



## ***ABRIDGED VERSION\****

### ***U.S. GAAP Financial Reporting Taxonomy***

# **Release Notes**

**Version 2017**

This version of the Release Notes accompanies the formal release of the 2017 U.S. GAAP Financial Reporting Taxonomy (Taxonomy) by the Financial Accounting Standards Board (FASB).

**\*THIS IS AN ABRIDGED VERSION OF THE RELEASE NOTES EXCLUDING THE APPENDICES. A VERSION INCLUDING THE APPENDICES OR A SEPARATE EXCEL FILE WITH THE APPENDICES IS AVAILABLE ONLINE AT [WWW.FASB.ORG](http://WWW.FASB.ORG).**

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Financial Accounting Standards Board

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## Notice to Reader

This version of the release notes contains revisions that were not included in the version issued in December. The following changes were made to the U.S. GAAP Financial Reporting Taxonomy after December:

<u>Standard Label</u>	<u>Element Name</u>	<u>Change</u>
Proceeds from Equity Method Investment, Distribution	EquityMethodInvestmentDividendsOrDistributions	Documentation Label Change to: Amount of distribution received from equity method investee for return on investment, classified as operating activities. Excludes distribution for return of investment, classified as investing activities.
Proceeds from Equity Method Investment, Distribution, Return of Capital	ProceedsFromEquityMethodInvestmentDividendsOrDistributionsReturnOfCapital	Documentation Label Change to: Amount of distribution received from equity method investee for return of investment, classified as investing activities. Excludes distribution for return on investment, classified as operating activities.

## Summary

The Financial Accounting Foundation (FAF) and the Financial Accounting Standards Board (FASB) are responsible for the ongoing development and maintenance of the U.S. GAAP Financial Reporting Taxonomy (Taxonomy). As part of the ongoing development and maintenance of the Taxonomy, the Development Taxonomy is available for comment throughout the year. Additionally, the FASB publishes an annual release of the Taxonomy to address new reporting requirements.

The 2017 Taxonomy is named “U.S. GAAP (2017-01-31)” on the FASB Taxonomy Online Review and Comment System. The 2017 Taxonomy is released for public use pending final acceptance by the U.S. Securities and Exchange Commission (SEC) and is expected to be accepted for use by the SEC in early 2017.

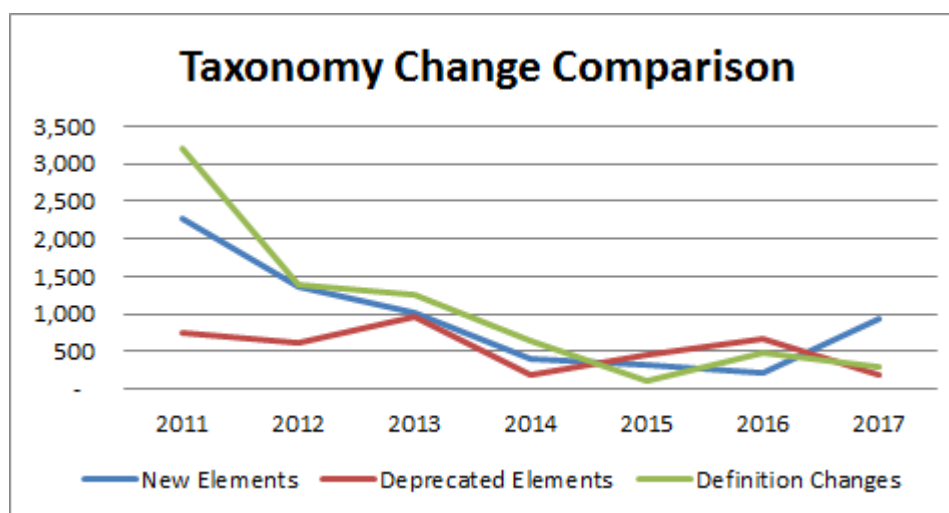
These release notes describe changes from the 2016 Taxonomy that were made to address Accounting Standards Updates; common reporting practices; projects designed to improve the utility of the Taxonomy, such as the Taxonomy Topical Project for Retirement Benefits; and recommendations from the banking, financial services, and insurance industries. These projects are designed to reduce inconsistencies in application and enhance the intended use of the elements while minimizing the effect on instance documents prepared using previous versions of the Taxonomy and the effect on users and systems that consume these instance documents. In addition to these release notes detailing the changes, other information that may assist in use of the Taxonomy include the [Taxonomy Implementation Guides](#) available from the FASB website.

For those elements that were unchanged from the 2016 Taxonomy, the element names are identical so as not to adversely affect year-to-year comparability and to facilitate conversion of filings to the 2017 Taxonomy. However, there are changes described in this document that will need to be considered, including elements that have been added and elements deprecated from the 2016 Taxonomy. Additionally, the 2017 Taxonomy has a different namespace (<http://fasb.org/us-gaap/2017-01-31>); therefore, preparers rolling filings forward to use the 2017 Taxonomy must update those filings for the new namespace.

A complete list of all proposed changes from the 2016 Taxonomy, necessary to complete the 2017 Taxonomy, is included in the appendixes hereto and has been posted on the FASB [website](#). In addition, for convenience of use and analyses, the listing of changes also has been posted in a worksheet format. The [FASB Extension Taxonomy Change Application \(TC App\)](#), also available on the FASB website, has been updated to include the 2017 Taxonomy. The TC App helps users quickly identify element changes in an existing XBRL extension taxonomy resulting from a new Taxonomy update.

## Summary of Major Changes

The 2017 Taxonomy has been revised for changes in generally accepted accounting principles (GAAP), from work with the Insurance and Financial Services Industry Resource Groups, from the Taxonomy Topical Project, and from employment of certain modeling to improve usability by simplifying the structure, which are all more fully described in these release notes.



The changes made in the 2011–2013 releases were significantly influenced by research of how filers were using the Taxonomy as they phased in the SEC Interactive Data Program. Additionally, there were significant Accounting Standards Updates (ASU) during this 2011–2013 period that had to be addressed. For the 2014 and 2015 releases, changes were minimized because the emphasis was on stability. The 2016 releases included additional deprecations identified as part of the Taxonomy Simplification Project to remove unused or low-use elements.

For the 2017 Taxonomy, stability continues as a critical consideration with simplification efforts focused on structural design changes and topical project reviews to improve usability. There are new elements to accommodate significant ASUs and the first phase of the project to simplify the retirement benefits topic led to targeted changes. See [Taxonomy Topical Project](#) and [ASU Changes](#) for additional information. [Taxonomy Implementation Guides](#) for the ASUs for Revenue and Leases and the Topical Project for Retirement Benefits have been issued to assist with the changes.

Changes were made after the 2017 Taxonomy was issued for public comment in September. These were mainly for additional elements from ASUs, changes based on feedback received and the reference project. These can be identified by the date of change contained in the change label. See [ASU Changes](#), [Taxonomy Design Changes](#), and [Change to Codification References](#) sections below for further

details. Comments received during the comment period and throughout the year are evaluated for disposition and are generally addressed by:

- Updating the current Taxonomy:
  - Comments about items that are considered technical corrections, such as when an element is modeled incorrectly or there is a requirement that is not provided for, are addressed in the current Taxonomy.
- Retaining for topical or project review:
  - Comments about a topical area are combined and assessed in their entirety to lessen the effect to providers and consumers of the data. This offers better stability and less risk of unintended consequences of one-off changes. These comments will be considered as the topical areas are addressed, whether in the current or subsequent periods.
- Archiving without change:
  - Comments may be archived without change if they are not deemed an error, not deemed an improvement to the Taxonomy, or are duplicative to another comment.
- Rejecting:
  - Comments may be rejected about items that are not substantive, such as misspellings in element names (see [FAQ](#) in the Taxonomy section on the FASB website).

## ASU Changes

The following provides a list of ASUs as of the release date of the 2017 Taxonomy and their effect on the 2017 Taxonomy:

<b>ASU</b>	<b>Changes</b>
<i>Revenue from Contracts with Customers (Topic 606)</i> (Update 2014-09)	Included
<i>Financial Instruments—Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities</i> (Update 2016-01)	Early adoption provisions included
<i>Leases (Topic 842)</i> (Update 2016-02)	Included
<i>Intangibles—Goodwill and Other (Topic 350); Business Combinations (Topic 805); Consolidation (Topic 810); Derivatives and Hedging (Topic 815): Effective Date and Transition Guidance (a consensus of the Private Company Council)</i> (Update 2016-03)	None
<i>Liabilities—Extinguishments of Liabilities (Subtopic 405-20): Recognition of Breakage for Certain Prepaid Stored-Value Products (a consensus of the FASB Emerging Issues Task Force)</i> (Update 2016-04)	Included
<i>Derivatives and Hedging (Topic 815): Effect of Derivative Contract Novations on Existing Hedge Accounting Relationships (a consensus of the FASB Emerging Issues Task Force)</i> (Update 2016-05)	Included
<i>Derivatives and Hedging (Topic 815): Contingent Put and Call Options in Debt Instruments (a consensus of the FASB Emerging Issues Task Force)</i> (Update 2016- 06)	Included
<i>Investments—Equity Method and Joint Ventures (Topic 323): Simplifying the Transition to the Equity Method of Accounting</i> (Update 2016-07)	Included
<i>Revenue from Contracts with Customers (Topic 606): Principal versus Agent Considerations (Reporting Revenue Gross versus Net)</i> (Update 2016-08)	None
<i>Compensation—Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting</i> (Update 2016-09)	Included

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<b>ASU</b>	<b>Changes</b>
<i>Revenue from Contracts with Customers (Topic 606): Identifying Performance Obligations and Licensing (Update 2016-10)</i>	None
<i>Revenue Recognition (Topic 605) and Derivatives and Hedging (Topic 815): Rescission of SEC Guidance Because of Accounting Standards Updates 2014-09 and 2014-16 Pursuant to Staff Announcements at the March 3, 2016 EITF Meeting (Update 2016-11)</i>	Not included/ Not effective
<i>Revenue from Contracts with Customers (Topic 606): Narrow-Scope Improvements and Practical Expedients (Update 2016-12)</i>	Included
<i>Financial Instruments—Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments (Update 2016-13)</i>	Not included/ Not effective
<i>Not-for-Profit Entities (Topic 958): Presentation of Financial Statements of Not-for-Profit Entities (Update 2016-14)</i>	None
<i>Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments (a consensus of the FASB Emerging Issues Task Force) (Update 2016-15)</i>	Included
<i>Income Taxes (Topic 740): Intra-Entity Transfers of Assets Other Than Inventory (Update 2016-16)</i>	Included
<i>Consolidation (Topic 810): Interests Held through Related Parties That Are under Common Control (Update 2016-17)</i>	Included
<i>Statement of Cash Flows (Topic 230): Restricted Cash (a consensus of the FASB Emerging Issues Task Force) (Update 2016-18)</i>	Included

Additional detail on the changes may be found in the Appendixes. Other ASUs may be approved shortly after the release of the 2017 Taxonomy with effective dates in 2017 that may require preparers to extend the Taxonomy until the next Taxonomy update. Any substantive required changes will be announced on the FASB website and made available for public comment through the Development Taxonomy.

## Taxonomy Topical Project

A Taxonomy Topical Project was initiated for retirement benefits to reduce inconsistencies and redundancies and provide a better structure to support improved data quality. This project will cover multiple releases of the Taxonomy and changes incorporated after due process. The first phase of the project focused on evaluating elements for consistency and improving the modeling; and did not include elements related to plan assets. Future phases will include a review of the elements and structure for plan assets and common reporting practices. Phase one changes resulted in seventy-two (72) new elements; one hundred seventy-six (176) documentation label changes; one hundred ninety-three (193) standard, period start, period end or total label changes; one hundred twenty-three (123) reference changes; and one hundred one (101) element deprecations. See the FASB website for the [Taxonomy Implementation Guide for Retirement Benefits](#) and [Current Taxonomy Projects](#).

## Industry-Related Changes

### *Insurance Industry Resource Group*

Recommendations from the Insurance Industry Resource Group resulted in the removal of redundancies and elements modified, created, or relocated to promote consistency and facilitate discovery for elements related to the insurance industry. The elements for deferred acquisition costs, present value of future profits from acquired insurance contracts, and deferred sales inducement elements were reviewed and updated to remove redundancies and accommodate common reporting practices.

### *Financial Services Industry Resource Group*

Recommendations from the Financial Services Industry Resource Group resulted in additional elements to cover Basel III disclosures. These disclosures are based on common reporting disclosures from filings within this industry.

## Change Notes

Taxonomy changes that previously were communicated in a change label, deprecated date label, and deprecated label have moved to a Change Note consistent with a Taxonomy Implementation Note (TIN). The information that was previously in the label section can be viewed in the reference section of the Taxonomy alongside the TIN and *FASB Accounting Standards Codification*<sup>®</sup> references.

The advantage of the Change Note over the Change Label is that it uses a mechanism provided by the XBRL specification for associating structured information with Taxonomy elements. Therefore, it can be more readily understood and utilized by XBRL developers and XBRL applications without compromising human readability.

## Taxonomy Design Changes

Design changes have been made to the 2017 Taxonomy to address concerns of consumers of the data. Users of the data have reported difficulty consuming data when dimensions<sup>1</sup> are used for purposes other than as described in the [Dimension Uses Style Guide](#). Some of those concerns include using dimensions for information that is not disaggregating values, when the use of dimensions is different for the same values from one instance document to the next, and using dimensions when they are not needed to differentiate values when tagging with the same element. Dimensions have been used as a modeling structure in previous Taxonomy updates because they allow:

- Common primary line item elements (for example, Revenues) to be reused with different dimensions to disaggregate values (for example, by segments, customer, or geography)
- Standardized members
- Flexibility when most of the population is known, but not the entirety.

While that generally has been unchanged, certain structures have been added to provide an alternative to when or how dimensions are used to respond to users' concerns. The following changes are aimed at providing information without relying on dimensions when they are not the optimum structure for consumption of the data. These changes have been limited to certain areas in the Taxonomy (mainly for new ASUs for Leases, Revenue, and Restricted Cash and for the Taxonomy Topical Project for Retirement Benefits). For additional discussion of the technical aspects of these structural changes, see the [2017 Taxonomy Technical Guide](#).

### *Fixed Lists*

The purpose of a Fixed List is to limit selection to allowable values that provide information in a consistent, comparable manner. Previous versions of the Taxonomy include Fixed Lists such as the element "Multiemployer Plans, Certified Zone Status," which has values available of "Green, Yellow, Orange, Red, Other, NA." If an element that had a data type of `stringItemType` was used instead, which allows for the provision of any text, or extensions of the value were permitted, the result is greater variability in the values which can be difficult for consumption of the information. Previously, dimensions may have been used for this purpose that allowed extensions for members.

Additional Fixed List elements have been added to the 2017 Taxonomy that provide for selection from an explicit list of values that cannot be modified or extended. These are used when the choices are limited and predetermined. For example, for the forfeiture

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<sup>1</sup> *Dimension* is used as the terminology throughout this document and is intended to be synonymous with *Axis* in reference to the Taxonomy.

method (“Share-based Compensation, Forfeiture Method [Fixed List]”), there are two acceptable values under the changes for the new ASU, “Estimating expected forfeitures” and “Recognizing forfeitures when they occur.” The new Fixed Lists can be identified by “[Fixed List]” in the label. There are previously existing Fixed Lists that do not yet have updated labels containing this language. For the 2017 Taxonomy, these can be found in elements related to policy elections for share-based compensation and equity method investments.

### *Extensible Lists*

There are occasions when a Fixed List may seem to be an ideal choice except for the possibility that the filer will need to extend beyond the values in the list, making the element unusable. The Extensible List addresses this limitation by allowing the filer to add values in a manner similar to adding to the list of members for dimensions in an extension taxonomy. The full functionality of the Extensible List element will be made available in two stages split between the 2017 and 2018 Taxonomy Update.

The Extensible List elements in the 2017 Taxonomy uses a custom datatype, `extensibleListItemType`, where values reported are constrained and should correspond to elements named in a base or extension taxonomy. The values reported for the Extensible Lists should mirror the prefix and element name that is used in the DTS of the schema (extension and base taxonomies). An example of how the reported value would appear is as follows, “`us-gaap:OtherAssetsNoncurrent` `us:gaap:OtherAssetsCurrent`” which represents the line items in the financial statements that contains a value disclosed in the notes to the financial statements. For the 2017 Taxonomy, while this mirrors the actual element used in the schema, it will not be validated to the element in the schema.

With the 2018 Taxonomy, the elements with the data type of `extensibleListItemType` will be changed to an `enumerationsItemType` pending XBRL International, Inc. specification Extensible Enumerations 1.1 attaining recommendation status. With the `enumerationsItemType`, the 2018 Taxonomy will include lists of element names appropriate for values with the Extensible List elements. These lists can be extended for elements not included in the Taxonomy and the values for the Extensible List elements will validate to only allow the actual elements used in the schema as values.

Extensible List elements provide values that are validated to match the same member elements used as existing dimensions in the Taxonomy, and convey the same information when the members are not disaggregating a total value. The difference in the use of the members for disaggregation of information versus for providing additional information is explained below.

Disaggregation—sales disaggregated by country in which the products were sold would use “Sales Revenue, Goods, Gross” and “Geographical [Axis]” with members representing the various countries in which the products are sold.

Additional information (not disaggregating)—if the disclosure was “Sales of products made in Germany to Customer A,” it would not be optimal to tag the sales value with “Geographical [Axis]” and the Germany member because consumers of the data would understand that to be “Sales Revenue, Goods, Gross” disaggregated by customer and geography, which represents the sales within that country to that customer. However, an Extensible List can be used to convey the products are made in Germany by using a primary line item element representing the location of where the product is made and the country member as the value. This provides a better conveyance of the information to the data consumer.

For the 2017 Taxonomy, these types of elements have been added and are intended to be used when conveying related information about a fact that is not a disaggregating property of that fact. For example, a filer may disaggregate the recognized cost for their defined contribution plans by tax status (qualified or unqualified) but may also identify the location of the sponsor of the plan. The Extensible List element can be used to identify sponsor location and the new dimension, “Retirement Plan Tax Status [Axis]” with its members can be used to disaggregate the values of the recognized cost by tax status. The element “Defined Contribution Plan, Sponsor Location [Extensible List]” can be used with a value for the sponsor location such as US to convey the information about the plan for which the cost is disclosed. For the 2017 Taxonomy, this will be a textual value. In the 2018 Taxonomy, it would be expected that the value would be the actual member for US from the AllCountriesDomain.

For the 2017 Taxonomy, Extensible Lists can be found in the new groups for the ASUs for Leases (842000) and Revenue (606000) and in the group 730000 for Retirement Benefits and 300000 for Restricted Cash. These elements contain “[Extensible List]” as part of the label to assist in identification. The utilization of this structure is likely to be expanded in future Taxonomy releases.

The Extensible Lists also are used to identify which line items in the financial statements an amount is disclosed. Legacy modeling in the Taxonomy is to use “Balance Sheet Location [Axis]” or “Income Statement Location [Axis]” and they are still present in the 2017 Taxonomy. However, going forward the modeling is expected to use Extensible Lists because it will create an explicit linkage between the line item in the primary financial statements and the amount disclosed, instead of, for example, “Balance Sheet Location [Axis]” and a member that serves as a proxy for the line item used.

### **Typed Dimensions**

Typed dimensions may be used in circumstances in which a specific structure of the information is consistent and it is useful to associate a group of facts. The members of these dimensions “typed” by restricting the members to be only a certain format. For example, an amount may be broken down by years and a typed dimension restricted to a `yearItemType` provides a consistent structured format for the members and groups the underlying associated facts.

For the 2017 Taxonomy, a typed dimension can be found in the new group for the ASU for Revenue (606000). The typed dimension in this group is used to indicate the start date for the period when the remaining performance obligation will be satisfied. It is restricted to a `dateItemType` (CCYY-MM-DD format). The Taxonomy Implementation Guide for this topic illustrates usage of this structure. The utilization of this structure is likely to be expanded in future Taxonomy releases.

### **Taxonomy Disclosure Templates**

Taxonomy Disclosure Templates have been made available to be used as part of the filer’s extension taxonomy based on examples in the [Taxonomy Implementation Guides](#). Currently, they have been created for the illustrations in the new guides for Leases, Revenue from Contracts with Customers, and Retirement Benefits. These templates can be found in the group series 842XXX for Leases, 60600X for Revenue from Contracts with Customers and 7301XX for Retirement Benefits.

The templates are modeled after the illustrations provided for in the Taxonomy Implementation Guides so that when a filer’s disclosure closely matches one of the examples, the filer does not need to recreate the modeling in its extension taxonomy for the calculation and dimension relationships, instead, but can reference the template in the Taxonomy. The template can still be modified in extension taxonomies to more precisely match the filer’s disclosure, but the key benefit is that filers do not have to recreate new disclosures from ASUs or other common disclosure requirements. This also should assist users of the data in establishing models based on the templates.

The templates also provide the opportunity for a more explicit model within the Taxonomy by focusing the modeling to a particular disclosure. It also provides another mechanism to illustrate the intent of the Taxonomy modeling that may not be readily evident by the structure in the Taxonomy.

### **Standard and Preferred Labels with Filer Count**

The 2017 Taxonomy as displayed in the FASB Taxonomy Online Review and Comment System (TORCS) contains numerical values appended to the Standard and Preferred Labels, which represent the usage of the element for SEC filings from January 1, 2015 through August 26, 2016, after removing duplicates for each filer. These filer counts are

provided for informational purposes only and are not intended to promote or limit use of elements. Elements may have low counts for multiple reasons, for example, because they are transactional in nature (dispositions and acquisitions) or reflect the economic environment (impairments). These counts will appear in the Taxonomy only in TORCS and supporting collateral. They are not available in the 2017 Taxonomy as published at <http://xbrl.fasb.org/us-gaap/2017/>.

## Other

New dimensions were added to assist in the consumption of the data when values are reported for legal entities other than the reporting entity. The “Legal Entity [Axis]” exists as part of the SEC’s dei taxonomy for tagging values of a legal entity. The 2017 Taxonomy has added the dimension “Consolidated Entities [Axis]” for tagging values for consolidating information. The dimension “Ownership [Axis]” also was added for disclosures of ownership interests.

New elements created for the 2017 Update that have a boolean data type include [true/false] in the label to help identify those elements for which the available value is restricted to true or false. There are previously existing elements with this data type that do not have updated labels containing this language.

## Summary of Structural Changes to the Taxonomy

Documentation and visual cues at the element level are included in the 2017 Taxonomy to make identifying changes to the Taxonomy easier for preparers. In addition, the TC App is available on the Taxonomy portion of the FASB website. With the TC App, users can quickly identify element changes in an existing XBRL extension taxonomy resulting from the 2017 Taxonomy.

If a change in the 2017 Taxonomy is the result of an ASU, then the Change Note (CN) will identify the ASU and related changes. For example, the change note contains source parts for *Revenue from Contracts with Customers (Topic 606) (Update 2014-09)* as (cn-part:SourceName) equal to “Revenue” and (cn-part:Source\_ASU\_Number) equal to “2014-09.” The change note source parts followed by the ASU they relate to for each ASU added to the 2017 Taxonomy are below:

- SourceName: Revenue  
Source\_ASU\_Number: 2014-09  
*Revenue from Contracts with Customers (Topic 606) (Update 2014-09)*
- SourceName: Financial Instruments - Recognition and Measurement  
Source\_ASU\_Number: 2016-01  
*Financial Instruments—Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities (Update 2016-01)*

- SourceName: Leases  
Source\_ASU\_Number: 2016-02  
*Leases (Topic 842) (Update 2016-02)*
- SourceName: Breakage for Prepaid Stored-value Products  
Source\_ASU\_Number: 2016-04  
*Liabilities—Extinguishments of Liabilities (Subtopic 405-20): Recognition of Breakage for Certain Prepaid Stored-Value Products (a consensus of the FASB Emerging Issues Task Force) (Update 2016-04)*
- SourceName: Derivatives and Hedging  
Source\_ASU\_Number: 2016-05  
*Derivatives and Hedging (Topic 815): Effect of Derivative Contract Novations on Existing Hedge Accounting Relationships (a consensus of the FASB Emerging Issues Task Force) (Update 2016-05)*
- SourceName: Derivatives and Hedging - Contingent Put and Call  
Source\_ASU\_Number: 2016-06  
*Derivatives and Hedging (Topic 815): Contingent Put and Call Options in Debt Instruments (a consensus of the FASB Emerging Issues Task Force) (Update 2016-06)*
- SourceName: Simplifying the Equity Method of Accounting  
Source\_ASU\_Number: 2016-07  
*Investments—Equity Method and Joint Ventures (Topic 323): Simplifying the Transition to the Equity Method of Accounting (Update 2016-07)*
- SourceName: Share-Based Payment  
Source\_ASU\_Number: 2016-09  
*Compensation—Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting (Update 2016-09)*
- SourceName: Revenue  
Source\_ASU\_Number: 2014-09  
*Revenue from Contracts with Customers (Topic 606): Narrow-Scope Improvements and Practical Expedients (Update 2016-12)*
- SourceName: Classification of Cash  
Source\_ASU\_Number: 2016-15  
*Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments (a consensus of the FASB Emerging Issues Task Force) (Update 2016-15)*



- SourceName: Intra-entity Transfer  
Source\_ASU\_Number: 2016-16  
*Income Taxes (Topic 740): Intra-Entity Transfers of Assets Other Than Inventory* (Update 2016-16)
- SourceName: Consolidation  
Source\_ASU\_Number: 2016-17  
*Consolidation (Topic 810): Interests Held through Related Parties That Are under Common Control* (Update 2016-17)
- SourceName: Restricted Cash  
Source\_ASU\_Number: 2016-18  
*Statement of Cash Flows (Topic 230): Restricted Cash (a consensus of the FASB Emerging Issues Task Force)* (Update 2016-18)

The changes for the ASUs for Revenue and Leases are in new groups, 606000 and 842000, respectively. It is intended that these elements be used only if early adopting the related standard. The elements also contain language in the Taxonomy Implementation Notes in the 2017 Taxonomy to indicate appropriate use.

To identify changes, “Shared Searches” are available for the 2017 Taxonomy in TORCS. After selecting an item from the “Shared Searches” and selecting “Highlight Matches” at the bottom of the screen, the filter highlights in pale yellow the relationships groups, presentation relationships, calculation relationships, and definition relationships that contain elements that are modified or added in the 2017 Taxonomy. As the user navigates through the Taxonomy, all changes are highlighted in bright yellow. Each element modified or added includes the date of change and type of change in the Change Note.

### Change Notes

The CN was added as part of the 2017 Taxonomy to replace the previous change label, deprecated date label and deprecated label. This modeling choice is consistent with TIN. The information that was previously in the label section can be viewed in the reference section of the Taxonomy alongside the TIN and Codification® references.

The advantage of the CN over the Change Label is that it uses a mechanism provided by the XBRL specification for associating structured information with Taxonomy elements. As such, it can be more readily understood and utilized by XBRL developers and XBRL applications without compromising human readability.

The CN may contain the following parts (parts have added spaces in this document to assist in readability):

- **Taxonomy Version:** identifies in which version of the Taxonomy the change was made.
- **Change Date:** identifies the year and month the change was made in the Taxonomy.
- **Modified References:** identifies by value of true that the change applies to a reference.
- **Modified Labels:** identifies whether the change applies to a Standard, Period Start, Period End, or Total label.
- **Source:** identifies whether a change note is based on an ASU, topical project, or other sources.
- **Source Name:** Identifies which ASU or TIG an element is related.
- **Source ASU Number:** identifies the number of the ASU on which the change is based.
- **New Element:** identifies by value of true that the change is because of the addition of an element.
- **Modified Documentation:** identifies by value of true that the change applies to a documentation label (definition).
- **Previous Documentation:** identifies the previous documentation label when the change applies to a documentation label (definition).
- **Deprecated Date:** identifies the date when the element is deprecated.
- **Deprecated Label:** identifies the reason for the deprecation and possible replacement elements, if applicable.
- **Element Deprecated:** identifies by value of true that the change applies to deprecation of an element.
- **Modified Deprecated Label:** identifies by value of true that the change applies to a change in a deprecation label.
- **Modified Balance Type:** identifies by value of true that the change applies to a balance type

## Modifications to the Taxonomy

### Deprecated Items

One hundred seventy-six (176) elements were deprecated. Deprecated elements remain in the Taxonomy for two annual updates to satisfy legacy and conversion requirements but should not be used in filings. Elements deprecated in updates older than two annual updates will be removed from the Taxonomy and no longer are available for use. See Appendix 1 for elements that were deprecated.

The information for the deprecation is shown in the Change Note by part as follows:

- The Taxonomy Version contains the version of the Taxonomy in which the deprecation is applicable.
- The Change Date contains the year and month the deprecation was made.
- The Depreciated Date contains the date the element is deprecated. The date of deprecation is the date after which the element no longer should be used. This usually will align with the release date of the Taxonomy update.
- The Depreciated Label contains the reason for the deprecation and possible replacement elements, if applicable.
- The Element Depreciated contains the value of true to indicate it is a deprecation.

The Depreciated Date and Depreciated Label appear in a separate Change Note from the other parts. Not all deprecated elements will have a new element that could be used in its place. Elements may be deprecated due to errors in their creation, infrequent use in practice, or because the element was superseded by ASUs or other GAAP changes. In those cases, the deprecated element will have a Depreciated Label part; however, no replacement element will be indicated.

### Deprecated Element Types

In addition to the Change Note, deprecated elements are included in a definition linkbase relationship to further assist preparers in identifying replacement elements. Deprecated elements no longer should be used after their date of deprecation, and filings should be updated and revised accordingly. The deprecated relationships used in the 2017 Taxonomy are as follows:

Deprecated Relationship	Description
no relationship (Appendix 1, Part A)	No replacement elements exist. These deprecated items (seventy (70)) have no on-going relationship to active elements.
essence-alias	The essence-alias relationship is a one-to-one relationship in which a deprecated element has been eliminated due to redundancies. Any elements that have this relationship also have the dep-concept-deprecatedConcept relationship. All deprecated elements with an essence-alias relationship are included in the count of the dep-concept-deprecatedConcept relationship.
dep-aggregateConcept-deprecatedPartConcept (Appendix 1, Part B)	The dep-aggregateConcept-deprecatedPartConcept is a relationship in which multiple elements have been deprecated and replaced by a single, higher level, more encompassing concept. Nine (9) deprecated elements have this relationship. A concept that combines and replaces a distinct group of elements is an aggregate concept replacing the two elements, or part concepts.

Deprecated Relationship	Description
dep-concept-deprecatedConcept (Appendix 1, Part C)	The dep-concept-deprecatedConcept is a one-to-one relationship in which a deprecated element has been replaced by a similar concept. Ninety-three (93) deprecated elements have this relationship. For example, if an element with an “Instant” period type is replaced by an element with a “Duration” period type, the elements would have a dep-concept-deprecatedConcept relationship.
dep-dimensionallyQualifiedConcept-deprecatedConcept (Appendix 1, Part D)	The dep-dimensionallyQualifiedConcept-deprecatedConcept is a relationship in which a deprecated element has been replaced by a dimensional equivalent. The element that previously represented a single fact value is replaced by the interaction between a Line Item element and a dimensionally qualifying Member element. No elements have this relationship.
dep-partConcept-deprecatedAggregateConcept (Appendix 1, Part E)	The dep-partConcept-deprecatedAggregateConcept is a relationship in which a deprecated element has been replaced by two or more elements representing greater disclosure detail. Two (2) elements have this relationship.
dep-mutuallyExclusiveConcept-deprecatedConcept (Appendix 1, Part F)	The dep-mutuallyExclusiveConcept-deprecatedConcept is a relationship in which a deprecated element has been replaced by two or more mutually exclusive concepts. For example, if an individual element could be used for either the current portion of a concept in a classified balance sheet or the aggregate of the current and noncurrent portion in an unclassified presentation, the element is replaced with elements specifically for classified balance sheets and elements specifically for unclassified presentations. No elements have this relationship.
dep-concept-deprecatedConcept and dep-dimensionallyQualifiedConcept-deprecatedConcept (Appendix 1, Part G)	Two (2) deprecated elements have this relationship which is a combination of two relationships defined previously.

### Change to Standard, Period Start, Period End, or Total Labels

The 2017 Taxonomy includes two hundred seventy-nine (279) elements that had their standard, period start, period end, or total labels modified to better identify the substance and intended application of the elements, which are listed in Appendix 2. None of the two hundred five (205) element names have been changed. Appendix 2 is organized as follows:

- Part A provides a listing of elements where the Standard label was modified (218).
- Part B provides a listing of elements where the Total label was added, removed, or modified (11).
- Part C provides a listing of elements where the Standard, Total, Period Start, or Period End label was added, removed, or modified (3).

- Part D provides a listing of elements where the Standard and Total label were modified (44).
- Part E provides a listing of elements where the Period Start or Period End label was added, removed, or modified (1).
- Part F provides a listing of elements where the Standard, Period Start, or Period End label was added, removed, or modified (2).

### Change to Codification References

The 2017 Taxonomy includes additions, replacements, and removals to Codification references for one thousand seventy (1,070) elements, which are listed in Appendix 3. Eight hundred twelve (812) of these were for the first phase of the Reference Project, one hundred twenty-three (123) of the reference changes were for the Taxonomy Topical Project for Retirement Benefits, and seventy-seven (77) were for ASUs.

Additional reference changes made after the draft 2017 Taxonomy were part of a project to assist usability in element selection. The Reference Project will be performed in phases and for the 2017 Taxonomy, references for Glossary terms were removed and references on [Text Block] elements were streamlined to topic and subtopic where applicable. It is expected that the GAAP requirements through the references will be a better starting point in selecting elements than navigating through a Taxonomy view. This project also is expected to better support the topical search capabilities available in the [Inline XBRL viewer](#) on the SEC's website.

### Change to Documentation Labels

The 2017 Taxonomy includes changes to two hundred eighty-two (282) documentation labels (definitions), which are listed in Appendix 4. These changes were made to clarify the meaning of a concept, remove unnecessarily restrictive wording, correct inconsistencies between labels and definitions of individual elements, and incorporate new ASUs. If the modification to the definition substantively changed the meaning of the concept, the element was deprecated and a new element was created. Appendix 4 is organized as follows:

- Part A lists elements for which the definitions were changed (65) because of ASUs.
- Part B lists elements for which the definitions were changed (41) because of comments from the public, industry resource group recommendations, and internal analyses.
- Part C lists elements for which the definitions were changed (176) because of the Taxonomy Topical Project for Retirement Benefits.

## **New Elements**

The 2017 Taxonomy includes nine hundred forty-two (942) new elements, which are listed in Appendix 5. These elements were added because of ASUs, the Taxonomy Topical Projects, comments from the public, industry group recommendations, and internal analyses. Appendix 5 is organized as follows:

- Part A lists elements that were created (699) because of ASUs.
- Part B lists elements that were created (171) because of comments from the public, industry resource group recommendations, and internal analyses.
- Part C lists elements that were created (72) because of the Taxonomy Topical Project for Retirement Benefits.

## **Taxonomy Implementation Note**

The 2017 Taxonomy includes Taxonomy Implementation Notes for one thousand two hundred twenty-three (1,223) elements to assist with their intended use. Nine hundred forty-one (941) of these were added for the 2017 Taxonomy and can be found in Appendix 6.

## **Deleted 2014 Taxonomy Depreciated Elements**

Because of the SEC EDGAR Release 16.2, the 2014 Taxonomy no longer is supported and 2014 deprecated elements do not appear in the 2017 Taxonomy as deprecated items or in deprecated relationships. One hundred seventy-seven (177) elements deprecated with the 2014 Taxonomy were deleted because they no longer are available for use. These elements can be identified in the 2016 Taxonomy by the “deprecated date label” with the value “2014-01-31” (see Appendix 7).