

USER SURVEY RESULTS AND PARTNERSHIPS

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U.S. DEPARTMENT OF
ENERGY

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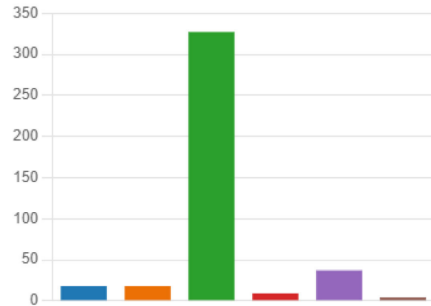
Advanced
Photon Source

DEMOGRAPHICS OF SURVEY RESPONDENTS

- Survey fielded October/November 2022
- 414 respondents (7% of the 5,558 survey recipients)

What is your primary APS affiliation?

APS staff member	18
Resident user/resident beamline...	18
General user	327
Partner user	9
Collaborative access team mem...	37
Other	4



What techniques do you use?
(Check all that apply)

Imaging techniques	96
Macromolecular crystallography	91
Scattering and diffraction techni...	253
Spectroscopy techniques	126



QUESTIONS ABOUT APS-U COMMUNICATIONS

Do you feel you are well-informed about the APS Upgrade Project?

Very well informed	123
Well informed	167
Somewhat well informed	99
Not well informed	23



Where do you get news and information about the APS and the APS Upgrade?

APS/Argonne website	95
Emailed updates	256
Q&A sessions	20
Other	39



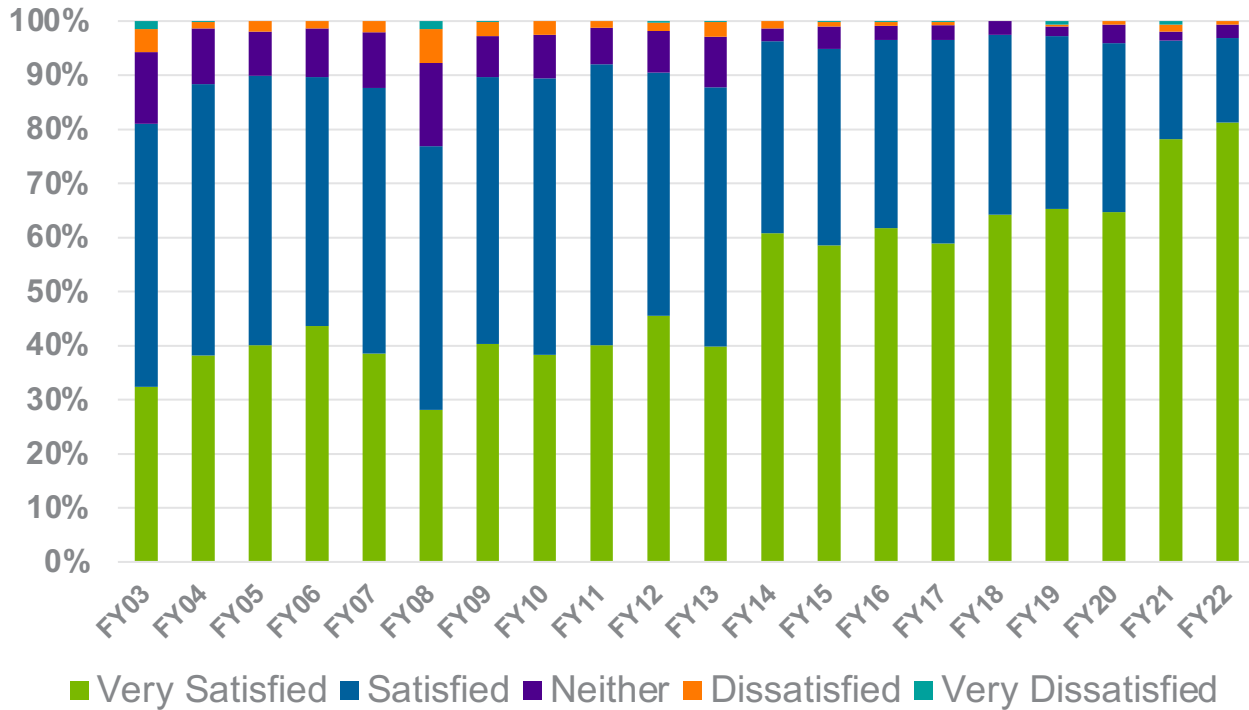
Have you participated in the twice-yearly APS Upgrade Q&A sessions?

Yes	78
No	328

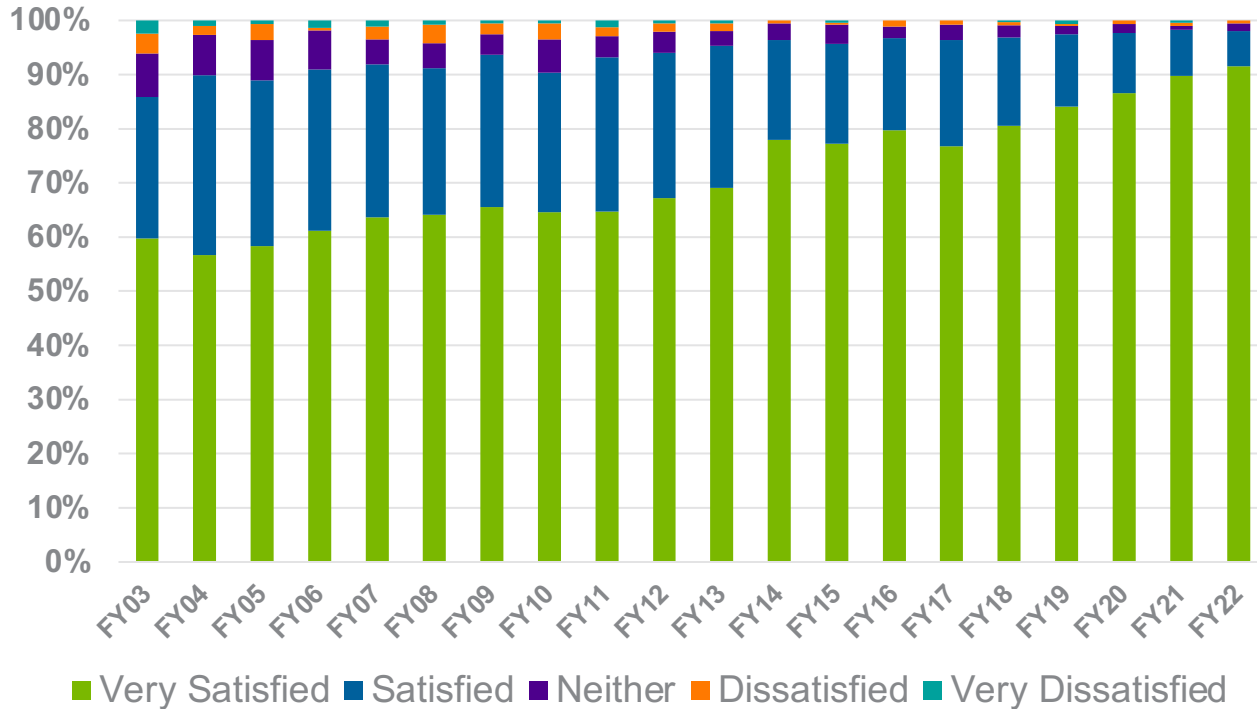


The next Q&A session will be held during the APS User Meeting. If you are in contact with users between now and then, encourage them to attend.

How satisfied were you with the fraction of the year that the facility operates?



How satisfied were you with the support for users provided by the beamline staff?



A LOT OF SHOUT-OUTS TO THE STAFF...

- We were so appreciative of **Dr. Sungsik Lee**, for his dedicated and professional assistance.
- **Steve Weigand** is awesome. So friendly, excited, charismatic, knowledgeable, and helpful
- **Yu-Sheng Chen** is wonderful and made everything about our visit better.
- **Andrey Yakovenko from 11-ID-C** was a fantastic trainer and provided us with virtual help even after his working hours!!
- Thanks to the cooperation of the 12-BM beamline manager, **Sungsik Lee**.
- **Beamline staff at 31-ID** have provided excellent support to our projects.
- Big thanks to the highly participating and enthusiastic **Wenqian Xu (17-BM)**.
- My **contacts at NE-CAT** are simply the best.
- APS is really a great facility. (my experience is only at **DCS**).
- The **staff and facility at SER-CAT** are excellent.
- Great support from the **staff at 33-ID**.
- Nothing but positive things to say about the local instrument **staff at Sector 1**.
- **Wei Bu and Mrinal Bera (Sector 15)** are the best scientists I have worked with.
- The beamline scientist **Pasha at 2-BM** went above and beyond helping us.
- Thanks for the help from **Saul Lapidus and his postdoc**.
- We hugely appreciate the help and expertise of **Jesse Hopkins and Max Watkins at BioCAT**.
- **Alex Deriy at 32** was a tremendous help.
- **24-ID-C and 24-ID-E** are very efficiently operated beamlines.

OPPORTUNITIES FOR IMPROVEMENT

Site Access

The security protocols need to be improved. Every time we had an uber driver come to pick us up the protocol was different!

Operations

There were more and longer beam dumps than one would like. Machine obsolescence is understandable, it is important to use this as feedback to DOE that such obsolescence has to be fixed on a continuing basis.

Amenities

I own an electric vehicle that I would like to drive to APS for beamtime. But visitors cannot use the onsite charging stations. For a DOE facility to not allow visitors to charge their vehicles on site seems very strange. I think this should be fixed.

Miscellaneous

The short run #2 and its interruption in August/September is very inconvenient.

SOME FINAL COMMENTS

I have been an APS user for over 10 years, first as a trainee and now a PI. The facilities have been essential to my research. Thank you for providing access to such an outstanding facility and services to general users.

Finish the upgrade as quickly as possible.

APS is an outstanding facility – has good safety support and beam energies for actinide/radioactive materials work.

You should strongly consider returning the Users Meeting to an in-person format. One of the most important aspects of this meeting is networking.

I received help and guidance from the APS staff at all required moments. My samples were run and the data collected was sent to me on a great timeline.

UPDATE ON NEW PARTNERSHIPS

- **Defense Materials Science Sector (DMSS)**
- **Diamond Light Source (DLS) / LS-CAT / APS collaboration to mitigate the impact of the dark time during APS-U for MX users**
- **SSRL collaboration to mitigate the impact of the APS dark time for MX users**



More details to follow on both the DLS and SSRL partnerships soon!

SYMPOSIUM AT THE APS/CNM USERS MEETING AND THE LAST LIGHT CELEBRATION

We are planning two events to mark the transition from APS to APS-U:

Symposium at the APS/CNM User Meeting
on the afternoon of Tuesday, April 18

Last Light Celebration (date TBD but expected to be near the start of the dark time).

Symposium Organization Committee

Jeff Collins (AES)
Geoff Pile (AES)
Karolina Michalska (XSD)
Suresh Narayanan (XSD)
Alec Sandy (XSD)
Susan White De Pace (PSC)
Michelle Mejia (APSUO Chair)
Lisa Keefe (IMCA CAT)
Communications Team

Last Light Organization Committee

John Byrd (ASD)
Anita Garcia (ASD)
Vadim Sajaev (ASD)
Steve Davey (AES)
Andrzej Joachimiak (XSD)
Dean Haeffner (XSD)
Tracy Thomas (PCS)
Denis Keane (DND CAT)
Mark Rivers (GSECARS CAT)
Communications Team

Currently planning both events. Ideas? Contact me or a member of our planning committee.