markit

**MCDX.NA.25-V1**

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|---|---|
| Reference Obligations Being Replaced | 5 |
| Reference Entities Being Updated | 0 |
| New Reference Entity and Obligation Being Added | 0 |
| Unchanged Reference Entities and Obligations | 45 |

| Removed Entities |
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## Reference Obligations Being Replaced:

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

| | | | | Expected replacements | | |
|---|---|---|---|---|---|---|
| **Name** | **Instrument Name** | **ISIN** | **Tier** | **Instrument Name** | **ISIN** | **Tier** |
| Bay Area Toll Authority | TBYA .05 01Apr31 BondCall | US072024DJ80 | LIEN1 | TBYA 1.875 01Apr47 | US072024TN29 | LIEN1 |
| Commonwealth of Pennsylvania | PNNSY .05 01Jan18 BondCall | US7091413L71 | | PNNSY 5.35 01May30 | US70914PNE87 | |
| Metropolitan Transportation Authority | MTA .05 15Nov35 BondCall | US59259RB608 | LIEN1 | MTA Frn 15Nov39 | US59259Y4J57 | LIEN1 |
| State of South Carolina | STCARO 4 01Nov17 | US83710DTL28 | | STCARO 2 01Apr24 | US83710DY446 | |

## Reference Entities Being Updated:

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

| | | | | Expected replacements | | | | |
|---|---|---|---|---|---|---|---|---|
| **Name** | **Instrument Name** | **ISIN** | **Tier** | **New Markit ticker** | **New Markit Name** | **Instrument Name** | **ISIN** | **Tier** |
| | | | | | | | | |

## New Reference Entity and Obligation Being Added:

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

| **Name** | **Instrument Name** | **ISIN** | **Tier** |
|---|---|---|---|
| | | | |

## Unchanged Reference Entities and Obligations:

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

| **Markit Name** | **Instrument Name** | **ISIN** | **Tier** |
|---|---|---|---|
| Arizona Transportation Board | ASTBH .05 01Jul19 BondCall | US040654PR07 | LIEN1 |
| Board of Regents of The University of Texas System | UVTX .05 15Aug37 BondCall | US915137ZY22 | LIEN1 |
| City of Chicago | CHGO 5 01Jan40 | US167486NG07 | |
| City of Columbus, Ohio | COLOH .05 01Jun31 BondCall | US199561FS53 | LIEN1 |
| City of Los Angeles | CLAG .05 01Sep24 | US544351HN24 | |
| City of Phoenix, Arizona | CPX .05 01Jul18 | US718814XQ48 | |
| City of San Antonio, Texas | SATEX 5.25 01Feb20 | US796253R616 | LIEN1 |
| Clark County School District, Nevada | CCN .05 15Jun26 BondCall | US181059MU73 | |
| Department of Water and Power of the City of Los Angeles | LADWS 5 01Jul41 | US544525PS12 | LIEN1 |
| Energy Northwest | ENW .05 01Jul17 BondCall | US29270CRC19 | LIEN2 |
| Intermountain Power Agency | INTPWR 5 01Jul22 | US45884AZE62 | LIEN2 |
| Long Island Power Authority | LSLPWR .05 01Dec35 BondCall | US542690YC04 | LIEN1 |
| Los Angeles Unified School District | LAUSD 6.758 01Jul34 | US544646ZR64 | |
| Massachusetts Bay Transportation Authority | MASSB .0525 01Jul34 BondCall | US575579QF72 | LIEN1 |
| Missouri Highways and Transportation Commission | MSH .05 01May16 | US60636WKQ77 | LIEN2 |
| New York City Municipal Water Finance Authority | NYWTR .05 15Jun38 BondCall | US64972FRA65 | LIEN1 |
| New York City Transitional Finance Authority | TFA .05 01Nov30 | US64971K4Q68 | LIEN1 |
| North Carolina Eastern Municipal Power Agency | NCEMPA 5.5 01Jan26 | US658196Z294 | LIEN1 |
| North Texas Tollway Authority | NTH 5 01Jan29 | US66285WKY11 | |
| Salt River Project Agricultural Improvement and Power District | SRPAP .05 01Jan38 | US79575DXF22 | LIEN1 |
| State of California | CU 6 01Apr38 | US13063A4Y75 | |
| State of Connecticut | CNNCT .04 01May17 | US20772GWQ71 | |
| State of Florida | FLRDA 5.8 01Jun39 | US341426G249 | |
| State of Florida Department of Transportation | FDOT .05 01Jul21 BondCall | US343136E601 | LIEN1 |
| State of Hawaii | HAWAI 5.53 01Feb30 | US419791YX08 | |
| State of Illinois | ILNOIS 5 01Jun29 BondCall | US452151ZZ91 | |
| State of Maryland | MARYLD .0525 01Mar18 | US574192UU28 | |
| State of Michigan | STMICH 5 01May19 BondCall | US5946102H96 | |
| State of Minnesota | MNSOTA .05 01Aug17 | US604129EG78 | |
| State of Mississippi | MSSPP .0475 01Dec27 | US605580Q284 | |
| State of Nevada | NVADA 5 01Jun27 | US641461JG48 | |
| State of New Jersey | NWJRSY .0525 01Jul19 | US646039BC00 | |

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|---|---|---|---|
| State of New York | NY 5 15Feb39 | US6497878K70 | |
| State of North Carolina | NRCARO .05 01Mar20 BondCall | US658256YF35 | |
| State of Ohio | OHIO .05 01Sep20 BondCall | US677520XZ65 | |
| State of Texas | TEXAS 6.072 01Oct29 | US882722KD27 | |
| State of Washington | WSHGTN .05 01Jan28 BondCall | US93974B2W11 | |
| State of Wisconsin | WISCON 5 01May32 | US97705LA989 | |
| Texas Transportation Commission | TTCS .045 01Apr16 | US88283LCL80 | LIEN1 |
| The City of New York | APPLE .05 01Jan17 | US64966F7T54 | |
| The City of Philadelphia, Pennsylvania | CITYOFBJ 6.5 01Aug41 | US717813MK24 | |
| The Commonwealth of Massachusetts | MASSHT .05 01Nov16 | US57582PEK21 | |
| The Metropolitan Water District of Southern California | MWA .05 01Jul37 | US5926634F22 | LIEN1 |
| The New Jersey Transportation Trust Fund Authority | TTFA .0575 15Jun20 BondCall | US646135RC96 | LIEN1 |
| The Port Authority of New York and New Jersey | PANYNJ 4.458 01Oct62 | US73358WJA36 | LIEN1 |
| Triborough Bridge and Tunnel Authority | TBTA .05 15Nov37 BondCall | US89602NMT80 | LIEN1 |