PACE Cost Estimates

PACE Charges

PACE charges are separated into two categories: labor and technology. The information below is provided to address common cost scenarios.

Note: Billing for PACE is targeted for 1/2/2021.

Estimate of Labor Charges

New Users	Students	Honest Broker & Transfer Agent	Existing Users
One-time Fee	**One-time Fee**	**HB Recurring** $108 per Request	**Existing Users** $0 **One-time New Project Fee**
Onboarding, setup and support services.	Onboarding, setup and support services	**Transfer Agent** For the life of the project	Project setup and support services.
$628/person	**$410/person**	**$225/project**	**$280/project**

Note: The charges above are subject to change. Please contact the PACE team at pace_info@duke.edu or create an estimate in CoreResearch@Duke to obtain the latest rates.

Labor Charges

Scenario 1: New Users

New users are individuals who have not gone through the PACE provisioning process. This process includes Office of Inspector General review, Background Check review, IRB Key personnel check, training, and verification of other requirements outlined by the office of Privacy and Compliance and ISO. In addition, support services are included for New Users. Some of the common support services are PACE Office Hours, Analytical tool facilitation, data import support, and system support. More information concerning the PACE provisioning process and PACE services can be found in the PACE Service Agreement. An updated version of the PACE service agreement will be posted on the PACE Website by November 20, 2020. The New User will be charged a one-time fee for the package of services. If the New User is associated with more than one project, then he or she will be considered an Existing User for the later projects. Please see the Existing User scenario for more details.

Scenario 2: Student User

Students will need to undergo a similar onboarding process as a New Users; which includes an Office of Inspector General review, Background Check review, IRB Key personnel check, training, and verification of other requirements outlined by the office of Privacy and Compliance and ISO. Support services are also provided to students that

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system support, PACE Office Hours, and analytical tool facilitation. More details regarding the services provided to students can be found in the PACE Service Agreement. An updated version of the PACE service agreement will be posted on the PACE Website by November 20, 2020. The Student User will be charged a one-time fee for the package of services.

Scenario 3: Honest Broker and Transfer Agent

The Honest Broker receives and evaluates requests for data extractions. A typical project submits four requests a year, and it must be noted the charge for Honest Broker services occur on a per request basis. The Honest Broker also handles Transfer Agent requests. A Transfer Agent is a key personnel team member on a research protocol who is permitted to export approved, de-identified data from PACE. Unlike the Honest Broker services, the Transfer Agent is a one-line setup fee for a given project. Once issued Transfer Agent rights for a given project, the individual can extract approved content for the project at no additional charge. However, if the Transfer Agent needs to extract from another other project a setup fee will be applied.

Scenario A: Existing Users

There will be not be a charge for being an Existing Users; however, there will be a charge for the creation and support of a new project. Existing users can be added to a new project, at no additional fee.

PACE Projects

A project is the entity which governs access to data and supports team collaboration, and the PACE team creates "Project Folders" to manage appropriate rights. Projects can come in the form of IRB protocols, QI activities, RPR, or Student class projects.

Note: the PACE service agreement will provide detail on the level of services offered in PACE, and will it be posted on the PACE Website by November 20, 2020.

Cost Examples
Example 1:

I have a new project with a PI who is a new user, 2 staff members who are existing users, one of whom would be a transfer agent, and one student who is a new user.
Breakout:
- New Project: $280
- New user (PI): $628
- 2 - Existing users (Staff members) and TA: ($225x1) = $225
- New Student: $410
- **Total: $1,543 One-time charge**

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Example 2:

I'm the PI, who is an existing user, with a new project. I will have 2 students who are new users, no transfer agents, and expect to have monthly extracts for 12 months that will need to go through the HB.

Breakout

- New project: $280
- Existing user (PI): $0
- 2 – Students: ($410x2) = $820
  - **$1,100 One-time charge**
  - 12-HB Requests: ($108x12) = $1,296
- **Total: $2,396**

Example 3:

I'm a PI on an existing project, who needs to add an external collaborator who has not had a PACE account. I already have a transfer agent. I also need to add a student who has previously had PACE access last year to a different project.

Breakout

- New user (external collaborator): $628
- Existing user (Student): $0
- **Total: $628**

Technology Charges

Compute and Storage Charges

At the time of this writing, the compute charges associated with PACE delivered by three different providers: DHTS, OIT, and Azure (Microsoft cloud).

DHTS

DHTS provides the standard Citrix Virtual Desktop (VDI), which comes in two offerings:

- Simple Citrix Desktop (4CPU 8GB RAM)
- Complex Citrix Desktop (4CPU 16GB RAM)
- Isilon Storage (Project shares) (this storage is used by the Citrix, OIT, and Azure platforms)

  Note: the above charges are currently covered by the SOM for the next fiscal year; however, it is hard to determine how long they will cover these charges in the future.

Azure and OIT GPU

In situations where PACE users need larger compute or GPU, OIT or Azure can provide the desired compute within PACE. These provides payment plan are pay-as-you-go or lease options which are charged directly to funding sources.