

One Analytics Release Notes

March 2020

CAPITA

Revision History

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Document Purpose

These release notes are provided to users to detail the enhancements and resolutions included with the One Analytics March 2020 release. Each release contains all fixes and enhancements issued since the previous release. Instructions for downloading the latest release installation media are also included.

Should you have any questions about the implementation, testing, or user impacts of the changes listed in this document, please contact the One Application Support Team.

Upgrading the Software

Compatibility with Capita One

The One Analytics March 2020 release is designed to be compatible with the following versions of the Capita One system:

- 3.69
- 3.70 and 3.70 SP1

If you are running an older version of Capita One, we recommend that you upgrade to at least the 3.69 release prior to installing this update.

Compatibility with Tableau

The One Analytics March 2020 release is designed to be compatible with Tableau 10.5.

If you have not upgraded the Tableau components of One Analytics to Tableau 10.5 (included as part of the March 2018 release), you must do so as part of this upgrade. The Tableau 10.5 download link and password are available from the One Analytics March 2020 My Account posting:

<https://myaccount.capita-cs.co.uk/Notifications/capita-one-analytics-November-2019-release/>

Software Distribution

The One Analytics March 2020 release is available as a download only. Links to the self-extracting installation files are included below. One Co-ordinators will be emailed with the password to enable them to unzip the installation media.

The installation files for the One Analytics March 2020 release is available via the following link:

<http://dl.captasolus.co.uk/onedownloads/OA-2020-MAR.exe>

Changes in the New Release

Updated Data Sources

The following data sources have been updated in this release:

- Attainment
- Early Years
- EPM
- Estart
- Youth Justice

The changes are documented in the sections below.

New Functionality:

Deleted information flagged within DW and filtered out of models

Deleted information from One Education no longer included in OA Models

The March 2020 release completes the changes required to ensure deleted information from the One Education system is not included within OA DW models and all have now been updated except the Attendance Model. Attendance data can only be deleted from one education when the Student and associated student information is deleted and so the approach required will differ and is being analysed due to the scale of the data in the Attendance model.

The April 2018 release of One Analytics contained fundamental changes in the way that information was processed, which meant data was no longer deleted. The change was in response to the new GDPR that came into effect on 28th May 2018 and to ensure data was available for trend and historical analysis.

Customers have since observed they could not rely on or compare the information from One Analytics as envisaged, as the information was not reflective of that being actively managed within the One Education system and there was no method available to provide this level of accuracy.

The March 2020 release contains changes so that the information available within One Analytics is reflective of data being actively managed within One Education.

OA has been updated to validate whether a record has been deleted from One Education and where this is the case, flag the record as deleted and filter out deleted records from the models noted below.

- Attainment
- Early Years
- EPM
- Estart
- Youth Justice

Following install or upgrade to the March 2020 release, information provided by the above models will reflect that which exists and can be actively managed within One Education. No manual filtering is required where the Capita supplied models are used. Should custom models have been created, please refer to section '*How is deleted information managed and Data Warehouse changes?*' which details the Data Warehouse changes.

How is deleted information managed and Data Warehouse changes?

One Analytics uses the concept of 'ETL' (Extract, Transform and Load), information is extract from the One Education Oracle DB and imported to a 'Staging' area within the OA SQL DW. The extracted information is then 'Transformed' and 'Loaded' into 'Dimension' and 'Fact' DW Tables which the models are built on.

The 'ETL' routine will now compare information which exists in 'Dimensions' to that imported into the 'Staging' area and where a record no longer exists flagged as 'Deleted' with a 'Date Deleted' value recorded (the date the 'ETL' routine was processed).

The Facts and Dimensions noted below have two additional columns as described above, 'Deleted' flag and 'Date_Deleted'.

To filter out deleted records from custom models, exclude records where the value 'XX_Deleted' value is '1' (True), and should more granular validation be required, the 'XX_Date Deleted' value can be compared to a Date filter.

The naming of the new columns are as follows.

- Deleted flag 'XX_Deleted'
- The date OA knew the record as being deleted (Date of ETL processing) 'XX'_Date_Deleted'

Please note 'XX' is replaced with the name of the Dimension or Fact DW table.

Changes in the New Release

Model	Dimension \ Fact
Attainment	<ul style="list-style-type: none"> • Dim Activity • Dim Aspect • Dim AspectHierarchy • Dim Gradeset • Dim Resultset • Dim Marksheet • Fact Attainment
Early Years	<ul style="list-style-type: none"> • Dim AdditionalFunding • Dim EYCensus • Dim EYPupilPremiumCheck • Dim EYTerm • Dim FundedServiceSetup • Dim ServiceCapacityandCharge • Dim ServiceProvision • Dim ServicePayment • Dim TYOFApplication • Dim EYStudentHeadcountDetail • Dim UserDefinedQuestion • Dim InterimHoursAtServiceLevel • Dim LAServProvChildHours • Dim AdditionalFundingLinks • Dim EYHeadcountSubmission • Dim SpotPayment • Dim EYBasisForFunding • Fact EarlyYearsProvision
EPM	<ul style="list-style-type: none"> • Dim DevelopmentPlan • Dim ServiceTeam • Dim BusinessUnitRole • Dim EPMSLA • Dim BaseEPMSLA • Dim SupportActivity • Dim SupportActivitiesDetail • Dim PlanItemCost • Dim SupportActivityCost • Dim UserDefinedQuestion • Dim ActionPoint • Fact PlanLink

<p>Estart</p>	<ul style="list-style-type: none"> • Dim Pregnancy • Dim MemberWarning • Dim ManagedList • Dim MemberMilestone • Dim Benefit • Dim Family • Dim EventType • Dim EventTypeAim • Dim EventTypeTarget • Dim EventTypeProvider • Dim Postcode • Dim WorklessHousehold • Dim WorklessHouseholdReason • Dim MemberCustomLabel • Dim FamilyCustomlabel • Dim ChildrenCentre • Dim SpecialNeed • Dim InGreatestNeed • Dim InGreatestNeedReason • Dim TwoYearOldEntitlement • Dim TwoYearOldEntitlementReason • Dim MemberReferral • Dim ServiceRequest • Dim ServiceRequestPlan • Dim MemberOutcome • Dim Careworker • Dim CareworkerTraining • Dim CareworkerTravelCost • Dim CareworkerQualification • Dim CareworkerEventDuration • Dim CPP • Dim CustomPostcodeArea • Dim EventMembers • Dim EventCareworkers • Fact Event
<p>Youth Justice</p>	<ul style="list-style-type: none"> • Dim Client • Dim Case • Dim Caseworker • Dim Offence • Dim OffenceBehaviour • Dim CourtAppearance • Dim PreCourtDecision • Dim CourtAppearanceProposedOutcome • Dim CourtAppearanceBailRemand • Dim CourtAppearanceAdjournedReason • Dim OffenceOutcome • Dim OffenceOutcomeRequirement • Dim AssetPlusStageDetail • Dim AssetPlusStageAnalysis • Dim AssetPlusQuestion • Fact Youth