IHS Markit

CDX.NA.IG.35	
Reference Obligations Being Replaced	12
Reference Entities Being Updated	0
New Reference Entity and Obligation Being Added	8
Unchanged Reference Entities and Obligations	105

Removed Entities
APACHE CORPORATION
CARNIVAL CORPORATION
Ford Motor Company
Macy's, Inc.
Nordstrom, Inc.
OCCIDENTAL PETROLEUM CORPORATION
ROYAL CARIBBEAN CRUISES LTD.
Raytheon Company

CDX.NA.IG.35

Reference Obligations Being Replaced: 12

Reference obligations for the index constituents listed below are no longer suitable for inclusion.
Replacement reference obligations have been sourced and are listed.

Currently in Index					Expected replacements		
IHS Markit Ticker	Reference Entity	Instrument Name	ISIN	Tier	Instrument Name	ISIN	Tier
BBY	Best Buy Co., Inc.	BBY 5.5 15Mar21	US086516AL50	SNRFOR	BBY 4.45 01Oct28	US08652BAA70	SNRFOR
CAH	Cardinal Health, Inc.	CAH 4.625 15Dec20	US14149YAT55	SNRFOR	CAH 3.41 15Jun27	US14149YBJ64	SNRFOR
DD	E. I. du Pont de Nemours and Company	DD 2.8 15Feb23	US263534CK37	SNRFOR	DD 1.7 15Jul25	US263534CN75	SNRFOR
EXC	Exelon Corporation	EXC 5.15 01Dec20	US210371AL43	SNRFOR	EXC 3.4 15Apr26	US30161NAU54	SNRFOR
HAL	HALLIBURTON COMPANY	HAL-EnSvcs 8.75 15Feb21	US406216AH42	SNRFOR	HAL 2.92 01Mar30	US406216BL45	SNRFOR
HOSHOT-HSTRES	Host Hotels & Resorts, L.P.	HOSHOT-HSTRES 4.75 01Mar23	US44107TAT34	SNRFOR	HOSHOT-HSTRES 3.875 01Apr24	US44107TAX46	SNRFOR
AIG-IntLeaseFin	INTERNATIONAL LEASE FINANCE CORPORATION	AIG-IntLeaseFin 8.25 15Dec20	US459745GF62	SNRFOR	AIG-IntLeaseFin 5.875 15Aug22	US459745GN96	SNRFOR
IP	INTERNATIONAL PAPER COMPANY	IP 7.5 15Aug21 Struc	US460146CE11	SNRFOR	IP 3.15Feb27	US460146CP67	SNRFOR
JNJ	Johnson & Johnson	JNJ 1.65 01Mar21	US478160BS27	SNRFOR	JNJ 2.05 01Mar23	US478160BT00	SNRFOR
MCD	McDONALD'S CORPORATION	MCD 2.75 09Dec20	US58013MEX83	SNRFOR	MCD 3.5 01Jul27	US58013MFP41	SNRFOR
LUV	Southwest Airlines Co.	LUV 2.65 05Nov20	US844741BB35	SNRFOR	LUV 5.125 15Jun27	US844741BK34	SNRFOR
VIACINC	ViacomCBS Inc.	VIACINC 4.3 15Feb21	US124857AE30	SNRFOR	VIACINC 4.75 15May25	US92556HAA59	SNRFOR

Reference Entities Being Updated:

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

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

New Reference Entity and Obligation Being Added: 7

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

New Entrant				
IHS Markit Ticker	Reference Entity	Instrument Name	ISIN	Tier
BWA	BorgWarner Inc.	BWA 3.375 15Mar25	US099724AJ55	SNRFOR
CIGNCOR	Cigna Corporation	CIGNCOR 2.4 15Mar30	US125523CL22	SNRFOR
DHR	Danaher Corporation	DHR 3.35 15Sep25	US235851AQ51	SNRFOR
FDX	FedEx Corporation	FDX 3.25 01Apr26	US31428XBF24	SNRFOR
ORCLE	Oracle Corporation	ORCLE 3.25 15Nov27	US68389XBN49	SNRFOR
PXD	Pioneer Natural Resources Company	PXD 4.45 15Jan26	US723787AM91	SNRFOR
TRP	TRANSCANADA PIPELINES LIMITED	TRP 4.875 15Jan26	US89352HAT68	SNRFOR
RAYTHTE	Raytheon Technologies Corporation	RAYTHTE 3.125 04May27	US913017CR85	SNRFOR

Unchanged Reference Entities and Obligations: 105

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

Currently in Index				
IHS Markit Ticker	Reference Entity	Instrument Name	ISIN	Tier
ALLYFI	Ally Financial Inc.	ALLYFI 4.125 13Feb22	US02005NAY67	SNRFOR
MO	Altria Group, Inc.	MO 4.75 05May21	US02209SAL79	SNRFOR
AEP	AMERICAN ELECTRIC POWER COMPANY, INC.	AEP 2.95 15Dec22	US025537AG98	SNRFOR
AXP	American Express Company	AXP (4) 2.65 02Dec22	US025816BD05	SNRFOR
AIG	American International Group, Inc.	AIG 6.25 01May36 Struc	US026874AZ07	SNRFOR
AMGN	Amgen Inc.	AMGN 3.625 22May24	US031162BV19	SNRFOR
ARW	ARROW ELECTRONICS, INC.	ARW 3.5 01Apr22	US042735BD16	SNRFOR
DEXBB-AGM	ASSURED GUARANTY MUNICIPAL CORP.			
ATTINC	AT&T Inc.	ATTINC 3.8 15Feb27	US00206RHW51	SNRFOR
AZO	AutoZone, Inc.	AZO 2.5 15Apr21	US053332AS14	SNRFOR
AVT	Avnet, Inc.	AVT 4.875 01Dec22	US053807AR45	SNRFOR
ABX	BARRICK GOLD CORPORATION	ABX 5.8 15Nov34	US067901AA64	SNRFOR
BAX	Baxter International Inc.	BAX 1.7 15Aug21	US071813BR97	SNRFOR
BRK	Berkshire Hathaway Inc.	BRK 2.75 15Mar23	US084670BR84	SNRFOR
HRB-FIIc	Block Financial LLC	HRB-FIIc 5.5 01Nov22 Struc	US093662AE40	SNRFOR
BSX	Boston Scientific Corporation	BSX 3.45 01Mar24	US101137AV96	SNRFOR
BMY	Bristol-Myers Squibb Company	BMY 6.8 15Nov26	US110122AB49	SNRFOR
CPB	CAMPBELL SOUP COMPANY	CPB 4.15 15Mar28	US134429BG35	SNRFOR
CNATUR	CANADIAN NATURAL RESOURCES LIMITED	CNATUR 3.45 15Nov21	US136385AR22	SNRFOR
COF-BNKNA	Capital One Bank (USA), National Association	COF-BNKNA 2.28 28Jan26	US14042TCT25	SNRFOR
CAT	Caterpillar Inc.	CAT 3.9 27May21	US149123BV25	SNRFOR
CHUBLIM	Chubb Limited	CHUBINA 8.875 15Aug29	US00440EAC12	SNRFOR
CSCO	Cisco Systems, Inc.	CSCO 3.625 04Mar24	US17275RAN26	SNRFOR
CMCSA	Comcast Corporation	CMCSA 3.7 15Apr24	US20030NCR08	SNRFOR
CONABRA	Conagra Brands, Inc.	CONABRA 7.0 15Oct28	US205887AR36	SNRFOR
COP	ConocoPhillips	COP (3) 5.9 15Oct32	US20825CAF14	SNRFOR
COX-CommInc	Cox Communications, Inc.	COX-CommInc 6.8 01Aug28	US224044AN72	SNRFOR
CSX	CSX Corporation	CSX 3.7 01Nov23	US126408GZ04	SNRFOR
CVSHEA	CVS Health Corporation	CVSHEA 2.125 01Jun21	US126650CT50	SNRFOR
DHI	D.R. Horton, Inc.	DHI 4.75 15Feb23	US23331ABG31	SNRFOR
DRI	Darden Restaurants, Inc.	DRI 3.85 01May27	US237194AL90	SNRFOR
DE	Deere & Company	DE 2.6 08Jun22	US244199BE40	SNRFOR
DVN	Devon Energy Corporation	DVN 7.95 15Apr32	US251799AA02	SNRFOR
DOMINEN	Dominion Energy, Inc.	DOMINEN 2.75 15Jan22	US25746UCR86	SNRFOR
DOMC	Domtar Corporation	DOMC 4.4 01Apr22	US257559AH77	SNRFOR
DUKECO	Duke Energy Carolinas, LLC	DUKECO 6.1 01Jun37	US26442CAA27	SNRFOR
DXCTEC	DXC TECHNOLOGY COMPANY	DXCTEC 4.45 18Sep22	US23355LAA44	SNRFOR
EMN	Eastman Chemical Company	EMN 7.6 01Feb27	US277432AD23	SNRFOR
ENB	Enbridge Inc.	ENB 3.5 10Jun24	US29250NAH89	SNRFOR
ENERTRAD	ENERGY TRANSFER OPERATING, L.P.	ENERTRAD 5.875 15Jan24	US29278NAM56	SNRFOR
EQR-ERPOperLP	ERP Operating Limited Partnership	EQR-ERPOperLP 4.625 15Dec21	US26884AAZ66	SNRFOR
EXPEGRO	Expedia Group, Inc.	EXPEGRO 4.5 15Aug24	US30212PAJ49	SNRFOR
FE	FirstEnergy Corp.	FE 7.375 15Nov31	US337932AC13	SNRFOR
FISV	Fiserv, Inc.	FISV 3.8 01Oct23	US337738AQ13	SNRFOR
GE	General Electric Company	GE 2.7 09Oct22	US369604BD45	SNRFOR
GIS	General Mills, Inc.	GIS 3.15 15Dec21	US370334BM56	SNRFOR
GENMC	General Motors Company	GENMC (2) 4.875 02Oct23	US37045VAE02	SNRFOR
HESS	Hess Corporation	HESS 3.5 15Jul24	US42809HAF47	SNRFOR
HON	Honeywell International Inc.	HON 5.7 15Mar36 BondCall	US438516AR73	SNRFOR
HPINCAA	HP Inc.	HPINCAA 4.65 09Dec21	US428236BV43	SNRFOR
IR-NJ	Ingersoll-Rand Company	IR-NJ 9 15Aug21	US456866AG74	SNRFOR
IBM	International Business Machines Corporation	IBM 3.625 12Feb24	US459200HU86	SNRFOR
JOHCON	JOHNSON CONTROLS INTERNATIONAL PUBLIC LIMITED COMPANY	JOHCON 3.625 02Jul24	US478375AG31	SNRFOR
KINDERM	Kinder Morgan, Inc.	KINDERM 4.3 01Mar28	US49456BAP67	SNRFOR
KSS	Kohl's Corporation	KSS 4.25 17Jul25	US500255AU88	SNRFOR
LNC	Lincoln National Corporation	LNC 3.35 09Mar25	US534187BE89	SNRFOR
LMT	Lockheed Martin Corporation	LMT 3.55 15Jan26	US539830BH11	SNRFOR
LTR	Loews Corporation	LTR 6 01Feb35	US540424AP38	SNRFOR
LOW	Lowe's Companies, Inc.	LOW 3.12 15Apr22	US548661CW57	SNRFOR
MARAPET	Marathon Petroleum Corporation	MARAPET 3.625 15Sep24	US56585AAG76	SNRFOR
MAR	MARRIOTT INTERNATIONAL, INC.	MAR 2.3 15Jan22	US571903AR49	SNRFOR
MMC	MARSH & McLENNAN COMPANIES, INC.	MMC 5.875 01Aug33	US571748AK86	SNRFOR
MCK	McKesson Corporation	MCK 7.65 01Mar27	US581557AM75	SNRFOR
MET	MetLife, Inc.	MET 3.6 13Nov25	US59156RBQ02	SNRFOR
MONDINT	Mondelez International, Inc.	MONDINT 4 01Feb24	US609207AB14	SNRFOR
MOTSOL	Motorola Solutions, Inc.	MOTSOL 7.5 15May25	US620076AH21	SNRFOR
NRUC	National Rural Utilities Cooperative Finance Corporation	NRUC 8 01Mar32	US637432CT02	SNRFOR
NEWMOCO	Newmont Corporation	NEWMOCO 3.5 15Mar22	US651639AN69	SNRFOR
NXTENG	NextEra Energy Capital Holdings, Inc.	NXTENG 3.625 15Jun23	US65339KAG58	SNRFOR
NSC	NORFOLK SOUTHERN CORPORATION	NSC 3.25 01Dec21	US655844BG28	SNRFOR
NORGRM	Northrop Grumman Corporation	NOC-SysCorp (3) 7.75 15Feb31	US666807AW21	SNRFOR
OMC	Omnicom Group Inc.	OMC 3.65 01Nov24	US681919BA38	SNRFOR
OVNINC	Ovintiv Inc.	OVNINC 3.9 15Nov21	US292505AJ36	SNRFOR
PACKAM	Packaging Corporation of America	PACKAM 3 15Dec29	US695156AU37	SNRFOR
PFE	Pfizer Inc.	PFE 2.2 15Dec21	US717081DZ31	SNRFOR
PRU	Prudential Financial, Inc.	PRU 3.5 15May24	US74432QBZ72	SNRFOR
DGX	Quest Diagnostics Incorporated	DGX 4.2 30Jun29	US74834LBA70	SNRFOR
RAI	Reynolds American Inc.	RAI 4.85 15Sep23	US761713AY21	SNRFOR
R	Ryder System, Inc.	R 3.875 01Dec23	US78355HKK40	SNRFOR
SRE	Sempra Energy	SRE 4.05 01Dec23	US816851AU37	SNRFOR
SPG-LP	Simon Property Group, L.P.	SPG-LP 2.75 01Jun23	US828807DD68	SNRFOR
TGT	Target Corporation	TGT 2.5 15Apr26	US87612EBE59	SNRFOR
TECKRS	Teck Resources Limited	TECKRS 6.125 01Oct35 BondCall	US878742AE55	SNRFOR
ALL	The Allstate Corporation	ALL 3.15 15Jun23	US020002AZ47	SNRFOR
BA	THE BOEING COMPANY	BA 8.75 15Aug21	US097023AD79	SNRFOR
DOW	The Dow Chemical Company	DOW 7.375 01Nov29	US260543BJ10	SNRFOR
HIG	THE HARTFORD FINANCIAL SERVICES GROUP, INC.	HIG 2.8 19Aug29	US416515BE33	SNRFOR
HD	The Home Depot, Inc.	HD 5.875 16Dec36 BondCall	US437076AS19	SNRFOR
KR	THE KROGER CO.	KR 4.5 15Jan29	US501044DL23	SNRFOR
PG	The Procter & Gamble Company	PG 3.1 15Aug23	US742718EB11	SNRFOR
SHW	The Sherwin-Williams Company	SHW 7.375 01Feb27	US824348AL09	SNRFOR
SO	THE SOUTHERN COMPANY	SO 3.25 01Jul26	US842587CV72	SNRFOR
THWALT	The Walt Disney Company	THWALT (2) 3.7 15Sep24	US254687CZ75	SNRFOR
WMB	THE WILLIAMS COMPANIES, INC.	WMB 4.55 24Jun24	US969457BW96	SNRFOR
TSN	Tyson Foods, Inc.	TSN 4.5 15Jun22	US902494AT07	SNRFOR
UNP	Union Pacific Corporation	UNP 6.625 01Feb29	US907818CF33	SNRFOR
UPS	United Parcel Service, Inc.	UPS-Americalnc 8.375 01Apr30	US911308AB04	SNRFOR
UNH	UnitedHealth Group Incorporated	UNH 3.35 15Jul22	US91324PCN06	SNRFOR
VLOC	Valero Energy Corporation	VLOC 8.75 15Jun30	US91913YAB65	SNRFOR
VRZN	Verizon Communications Inc.	VRZN 4.125 16Mar27	US92343VDY74	SNRFOR
WALMINC	WALMART INC.	WALMINC 5.875 05Apr27	US931142CH46	SNRFOR
WESTMWV	WestRock MWV, LLC	WESTMWV 7.95 15Feb31	US961548AY02	SNRFOR
WY	Weyerhaeuser Company	WY 7.125 15Jul23	US962166AS33	SNRFOR
WHR	Whirlpool Corporation	WHR 4.85 15Jun21	US96332HCD98	SNRFOR
XLITLTD	XLIT Ltd.	XLITLTD 5.25 15Dec43	US98420EAB11	SNRFOR