

Technical Statistics

What they tell us, and what they don't

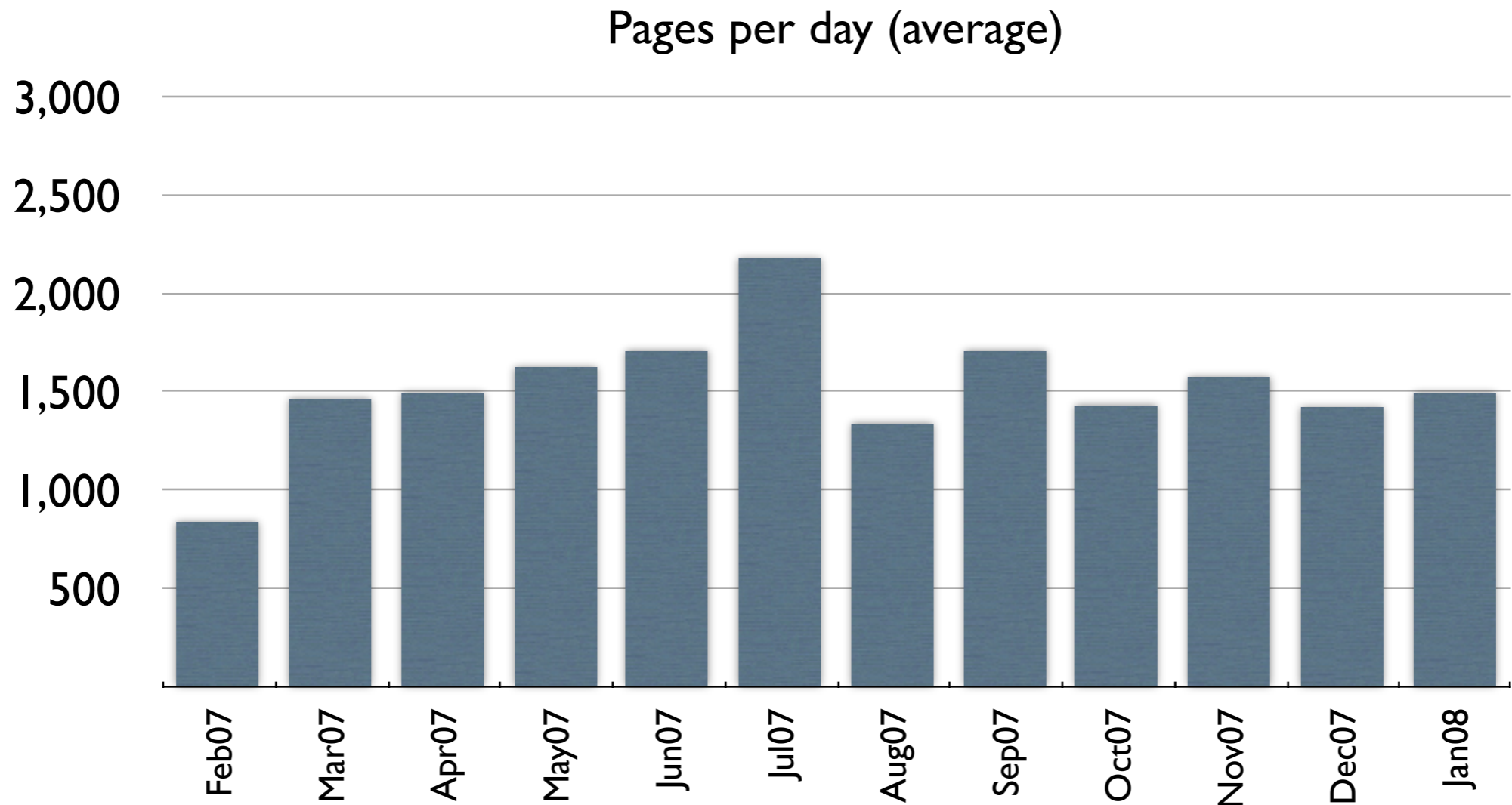
Ian A. Young, SDSS

London, 17th Jan 2008

Sources

- Federation web site logs
- Metadata download logs
- WAYF access logs
- Membership statistics
- Metadata statistics

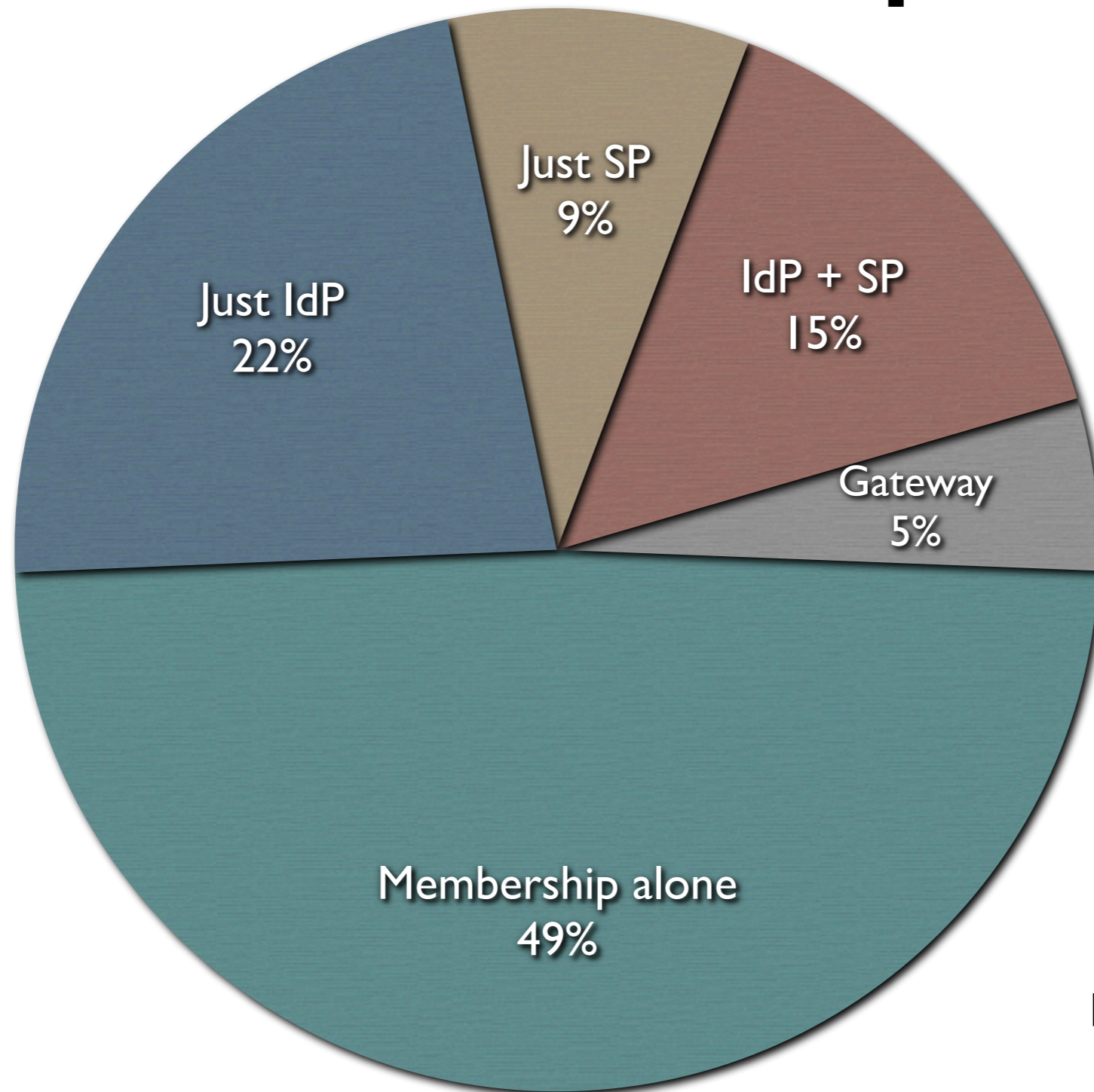
Federation Web Site



Federation Web Site

- We're seeing about 1500 page views per day at present: significant use
- That has been pretty stable for 11 months, although federation itself has grown
- Perhaps people use the site when they're joining, but not afterwards?

Membership

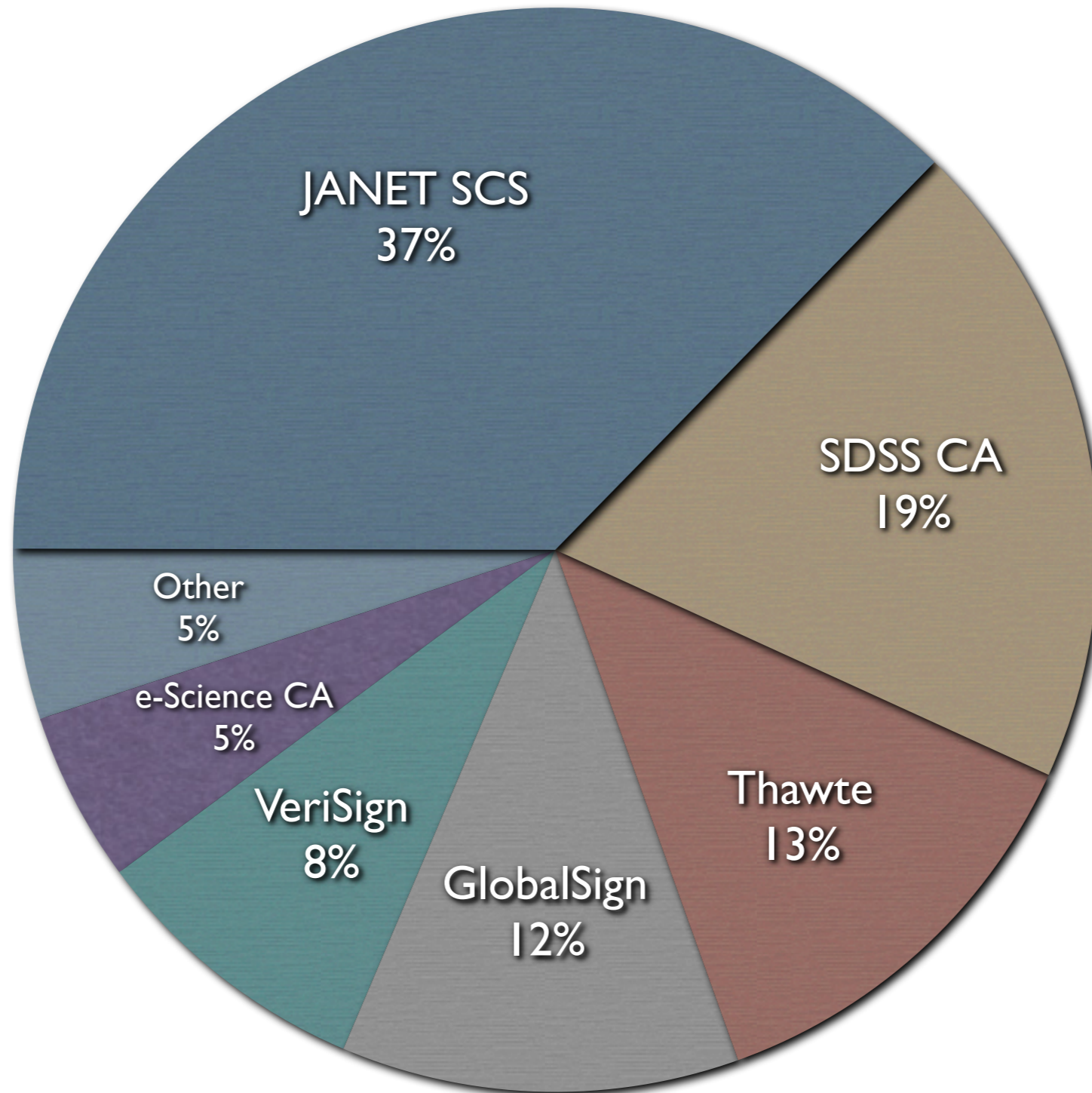


Data 11-Jan-2007

Membership

- Many members have both IdP and SP entities
 - may be for testing or for collaboration
- Half of members have no participation
 - Good awareness, bad deployment?
 - Planning on gateway use only?
- “Gateway members” beginning to show up

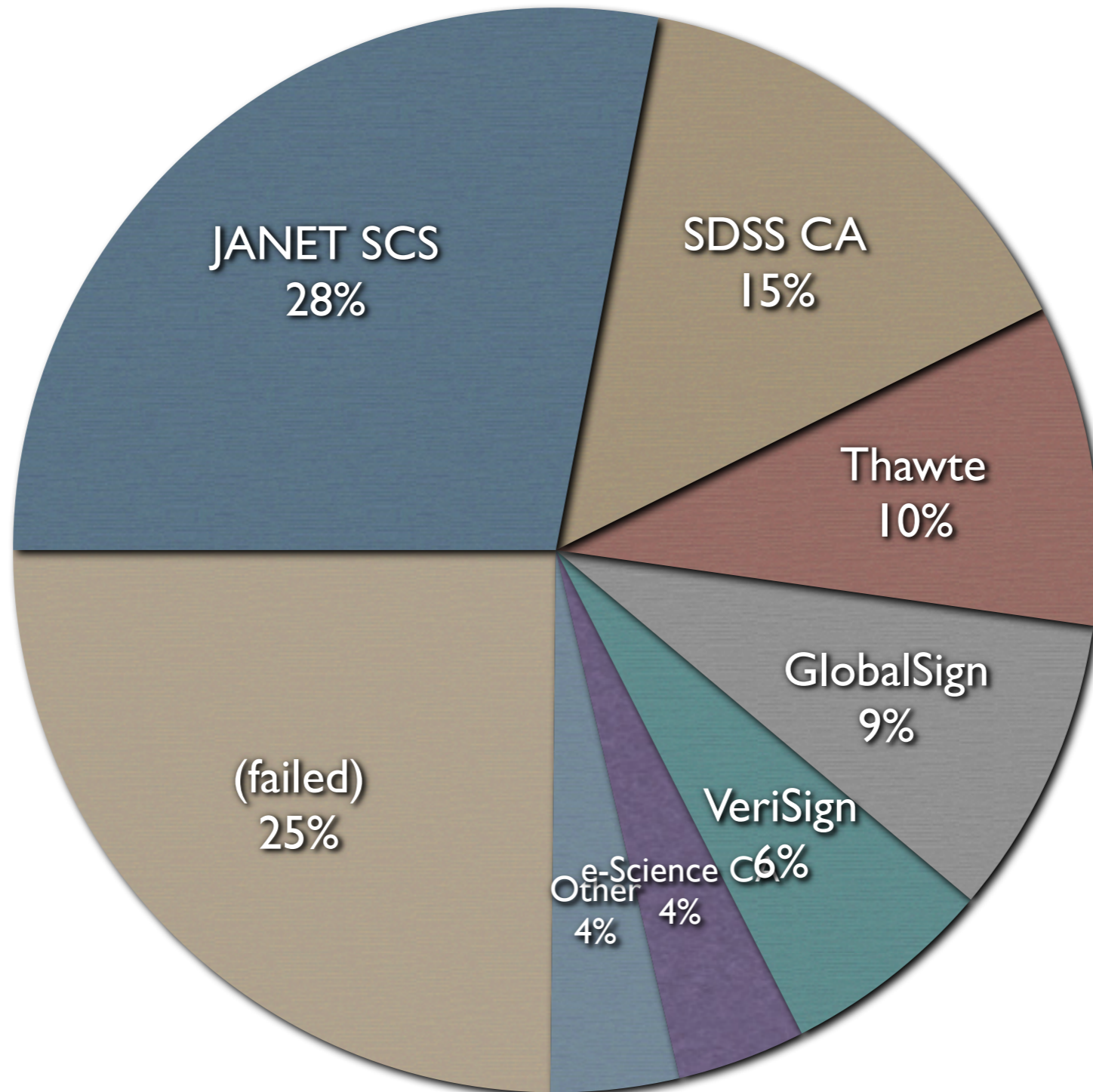
Browser Certificates



(ignoring failures)

Data 12-Jan-2007

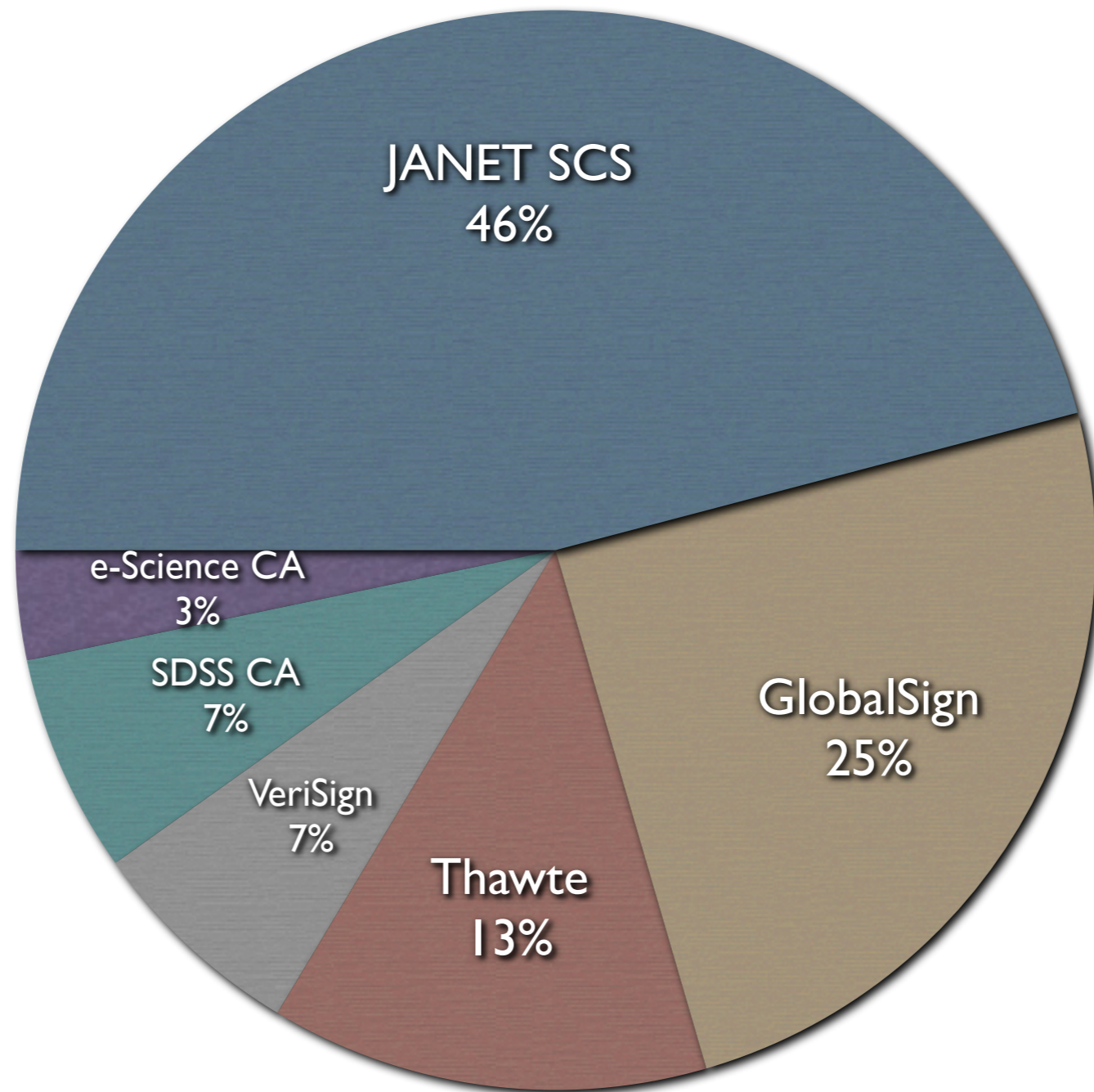
Browser Certificates



(including failures)

Data 12-Jan-2007

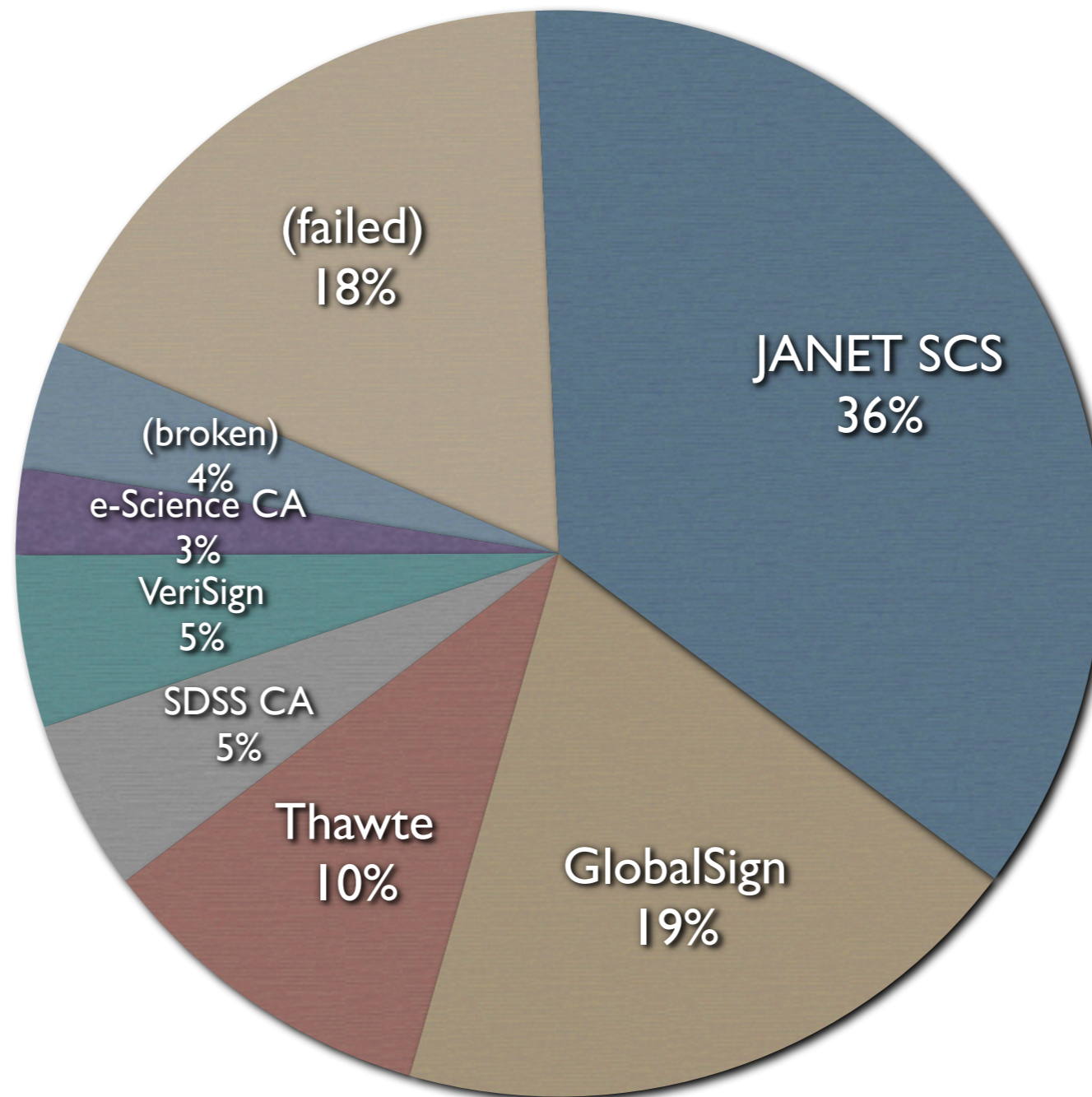
IdP Trust Certificates



(ignoring failures)

Data 12-Jan-2007

IdP Trust Certificates



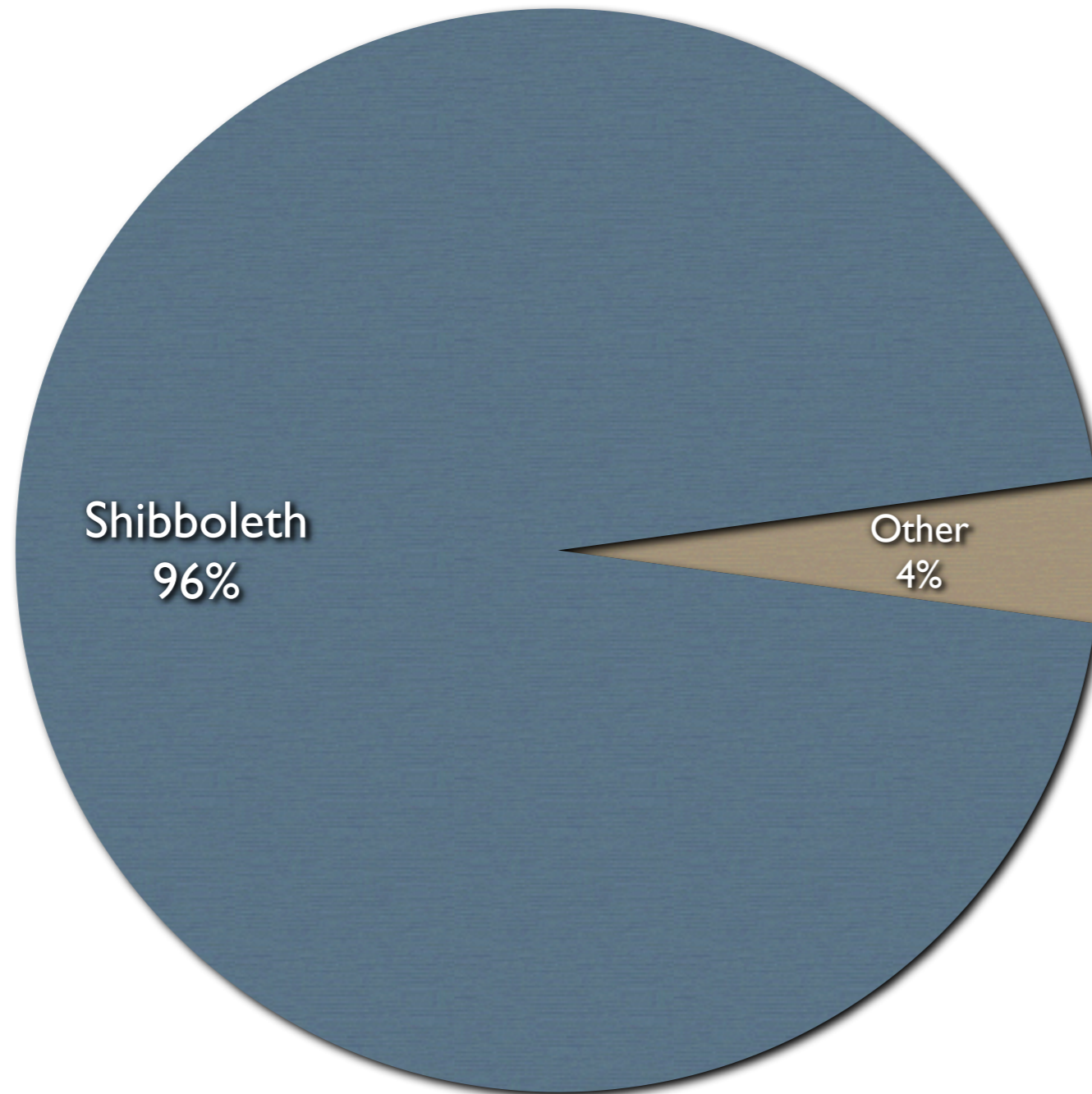
(including failures)

Data 12-Jan-2007

Certificates

- JANET SCS being widely used
- Significant number of entities offline
- Small number of IdPs “just broken”
- No way to survey SP trust certificates

Software



Data 12-Jan-2007

Software

- Shibboleth dominates
 - Almost all 1.3: only 3×1.2, 2×2.0
- If other software supported large scale federation, more people might use it.
- Need to determine how much to let technical holes in other software hold us back

Questions?