

# S&P Global

## CDX.NA.IG.46

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## Removed Entities

M.D.C. Holdings, Inc.
National Rural Utilities Cooperative Finance Corporation
Norfolk Southern Corporation
Packaging Corporation of America
Paramount Global
Teck Resources Limited

## CDX.NA.IG.46

Reference Obligations Being Replaced: 8

Reference obligations for the index constituents listed below are no longer suitable for inclusion.

Currently in Index					Expected replacements				
Ticker	Reference Entity	Instrument Name	ISIN	Tier	Ticker	Reference Entity	Instrument Name	ISIN	Tier
AMD	ADVANCED MICRO DEVICES, INC.	AMD 2.125 01Sep28	US007803B086	SNRFOR	AMD	3.828 01Jun32	US007803B036	SNRFOR	
MO	Altria Group, Inc.	MO 2.625 16Sep26	US022098AL78	SNRFOR	MO	2.45 04Feb32	US022098BL60	SNRFOR	
AZO	AutoZone, Inc.	AZO 3.125 21Apr28	US053332A196	SNRFOR	AZO	4.75 01Aug22	US053332B879	SNRFOR	
BAK	Baker International Inc.	BAK 3.15 15Jun28	US004119D015	SNRFOR	BAK (1)	2.589 01Feb32	US011132S961	SNRFOR	
CISCO	Cisco Systems, Inc.	CISCO 5.25 20Sep26	US172758BL50	SNRFOR	CISCO	4.95 24Feb32	US172758BY71	SNRFOR	
DXCTEC	DXC TECHNOLOGY COMPANY	DXCTEC 1.8 15Sep28	US23355AL09	SNRFOR	DXCTEC	2.375 15Sep28	US23355ALM81	SNRFOR	
DT	DTI Media USA, Inc.	DTI 1.85 05 27 01Feb28	US822444AV20	SNRFOR	DT	1.76 05 27 15Jan33	US822444V29	SNRFOR	
SO	THE SOUTHERN COMPANY	SO 3.25 01Jul28	US842887CV72	SNRFOR	SO	4.85 15Mar35	US842887EA18	SNRFOR	

Reference Entities Being Updated: 0

The index constituents listed below have gone through a corporate action or credit event.

Currently in Index					Expected replacements				
Ticker	Reference Entity	Instrument Name	ISIN	Tier	Ticker	New Reference Entity	Instrument Name	ISIN	Tier

New Reference Entity and Obligation Being Added: 6

Below is the new entity being added to this index, along with the relevant reference obligation.

New Reference Entity and Obligation Being Added				
Ticker	Reference Entity	Instrument Name	ISIN	Tier
ABBYINC	ABBY INC.	ABBYINC 4.8 15Mar29	US00202970C54	SNRFOR
ALPHINC	Alphabot Inc.	ALPHINC 4.15 01Mar30	US020270KAC4	SNRFOR
ELEVHEA	Elevance Health, Inc.	ELEVHEA 4.1 15May32	US036752AT01	SNRFOR
METAPL	META PLATFORMS, INC.	METAPL 4.8 15Mar28	US030308ML96	SNRFOR
MSFT	Microsoft Corporation	MSFT 3.5 12Feb30	US044018B073	SNRFOR
THEGIG	The Giga Group	THEGIG 2.4 15Mar30	US125623CL22	SNRFOR

Unchanged Reference Entities and Obligations: 111

The index constituents and their associated reference obligation listed below are expected to remain unchanged

Currently in Index				
Ticker	Reference Entity	Instrument Name	ISIN	Tier
ALLVTI	Allv Financial Inc.	ALLVTI 5.543 17Jan31	US002029B092	SNRFOR
AMZN	Amazon.com, Inc.	AMZN 1.65 15Jun28	US0231158Y17	SNRFOR
AEP	AMERICAN ELECTRIC POWER COMPANY, INC.	AEP 3.2 15Nov27	US025237A008	SNRFOR
AEP	American Express Company	AEP 4.05 01Jun28	US026160V078	SNRFOR
AIG	American International Group, Inc.	AIG 6.25 01May30 Srup	US026874A207	SNRFOR
AMGN	Amgen Inc.	AMGN 5.25 02Mar30	US001150CQ06	SNRFOR
APACOR	APA Corporation	APACOR 4.375 15Oct28	US003162AA07	SNRFOR
ARW	ARROW ELECTRONICS, INC.	ARW 7.5 15Jan27	US042735AK67	SNRFOR
ATTINC	AT&T Inc.	ATTINC 3.8 1st et27	US002080HW91	SNRFOR
AVT	Avnet, Inc.	AVT 3.5 15May31	US026807AJ73	SNRFOR
BARRMI	BARRICK MINING CORPORATION	BARRMI 6.8 15Nov34	US087601AA64	SNRFOR
BBBY	Beet Bay Co., Inc.	BBY 4.45 01Oct28	US086268AA73	SNRFOR
BBF	Black Finance LLC	BBF 2.5 15Jun28	US083926A031	SNRFOR
BWA	BorgWarner Inc.	BWA 2.85 01Jul27	US098972AL02	SNRFOR
BSC	Bristol-Myers Squibb Corporation	BSC 4.85 15Jan30	US107107BA41	SNRFOR
BMJ	Bristol-Myers Squibb Company	BMJ 6.8 15Nov26	US110122BA85	SNRFOR
BRONC	Broadcom Inc.	BRONC 4 15Apr29	US11135FB010	SNRFOR
CAH	CARDIANUM NATURAL RESOURCES LIMITED	CAH 4.25 15Oct28	US133865AA87	SNRFOR
CAF	Capital One Financial Corporation	CAF 3.75 09Mar27	US140409BN44	SNRFOR
CAH	Cardinal Health, Inc.	CAH 3.41 15Jan27	US1414919J84	SNRFOR
CAT	Caterpillar Inc.	CAT 3.15 08Nov28	US148123C268	SNRFOR
CMCSA	Comcast Corporation	CMCSA 4.15 15Oct28	US200303NC763	SNRFOR
CONABR	Conagra Brands, Inc.	CONABR 7.01 01Oct28	US020587AF36	SNRFOR
COP	ConocoPhillips	COP 3.15 15Oct32	US020520CF44	SNRFOR
COX	Cox Communications, Inc.	COX Commc 6.8 01Aug28	US224044AN72	SNRFOR
CSX	CSX Corporation	CSX 2.8 01Nov26	US126408HE65	SNRFOR
CYSBEA	CYS Health Corporation	CYSBEA 5.25 30Jun31	US126900V033	SNRFOR
DHI	D.R. Horton, Inc.	DHI 1.4 15Oct27	US23331A8P30	SNRFOR
DHR	Danaher Corporation	DHR 4.375 15Sep25	US239801AK36	SNRFOR
DRI	Darden Restaurants, Inc.	DRI 3.85 01May27	US227194AL90	SNRFOR
DE	Deere & Company	DE 5.075 15Oct29	US24419968D6	SNRFOR
DELL	Dell Inc.	DELL 7.1 15Apr28	US246265AE93	SNRFOR
DAL	Delta Air Lines, Inc.	DAL 3.75 08Oct29	US2473071T81	SNRFOR
DVN	Devon Energy Corporation	DVN 3.85 15Apr32	US251786AJ02	SNRFOR
DOMIN	Dominion Energy, Inc.	DOMIN 4.25 01Jun28	US251608C138	SNRFOR
EMN	Eastman Chemical Company	EMN 7.6 01Feb27	US227432D093	SNRFOR
ENB	Enbridge Inc.	ENB 6.2 15Nov30	US29250NBV04	SNRFOR
ENERTRAE	ENERGY TRANSER LP	ENERTRAE 3.75 15Mar30	US292784Z503	SNRFOR
EXC	Exxon Corporation	EXC 5.125 15Mar31	US30161NBR17	SNRFOR
EXPEGR	Expedia Group, Inc.	EXPEGR 2.2 29 15Mar31	US30212P8H73	SNRFOR
FOX	Fox Corporation	FOX 4.61 25 15Mar30	US331483B237	SNRFOR
FE	FirstEnergy Corp.	FE 2.65 01Mar30	US337832AL12	SNRFOR
FREPRN	Ford Motor Company	F 3.86 08Dec28	US34530C9R99	SNRFOR
GE	General Electric Company	FREPRN 4.01 5Sep27	US356710DQ24	SNRFOR
GIS	General Mills, Inc.	GE 6.75 15Mar32	US369626K286	SNRFOR
GENM	General Motors Company	GIS 4.5 29Mar33	US370342C790	SNRFOR
HAL	HALLIBURTON COMPANY	GENM 4.2 01Oct27	US370450AW41	SNRFOR
HCA	HCA Inc.	HAL 2.92 01Mar30	US406218BL45	SNRFOR
HON	Honeywell International Inc.	HCA 4.50 01Apr31	US404191C749	SNRFOR
HOSHT-HSTRES	Host Hotels & Resorts, L.P.	HON 5.7 15Mar28 BondCall	US438296BA73	SNRFOR
HPINC	HP Inc.	HOSHT-HSTRES 3.375 15Dec29	US441077AY29	SNRFOR
INTC	Intel Corporation	HPINC 3.17 01Jun27	US44344LAL68	SNRFOR
INTL	International Business Machines Corporation	INTC 2.45 15Nov29	US445406HD19	SNRFOR
IP	INTERNATIONAL PAPER COMPANY	INTL 3.5 15May29	US455000AA85	SNRFOR
JNJ	Johnson & Johnson	IP 5 15Sep28	US460116C037	SNRFOR
JOHCON	JOHNSON CONTROLS INTERNATIONAL PUBLIC LIMITED COMPANY	JNJ 2.9 15Jan28	US473190C081	SNRFOR
KMR	Kroger Markets, Inc.	JOHCON 7.5 15Sep30	US47837RAA88	SNRFOR
KRAFHEI	Kraft Heinz Foods Company	KMR 4.5 15Apr28	US495880A092	SNRFOR
LEN	Lerner Corporation	KRAFHEI 6.375 15Jul28	US423074AF08	SNRFOR
LEN	Lincoln National Corporation	LEN 4.5 01Jun27	US526057CD14	SNRFOR
LMT	Lockheed Martin Corporation	LEN 4.15 01Mar31	US534187BA60	SNRFOR
LOW	Loews Companies, Inc.	LMT 4.7 15Oct31	US538430C028	SNRFOR
MARAPET	Marathon Petroleum Corporation	LOW 3.75 01Mar32	US548881E162	SNRFOR
MCD	MCDONALD'S CORPORATION	MARAPET 4.1 25 15Dec28	US565848C053	SNRFOR
MCK	McKesson Corporation	MCD 3.5 01Jul27	US58013MPF41	SNRFOR
MET	Mettler, Inc.	MCK 7.85 01Mar27	US581557AM75	SNRFOR
MONDNT	Mondelēz International, Inc.	MET 5.5 15Nov29	US591889A826	SNRFOR
MOTSL	Motorola Solutions, Inc.	MONDNT 4.125 07May28	US609207AM78	SNRFOR
NET	Netflix, Inc.	MOTSL 3.2 15Nov30	US620076BT59	SNRFOR
NEWMOCO	Newmont Corporation	NET 4.8 015 15Jan30	US64110LAV60	SNRFOR
NXTENG	Nextera Energy Capital Holdings, Inc.	NEWMOCO 2.25 01Oct30	US651639AV25	SNRFOR
NORRM	Northern Petroleum Corporation	NXTENG 1.875 15Jan27	US653398Y155	SNRFOR
OXY	OCCIDENTAL PETROLEUM CORPORATION	NORRM 4.4 01Mar29	US666971E500	SNRFOR
ORP	Orion Group, Inc.	OXY 6.125 01Jan31	US674599EF81	SNRFOR
ORCL	Oracle Corporation	ORP 1.45 30Apr30	US687116B811	SNRFOR
OVINC	Ovintiv Inc.	ORCL 3.25 15Nov27	US688389BN45	SNRFOR
PFE	Pfizer Inc.	OVINC 8.125 15Sep30	US912873AH83	SNRFOR
PRU	Prudential Financial, Inc.	PFE 2.625 01Apr30	US171381V090	SNRFOR
PHMG	PulteGroup, Inc.	PRU 3.875 27Mar28	US174430C0278	SNRFOR
RCI	Royal Caribbean Cruises Incorporated	PHMG 7.875 15Jun32	US174687AM80	SNRFOR
RDN	Radian Group, Inc.	RCI 4.2 30Apr28	US17684LBA70	SNRFOR
RCL	ROYAL CARIBBEAN CRUISES LTD.	RDN 4.875 15Mar27	US176028AW18	SNRFOR
RXCOR	RXTE Corporation	RCL 3.7 15Mar28	US1780155AW20	SNRFOR
R	Ryder System, Inc.	RXCOR 3.125 04May27	US180110C863	SNRFOR
SEMPRAA	Sempra	R 5.25 01Jun28	US183358HW87	SNRFOR
SEMPRR	Sempra Property Group, L.P.	SEMPRAA 3.25 15Jun27	US186518AA63	SNRFOR
LUV	Southwest Airlines Co.	SEMPRR 2.95 15Jul30	US186801P020	SNRFOR
TGT	Target Corporation	LUV 5.125 15Jun27	US184471BK34	SNRFOR
TES	The AES Corporation	TGT 4.5 15Sep32	US187612EP07	SNRFOR
ALL	The Alstare Corporation	TES 0.125 15Apr31	US20130V0C80	SNRFOR
BA	THE BOKING COMPANY	ALL 1.45 15Dec30	US2020020B95	SNRFOR
CAMPB	The Campbell's Company	BA 5.15 01May30	US209232C198	SNRFOR
DOW	The Dow Chemical Company	CAMPB 4.15 15Mar28	US213428C035	SNRFOR
HD	The Home Depot, Inc.	DOW 3.375 01Nov29	US226543BL10	SNRFOR
KR	The Kroger Co.	HD 5.875 15Mar28 BondCall	US237076AS19	SNRFOR
PNC	The PNC Financial Services Group, Inc.	KR 4.5 15Jan29	US501044DL23	SNRFOR
PC	The Procter & Gamble Company	PNC 2.55 22Jun30	US5898475A20	SNRFOR
SHW	The Shaw-Williams Company	PC 3.5 29Mar30	US742178B171	SNRFOR
THWALT	The Wall Denary Company	SHW 2.95 15Aug29	US824348BL44	SNRFOR
WMB	THE WILLIAMS COS COMPANIES, INC.	THWALT 2.85 13Jan31	US254887F030	SNRFOR
TOL	Toll Brothers, Inc.	WMB 3.5 15Nov30	US2685787878	SNRFOR
TRP	TRANSCANADA PIPELINES LIMITED	TOL FinCorp 4.35 15Feb28	US8894FEAT73	SNRFOR
TRN	Tron Frnds, Inc.	TRP 3.625 01Mar34	US89322HMM10	SNRFOR
UNP	Union Pacific Corporation	TRN 1.55 02Apr27	US902494E262	SNRFOR
UPS	United Parcel Service, Inc.	UNP 6.625 01Feb29	US907818CF33	SNRFOR
UNH	UnitedHealth Group Incorporated	UPS 2.95 15Oct27	US911328A004	SNRFOR
VLC	Valero Energy Corporation	UNH 2.95 15Oct27	US91254P0507	SNRFOR
VRZ	Verizon Communications Inc.	VLC 8.75 15Jun30	US91913YAB85	SNRFOR
WALMART	WALMART INC.	VRZ 4.125 15Mar27	US923430VY74	SNRFOR
WY	Weyerhaeuser Company	WALMART 3.875 09Apr27	US931142Q046	SNRFOR
			US962166BR41	SNRFOR