

# Release notes - Pure 5.26.0 (4.45.0)

## Highlights of this release



### All-round stability of Pure

This release has seen a strong focus on stabilising current functionality, and preparation for larger features to be released over the course of 2023. We're also pleased to present the new format of release notes, with a greater focus on conciseness and clarity.



### ORCID integration: Update to API 3.0

The new API contains new features, including several new affiliation types, a new research resources section, token delegation to enable permission sharing between members, and improved transparency about the source of information in ORCID records.

[See below for more info...](#)



### Web of Science: new InCites API

In this release, we continued to expand on Pure's integration with Web of Science by adding a new integration with the InCites API. The InCites API provides document and journal level metrics from InCites to support integration with Institutional Repository (IR) and Current Research Information Systems (CRIS).

[See below for more info...](#)



We are pleased to announce that version 5.26.0 (4.45.0) of Pure is now released.

Always read through the details of the release - including the [Upgrade notes](#) - before installing or upgrading to a new version of Pure.

*Release date: 1 February 2023*

*Hosted customers:*

- Staging environments (including hosted Pure Portal) will be updated **8 February 2023** (APAC + Europe) and **9 February 2023** (North/South America).
- Production environments (including hosted Pure Portal) will be updated **22 February 2023** (APAC + Europe) and **23 February 2023** (North/South America).



### Advance Notice: Change to supported system requirements in February 2024

This is an advance notice of changes to the supported system requirements for running Pure that will take effect in February 2024. The current combination of system requirements has become increasingly difficult to maintain with regard to security and the performance of Pure. We are therefore planning to drop support for the following:

1. Authentication mechanisms: drop support for all except "SAML2 (WAYF, Shibboleth)", "Elsevier Authentication" and "Normal Pure login" authentication mechanisms.
2. Operating systems: drop support for all except Linux (specifically dropping Windows and UNIX).
3. Databases: drop support for Oracle and MS SqlServer. Maintain only Postgres.

This notice follows the advanced notice in the release notes for 5.25.0 and is based on the conversations that we have had with affected customers so far. If you are affected by this change and need to discuss this with us, please take up contact with us.

If you have questions on this notice, or would like to start the dialogue with us, please contact Brian Plauborg ([b.plauborg@elsevier.com](mailto:b.plauborg@elsevier.com)), Henrik Kragh-Hansen ([h.kraghansen@elsevier.com](mailto:h.kraghansen@elsevier.com)), and Davina Erasmus ([d.erasmus@elsevier.com](mailto:d.erasmus@elsevier.com)).

If you would like to discuss moving to hosting, please take up contact with your sales representative or customer consultant.



Download the 5.26 release notes (pdf below)  
*last updated 31/1/2023*



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### Advance Notice

Please be advised that in release 5.26 we have retired our Long Term Preservation connector to Fedora. We suggest that you get in touch with [pure-support@elsevier.com](mailto:pure-support@elsevier.com) in case this can cause any issues for your Institution.



#### Advance Notice

Several improvements have been made to the new Fingerprint Engine and the URL used for the service is changing. Customers using the new Fingerprint Engine (Omniscience thesaurus) on the Pure version 5.25.2 or lower are advised to update to a newer version (5.25.3 or above) by the 1st of March in order to continue using the Fingerprinting service. If you choose to remain on the 5.25.2, existing fingerprints will remain available, but the new content added after the 1st of March would not be fingerprinted.

We strongly recommend updating to 5.26 to benefit from the latest functionality additions.

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## 5.26.0 (4.45.0) New and noteworthy

- 1. Pure Core: Administration
  - 1.1. Data Quality group filter on match score
  - 1.2. Public CDF tracking page
- 2. Pure Core: Web services
  - 2.1. Pure API: Extended support for highlighting content
- 3. Integrations
  - 3.1. ORCID integration: Update to API 3.0
  - 3.2. Web of Science: new Incites API
- 4. Unified Project Model and Award Management
  - 4.1. Changes to Web Service for derived Total Amount fields
- 5. Pure Portal
  - 5.1. Improvements to the new Fingerprint Engine.
  - 5.2. Managing the collaboration map and network information visibility
  - 5.3. Adjust what descriptions are shown on the Portal
  - 5.4. Portal stability
- 6. Reporting
  - 6.1. Reporting project participants
  - 6.2. Reporting on publication dates
  - 6.3. Reporting on created by and modified by
  - 6.4. Line charts visualizations in the data story
  - 6.5. Reporting module: Various updates
- 7. Additional features of this release
  - 7.1. Various updates
- Resolved issues

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[Back to top of page](#)

### 1. Pure Core: Administration

#### 1.1. Data Quality group filter on match score

##### Filter groups based on match score of entities

Filters make it possible to identify duplicate groups based on specific criteria, related either to the entities in groups or the relationship between entities. Filters can be used to help users focus on specific duplicate groups and data quality improvement tasks. The filters are available for all content types in the Data Quality interface.

For example, if a user is cleaning external organisation data for a report on University-Industry collaboration, they can use the Corporate type filter in the Data Quality interface to only show duplicate groups with corporate external organisations. Similarly for the general task of deduplicating entities, users can filter on groups that only have 'High' matches between entities – allowing them to best make use of their time cleaning external organisation data.

Editor Master data Reporting Data Quality FAAR Award management Administrator

# Data Quality

Manage potential duplicates across your

External organisations Journals

## Duplicate groups

Search external organisations

Filtered by:

- Total: High X
- Name/Alternative name: High X
- Address: Medium X

Remove all filters

3 Results

- Monash University
- North Zealand Hospital
- Stanford University

> Type

✓ Match score

✓ Total

- High
- Medium
- Low

✓ Name/Alternative name

- High
- Medium
- Low
- Different/missing ...

✓ Address

- High
- Medium
- Low
- Different/missing ...

✓ Associated IDs

- High
- Medium

get are reflected in the preview below

Continue >

NAME	RELATED CONTENT	DATE CREATED	MATCH SCORE	
> <b>Monash University</b> Victoria, Australia External organisation: Academic	2	4/2/17	-	Target
> <b>Monash University</b> Monash, Victoria, Australia External organisation: Unknown	5	3/30/17	High	Merge with target

### Requirements

- 5.24.2 or higher for Type filter
- 5.25.0 or higher for Journal content type
- 5.26.0 or higher for Match Score filters
- Duplicate Content Discovery job must be enabled and run (DuplicateContentDetectionJob).

### Available resources

Pure Client Space > Technical user guides > Content deduplication > Data Quality interface guide > [Data Quality group filters](#)

See [5.22.0 release notes](#) for detailed overview of functions and features in Data Quality interface

See [5.23.0 release notes](#) for overview of updates to Data Quality interface

See [5.25.0 release notes](#) for addition of Journals as content type in Data Quality interface

[Back to top of page](#) ↑

## 1.2. Public CDF tracking page

Get inspired by how other institutes are using CDFs

An overview of all CDFs that have been made public, with permission from the requesting institution, is now available. For each of the CDFs, we recommend reading through how institutions have made the most of what CDFs can do for them. The public list can be found at [CDFs in the wild](#). If you have any questions, please feel free to reach out to the Pure Support team, or create your own CDF using the instructions found in the customer wiki ([Custom-defined fields \(CDFs\)#RequestingaCDF](#)).


### Available resources

Pure Client Space > Technical user guides > [Custom Defined Fields \(CDFs\)](#)

See [5.24.0 release notes on Custom-defined Fields \(CDFs\)](#)

[Back to top of page](#) 

## 2. Pure Core: Web services

 Pure Web Service is the read-only service available to all clients. See [Administrator > Web services](#) for more details.

Pure API is the read-and-write service currently under development and available to all clients. See [Administrator > Pure API](#) for more details.

### 2.1. Pure API: Extended support for highlighting content

The `HighlightedContent` API model now supports courses and curricula vitae. You are both able to fetch the UUID of the courses and curricula vitae are highlighted as well as select what is highlighted.

[Back to top of page](#) 

## 3. Integrations

### 3.1. ORCID integration: Update to API 3.0

In release 5.26 of Pure we have updated our integration with ORCID to connect to the new ORCID 3.0 API.


The new ORCID API includes:

- New work types such as preprints and software. For the full list of supported work types see here: [list of supported work types](#).
- Job Title and Job Description (see screenshot below)

**Affiliation**

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**Medicine**  
Organizational unit: Faculty

Job title:   Job description:

More details on new features included in API 3.0 can be found here: <https://info.orcid.org/orcid-api-3-0-is-here/>.

#### Requirements

- This feature requires an active subscription to ORCID
- This feature requires the **Update ORCID with Pure Data** job to be run.



#### Available resources

*For more information on how to enable the integration with ORCID and on the data types and fields supported please check the following Pure resources:*

##### Pure Manual (must be logged into Pure to access):

- [ORCID Configuration Settings](#)
- [ORCID integration](#)
- [Pure job configuration and list](#) > Content population/synchronization from/with third-party systems

**Pure Client Space** > Import Sources > Mapping of data from Import Sources > [ORCID](#).

[Back to top of page](#) 

### 3.2. Web of Science: new Incites API

In this release we continued to expand on Pure's integration with Web of Science by adding a new integration with the InCites API. The InCites API provides document and journal level metrics from InCites to support integration with Institutional Repository (IR) and Current Research Information Systems (CRIS).

In Pure 5.26 we are happy to release the first part of this integration, providing the automatic import of the following (new) article-level metrics:

- **Highly Cited Paper**- if the article is in the top 1% cited articles in a given field
- **Hot Paper**- if the article is in the top 0.1% cited articles in a given field



InCites metrics are currently only available in the relevant editors and the webservice. They will be made available, together with additional Web of Science metrics, in reporting and the Pure Portal in the coming releases.

#### Requirements

This feature requires an active subscription to InCites. To enquire about this (and other) subscriptions to Web of Science please reach out to WoS (<https://developer.clarivate.com/apis/wos>) and follow instructions found in the "Subscription and Access" section.



#### Available resources

For more information on how to enable Web of Science metrics please check the following Pure resources:

**Pure Client Space** > Metrics in Pure > Article-level metrics > [Metrics from Web of Science](#) gives an overview of metrics provided by Web of Science and how to import metrics. Specific instructions to update highly-cited papers and hot papers can be found in the **Updating Highly cited papers + Hot papers** section.

[Back to top of page](#)

## 4. Unified Project Model and Award Management

### 4.1. Changes to Web Service for derived Total Amount fields

In version 5.25.2 a change was implemented that fixes (retrospectively in v5.23 and v5.24 web services) a security issue in which a number of funding fields were exposed in the Pure API despite their associated fundings having a backend status. The fields affected are as follows;

- getTotalAwardedAmount
- getTotalSpendAmount

The issue occurred as the listed fields were derived from other fields in the funding records. The calculation used to derive these values was not taking the visibility settings into account and could therefore have made accessible data that should only have been available to administrators, editors and contributors.

As of 5.25.2 and versions forward, these values have been deprecated and may therefore have a detrimental impact for customers using this information as part of their external BI reporting. The fields are still available from within the reporting module and according to the reporting level permissions. For purposes of ongoing BI reporting, the values must therefore be calculated based on the data made accessible via the individual fundings data at point of use. We will review the availability of these values as part of a future version of Pure.

[Back to top of page](#)

## 5. Pure Portal

## 5.1. Improvements to the new Fingerprint Engine.

Following customer feedback on the new Fingerprint Engine, the following improvements have been added:

- Relevance filter - expected to improve the results accuracy, making sure only the most relevant terms and scientific areas are shown
  - Please note that the filter is applied in the Fingerprint Engine itself and is not a setting that can be individually adjusted by customers.
- Term exclusion lists:
  - Pure now excludes generic terms from all the Fingerprint results. The generic term list is maintained by the Omniscience thesaurus team and can be expanded as per customer feedback.
  - Additionally, customers would now be able to configure which other exclusion lists they would like to enable. Please note that the Potentially sensitive topics list is blocked by default.

The switch to the new Fingerprint Engine is not yet mandatory, but we encourage all customers to test the new fingerprint engine and switch to it if they are satisfied with it. We would also welcome your feedback and improvement suggestions.

The screenshot shows the 'Fingerprint Configuration' page. On the left is a navigation menu with 'Fingerprint Configuration' selected. The main content area is titled 'Vocabularies for fingerprinting service' and includes two toggle switches: 'OmniScience' (On) and 'INIS' (Off). Below this is a section titled 'Blocked collections of concepts' with the instruction 'Select the collections of concepts you would like to block in fingerprinting:'. A red box highlights this section, which lists several concept categories with 'Off' toggle switches: 'Person name' (e.g. Nietzsche), 'Commercial brand' (e.g. Australian Airlines), 'Geographic place' (e.g. Silicon Valley), 'High level scientific domain' (e.g. Engineering), 'Job title' (e.g. Neuropsychologist), 'Language' (e.g. Welsh), 'Organisation' (e.g. Royal Canadian Mounted Police), and 'Sensitive topic' (e.g. Median Lethal Dose). The 'Sensitive topic' toggle is currently set to 'On'.

**i** Note: if you change fingerprint settings, content will be re-fingerprinted and then re-published to portal, so it may take some time for the content to come through on the Portal.

### Requirements

- For you to benefit from this change you need to be using the new Fingerprint Engine (Omniscience thesaurus)
- You do not need to do anything if you are happy with the results, however we would invite customers to review the exclusion list settings in case they would prefer to block some additional lists. You can do this at Administrator > Fingerprint > Configuration

### **i** Available resources

You can learn more about Fingerprinting functionality and the new fingerprint engine by reviewing the documentation at **Pure Client Space** > Technical user guides > [Fingerprinting](#), [FAQ section](#) provides full details.

[Back to top of page](#)

## 5.2. Managing the collaboration map and network information visibility

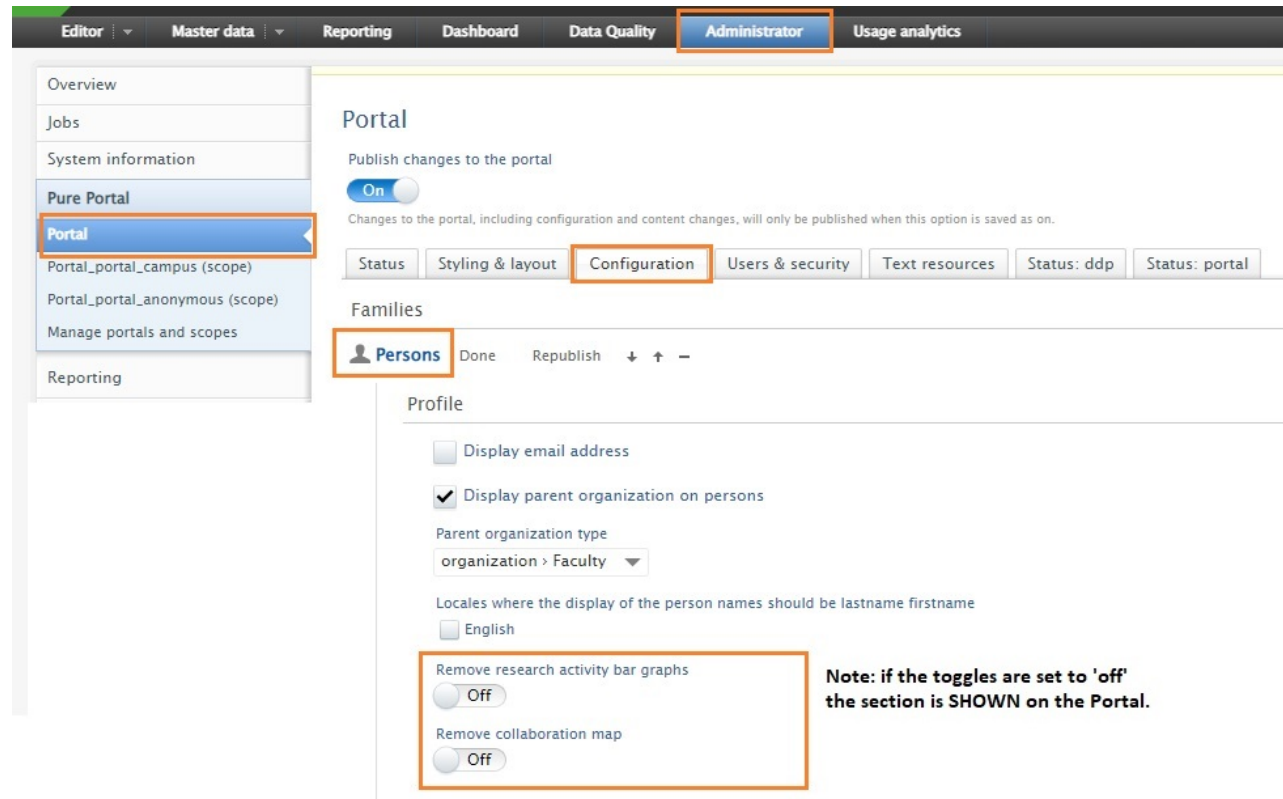
Administrator settings are now available to enable/disable collaboration maps and research activity bar charts on the Pure Portal.

With the new settings you can:

- Enable/disable collaboration maps on:
  - Portal homepage
  - all Person profiles
  - all Organisation profiles
- Enable/disable research activity bar graphs shown on person's profile

The new settings can be found in the relevant content types under **Administrator > Pure Portal > Configuration**.

Here is an example of where they can be found for Persons:



The screenshot shows the Pure Portal Administrator interface. The top navigation bar includes 'Editor', 'Master data', 'Reporting', 'Dashboard', 'Data Quality', 'Administrator', and 'Usage analytics'. The left sidebar shows a menu with 'Pure Portal' expanded, and 'Portal' selected. The main content area is titled 'Portal' and includes a 'Publish changes to the portal' toggle set to 'On'. Below this, there are tabs for 'Status', 'Styling & layout', 'Configuration', 'Users & security', 'Text resources', 'Status: ddp', and 'Status: portal'. The 'Configuration' tab is active, showing settings for 'Families' and 'Persons'. Under 'Persons', there are several settings: 'Display email address' (unchecked), 'Display parent organization on persons' (checked), 'Parent organization type' (organization > Faculty), 'Locales where the display of the person names should be lastname firstname' (unchecked), 'English' (unchecked), 'Remove research activity bar graphs' (Off), and 'Remove collaboration map' (Off). A note states: 'Note: if the toggles are set to 'off' the section is SHOWN on the Portal.'

**i** The new settings allow you to manage the visibility of the Collaboration and Network information in bulk. There have been no changes in the functionality allowing to hide collaboration maps on individual pages, but the general setting supersedes the setting for the individual page.

Should you wish to **completely** hide the collaboration Map and Network sections on the Portal, please [contact Pure Support](#).

### Requirements

- All customers installing the new update will benefit from the changes.
- Please note that the map will remain enabled by default.

### **i** Available resources

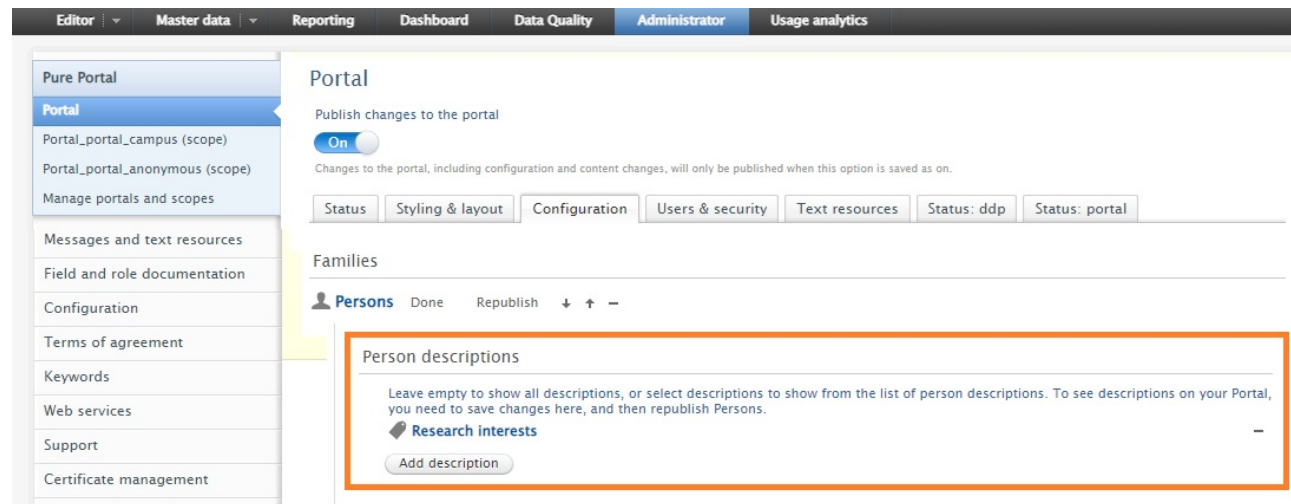
For the full overview of settings (both Portal-wide and individual), see **Pure Client Space > Technical user guides > Pure Portals > Pure Portal configuration > Managing Collaboration Map, Network Graph and Collaborations section on the Pure Portal**.



### 5.3. Adjust what descriptions are shown on the Portal

It is now possible to adjust which description fields will show on the Portal pages per content type, giving customers more flexibility and control over the Portal profile pages. To achieve that, go to Administrator > Pure Portal > Configuration and locate the content type where you wish to make changes. In the "Add description" area, select the description(s) you wish to show on the Portal.

Please note that if you leave the section empty, all the available descriptions will be shown. This is in line with how it worked in previous versions of Pure. In sum, if no specific selections are made, all the available descriptions are shown.



The screenshot shows the Pure Portal Administrator interface. The top navigation bar includes 'Editor', 'Master data', 'Reporting', 'Dashboard', 'Data Quality', 'Administrator', and 'Usage analytics'. The left sidebar shows a navigation menu with 'Pure Portal' selected, and sub-items like 'Portal', 'Portal\_portal\_campus (scope)', 'Portal\_portal\_anonymous (scope)', 'Manage portals and scopes', 'Messages and text resources', 'Field and role documentation', 'Configuration', 'Terms of agreement', 'Keywords', 'Web services', 'Support', and 'Certificate management'. The main content area is titled 'Portal' and includes a 'Publish changes to the portal' toggle set to 'On'. Below this are tabs for 'Status', 'Styling & layout', 'Configuration', 'Users & security', 'Text resources', 'Status: ddp', and 'Status: portal'. The 'Configuration' tab is active, showing 'Families' with 'Persons' selected. Under 'Persons', there is a 'Person descriptions' section with a text box containing instructions: 'Leave empty to show all descriptions, or select descriptions to show from the list of person descriptions. To see descriptions on your Portal, you need to save changes here, and then republish Persons.' Below the text box is a list of descriptions, with 'Research interests' selected. An 'Add description' button is at the bottom of the list.

To see updated the description selections on your Portal, save changes in the Configuration section, and then republish the content types where you made the changes.

#### Requirements

All customers installing the new update will benefit from the changes.

All the descriptions will be shown by default (no change). To adjust this, go to Administrator > Pure Portal > Configuration and locate the content type where you wish to make changes.

#### Available resources

[Pure Client Space](#) > [Technical user guides](#) > [Pure Portals](#) > [Pure Portal configuration](#) > [Managing text descriptions that appear on the Profile pages](#)

### 5.4. Portal stability

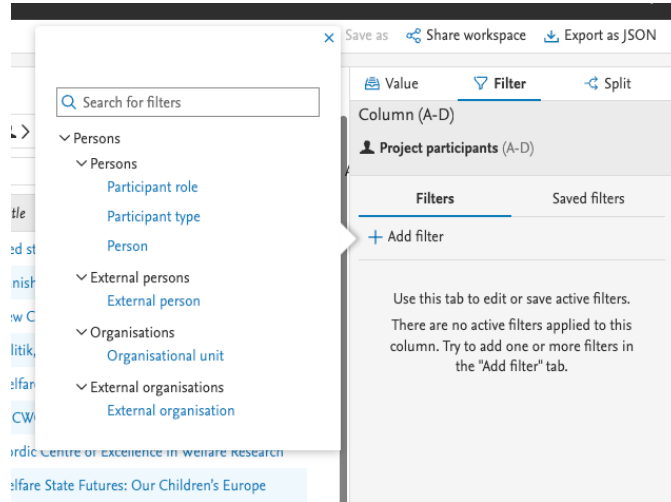
The stability of the Pure Portal has been a primary focus in the 5.26 development period. The Pure development team has put a lot of effort into improving the situation and resolving performance issues. For more details on any portal questions and bugs you may have raised in the last few months, please check the JIRA resolved issues filter for your institution in the [Resolved Issues](#) section of these [release notes](#).

[Back to top of page](#) 

## 6. Reporting

### 6.1. Reporting project participants

You can now report better on project participants using the new reporting entity **Project participants**. With this, you can report on the data that exists on the connection between persons and projects, such as create a report on all PI or CoIs, see which projects they are involved in, which outputs are related and much more. This continues the work we're doing with adding new reporting entities that helps when creating reports on the complex data that exists in Pure.



Editor

Research outputs

Research output contributors

Activities

Prizes

Student theses

Press/Media

Applications

Awards

Projects

Project participants

Ethical reviews

	A	B	C	D	E
	Last name, First name	Participant role	Participant type	Organisations of contributors	Title
1	Andersen, Jørgen Gaul	PI	External person		Med status for Status Samfundsmønstre for
2	Andersen, Jørgen Gaul	PI	External person		Spørgsmål (Q&P)
3	Andersen, Jørgen Gaul	PI	External person		New Challenges, Politics and Changing Welfare Pol
4	Andersen, Jørgen Gaul	PI	External person		Publik, magt og bevidsthed / Power and Political Di
5	Andersen, Jørgen Gaul	PI	External person		Welfare systems, opinion formation, trust and hope
6	Andersen, Jørgen Gaul	PI	External person		RESEARCH
7	Andersen, Jørgen Gaul	PI	External person		World Centre of Excellence in Welfare Research
8	Andersen, Jørgen Gaul	PI	External person		Welfare State Futures: Our Children's Europe
9	Bendix, Kasper	PI	Internal person	Department of Politics (I) Welfare studies	The Nordic Model and its Contemporary Inhabitant
10	Bendix, Kasper	PI	Internal person	Department of Politics (I) Welfare studies	RESEARCH
11	Dogaard, Thomas Engel	PI	External person		Social capital and underlying phenomena
12	Doh, Claudia	PI	External person		Migrants' Welfare State Attitudes
13	Filippou, Milla	PI	External person		Welfare State Futures: Our Children's Europe
14	Fredriksen, Martin	PI	External person		The Nordic Model and its Contemporary Inhabitant
15	Hodgson, Peter Hogg	PI	External person		Migrants' Welfare State Attitudes
16	Hindes, Brian	PI	External person		Welfare State Futures: Our Children's Europe
17	Jensen, Per H.	PI	External person		Med status for Status Samfundsmønstre for
18	Jensen, Per H.	PI	External person		New Challenges, Politics and Changing Welfare Pol
19	Jørgensen, Mette	PI	External person		Skolebørn, bevidsthed og læring - betydnin
20	Larsen, Christian Albrekt	PI	Internal person	Department of Politics (I) Welfare studies	Med status for Status Samfundsmønstre for
21	Larsen, Christian Albrekt	PI	Internal person	Department of Politics (I) Welfare studies	Spørgsmål (Q&P)
22	Larsen, Christian Albrekt	PI	Internal person	Department of Politics (I) Welfare studies	New Challenges, Politics and Changing Welfare Pol
23	Larsen, Christian Albrekt	PI	Internal person	Department of Politics (I) Welfare studies	Publik, magt og bevidsthed / Power and Political Di
24	Larsen, Christian Albrekt	PI	Internal person	Department of Politics (I) Welfare studies	The Three Worlds of Deservingness: A comparative
25	Larsen, Christian Albrekt	PI	Internal person	Department of Politics (I) Welfare studies	Welfare systems, opinion formation, trust and hope
26	Larsen, Christian Albrekt	PI	Internal person	Department of Politics (I) Welfare studies	Social capital and underlying phenomena
27	Larsen, Christian Albrekt	PI	Internal person	Department of Politics (I) Welfare studies	The Nordic Model and its Contemporary Inhabitant
28	Larsen, Christian Albrekt	PI	Internal person	Department of Politics (I) Welfare studies	RESEARCH

### Requirements

No special requirements. Available for all reporting users.

### Available resources

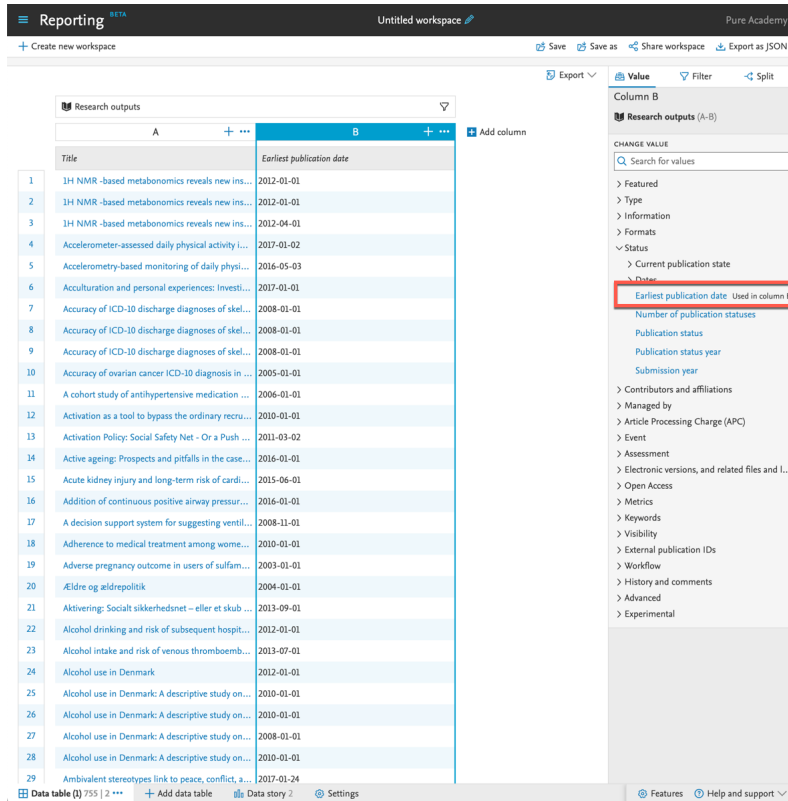
For general reporting resources, please consult the [Reporting section in Pure Academy](#) (Pure Client Space > Pure Academy - Enhance your knowledge > Reporting.)

For examples on reporting using the new reporting entities, please consult the [Reporting Community](#) (Pure Client Space > Client Communities > Reporting Community).

[Back to top of page](#)

## 6.2. Reporting on publication dates

You can now report on publication date more easily than ever in the reporting module. We have created a new value that can be used in the reporting module, which is the earliest of E-pub ahead of Print, and Published dates. With this new value you are ensured to only include your published outputs once in reports, when using rolling reporting, for instance if the Epub data was in one year and the published was in the next year. Since this is a saved field, using this will also dramatically speed up reporting.



The screenshot shows the Reporting module interface. The main table displays research outputs with columns for Title and Earliest publication date. The sidebar on the right shows a value selection menu for Column B, with 'Earliest publication date' highlighted in red. The table data is as follows:

	A	B
	Title	Earliest publication date
1	1H NMR -based metabonomics reveals new ins...	2012-01-01
2	1H NMR -based metabonomics reveals new ins...	2012-01-01
3	1H NMR -based metabonomics reveals new ins...	2012-04-01
4	Accelerometer-assessed daily physical activity i...	2017-01-02
5	Accelerometry-based monitoring of daily physi...	2016-05-03
6	Acculturation and personal experiences: Investi...	2017-01-01
7	Accuracy of ICD-10 discharge diagnoses of skel...	2008-01-01
8	Accuracy of ICD-10 discharge diagnoses of skel...	2008-01-01
9	Accuracy of ICD-10 discharge diagnoses of skel...	2008-01-01
10	Accuracy of ovarian cancer ICD-10 diagnosis in ...	2005-01-01
11	A cohort study of antihypertensive medication ...	2006-01-01
12	Activation as a tool to bypass the ordinary recru...	2010-01-01
13	Activation Policy: Social Safety Net - Or a Push ...	2011-03-02
14	Active ageing: Prospects and pitfalls in the case...	2016-01-01
15	Acute kidney injury and long-term risk of cardi...	2015-06-01
16	Addition of continuous positive airway pressur...	2016-01-01
17	A decision support system for suggesting ventil...	2008-11-01
18	Adherence to medical treatment among womene...	2010-01-01
19	Adverse pregnancy outcome in users of sulfam...	2003-01-01
20	Ældre og aldrepolitik	2004-01-01
21	Aktivering: Socialt sikkerhedsnet - eller et skub ...	2013-09-01
22	Alcohol drinking and risk of subsequent hospit...	2012-01-01
23	Alcohol intake and risk of venous thromboemb...	2013-07-01
24	Alcohol use in Denmark	2012-01-01
25	Alcohol use in Denmark: A descriptive study on ...	2010-01-01
26	Alcohol use in Denmark: A descriptive study on ...	2010-01-01
27	Alcohol use in Denmark: A descriptive study on ...	2008-01-01
28	Alcohol use in Denmark: A descriptive study on ...	2010-01-01
29	Ambivalent stereotypes link to peace, conflict, a...	2017-01-24

### Requirements

No special requirements. Available for all reporting users.



### Available resources

For general reporting resources, please consult the [Reporting section in Pure Academy](#) (Pure Client Space > Pure Academy - Enhance your knowledge > Reporting.)

[Back to top of page](#) 

### 6.3. Reporting on created by and modified by

We have updated the ability to report on the user that have created content and the user that have last updated content in Pure. This enabled reporting users to create workspaces to find content that last have been updated by certain users or created by certain users. We have added new relations from all content types to users one for created by and another for last modified by, so it is easy to add the needed information to our data table.

The screenshot shows the Pure Academy reporting interface. At the top, there are navigation icons for 'Data', 'Data as', 'Share workspace', and 'Export as JSON'. Below this is a toolbar with 'Export', 'Value', 'Filter', and 'Split' buttons. A 'New Column' dialog is open, showing 'Research outputs (A)' as the source. Under 'SELECT VALUE ON RELATED CONTENT', 'Content related to Research outputs' is selected. Under 'Users', 'Last modified' and 'Creator' are visible. The dialog indicates '123 Research output metrics'.

Below the dialog, a data table is displayed with columns A, B, C, and D. The table contains 28 rows of research output data. The 'Users' column (D) lists various users, including 'jris', 'bull', and 'Steen Rasmussen, Bull'.

	A	B	C	D
1	JH NMR-based metabolomics reveals new ins...	Number of research outputs	New	Ulfarsson
2	JH NMR-based metabolomics reveals new ins...	1		jris
3	JH NMR-based metabolomics reveals new ins...	1		jris
4	Accelerometry-assessed daily physical activity...	1		jris
5	Accelerometry-based monitoring of daily phys...	1		jris
6	Acculturation and personal experiences: Inves...	1		jris
7	Accuracy of ICD-10 discharge diagnoses of del...	1		jris
8	Accuracy of ICD-10 discharge diagnoses of del...	1		jris
9	Accuracy of ICD-10 discharge diagnoses of del...	1		jris
10	Accuracy of randomisation ICD-10 diagnoses in ...	1		jris
11	A cohort study of antihypertensive medication ...	1		jris
12	Activation as a tool to bypass the ordinary netw...	1		jris
13	Activation Policy: Social Safety Net - Or a Push...	1		jris
14	Active ageing: Prospects and pitfalls in the case...	1		jris
15	Acute kidney injury and long-term risk of card...	1	Steen Rasmussen, Bull	bull
16	Address of antibodies and/or virus proteins...	1		jris
17	A decision support system for suggesting venti...	1	Steen Rasmussen, Bull	bull
18	Adherence to medical treatment among womer...	1		jris
19	Adverse pregnancy outcome in users of sulfam...	1		jris
20	Äldre og värdnad	1		jris
21	Alleviating Swedish alcohol-related - after et al...	1		jris
22	Alcohol drinking and risk of subsequent heart...	1		jris
23	Alcohol intake and risk of venous thromboemb...	1		jris
24	Alcohol use in Denmark	1		jris
25	Alcohol use in Denmark: A descriptive study on...	1		jris
26	Alcohol use in Denmark: A descriptive study on...	1		jris
27	Alcohol use in Denmark: A descriptive study on...	1		jris
28	Alcohol use in Denmark: A descriptive study on...	1		jris

#### Requirements

There are no specific requirements for this feature/update.

#### Available resources

For general reporting resources, please consult the [Reporting section in Pure Academy](#) (Pure Client Space > Pure Academy - Enhance your knowledge > Reporting.)

[Back to top of page](#)

## 6.4. Line charts visualizations in the data story

We have introduced a new widget for data stories to enhance your narrative and visualizations. With the new line charts widget changes and trends in your variables over time are more apparent and help your audience better understand your core data story message.

Select a visualisation type



TEXT

COLUMN CHART

BAR CHART

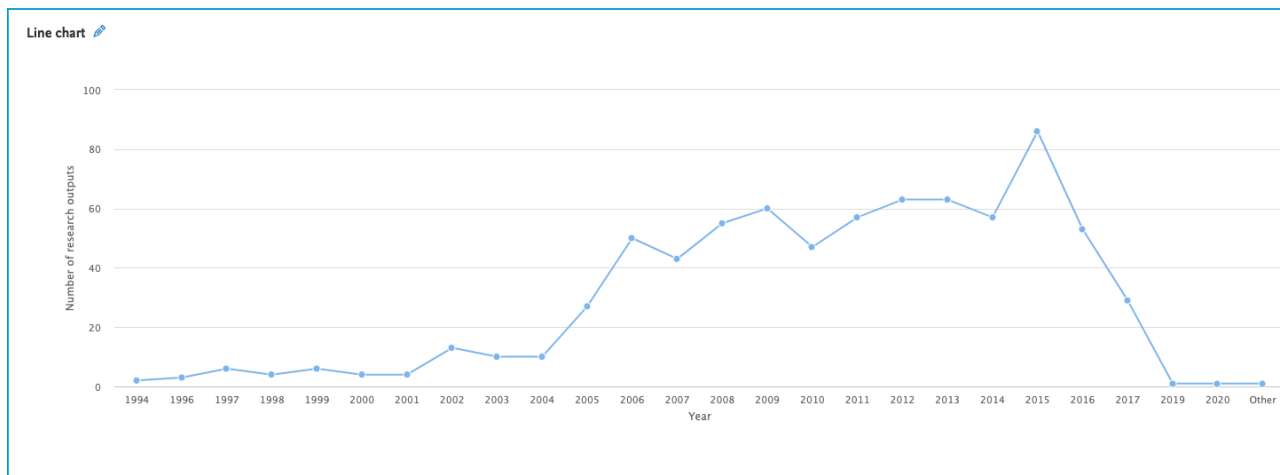
PIE CHART

**LINE CHART**

TABLE

LIST

SCORECARD



### Requirements

There are no specific requirements for this feature/update.

### Available resources

For general reporting resources, please consult the [Reporting section in Pure Academy](#) (**Pure Client Space** > Pure Academy - Enhance your knowledge > Reporting.)

[Back to top of page](#) 

## 6.5. Reporting module: Various updates

### Printing from Firefox

- It is now possible to use the printing of data stories using Firefox. Previously this was only possible using either Chrome, Edge or Safari.
- Updates to Spanish translations
  - We have updated the Spanish translation of Reporting to make this more precise. We have changed the word “información” to “reportes”.

[Back to top of page](#) 

## 7. Additional features of this release

### 7.1. Various updates

#### NIH CV template updates

- We have updated the NIH CV template in Pure to reflect the latest changes from NIH. This change doesn't affect any existing NIH CVs, so it is necessary to create a new NIH CV in order to use the updated template.

[Back to top of page](#) 

[Back to top of page](#) 

## Resolved issues

### Issues reported by YOUR INSTITUTION

[Improvements](#)

[Bugs](#)

[Complete list \(all issues\)](#)

### ALL issues

[Improvements](#)

[Bugs](#)

[Complete list \(all issues\)](#)

**Installation and downloading**

See the [Request Pure distribution file](#) page for information about how to request a new version of Pure.

**Other Resources and Links**

If you have problems with this release please contact [Pure Support](#) to get help.

**Pure hosting requirements**

See the [Pure Requirements](#) page for more information about the current hosting requirements for Pure.