Production Metrics at AMS

Apple, cherry, rhubarb, banana cream... what's in your pie charts?

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About AMS

- Non-profit Society founded in 1919
- 10 high impact technical journals (35,417 published pages in 2017) & other publications
- As a mission-driven organization, AMS Publications advance the atmospheric and related sciences for the benefit of society
- We use a Continuous Publication model where articles are published online when ready until an issue is closed and printed

What to Track???

Days to Publication
Open Access Article
Proof Assigned to Copy Editor
Proof Assigned to Technical Editor
Proof Assigned to Author
Manuscript Assigned to Copy Editor
Accepted Manuscript
Proof Assigned to Vendor for Corrections
Proof Assigned to Vendor for Graphics Processing
Waiting for Pre-Production Processing
Manuscript Assigned to Technical Editor
Ready for Publication
Manuscript Assigned to Technical Editor
Second Proof Assigned to Copy Editor
Second Proof Assigned to Technical Editor
Second Proof Assigned to Author
Second Proof Assigned to Vendor for Corrections
First Proof Assigned to Vendor for Corrections
First Proof Assigned to Technical Editor
First Proof Assigned to Author
Manuscript Assigned to Vendor for Graphics Processing
Manuscript Assigned to Vendor for Pre-Production Processing
Manuscript Assigned to Copy Editor
AMS Production

Pre-Production Processing > Vendor Manuscript Pre-Edit & Graphics Processing

Manuscript Copyedit > Manuscript Technical Edit > Vendor Typesetting

Author Proof > Vendor Proof Corrections > Proof Copy Edit

Proof Technical Edit > Final Corrections > Publish Online

Define Issue > Final Issue Corrections > Publish Print Issue

What AMS Production Tracks

Category 1: Number of papers ready for specific actions

Category 2: The number of tasks completed by staff, vendors, & authors

2017 First Proofs Copyedited
All staff anonymized as "ABC"
What AMS Production Tracks

- Category 3: Durations for task completions

What AMS Production Tracks

- Category 4: Counts relevant to production work but not directly impacted by it

How AMS Uses Metrics

- Identify workflow or tracking system problems and ways to increase efficiency
- Prioritize allocation of staff time
- Support management staffing decisions
- Contribute to employee and vendor evaluations
- Ensure author needs are being met
- Demonstrate accountability to our governing council
- Inform department budget
- Forecast future needs, revenue, and performance
Where to Start

• Identify the questions you need to answer
• Confirm your audience
• Define your terms
• Vet your results
• Consider how your vendor(s) can help