Total Return	DE0007237968	I1PA	BBG000V7V4C3	.I1PA
DAXsubsector Pharmaceuticals	EUR	Price	DE0007237976	I2PA	BBG000V96PF7	.I2PA
DAXsubsector Real Estate	EUR	Total Return	DE0007203812	I1VB	BBG000V7TXV1	.I1VB
DAXsubsector Real Estate	EUR	Price	DE0007203820	I2VB	BBG000V96GC0	.I2VB
DAXsubsector Renewable Energies	EUR	Total Return	DE0007237802	I1NF	BBG000V7V139	.I1NF
DAXsubsector Renewable Energies	EUR	Price	DE0007237810	I2NF	BBG000V96N26	.I2NF
DAXsubsector Retail Internet	EUR	Total Return	DE0007238081	I1RC	BBG000V7V5Y6	.I1RC
DAXsubsector Retail Internet	EUR	Price	DE0007238099	I2RC	BBG000V96RQ1	.I2RC
DAXsubsector Retail Specialty	EUR	Total Return	DE0007238123	I1RE	BBG000V7V6Q3	.I1RE
DAXsubsector Retail Specialty	EUR	Price	DE0007238131	I2RE	BBG000V96SN2	.I2RE
DAXsubsector Semiconductors	EUR	Total Return	DE0007238248	I1HC	BBG000V7V9M1	.I1HC
DAXsubsector Semiconductors	EUR	Price	DE0007238255	I2HC	BBG000V96TM1	.I2HC
DAXsubsector Software	EUR	Total Return	DE0007238180	I1SC	BBG000V7V7W4	.I1SC
DAXsubsector Software	EUR	Price	DE0007238198	I2SC	BBG000V96SY0	.I2SC
DAXsubsector Transportation Services	EUR	Total Return	DE0007238362	I1LC	BBG000V7VCQ0	.I1LC
DAXsubsector Transportation Services	EUR	Price	DE0007238370	I2LC	BBG000V96WY1	.I2LC
DAXsupersector Basic Materials	EUR	Price	DE000A0SM718	4N7A	BBG000WWCQB0	.4N7A
DAXsupersector Basic Materials	EUR	Total Return	DE000A0SM9Z7	4NAF	BBG000WWC1T6	.4NAF
DAXsupersector Consumer Goods	EUR	Price	DE000A0SM726	4N7B	BBG000WWCQK0	.4N7B
DAXsupersector Consumer Goods	EUR	Total Return	DE000A0SNAA3	4NAG	BBG000WWC1W2	.4NAG
DAXsupersector Consumer Services	EUR	Price	DE000A0SM734	4N7C	BBG000WWCQS2	.4N7C
DAXsupersector Consumer Services	EUR	Total Return	DE000A0SNAB1	4NAH	BBG000WWC1Z9	.4NAH
DAXsupersector FIRE	EUR	Price	DE000A0SM742	4N7D	BBG000WWCQW7	.4N7D
DAXsupersector FIRE	EUR	Total Return	DE000A0SNAC9	4NAI	BBG000WWC278	.4NAI
DAXsupersector Industrials	EUR	Price	DE000A0SM759	4N7E	BBG000WWCR19	.4N7E
DAXsupersector Industrials	EUR	Total Return	DE000A0SNAD7	4NAJ	BBG000WWC2J5	.4NAJ
DAXsupersector Information Technology	EUR	Price	DE000A0SM767	4N7F	BBG000WWCRW5	.4N7F
DAXsupersector Information Technology	EUR	Total Return	DE000A0SNAE5	4NAK	BBG000WWC2R6	.4NAK
DAXsupersector Pharma & Healthcare	EUR	Price	DE000A0SM775	4N7G	BBG000WWCS08	.4N7G
DAXsupersector Pharma & Healthcare	EUR	Total Return	DE000A0SNAF2	4NAL	BBG000WWC2Y8	.4NAL
DAXsupersector Utilities	EUR	Price	DE000A0SM791	4N7I	BBG000WWCSR9	.4N7I
DAXsupersector Utilities	EUR	Total Return	DE000A0SNAH8	4NAN	BBG000WWC410	.4NAN
DBIX Deutsche Börse India Index	EUR	Total Return	DE000A0C4CB8	D1AS	BBG000VR7105	.DBIX
DBIX Deutsche Börse India Index	EUR	Net Return	DE000A1A4M09	D1ASN	BBG0011Y0974	.DBIXN

DBIX Deutsche Börse India Index	EUR	Price	DE000A0C4CC6	D1AT	BBG000VR70N2	.DBIXP
DBIX Deutsche Börse India Index	USD	Total Return	DE000A0C4CD4	D1AU	BBG000VR9LZ1	.DBIXUS
DBIX Deutsche Börse India Index	USD	Price	DE000A0C4CE2	D1AV	BBG000VR9LQ1	.DBIXUSP
DBIX Deutsche Börse India Index	USD	Net Return	DE000A1A4M58	D1AVN	BBG0011Y09R2	.DBIXUSN
DBIX Deutsche Börse India Index	GBP	Total Return	DE000A0C4CG7	D1AX	BBG000LD42Y1	.DBIXGB
DBIX Deutsche Börse India Index	GBP	Net Return	DE000A1A4M41	D1AXN	BBG0011Y09K9	.DBIXGBN
DBIX Deutsche Börse India Index	GBP	Price	DE000A0C4CH5	D1AY	BBG000LD0LS0	.DBIXGBP
DivDAX	EUR	Price	DE000A0C33C3	DDAXK	BBG000MJFK57	.GSUK
DivDAX	EUR	Total Return	DE000A0C33D1	DIVDAX	BBG000M6YY72	.GSUL
DivMSDAX	EUR	Total Return	DE000A0Z3LS8	DMSDAX	BBG001P62VG8	.DMSDAX
DivMSDAX	EUR	Price	DE000A0Z3LT6	DMSDAXP	BBG001P62VF9	.DMSDAXP
General All Share	EUR	Price	DE000A0S3CU2	3BTT		.3BTT
General All Share	EUR	Total Return	DE000A0S3CV0	3BTU	BBG000X7MKR9	.3BTU
GEX	EUR	Total Return	DE000A0AER17	GEX	BBG000V39286	.GEXIR
GEX	EUR	Price	DE000A0AER09	GEXK	BBG000V3MYZ1	.GEXI
HDAX	EUR	Total Return	DE0008469016	HDAX	BBG000KPZTX3	.GDAXHI
HDAX	CHF	Total Return	DE000A161DV0	HDAXCHF		.HDAXCHF
HDAX	CHF	Price	DE000A161DU2	HDAXPCHF		.HDAXKCH
HDAX	USD	Price	DE000A161DW8	HDAXPUSD		.HDAXKUS
HDAX	USD	Total Return	DE000A1X2Y25	HDAXUSD		.X2HZ
HDAX	EUR	Price	DE0008469974	HKDX	BBG000HHQG27	.GDAXHP
idDAX 50 Equal Weight	EUR	Gross Return	DE000A2FG2S8	IDAX5EW		.IDAX5EW
idDAX 50 Equal Weight	EUR	Net Return	DE000A2FG2R0	IDAX5EWN	BBG00GXQR6Q9	.IDAX5EWN
idDAX 50 Equal Weight	EUR	Price	DE000A2FG2Q2	IDAX5EWP		.IDAX5EWK
L/E-DAX	EUR	Total Return	DE0001717049	DAXL	BBG000TKLZS2	.GDAXIL
L/E-MDAX	EUR	Total Return	DE0001717056	MDXL	BBG000TKM080	.MDAXIL
L/E-SDAX	EUR	Total Return	DE0001717064	SDXL	BBG000TKM0R9	.SDAXIL
L/E-TecDAX	EUR	Total Return	DE0001717072	TDXL	BBG000TKM0W3	.TECDAXL
MDAX	EUR	Total Return	DE0008467416	MDAX	BBG000H38C54	.MDAXI
MDAX	EUR	Net Return	DE000A0Z3ND6	MDAXNR	BBG00G6QL462	.MDAXIN
MDAX	EUR	Price	DE0008467531	MKDX	BBG000MVBJR3	.MDAXIP
MDAX ESG Screened	EUR	Total Return	DE000A3DDX55	MDXESGS	BBG015HK5DV6	.MDXESGS
MDAX ESG Screened	EUR	Price	DE000A3DDX30	MDXESGSK	BBG015HK5DX4	.MDXESGSK
MDAX ESG Screened	EUR	Net Return	DE000A3DDX48	MDXESGSN	BBG015HK5DS0	.MDXESGSN
MDAX ESG+	EUR	Total Return	DE000A3DMSK2	MDXESGP	BBG017NFPVP1	.MDXESGP
MDAX ESG+	EUR	Price	DE000A3DMSH8	MDXESGPK	BBG017NFPVN3	.MDXESGPK
MDAX ESG+	EUR	Net Return	DE000A3DMSJ4	MDXESGPN	BBG017NFPVQ0	.MDXESGPN
Prime All Share	EUR	Price	DE0007203333	PXAK	BBG000TB1PS6	.PRIMEP
Prime All Share	EUR	Net Return	DE000A3CK6D7	PXAN		.PRIMEP

Prime All Share	EUR	Total Return	DE0007203325	PXAP	BBG000TB1PL3	.PRIME
RX Real Estate Index	EUR	Total Return	DE000A0S3AV4	ADARXRE	BBG000XMGCL7	.RXREI
RX Real Estate Index	EUR	Price	DE000A0S29Y1	ADARXREP		.RXREIP
RX REIT All-Share	EUR	Total Return	DE000A0MEN82	RXREITAS	BBG000WM9416	.RXREITAS
RX REIT All-Share	EUR	Price	DE000A0MEN90	RXRTPR	BBG000WM94Y0	.RXREITASP
Scale 30 Kursindex	EUR	Price	DE000A2J0PW5	SCALE30	BBG00K9XFQJ9	.SCALE30PR
Scale 30 Performance Index	EUR	Total Return	DE000A2GYJT2	SCAL30PE	BBG00K9XFQH1	.SCALE30TR
Scale All Share	EUR	Gross Return	DE000A2BLGY6	SCASG		.SCALEALL
Scale All Share Kursindex	EUR	Price	DE000A2BLGX8	SCASP		.SCALEALLP
SDAX	EUR	Net Return	DE000A0Z3NE4	SDAXNR	BBG00GLM8PH0	.SDAXIN
SDAX	EUR	Price	DE0009653394	SDXK	BBG000Q23PK5	.SDAXIP
SDAX	EUR	Total Return	DE0009653386	SDYP	BBG000LM5G97	.SDAXI
TecDAX	EUR	Price	DE0007203283	TDXK	BBG000TB1N74	.TECDAXP
TecDAX	EUR	Net Return	DE000A0Z3NF1	TDXN	BBG00G6QL471	.TECDAXN
TecDAX	EUR	Total Return	DE0007203275	TDXP	BBG000TB1MT2	.TECDAX
Technology All Share	EUR	Price	DE0008468968	NMDK	BBG000TB1R02	.TECALLP
Technology All Share	EUR	Total Return	DE0008468943	NMDP	BBG000TB1RN7	.TECALL
World Luxury	EUR	Price	DE000A0LLPU8	DB1LUX		
X-DAX	EUR	Total Return	DE000A0C4CA0	XDAX	BBG000VR7132	.XDAX
XDAXDAX	EUR	Total Return	DE000A169S86	XDAXDAX	BBG00BKN94H6	.XDAXDAX
X-TecDAX	EUR	Total Return	DE000A0S3BJ7	XTDXP	BBG000WRZ1R4	.XTECDAX

Appendix

Current Rule	Preliminary Rule
5.1.4 Extraordinary Free-Float Adjustments If the free-float factor of a company included in a selection index changes by more than 10 percentage points between two regular chaining dates due to a corporate action (e.g., subscription right or changes in share capital), the free-float factor will be updated extraordinarily. The rule does not apply to cases where the absolute change of the free-float adjusted number of shares (ff_{iT} x q_{iT}) before the ex-date of the corporate action is less than or equal to 10%, i.e., the corporate action is deemed market cap neutral. STOXX Ltd. will announce the new free-float factor at least two trading days before the change becomes effective. Free-float adjustments resulting from ongoing acquisitions (acquisitions as defined by the German Securities Acquisition and Takeover Act (WpÜG)) will be made extraordinarily in the respective index after the initial announcement and the final announcement at the end of each offer period or after the tender offer cancellation. Index changes will be announced two trading days before the change becomes effective. Shares held in fixed ownership will remain unchanged until further information, i.e., according to the WpHG (Germany's Securities Trading Act) or other official sources, is available. The extraordinary adjustment in each case will be carried out as described in section 7.1.1, with the only difference that the index composition will not be changed and only the free-float factor of the affected company will be updated.	**Extraordinary Adjustments in Free-Float and Number of Shares** The indices are updated to reflect changes in the number of free-floating shares and/or free-float factors due to corporate actions. The timing depends on the magnitude of the change: • Standard Corporate Actions: - Changes to **the number of free-floating shares due to stock dividends, splits, rights issues** etc. are implemented immediately and become effective the next trading day. • Mergers & Acquisitions: - If the free-float factor of a company included in a selection index changes by more than **5 percentage points** during the period of two regular chaining dates because of a corporate action (e.g., subscription right or changes in share capital), the free-float factor will be updated extraordinarily. - Changes to the number of shares greater than **10 percent** from one trading day to the next are announced immediately, implemented two trading days later and become effective the trading day after implementation. - Changes to the **combined free-float adjusted number of shares greater than 10 percent** from one trading day to the next are announced immediately, implemented with 2-trading days' notice and become effective the next trading day after implementation. • Other: - All **other applicable changes** are announced on the next quarterly underlying data announcement date, implemented on the quarterly chaining date and become effective at review effective dates. ~~The rule does not apply to cases where the absolute change of free float-adjusted number of shares (ff_{iT} x q_{iT}) before the ex-date of the corporate action is less than or equal to 10%, i.e., the corporate action is deemed market cap neutral. STOXX Ltd. will announce the new free float factor at least two trading days before the change becomes effective.~~

Free-float adjustments resulting from ongoing acquisitions (as defined by the German Securities Acquisition and Takeover Act (WpÜG)), will be made extraordinarily in the respective index between the initial announcement and the final announcement at the end of each offer period or after the cancellation of the tender offer. Index changes will be announced two trading days before the change becomes effective. Shares held in fixed ownership will remain unchanged until further information, i.e., according to the WpHG (Germany' Securities Trading Act) or other official sources, is available.

~~In each case, the extraordinary adjustment will be carried out as described in section 7.1.1, with the only difference that the index composition will not be changed and only the free-float factor of the affected company will be updated.~~

6.1 INDEX FORMULAS

6.1.1 Index Formula for free-float market capitalisation weighted indices

The selection indices of the DAX® index family are capital weighted. Only the shares in free-float are considered when calculating the capitalization. The indices are each calculated as price and performance indices.

The indices in the DAX® family use the Laspeyres index formula and are calculated as follows:

$$Index_t = K_T \cdot \frac{\sum p_{it} \cdot ff_{iT} \cdot q_{iT} \cdot c_{it}}{\sum p_{i0} \cdot q_{i0}} \cdot Base$$

whereby:

c_{it} = Adjustment factor of company i at time t
ff_{iT} = Free float factor of share class i at time T
n = Number of shares in the index
p_{i0} = Closing price of share i on the trading day before the first inclusion in the index
p_{it} = Price of share i at time t

INDEX FORMULA AND DIVISOR CALCULATION

The indices are calculated with the Laspeyres formula, which measures price changes against a fixed base quantity weight. Each index has a unique index divisor, which is adjusted to maintain the continuity of the index's values across changes due to corporate actions.

Market Capitalization-Weighted (replaces former sections 6.1.1 and 6.1.2)

The indices are calculated with the Laspeyres formula, which measures price changes against a fixed base quantity weight:

$$Index_t = \frac{\sum_{i=1}^{n}(p_{it} \cdot s_{it} \cdot ff_{it} \cdot cf_{it} \cdot x_{it})}{D_t} = \frac{M_t}{D_t}$$

Where:

t = Time the index is computed
n = Number of companies in the index
p_{it} = Price of company (i) at time (t)
s_{it} = Number of shares of company (i) at time (t), *previously known as* q_{it}
ff_{it} = Free float factor of company (i) at time (t)
cf_{it} = Weighting cap factor of company (i) at time (t), *previously directly adjusted in* q_{it}
x_{it} = Exchange rate from local currency into index currency for company (i) at time (t), *previously not considered*

q_{i0} = Number of shares of company i on the trading day before the first inclusion in the index
q_{iT} = Number of shares of company i at time T
t = calculation time of the index
K_T = Index-specific chaining factor valid as of chaining date T
T = Date of the last chaining
Base = value of the index at base date

The formula set out below is equivalent in analytic terms, but designed to achieve relative weightings:

$$\text{Index}_t = \frac{\sum_{i=1}^{n} p_{it} \cdot \left(K_T \cdot \frac{ff_{iT} \cdot q_{iT}}{\sum_{i=1}^{n} q_{i0}} \cdot 100 \cdot c_{it}\right)}{\sum_{i=1}^{n} p_{i0} \cdot \frac{q_{i0}}{\sum_{i=1}^{n} q_{i0}} \cdot 100} \cdot \text{Basis} = \frac{\sum_{i=1}^{n} p_{it} \cdot F_i}{A} \cdot \text{Basis}$$

whereby:
$$A = \sum_{i=1}^{n} p_{i0} \cdot \frac{q_{i0}}{\sum_{i=1}^{n} q_{i0}} \cdot 100$$

and:
$$F_i = K_T \cdot \frac{ff_{iT} \cdot q_{iT}}{\sum_{i=1}^{n} q_{i0}} \cdot 100 \cdot c_{it}$$

The index calculation can be reproduced in simplified terms by using the expression Fi:

- Multiply the current price by the respective Fi weighting factor;
- Take the sum of these products; and
- Divide this by the base value (A), which remains constant until the index composition is modified.

The Fi factors provide information on the number of shares required from each company to track the underlying index portfolio.

6.1.2 Index Formula for Market Cap-Weighted Indices

The same index formula as described under 6.1.1 is used for indices that are not weighted by Free Float Market Capitalisation, but by full market capitalisation, with the difference that:
ff_{iT} = 1

6.1.3 Index Formula for Equally Weighted Indices

The same index formula as described under 6.1.1 is used for equally weighted indices, such as the Scale All Share, with the difference that:

M_t = Free float market capitalization of the index at time (t), *previously not shown separately*
D_t = Divisor of the index at time (t), *previously not part of the concept*

Each index has a unique index divisor that is adjusted to maintain the continuity of the index's values across changes due to corporate actions. Changes in weights due to corporate actions are distributed proportionally across all index components. The index divisors are calculated as follows:

$$D_{t+1} = D_t \cdot \frac{\sum_{i=1}^{n}(p_{it} \cdot s_{it} \cdot ff_{it} \cdot cf_{it} \cdot x_{it}) \pm \Delta MC_{t+1}}{\sum_{i=1}^{n}(p_{it} \cdot s_{it} \cdot ff_{it} \cdot cf_{it} \cdot x_{it})}$$

Where:

D_{t+1} = Divisor at time (t+1)
D_1 = Divisor at time (t)
n = Number of companies in the index
p_{it} = Price of company (i) at time (t)
s_{it} = Number of shares of company (i) at time (t)

ff_{it} = Free float factor of company (i) at time (t)
cf_{it} = Weighting cap factor of company (i) at time (t) (only applicable if index is capped)
x_{it} = Exchange rate from local currency into index currency for company (i) at time (t)
ΔMC_{t+1} = The difference between the closing market capitalization of the index and the adjusted closing market capitalization of the index:
For companies with corporate actions effective at t+1, the free-float market capitalization is calculated with adjusted closing prices, the new number of shares at time (t+1) and the free-float factor at time (t+1) minus the free- float market capitalization calculated with closing prices, number of shares at time (t) and free-float factor at time (t).

For Full Market-Cap weighted Indices set ff_{it} = 1

Price-Weighted With Weighting Factors

The indices are weighted based on the components' stock prices and weighting factors:

ff_{iT} = 1

q_{i0} = Weighting factor of company i on the trading day before the first inclusion in the Scale All Share Index

q_{iT} = Weighting factor of company i at time T

$$Index_t = \frac{\sum_{i=1}^{n}(p_{it} \cdot wf_{it} \cdot cf_{it} \cdot x_{it})}{D_t} = \frac{M_t}{D_t}$$

Where:

t = Time the index is computed

n = Number of companies in the index

p_{it} = Price of company (i) at time (t)

wf_{it} = Weighting factor of company (i) at time (t

cfi_t = Weighting cap factor of company (i) at tim

x_{it} = Exchange rate from local currency into in

M_t = Total 'units' of the index at time (t)

D_t = Divisor of the index at time (t)

Each index has a unique index divisor that is adjusted to maintain the continuity of the index's values across changes due to corporate actions. Changes in weights due to corporate actions are distributed proportionally across all index components. The index divisors are calculated as follows:

$$D_{t+1} = D_t \cdot \frac{\sum_{i=1}^{n}(p_{it} \cdot wf_{it} \cdot cf_{it} \cdot x_{it}) \pm \Delta MC_{t+1}}{\sum_{i=1}^{n}(p_{it} \cdot wf_{it} \cdot cf_{it} \cdot x_{it})}$$

Where:

D_{t+1} = Divisor at time (t+1)

D_t = Divisor at time (t)

n = Number of companies in the index

p_{it} = Price of company (i) at time (t)

wf_{it} = Weighting factor of company (i) at time (t)

cf_{it} = Weighting cap factor of company (i) at time (t) (only applicable if index is capped)

x_{it} = Exchange rate from local currency into index currency for company (i) at time (t)

ΔMC_{t+1} = The difference between the units in the index at closing and the units in the index after calculation parameters have been adjusted as follows:

For companies with corporate actions effective at time (t+1), the units in the index are calculated with adjusted closing prices, the adjusted weighting factors at time (t+1) and the adjusted weighting cap factors at time (t+1) minus the units in the index calculated with closing prices,

	weighting factors at time (t) and weighting cap factors at time (t).
6.3.2 DAILY SETTLEMENT INDICES For DAX®, MDAX®, TecDAX® and DAX® 50 ESG an option settlement index is calculated once a day, using the prices determined in the course of the midday intra-day auction on Xetra®. If no price results from the midday intra-day auction for a company, the next price available is used. In the event that a current price is not available by the end of the calculation period, the last price available is used for calculation. On chaining days, a future settlement index is calculated analogously.	**DAILY SETTLEMENT INDICES** For DAX®, MDAX®, TecDAX® and DAX® 50 ESG an option settlement index is calculated once a day, using the prices determined in the course of the midday intra-day auction on Xetra®. If no price results from the midday intra-day auction for a company, the next price available is used. In the event that a current price is not available by the end of the calculation period, the last price available is used for calculation. ~~On chaining days, a future settlement index is calculated analogously.~~
6.3.5 COMPUTATIONAL ACCURACY The K_T chaining factors are used and published as figures rounded to seven decimal places. The c_{it} adjustment factors are included in the index formula, expressed in six decimal places. In the event of several adjustment events coinciding, such as “ex-dividend” and “ex subscription right” markdowns on the same day, only one single adjustment factor (six decimal places) is computed using the total markdown. Where several adjustment events are required for a single share but at different times, the factors rounded in such a way are multiplied by each other, and the product is rounded to six decimal places again. When determining the c_{it} adjustment factor for subscription rights, the rights value is used rounded to two decimal places. Only in the case of a capital increase using company reserves will such a rights value not be rounded. If a dividend disadvantage has to be prorated (e.g., for three months), the value of such a disadvantage used for index calculation is rounded to two decimal places. The free float factors are used as figures rounded to four decimal places. The indices are rounded to two decimal places and published accordingly. The F_i factors are rounded to five decimal places and published accordingly, changing with each share-specific adjustment. If a dividend disadvantage has to be prorated, the value of such a disadvantage used for index calculation is rounded to two decimal places.	**COMPUTATIONAL ACCURACY** The computational accuracy for the following factors of the index calculation is defined as: • Input data (e.g. pricing and currency rates) and other underlying data is rounded to seven decimal places • Index divisors and market capitalization are rounded to integer numbers • Free float factors are rounded to four decimal places • The product of (number of shares x Free float factor x weighting capfactor) is rounded to integer numbers • The product of (weightfactor x weighting capfactor) is rounded to integer numbers • Index values are rounded to two decimal places for dissemination • Weights are expressed in percentage with 5 decimals

7 CHAINING

Quarterly chaining is carried out on the respective third Friday in March, June, September, and December. The index is calculated on this day using the weights applicable up to that point for the last time. The new weights will apply from the next trading day.

7.1 BUSINESS FORECAST

The business forecast is published at the quarterly underlying data announcement date, five trading days before the chaining date (i.e. at the second Friday in March, June, September, and December). It contains the constituents weightings and cap factors for the new index compositions effective from the trading day following the third Friday of a review month.

The new number of shares, free float factors and closing prices used to determine the constituents weightings and cap factors are fixed at the trading day prior to the quarterly underlying data announcement date (T-6). For this purpose, the c_{it} adjustment factors are set to 1.

The business forecast will be republished on the Wednesday before the chaining date (T-2), taking into account all corporate actions with ex-dates effective during the period between the quarterly underlying data announcement date and the chaining date (including delistings and IPOs) STOXX became aware of since the initial publication of the business forecast at the quarterly underlying data announcement date.

7.2 CHAINING FOR FREE FLOAT MARKET CAP-WEIGHTED INDICES

The portion of share capital attributable to each share class that is deemed free float (see section 2.3) is used for weighting free float market cap-weighted indices. The number of shares comprising the share capital and the free float factor are updated quarterly during the regular chaining process.

INDEX REVIEW

To keep up with the latest development of the stock markets, all indices are reviewed on a regular basis to ensure a transparent and up-to-date index basket. The implementation ("the rebalancing") is usually conducted quarterly after the close every third Friday in March, June, September and December and effective the next trading day. If the implementation day is a non-trading day then all dates will be preponed by one trading day accordingly. The review effective day remains the next trading day following the implementation day.

BUSINESS FORECAST

The business forecast is published at the quarterly underlying data announcement date, five trading days before the review implementation date (i.e. at the second Friday in March, June, September, and December). It contains the constituents weightings and cap factors for the new index compositions effective from the trading day following the third Friday of a review month.

The new number of shares, free float factors and closing prices used to determine the constituents weightings and cap factors are fixed at the trading day prior to the quarterly underlying data announcement date (T-6). ~~For this purpose, the c_{it} adjustment factors are set to 1.~~

The business forecast will be republished on the Wednesday before the review implementation date (T-2), taking into account all corporate actions with ex-dates effective during the period between the quarterly underlying data announcement date and the chaining date (including delistings and IPOs) STOXX became aware of since the initial publication of the business forecast at the quarterly underlying data announcement date.

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7.2.1 REGULAR CHAINING

The quarterly chaining procedure is carried out quarterly and encompasses (with the exception of the Scale All Share Index) the following measures:

- Regular changes to the composition of the various indices are implemented.
- The number of shares and the respective free float factors are updated in accordance with the capital changes carried out.
- The accumulated income from distributions and capital changes is allocated to the index component issues according to the respective new weights. For this purpose, the individual cit adjustment factors are set to 1.
- The following applies for capital increases that are announced before the review effective date, but effective date for registration of new shares is after review implementation date: to account for the price adjustment, the change in share capital will be adjusted via the correction factor c_{it} at ex-date of the capital increase; at Index review, c_{it} is set to 1. The q_{it} will be adjusted at the next following regular index review.
- A chaining factor is calculated to avoid a gap in the respective index.

Chaining is carried out in three steps:

a) Calculation of the index value on the chaining date according to the old weighting scheme

The following applies accordingly:

$$\text{Index}_t = K_T \cdot \frac{\sum_{i=1}^{n} p_{it} \cdot ff_{iT} \cdot q_{iT} \cdot c_{it}}{\sum_{i=1}^{n} p_{i0} \cdot q_{i0}} \cdot \text{Base}$$

This value corresponds to the closing index published on the date of chaining and is used with two decimal places (as published) for all subsequent calculations.

b) Computation of an interim value

The interim value is computed using the number of shares valid on the chaining date ($q_{i,T+1}$) and the

SECTION 7.2 TO 7.4 ARE NO LONGER RELEVANT AFTER THE CHANGE OF INDEX CALCULATION FORMULA

current free float factors ($ff_{i,T+1}$). The c_{it} adjustment factors are set to 1.

The following applies accordingly:

$$\text{Interim value} = \frac{\sum_{i=1}^{n} p_{it} \cdot ff_{i,T+1} \cdot q_{i,T+1}}{\sum_{i=1}^{n} p_{i0} \cdot q_{i0}} \cdot \text{Base}$$

The interim value is used as an exact figure for subsequent calculations.

c) Calculation of the new chaining factor

The following applies accordingly:

$$K_{T+1} = \frac{\text{Index}_t}{\text{Interim value}}$$

After chaining, the index is computed on the basis of the new chaining factor (K_{T+1}).

After calculation of the chaining factor, capital changes and dividend payments due on the date of chaining are considered via the c_{it} factor.
The F_i weighting factors of the index formula based on relative weights are calculated as follows:

$$F_i = K_{T+1} \cdot \frac{ff_{i,T+1} \cdot q_{i,T+1} \cdot c_{it}}{\sum_{i=1}^{n} q_{i0}} \cdot 100$$

7.2.2 UNSCHEDULED CHAINING

If the composition of the index is extraordinarily adjusted as described in section **Error! Reference s ource not found.**, an unscheduled chaining takes place. The chaining takes place as described in section **Error! Reference source not found.**, but without a n adjustment of the parameters: Number of shares, free float, and correction factors (c_{it}). Newly included companies are considered using the current parameters from Prime All Share. The factors from CDAX® are adopted in the case of an unscheduled segment change from General Standard to Prime Standard. The interim value is calculated on the basis of the companies included in the new index portfolio.

$$\text{Interim value} = \frac{\sum_{i=1}^{n} p_{it} \cdot ff_{iT} \cdot q_{iT} \cdot c_{it}}{\sum_{i=1}^{n} p_{i0} \cdot q_{i0}} \cdot \text{Base}$$

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With the new chaining factor to result as:

$$K_{T+1} = \frac{\text{Index}_t}{\text{Interim value}}$$

7.2.3 ADJUSTMENT DURING UNSCHEDULED CHAINING

Distributions will be adjusted by unscheduled chaining as described in section 8.1.3. Calculation of the interim value is based on the adjusted price and correction factors:

$$\text{Interim value} = \frac{\sum_{i=1}^{n} p_{it} \cdot ff_{iT} \cdot q_{iT} \cdot c_{it}}{\sum_{i=1}^{n} p_{i0} \cdot q_{i0}} \cdot \text{Base}$$

In this case, the adjusted price and the newly calculated c_{it} correction factor are applied for the distributing company i.
With the new chaining factor to result as:

$$K_{T+1} = \frac{\text{Index}_t}{\text{Interim value}}$$

7.3 CHAINING FOR MARKET CAP-WEIGHTED INDICES

For indices that are not weighted according to Free Float Market Capitalization but rather on the basis of pure market capitalization, the chaining takes place as outlined in section **Error! Reference source not found.**, but with the following difference:
$ff_{iT} = 1$

7.4 CHAINING FOR EQUALLY WEIGHTED INDICES

For chaining in equally weighted indices, such as the Scale All Share Index, the weighting factor $q_{i,T+1}$ of every company will be adjusted during each scheduled and unscheduled chaining in order to ensure that every company has the same weighting in the index.

The following applies accordingly:

$$q_{i,t+1} = \frac{1}{p_{it} \cdot n} \cdot c$$

Where:

SECTION 7.2 TO 7.4 ARE NO LONGER RELEVANT AFTER THE CHANGE OF INDEX CALCULATION FORMULA

t = Time of last trading on the day of scheduled or unscheduled chaining
n = Number of shares in index
p_{it} = Price of company i at time t
q_{it+1} = Weighting factor of company i at time t+1
c = Scaling factor ($1\ 000\ 000 \cdot \sum_{i=1}^{n} p_{it}$)

Weighting factors are rounded to the nearest integer.

7.5 CAPPING

For some indices, the maximum index weighting that a company can adopt is limited. This maximum index weighting is known as the capping limit and is defined for each specific index. That means that in these cases, the total Free Float Market Capitalization of a company is used to calculate the index weight. The following formula is used to calculate the Free Float Market Capitalization based on sections **Error! Reference s ource not found.** and **Error! Reference source not found.**:

$FF\ MCap = p_{it} \cdot ff_{iT} \cdot q_{iT}$

Where:

t = Last trading time on the day before the quarterly underlying data announcement date (T-6) of the scheduled chaining (or the day before the chaining in case of unscheduled chaining)
T = at close of trading six trading days before the chaining day, e.g., T = Thursday before the 2nd Friday

A reduction of this parameter is conducted during the review process if the index weighting of the company exceeds the capping limit specified in the index, by reducing the number of shares (q_{iT}) of a company.

The procedure used, called capping, is described below and is performed for each review process:

Initially, the index weightings are calculated with the entire Free Float Market Capitalization. In a second step, it is checked whether the capping limit has been exceeded. In this case, the number of shares of the affected company is reduced until the weighting is below the capping limit. The implied reduction of the overall index capitalization

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CAPPING

For some indices, the maximum index weighting that a company can adopt is limited. This maximum index weighting is known as the capping limit and is defined for each specific index.

The cap factors are calculated via an iterative process which seeks to maintain the maximum index weighting for each index component. To that end, any excess weight is redistributed from a component to the rest of the components of the index that are not already subject to capping under the above rules, proportionally to their free-float capitalization.

If the capped portion of a company rises above the capping limit in the course of a quarter, it is lowered back to the capping limit only during the next quarterly index review, where applicable.

(sum of the Free Float Market Capitalization of all companies in the index) may result in another company exceeding the capping limit. Capping is an iterative process which is performed until no company exceeds the capping limit.
If the capped portion of a company rises above 10 percent in the course of a quarter, it is lowered back to the capping limit only during the next quarterly index review, where applicable.

8 ADJUSTMENTS – CORPORATE ACTIONS

The total return indices are adjusted for external influences (e.g., price-relevant capital changes) by means of certain correction factors, assuming a reinvestment according to the "opération blanche".

The indices are simultaneously adjusted for systematic price changes using ex-ante calculations of the correction factor. The prerequisite for this is to calculate the correction factor on an ex-ante basis.

Consequently, the first "ex" price can be adequately included for index calculation purposes. The ex-ante incorporation of adjustments presupposes a general acceptance of the computation formula as well as a general availability of the parameters used.

The calculated adjustment factor and a synthetic price accordingly adjusted for this factor are used in the index from the ex-date of a share as long as no "ex" price is available.

ADJUSTMENTS – CORPORATE ACTIONS

The list of corporate actions indicate the calculation of the adjusted prices and the impact on the index divisor. All corporate actions and dividend payments are implemented at the effective date (ex-date); i.e. with corporate actions where cash or other corporate assets are distributed to shareholders, the price of the stock will drop on the ex-date. Changes in weights due to corporate actions are distributed proportionally across all index components and equal an investment into the portfolio.

Withholding taxes are considered for all corporate actions and dividends where applicable and defined per country. If STOXX becomes aware of an exception on the taxation; e.g. in case a company confirms a deviating tax treatment, the exception will be used for the index calculation.

For the latest update on withholding taxes, please visit the following link:
http://www.stoxx.com/indices/taxes.html

For the corporate actions listed below, the following assumptions apply:

- Shareholders will receive "B" new shares for every "A" share held (where applicable).
- All adjusted prices consider withholding taxes based on the new shares being distributed:
  B × (1 – withholding tax where applicable).
- If the new shares have a dividend disadvantage - i.e. new shares have a different dividend versus the dividend paid on old shares - the price for these new shares will be adjusted according to the gross dividend amount.

8.1 DISTRIBUTIONS

8.1.1 Cash Dividends and Other Distributions

Cash dividends and bonus distributions are only corrected in performance and net return indices. Special distributions are taken account of in all performance, net return, and price indices. Within the framework of index calculation, the share price is thus modified by the amount of the respective cash distribution, as defined of Section 2.1 in DAX Equity Index Guide.

The cash dividend and other distributions are determined according to publicly available data such as issuers, financial regulators' announcements.

The c_{it} adjustment factors for cash dividends, bonuses and special distributions are calculated as follows:

$$c_{it} = \frac{p_{i,t-1}}{p_{i,t-1} - D_{i,t}(1-\tau)} \cdot c_{it-1}$$

Where:

$p_{i,t-1}$ = Closing price of the relevant share on the day before the ex-dividend date

$D_{i,t}$ = Cash dividend, bonus, or special distribution on day t

τ = withholding tax, only for net return indices, otherwise τ = 0

The withholding tax used to calculate the net return indices can be found on www.stoxx.com.

8.1.2 Stock Dividend

The issue of shares instead of the distribution of cash to provide dividends is treated in the same way as bonus shares or nominal value changes and is accounted for in both performance and price indices. If the holder is granted the right to choose between cash dividends and stock dividends, it shall be assumed that cash dividends will be drawn.

DISTRIBUTIONS

Cash Dividends and Other Distributions

Cash dividend (applies to return indices only)

Definition: Cash distributions that are within the scope of the regular dividend policy or that the company defines as a regular distribution.

Adjusted price (net return) = closing price - dividend announced by the company × (1 – withholding tax)

Adjusted price (gross return) = closing price - dividend announced by the company

Divisor decreases

Special cash dividend (applies to price and return indices)

Definition: Cash distributions that are outside the scope of the regular dividend policy or that the company defines as an extraordinary distribution.

Adjusted price = closing price - dividend announced by the company × (1 - withholding tax if applicable)

Divisor decreases

Stock dividend

Adjusted price = closing price × A / (A + B)
New number of shares = old number of shares × (A + B) / A

For price-weighted indices with weighting factors:
New weighting factor = old weighting factor × (A + B) / A

Divisor unchanged

Stock dividend from treasury stock

Stock dividends from treasury stocks will be adjusted as cash dividends.

a1) If treated as regular cash dividend, only the return indices are adjusted.

Adjusted close = close - close × B / (A + B)

a2) If treated as extraordinary dividend, the price and the return indices are adjusted.
Adjusted close = close - close × B / (A + B)

Divisor decreases

Stock dividend from redeemable shares
Stock dividends from redeemable shares will be adjusted as cash dividends. In such a case redeemable shares are considered as:

- A separated share line with a fixed price
- Ordinary shares that are self-tendered on the same ex-date

a1) If treated as regular cash dividend, only the return indices are adjusted.
Adjusted close = close - close × B / (A + B)

a2) If treated as extraordinary dividend, the price and the return indices are adjusted.
Adjusted close = close - close × B / (A + B)

Divisor decreases

Stock dividend of another company
Adjusted price = (closing price × A - price of the other company × B) / A

Divisor decreases

8.2 CHANGES IN SHARE CAPITAL

8.2.1 Capital Increases

The c_{it} adjustment factors for capital increases (against cash contributions, or using company reserves) are determined as follows:

$$c_{it} = \frac{p_{i,t-1}}{p_{i,t-1} - BR_{i,t-1}} \cdot c_{it-1}$$

Where:

$$BR_{i,t-1} = \frac{p_{i,t-1} - p_B - DN}{BV + 1}$$

CHANGES IN SHARE CAPITAL

Rights offering

Standard rights issue treatments
a) Free-float market capitalization weighted indices
Adjusted price = (closing price × A + subscription price × B) / (A + B)

New number of shares = old number of shares × (A + B) / A

Divisor increases

b) Price weighted indices with weighting factors
Adjusted price = (closing price × A + subscription price × B) / (A + B)

and:

$p_{i,t-1}$ = Closing price on the day before the ex-date

$BR_{i,t-1}$ = Theoretical value of subscription rights

p_B = Subscription price

BV = Subscription ratio

DN = Dividend disadvantage

For capital increases using company reserves:

$p_B = 0$

The dividend disadvantage is equivalent to the last dividend paid or the proposed dividend published by financial data providers. For issues on which options are traded at Eurex, this procedure is coordinated with Eurex, taking account of the respective rights markdown to adjust the basis prices of the various equity options.

If the subscription price is not available or equal to or greater than the closing price on the day before the effective date, then no adjustment is made.

If the subscription price is available as a price range and not as a fixed price, Cit factor adjustment is performed only if both lower and upper range are in the money. The average value between lower and upper range will be used as a subscription price.

8.2.2 Capital Reductions

The following formula is used to calculate the c_{it} adjustment factor in the case of a simplified capital reduction:

$$c_{it} = \frac{1}{V_{it}} \cdot c_{it-1}$$

Where:

V_{it} = Reduction ratio of company i valid at time t

In the event of a capital reduction and subsequent capital increase against additional contributions,

New weighting factor = old weighting factor × closing price / adjusted price

Highly dilutive rights issues (share ratio of a rights issue is larger or equal to 200% (B/A≥2)) are treated as follows:

Inclusion of the rights into the indices with a theoretical price on the ex-date.
The rights must be listed on an eligible stock exchange and tradable starting on the ex-date otherwise only a price adjustment is made.

The rights will have the same parameters as the parent company.

The rights will be removed at the close of the day they start to trade with traded price being available.
The number of shares and weighting factors will be increased after the new shares have been listed.

If the subscription price is not available or equal to or greater than the closing price on the day before the effective date, then no adjustment is made.

If the subscription price is available as a price range and not as a fixed price, the price and share adjustment is performed only if both lower and upper range are in the money. The average value between lower and upper range will be used as a subscription price.

Divisor Unchanged

Return of capital and share consolidation

Adjusted price = [closing price - capital return announced by company × (1 - withholding tax)] × A / B

New number of shares = old number of shares × B / A

For price-weighted indices with weighting factors:

New weighting factor = old weighting factor × B / A

Divisor decreases

Repurchase of shares/self-tender

a) Free float market capitalization weighted indices:

Adjusted price = [(price before tender × old number of shares) – (tender price × number of tendered

the introduction of a new class of shares is handled as follows:

The old classes are removed, and the new class is included with the corresponding computation of a chaining factor. In this context, two assumptions are made: firstly, that the last traded price could have been achieved, and secondly that the released capital will be invested in the new class on the subsequent day. The new class is included in the index based on the respective opening price on the first day of the new quotation.

shares)] / (old number of shares - number of tendered shares)

New number of shares= old number of shares - number of tendered shares

Divisor decreases

b) Price-weighted indices with weighting factors:
Adjusted price = [(price before tender × old number of shares) - (tender price × number of tendered shares)] / (old number of shares - number of tendered shares)

New weighting factor = old weighting factor × closing price / adjusted price

Divisor unchanged

8.3 Nominal Value Changes and Share Splits

In the case of nominal value changes (or share splits), it is assumed that the respective price changes occur in proportion to the related nominal value (or number of shares). The adjustment factor reflects this assumption accordingly:

$$c_{it} = \frac{N_{i,t-1}}{N_{i,t}} \cdot c_{it-1}$$

Where:

$N_{i,t-1}$ = Previous nominal value of share class i (or new number of shares)

$N_{i,t}$ = New nominal value of share class i (or previous number of shares)

Split and reverse split

Adjusted price = closing price × A / B
New number of shares = old number of shares × B / A

For price-weighted indices with weighting factors: new weighting factor = old weighting factor × B/A

Divisor unchanged

8.4 Spin-offs

Where a company, A, spins off one of its divisions into new, independent companies, the adjustment is carried out as described below.

A theoretical markdown cannot be calculated on an ex-ante basis since there is no closing price for the shares of the new companies. The spun-off entities are additionally included in the index at a price of 0 on the ex-date to avoid any index tracking errors. For a spin-off affecting the DAX®, for instance, this implies that the index is calculated based on more than 40 issues for at least one day. After close of trading on their first trading day the spun-off companies are removed from the index. At the same time, the c_i factor of company A is adjusted as follows:

Spin-off

Each spin-off stock is temporarily added to all affected indices, including the fixed component indices, based on an estimated price. As a precondition, the basic criteria set out in chapter 4.1.1.1 must be met. If the spin-off company does not qualify based on the rules set out below, it will be deleted at the close of the day it starts to trade with the traded price being available. Separate buffer rules and additional requirements for individual indices may be applied according to specific index methodology, as outlined in the DAX methodology guides.

$$c_{i,t}^{A} = \left(1 + \sum_{j=B}^{N} \frac{c_{i,t-1}^{j} \cdot p_{i,t-1}^{j}}{c_{i,t-1}^{A} \cdot p_{i,t-1}^{A} \cdot \mathrm{BVj}}\right) \cdot c_{i,t-1}^{A}$$

Where:

$p_{i,t-1}^{A}$= Closing price of "A" shares on t-1

$p_{i,t-1}^{j}$= Closing price of spun-off company j on t-1

BV_j= Subscription ratio of spun-off company j

t-1= First trading day of spun-off company j

t = point in time in which the spun-off companies are removed from the index

Changes are announced immediately, implemented two trading days later and become effective on the next trading day after implementation.

DAX selection Indices

After the end of the first trading day, each spin-off is added to the latest ranking list based on a pro-rata calculation of the Market Capitalization and Order Book Volume of the mother company. Each spin-off stock qualifies for addition, if it lies within the Fast Entry buffer on the latest index ranking list for the specific index. The spin-off replaces the lowest ranked stock in that index, as determined by the latest ranking list Consequently, the leaving stock is added to the subordinated index, in which again the lowest ranked company will be replaced and so forth.

Qualifying spin-off stocks are added in sequence:
The largest qualifying spin-off stock replaces the original stock in the index

The next qualifying spin-off stock replaces the lowest ranked stock in the index

Likewise for the other qualifying spin-off stocks

For all share indices and derived indices:
The spin-off stock is added, if it qualifies for the respective All Share Index.

Determination of adjusted Price to determine Divisor change.

a) Free-float market capitalization weighted indices:
Adjusted price = (closing price × A - price of spun-off shares × B) / A

Divisor decreases

b) Price-weighted indices with weighting factors:
Adjusted price = (closing price × A - price of spun-off shares × B) / A

New weighting factor for the spin-off = weighting factor of the parent company × B/A

Divisor decreases

11.2 CALENDAR OF PUBLICATIONS

Event	Point in Time
Publication Equity Index Rankings (monthly)	3rd trading day of the month after 10 p.m. CET
Publication additions/ deletions	3rd trading day in March, June, September, December after 10 p.m. CET
Publication DAX 50 ESG Index Rankings	4th trading day of the month after 10 p.m. CET
Publication DAX 50 ESG Index additions/ deletions	4th trading day in March, June, September, December after 10 p.m. CET
Publication Business Forecast	One trading day (before 9 a.m. CET) before chaining date in March, June, September, December
Chaining date, also referred to as review date	3rd Friday in March, June, September, December
Cut-off date for creation of ranking list	Last trading day of the month (at 5:30 p.m. CET) for which the ranking list will be created, e.g. May 31st for May ranking list
Meeting Advisory Board for Equity Indices	not later than the 6th trading day in March and September
Annual sector classification review	annually in August with publication in September

CALENDAR OF PUBLICATIONS

Event	Point in Time
Publication Equity Index Rankings (monthly)	3rd trading day of the month after 10 p.m. CET
Review Publication Date Publication additions/ deletions	3rd trading day in March, June, September, December after 10 p.m. CET
Publication DAX 50 ESG/ Scale 30 Index Rankings	4th trading day of the month after 10 p.m. CET
Publication DAX 50 ESG/ Scale 30 Index additions/ deletions	4th trading day in March, June, September, December after 10 p.m. CET
Quarterly underlying data announcement date	2nd Friday (i.e. 5 trading days before the chaining date) in March, June, September, December
Publication Business Forecast	On the Quarterly underlying data announcement date; Business Forecast is republished on Wednesday before the 3rd Friday (i.e. 2 trading days before the chaining date) after 10 p.m. CET
Review Implementation Date	3rd Friday in March, June, September, December
Cut-off date for creation of ranking list	Last trading day of the month (at 5:30 p.m. CET) for which the ranking list will be created, e.g. May 31st for May ranking list
Meeting Advisory Board for Equity Indices	not later than the 6th trading day in March and September
Annual sector classification review	annually in August with publication in September