

## CDX.NA.IG.44

Reference Obligations Being Replaced	8
Reference Entities Being Updated	1
New Reference Entity and Obligation Being Added	1
Unchanged Reference Entities and Obligations	115

## Removed Entities

APACHE CORPORATION
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## CDX.NA.IG.44

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	Instrument Name	ISIN	Tier
ALLYFI	Aly Financial Inc.	ALLYFI 5.8 01May25	US02005NBJ81	SNRFOR	ALLYFI 5.843 17Jan31	US02005NBW92	SNRFOR
CNATUR	CANADIAN NATURAL RESOURCES LIMITED	CNATUR 2.05 15Jul25	US136385A248	SNRFOR	CNATUR 2.95 15Jul25	US136385BA87	SNRFOR
DHR	Danaher Corporation	DHR 3.35 15Sep25	US233851AQ11	SNRFOR	DHR 4.375 15Sep25	US233851AK35	SNRFOR
EXPEGRO	Expedia Group, Inc.	EXPEGRO 6.25 01May25	US30212PAS48	SNRFOR	EXPEGRO (2) 2.55 15Mar31	US30212PBH73	SNRFOR
MOTSOL	Motorola Solutions, Inc.	MOTSOL 7.5 15May25	US620076AH21	SNRFOR	MOTSOL 2.3 15Nov30	US620076BT59	SNRFOR
NSC	NORFOLK SOUTHERN CORPORATION	NSC 3.65 01Aug25	US655844CA49	SNRFOR	NSC 5.05 01Aug30	US655844CR73	SNRFOR
PFE	Pfizer Inc.	PFE 4.28May25	US317081EX73	SNRFOR	PFE 2.625 01Apr30	US317081EW90	SNRFOR
BA	THE BOEING COMPANY	BA 2.6 30Oct25	US097023BP90	SNRFOR	BA 5.15 01May30	US097023CY98	SNRFOR

Reference Entities Being Updated: 1

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
CPB	CAMPBELL SOUP COMPANY	CPB 4.15 15Mar28	US134429BG35	SNRFOR	TCAMPB	The Campbell's Company	TCAMPB 4.15 15Mar28	US134429BG35	SNRFOR

New Reference Entity and Obligation Being Added: 1

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
APACOR	APA Corporation	APACOR 4.375 15Oct28	US03743QAD07	SNRFOR

Unchanged Reference Entities and Obligations: 115

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
AMD	ADVANCED MICRO DEVICES, INC.	AMD 2.125 01Sep26	US007903BD80	SNRFOR
MO	Motiva Group, Inc.	MO 2.625 16Sep26	US022096AU78	SNRFOR
AMZN	Amazon.com, Inc.	AMZN 1.65 12May28	US023135BY17	SNRFOR
AEP	AMERICAN ELECTRIC POWER COMPANY, INC.	AEP 3.75 13Nov27	US026537AJ38	SNRFOR
AXP	American Express Company	AXP 4.65 03May29	US026816CW76	SNRFOR
AIG	American International Group, Inc.	AIG 6.25 01May36 Struc	US026874AZ07	SNRFOR
AMGN	Amgen Inc.	AMGN 5.25 02Mar30	US031162DC06	SNRFOR
ARW	ARROW ELECTRONICS, INC.	ARW 7.5 15Jan27	US02735KAF67	SNRFOR
ATTINC	AT&T Inc.	ATTINC 3.8 15Feb27	US02026RHW51	SNRFOR
AZO	AutoZone, Inc.	AZO 3.125 21Apr26	US053332AT96	SNRFOR
AVT	Avnet, Inc.	AVT 3.15 15May31	US053807AU73	SNRFOR
ABX	BARRICK GOLD CORPORATION	ABX 5.8 15Nov34	US067901AA64	SNRFOR
BAX	Baxter International Inc.	BAX 2.8 15Aug29	US071813BG15	SNRFOR
BRK	Berkshire Hathaway Inc.	BRK 3.125 15Mar26	US084670BS67	SNRFOR
BBY	Best Buy Co., Inc.	BBY 4.45 01Oct28	US08652BA070	SNRFOR
HRB-Fic	Block Financial LLC	HRB-Fic 2.5 15Jul28	US093862AJ37	SNRFOR
BWA	BorgWarner Inc.	BWA 2.65 01Jun27	US089724AL02	SNRFOR
BSX	Boston Scientific Corporation	BSX 2.65 01Jun30	US101137BA41	SNRFOR
BMJ	Bristol-Myers Squibb Company	BMJ 6.8 15Nov26	US110122AB49	SNRFOR
BRQINC	Brookcom Inc.	BRQINC 4.15 15Apr29	US11135FBR10	SNRFOR
COF	Capital One Financial Corporation	COF 3.75 03May27	US140404RH44	SNRFOR
CAH	Cardinal Health, Inc.	CAH 3.41 15Jan27	US14149YB464	SNRFOR
CISCOY	Cisco Systems, Inc.	CISCOY 2.5 20Sep26	US17275RBL50	SNRFOR
CMCSA	Comcast Corporation	CMCSA 4.15 15Oct28	US20203NCT63	SNRFOR
CONA	Conagra Brands, Inc.	CONA 7.01 03Oct28	US0258774R36	SNRFOR
COX	Cox Communications, Inc.	COX-Comm 6.8 01Aug28	US224044AN72	SNRFOR
CSX	CSX Corporation	CSX 2.6 01Nov26	US126408HE65	SNRFOR
CVSHEA	CVS Health Corporation	CVSHEA 5.25 30Jan31	US126850DX53	SNRFOR
DHI	D.R. Horton, Inc.	DHI 1.4 15Oct27	US145331AF39	SNRFOR
DRI	Darden Restaurants, Inc.	DRI 3.85 01May27	US237194AL90	SNRFOR
DE	Deere & Company	DE 5.375 16Oct29	US244199BD66	SNRFOR
DELL	Dell Inc.	DELL 7.1 15Apr28	US247025AE93	SNRFOR
DAL	Delta Air Lines, Inc.	DAL 7.375 15Apr26	US247361ZZ42	SNRFOR
DVN	Devon Energy Corporation	DVN 7.95 15Apr32	US251799AA02	SNRFOR
DOMIN	Dominion Energy, Inc.	DOMIN 4.25 01Jun28	US25746UCY38	SNRFOR
DXC	DXC TECHNOLOGY COMPANY	DXC 1.8 15Sep26	US23255EAL09	SNRFOR
EMN	Eastman Chemical Company	EMN 7.0 01Feb27	US271433AQ23	SNRFOR
ENB	Enbridge Inc.	ENB 6.2 15Nov30	US29250NB04	SNRFOR
ENERTRAE	ENERGY TRANSFER LP	ENERTRAE 3.75 15May30	US29279NAQ60	SNRFOR
EXC	Exelon Corporation	EXC 3.4 15Apr26	US30161NAU54	SNRFOR
FDX	FDX Corporation	FDX 3.25 01Apr26	US314284BF24	SNRFOR
FE	FirstEnergy Corp.	FE 2.65 01Mar30	US337932AL12	SNRFOR
F	Ford Motor Company	F 4.346 08Dec26	US345370CR99	SNRFOR
FREEM	Freeport-McMoran Inc.	FREEM 5.01 51Sep27	US35671DCC74	SNRFOR
GE	General Electric Company	GE 6.75 15Mar32	US369623ZG26	SNRFOR
GIS	General Mills, Inc.	GIS 4.85 29Mar33	US370333CH70	SNRFOR
GENM	General Motors Company	GENM 4.2 01Oct27	US37045VAN01	SNRFOR
HAL	HALLIBURTON COMPANY	HAL 2.92 01Mar30	US406216BL45	SNRFOR
HCA	HCA Inc.	HCA 5.375 15Apr26	US404116BS74	SNRFOR
HESS	Hess Corporation	HESS 7.875 01Oct29	US303551AF16	SNRFOR
HON	Honeywell International Inc.	HON 5.7 15Mar36 BondCall	US438516AR73	SNRFOR
HOSHOT-HSTRES	Host Hotels & Resorts, LP	HOSHOT-HSTRES 3.375 15Dec29	US441071AY29	SNRFOR
HPINC	HP Inc.	HPINC 3.17 15Jun27	US44344AB18	SNRFOR
INTC	Intel Corporation	INTC 2.45 15Nov29	US459148BH07	SNRFOR
IBM	International Business Machines Corporation	IBM 3.5 15May29	US459200KA85	SNRFOR
IP	INTERNATIONAL PAPER COMPANY	IP 5.15 51Sep25	US460146CM37	SNRFOR
INJ	Johnson & Johnson	INJ 2.9 15Jan28	US478166CK81	SNRFOR
JOHCON	JOHNSON CONTROLS INTERNATIONAL PUBLIC LIMITED COMPANY	JOHCON 1.75 15Sep30	US493163AA46	SNRFOR
KINDERM	Kinder Morgan, Inc.	KINDERM 4.3 01Mar28	US494568AP67	SNRFOR
KRAFHEI	Kraft Heinz Foods Company	KRAFHEI 6.375 15Jul28	US423074AF08	SNRFOR
LEN	Lennox Corporation	LEN (4) 4.75 29Nov27	US526057CD41	SNRFOR
LNC	Lincoln National Corporation	LNC 3.4 15Jan31	US534187BK40	SNRFOR
LMT	Lockheed Martin Corporation	LMT 3.55 15Jan26	US539830BH11	SNRFOR
LTR	Lowe's Corporation	LTR 6.01 15Feb35	US540424AP38	SNRFOR
LOW	Lowe's Companies, Inc.	LOW 2.5 15Apr26	US549861DM66	SNRFOR
MDC	M.D.C. Holdings, Inc.	MDC 3.65 01Apr30	US550287AT19	SNRFOR
MARAPET	Marathon Petroleum Corporation	MARAPET (4) 5.125 15Dec26	US56585ABC53	SNRFOR
MCD	MCDONALD'S CORPORATION	MCD 3.5 01Jul27	US58013MFP41	SNRFOR
MCK	McKesson Corporation	MCK 7.65 01Nov27	US581557AM75	SNRFOR
MET	MetLife, Inc.	MET 1.35 15Nov26	US591568BR02	SNRFOR
MONDINT	Mondelēz International, Inc.	MONDINT 4.125 07May28	US609207AM78	SNRFOR
NRUC	National Rural Utilities Cooperative Finance Corporation	NRUC 8.01 15Mar32	US637432CT02	SNRFOR
NFLX	Netflix, Inc.	NFLX 4.875 15Jun30	US64110LAV80	SNRFOR
NEWMCO	Newmont Corporation	NEWMCO 2.25 01Oct30	US651630AS19	SNRFOR
NXTENG	NextEra Energy Capital Holdings, Inc.	NXTENG 1.875 15Jan27	US65339KBV55	SNRFOR
NORGRM	Northrop Grumman Corporation	NORGRM 4.4 01May30	US666807B500	SNRFOR
OXY	OCCIDENTAL PETROLEUM CORPORATION	OXY 5.55 15Apr26	US674599DC69	SNRFOR
OMC	Omnicom Group Inc.	OMC 2.45 30Apr30	US681919BE11	SNRFOR
ORCL	Oracle Corporation	ORCL 3.25 15Nov27	US68389XB49	SNRFOR
OVINC	Ovintiv Inc.	OVINC 8.125 15Sep30	US012873AH83	SNRFOR
PACKAM	Packaging Corporation of America	PACKAM 3.15 15Dec29	US695156AA37	SNRFOR
PARANGL	Paramount Global	PARANGL 4.2 01Jun29	US124857AZ68	SNRFOR
PRU	Prudential Financial, Inc.	PRU 3.875 27Mar28	US744320CC78	SNRFOR
PHMG	Putnam Group, Inc.	PHMG 7.875 15Jun32	US74867AM30	SNRFOR
DXG	Quest Diagnostics Incorporated	DXG 4.2 30Jun29	US74834BA70	SNRFOR
RDN	Radian Group Inc.	RDN 4.875 15Mar27	US750238AV16	SNRFOR
RTXCOR	RTX Corporation	RTXCOR 3.125 04May27	US913017CR85	SNRFOR
R	Ryder System, Inc.	R 5.25 01Jun28	US783555HW87	SNRFOR
SEMPRAAA	Sempra	SEMPRAAA 3.25 15Jun27	US816851BA63	SNRFOR
SPGLP	Simon Property Group, LP	SPGLP 2.65 15Jul30	US828807DK02	SNRFOR
LUV	Southwest Airlines Co.	LUV 5.125 15Jun27	US844741BK34	SNRFOR
DT-TMobileUS	T-Mobile USA, Inc.	DT-TMobileUS 4.75 01Feb28	US87264AAV70	SNRFOR
TGT	Target Corporation	TGT 2.5 15Apr26	US87612EBE59	SNRFOR
TECKRS	Teck Resources Limited	TECKRS 6.125 01Oct35 BondCall	US878742AE55	SNRFOR
AES	The AES Corporation	AES (4) 1.375 15Jan26	US00130HCE36	SNRFOR
ALL	The Allstate Corporation	ALL 1.45 15Dec30	US020002BJ85	SNRFOR
DOW	The Dow Chemical Company	DOW 7.375 01Nov29	US260543BJ10	SNRFOR
HD	The Home Depot, Inc.	HD 5.875 16Dec36 BondCall	US437076AS19	SNRFOR
KR	THE KROGER CO.	KR 4.5 15Jan29	US31044DL23	SNRFOR
PG	The Procter & Gamble Company	PG 3.25 15Mar30	US742718FH71	SNRFOR
SHW	The Sherwin-Williams Company	SHW 2.95 15Aug29	US824348BJ44	SNRFOR
SO	THE SOUTHERN COMPANY	SO 3.25 01Jul26	US844287CV72	SNRFOR
THWALT	The Walt Disney Company	THWALT 2.55 13Jan31	US254817FX90	SNRFOR
WMB	THE WILLIAMS COMPANIES, INC.	WMB 3.5 15Nov30	US969457BX79	SNRFOR
TOL	Toll Brothers, Inc.	TOL-FinCorp 4.35 15Feb28	US88947EA173	SNRFOR
TRP	TRANSCANADA PIPELINES LIMITED	TRP 4.875 15Jan26	US893524AT68	SNRFOR
TSN	Tyson Foods, Inc.	TSN 3.65 01Jun27	US902484BR02	SNRFOR
UNP	Union Pacific Corporation	UNP 6.625 01Feb29	US907818CF33	SNRFOR
UPS	United Parcel Service, Inc.	UPS-America 8.375 01Apr30	US911308AB04	SNRFOR
UNH	UnitedHealth Group Incorporated	UNH 2.95 15Oct27	US91324PDE97	SNRFOR
VLO	Valero Energy Corporation	VLO 8.75 15Jul30	US919129AY85	SNRFOR
VRZN	Verizon Communications Inc.	VRZN 4.125 16Mar27	US92343VDY74	SNRFOR
WALMNC	WALMART INC.	WALMNC 5.875 05Apr27	US931142CH46	SNRFOR
WY	Weyerhaeuser Company	WY (5) 7.375 15Mar32	US962168BR41	SNRFOR
WHR	Whirlpool Corporation	WHR 4.75 28Feb29	US963320AW61	SNRFOR