

Data Analysis

Data Analysis Features of OnePacs

OnePacs offers several powerful means of analyzing the large volumes of data generated within OnePacs through use of the system.

OnePacs allows users, who have been given the "Generate spreadsheet or graphical report" permission by their OnePacs administrator, to view graphical charts representing data within the OnePacs system, generated in real-time, or to export data within the system to spreadsheet format, for further work and analysis using spreadsheet software such as the free [OpenOffice](#) package, or Microsoft Excel. The data export can also be used by administrators to create invoices by exporting study and radiologist related fees.

Export of data to spreadsheet

Most data within the OnePacs system may be exported into spreadsheet-readable format by choosing the "Export data to spreadsheet" option from the "Data Search/Export" menu. This feature is useful, for example, for [creating billing invoices](#). **There are two different types of searches: Custom free form searches and saved searches. Custom searches allow a custom date range. Saved searches can be scheduled to run and the last report from a saved search can be accessed by an API (contact OnePacs support).**

When exporting data in such a fashion, users may select a date/time range, facility or facilities, study status, and interpreting radiologist or radiologists for which to export data. Financial/billing information will be available only for administrator users. Select the dropdown arrow under the facility or radiologist selection to quickly select facilities or select the magnify glass to search for facilities to select. [Facility Groups](#) can be used to quickly select facilities that are generally exported together without necessarily saving an entire search.

Each study type will be exported on a separate line for the same study when more than one study type has been selected. If the "Include data for last report of each read type" checkbox is selected a separate line will also be produced for each read (preliminary, final) that was completed. Check the "Use facility default study type if none was specified" if no study type was selected during the workflow but the [default for the facility](#) should be included on the report.

Data Export Search

Return studies with the following statuses

All statuses
 Ready to Read Read
 Disregarded Dictated
 Transcribed For Comparison

Confirmation Status

All confirmation statuses
 Confirmed Unconfirmed Not required

Include data for last report of each read type
 Use facility default study type if none was specified

Date filter: Study Date: Custom Date range: Custom

Begin (CDT): 05/01/2020 12:00 AM End (CDT): 05/31/2020 11:59 PM

Date format: 2000-12-01 13:00:00 Time Zone: US/Central

Fields to include in the report: Custom

Facility group: Custom

Facilities: All facilities

Radiologists: All radiologists

Export CSV Cancel

Searches and fields

Searches and a selection of which fields are to be exported may be saved if they are used often. Combined with [facility groups](#) saved searches and fields allows users to quickly export data reports. For example, one may create a monthly billing saved searched that is linked to the saved fields that would be necessary for your monthly billing report and a saved date range of last month. Groups of facilities are billed together could be managed by facility groups. Reports are quickly generated by selecting each facility group or facilities from the list and clicking the "Export CSV" button.

Description	By Date	Date Range	Facility	Next Run
Monthly Billing	Report Completed ...	Last Month	All	
Yesterday With API and Schedule	Receive Complete T...	Yesterday	All	06/17 2:00

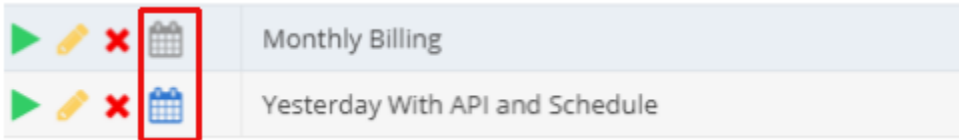
Edit - Billing

Description: Billing

- Patient
 - Patient name
 - Patient initials
 - MRN
 - DOB
 - Gender
- Order
 - Order number
 - Scheduled exam time
 - Admission id
 - Order priority
 - Read type requested
 - Reason for study
 - History
 - Procedures
 - Order received
 - Order last updated
 - Custom order fields
- Study Confirmation
 - History
 - Priors availability
 - Priors explanation
 - Study confirmed time
 - Confirmation study status
 - Study confirmed by user
 - Ordering physician
 - Ordering physician phone
 - Ordering physician id
- Study
 - Study date time
 - Study date
 - Study time
 - Study day of week
 - Study sent date/time
 - Study rcdv date/time
 - Accession #
 - Study description
 - Patient age
 - DICOM institution
 - Laterality
 - Pt. inst. residence
 - Modality
 - Body parts
 - Referring phys.
 - Number of views
 - Contrast status
 - Type and dose
 - Number of images
 - File size
 - Status
 - Study UID
 - Study link
 - Global study type
 - Local study type
 - Billing code
 - Study type modality
 - Study tags
 - Study tags codes
 - Stat status
- Report
 - Report date time
 - Report day of week
 - TAT (after receive)
 - Reading rad. username
 - Reading rad. id
 - Reading radiologist
 - TAT (after receive/confirm)
 - TAT (after confirm)
 - Current TAT standard
 - Deadline time adjustment (min)
 - Requested read type
 - Read type (prelim/final/other)
 - Result code
 - Result code meaning
 - Report (loses results)
 - Proofreader user id
 - Proofread completed date/time
 - Results Reporting
 - Results urgency
 - Receipt confirmation
 - Results description of finding
 - Results reported by
 - Results reported to
 - Results reported time
 - Results reported TAT
 - Results read back
- Facility
 - Facility name
 - Address
 - City
 - State
 - Zip
 - Phone number
 - Id
 - Region id
 - Text
 - Facility subgroup
 - Facility subgroup id
 - Administrative
 - Study notes
 - Radiologist IP address
 - Billing
 - Facility billing id
 - Radiologist fee
 - Study fee
- QA
 - Reported by
 - Discrepancy (text)
 - Response (text)
 - Altered patient care
 - Resolution
 - Severity
 - Created time
 - User
 - Responding user
 - Peer Review
 - Peer review code
 - Peer review result
 - Peer review comment
 - Clinically significant
 - Peer review author
 - Peer review status
 - Peer review source
 - Peer review level
 - Peer review date/time

Scheduling

Searches can be scheduled by clicking on the calendar icon.



The available schedule is determined by the date range. A monthly report can only be run on a monthly schedule while a daily report can be run daily.

Edit Schedule: Monthly Billing

Start: 06/16/2020 9:24 AM (CDT)

Repeat: Monthly

Save Delete Cancel

Data Export Results

When a data export search is run, the results will show in the data export tab.

Data Export Searches (2) Data Exports

Search: All Begin: 05/17/2020 End: 06/16/2020

Status	File	From	To	Created	Records	Size
Completed	Yesterday With API and Schedule-2020-06-15-to-2020-06-15-exported-2020-06-16-0201-CDT-onegacs-report.csv	06/15 0:00	06/15 23:59	06/16 2:00	0	825 bytes
Completed	Yesterday With API and Schedule-2020-06-14-to-2020-06-14-exported-2020-06-15-0201-CDT-onegacs-report.csv	06/14 0:00	06/14 23:59	06/15 2:00	0	825 bytes
Completed	Yesterday With API and Schedule-2020-06-13-to-2020-06-13-exported-2020-06-14-0201-CDT-onegacs-report.csv	06/13 0:00	06/13 23:59	06/14 2:00	0	825 bytes

Click on the file link to download the results of the export. You can search the export results by the search and the created date.

Special Noted fields

- **Custom order fields** - This is exported as **JSON**. If you want to export a particular field in a discrete column, certain spreadsheet applications (Google sheets, Excel) can parse JSON data in custom formulas.

Graphical Charts

Data within the OnePacs system may be graphed in 2D or 3D format in real-time by selecting the "Charts" option from the "Data Search/Export" menu.

Charting

Chart Criteria

Search by: Study Date

Begin: 05/01/2012 12:00 AM

End: 05/31/2012 11:59 PM

X-Axis: Facility

Y-Axis: |

Z-Axis: Study Fees
Study Fees (avg)
Radiologist Fees
Radiologist Fees (avg)
Study Fees - RadFees
Study Fees - Rad Fees (avg)
Turnaround Time (avg hours)
Number of Studies
Number of Images
Number of Images (avn)

Facilities
(No selection returns all):
Demo Facility A
Demo Facility B
Demo Facility C

Radiologists
(No selection returns all):
Admin, Demo (demo)
demoipad
User, Demo (Demouser A)
User, Demo (Demouser B)
User, Demo (Demouser C)
User, Filtered (demofilterreducer)

DICOM Institution Name:

Patient Institution Res:

Reset Create Chart

