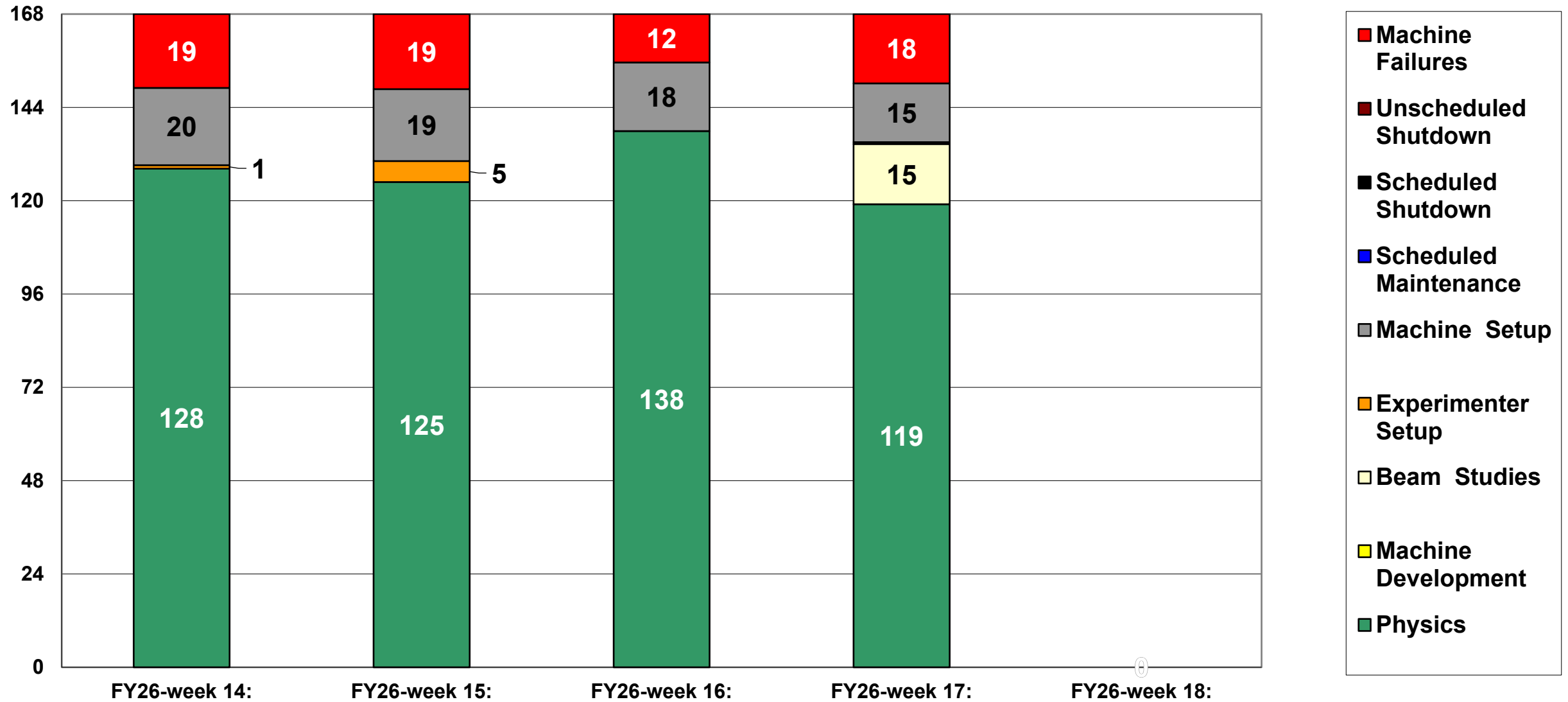
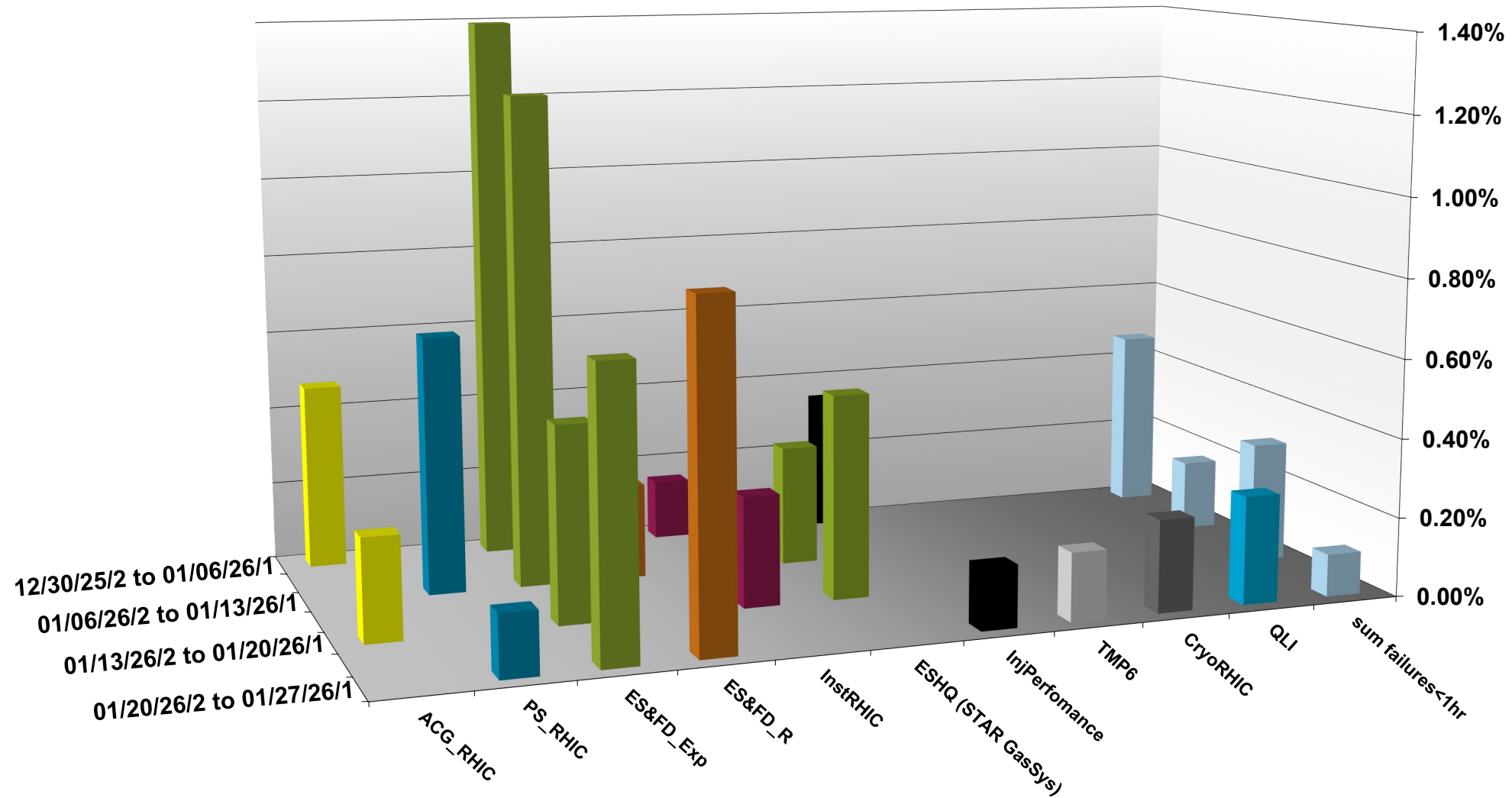


C-AD ACTIVITY January 2026



INTEGRATED FAILURES (GREATER THAN ONE HOUR) BY SYSTEM -- January 2026



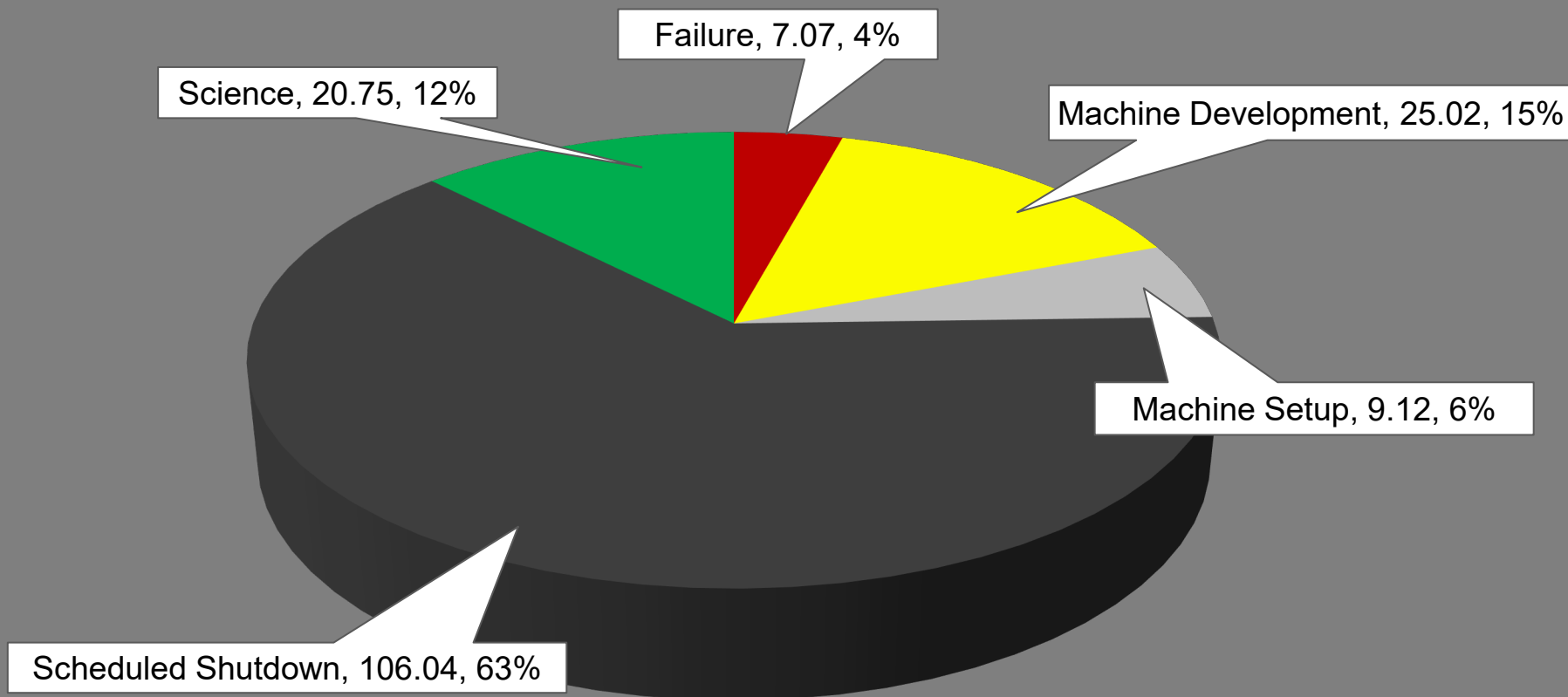
NSRL activity past weeks: 1/20-27/2026 (as of 0800)

NSRL running continued with various users and setup.

Linac protons, 11 EBIS ions in use (d, D2, O, Si, Ti, Fe, Nb, Ag, Tb, Ta, Bi)

Run 26-A continues, **schedule posted** with users up to **3 April**.

NSRL Hours



Notes from Operations

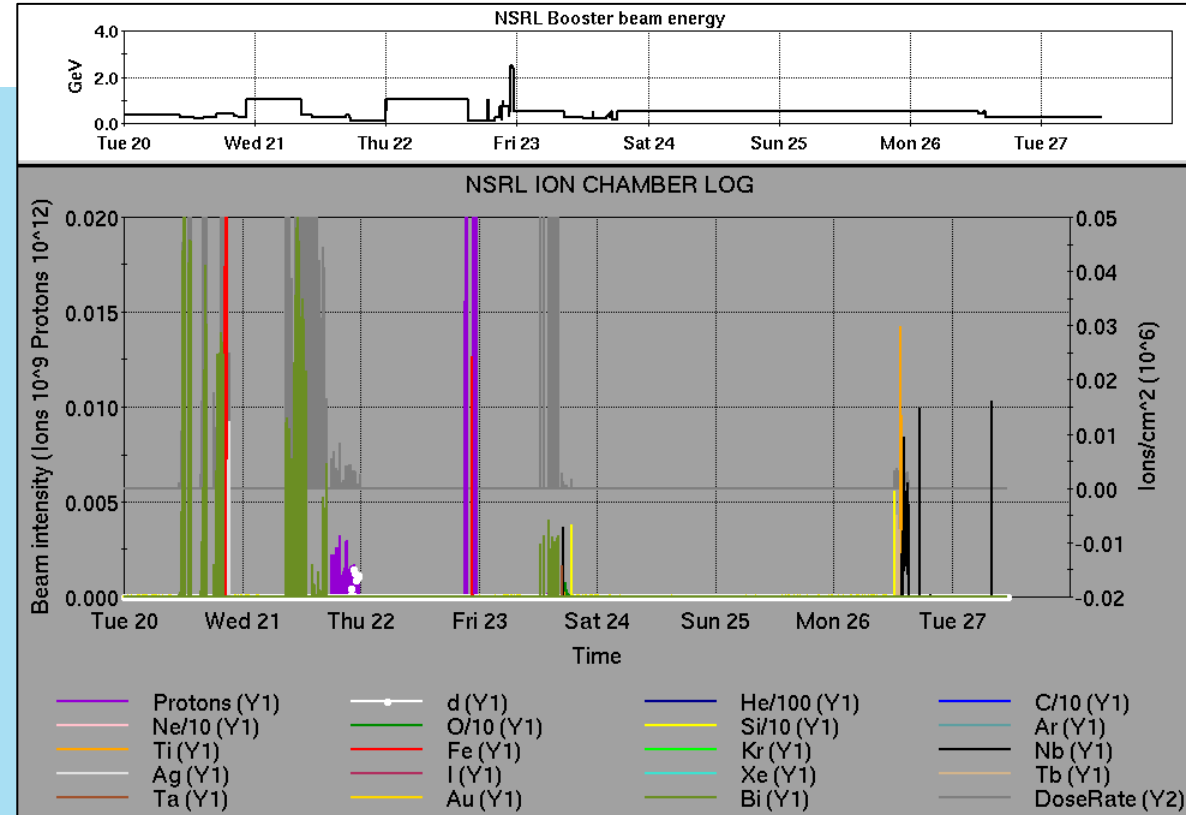
Notable failures (>1 hr)

- Accesses (4x) for sPHENIX coolant leak management, repair
- CeC gun, RF, PS, Cryo issues during APEX
- NSRL tower, chiller, compressor work; ACS *system not ready* following restoration
- Linac cooling pump replacement inhibits beam
- Cryo lead flow interlocks (3x)
- QLI during hysteresis ramp, recovery delayed by various Controls, QPA issues

Other notes

- AGS RFPA cooling failure, frozen fan/broken belt
- BLM beam abort on ramp, yi3-qs-ps trip
- Various Tandem intensity/stability issues, cooling tower makeup line failure
- LtB ion pump trip closing vacuum valves; interlock reconfigured
- AGS RF main breaker trip, undiagnosed; cavities restored
- Other various trips, resets, tuning

Polarized beam development, Oxygen setup, H₂ and other setup behind stores this week



	Linac	Tandem	EBIS	Booster	AGS	ATR	RHIC	ERL	Other	Total
Total	12 (31)	14 (23)	7 (6)	16 (5)	7 (13)	17 (0)	38 (15)	0 (0)	25 (9)	136 (102)
RF	0 (0)	0 (0)	0 (0)	7 (0)	0 (0)	0 (0)	0 (3)	0 (0)	8 (6)	15 (9)
PS	5 (20)	12 (1)	4 (4)	4 (1)	2 (6)	12 (0)	21 (0)	0 (0)	5 (2)	65 (34)
Vacuum	0 (0)	1 (22)	0 (2)	4 (3)	0 (0)	0 (0)	7 (12)	0 (0)	1 (0)	13 (39)
Inst	0 (0)	1 (0)	0 (0)	0 (1)	1 (2)	3 (0)	5 (0)	0 (0)	4 (1)	14 (4)
Other	7 (11)	0 (0)	3 (0)	1 (0)	4 (5)	2 (0)	5 (0)	0 (0)	7 (0)	29 (16)

Reminder from Operations

- MCR beam operations continue

- RHIC Tandem ions (Au) for STAR FXT and CeC APEX; Oxygen pending
- NSRL shifts scheduled for users & MD, 2 shifts/6 days this week, 5 days next.
 - Protons from Linac; end date 2/9.
 - Other ions, molecular beams from EBIS.
- BLIP target production not scheduled until March.
 - Beam from high intensity source in BLIP line anticipated 27 February, pending restart authorization and valid ORC.
- AGS tuning (Tandem O, polarized protons, EBIS H₂, D₂), other studies to continue behind stores as time allows.
- MCR shift coverage 24/7 *this week only*

- *Housekeeping note*

- Don't forget your gear! Keep it clear from panels, aisles, *accelerator components*...

Availability: RHIC Run-25

