

# THE NEW MISSOURI METHOD

Integrating personal digital archiving (PDA) into the  
Missouri School of Journalism curriculum

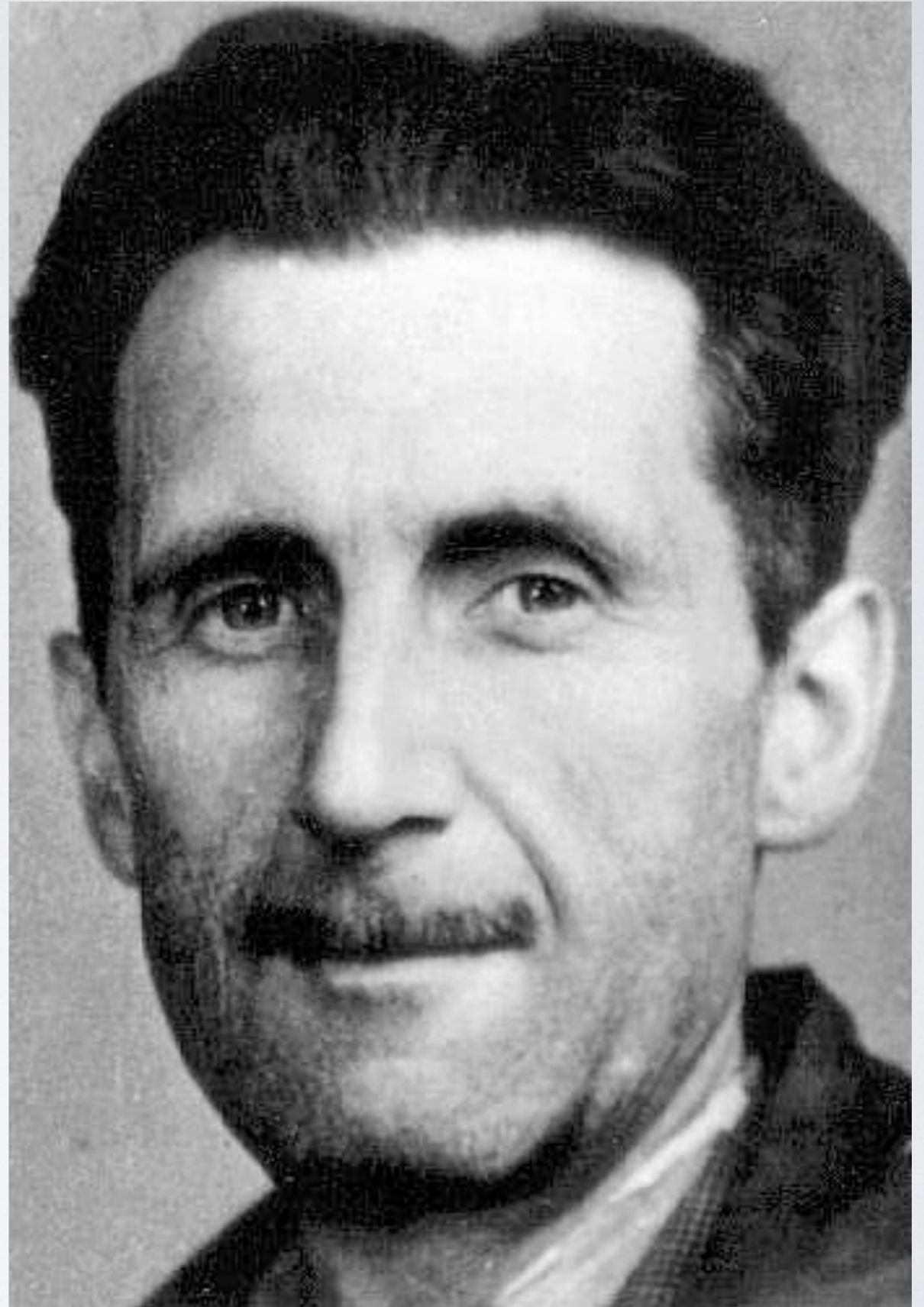
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Dorothy Carner, University of Missouri  
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[www.rjionline.org/jdna](http://www.rjionline.org/jdna)  
@RJJDNA  
#savenews

**1984**

**Eric Arthur Blair  
a.k.a. George Orwell**



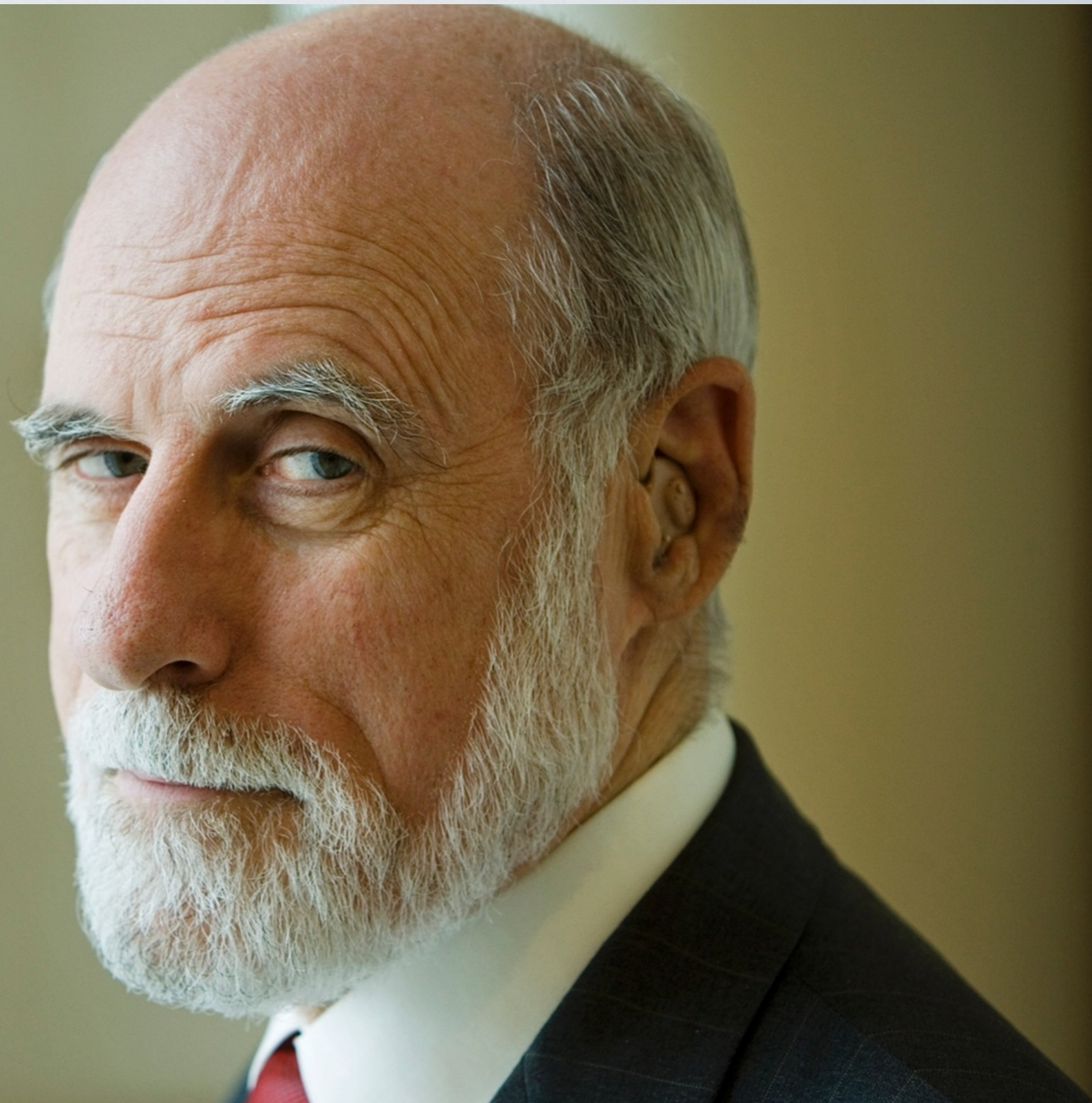


“FOR SOME REASON THEY WERE NICKNAMED MEMORY HOLES”

– Orwell, 1984

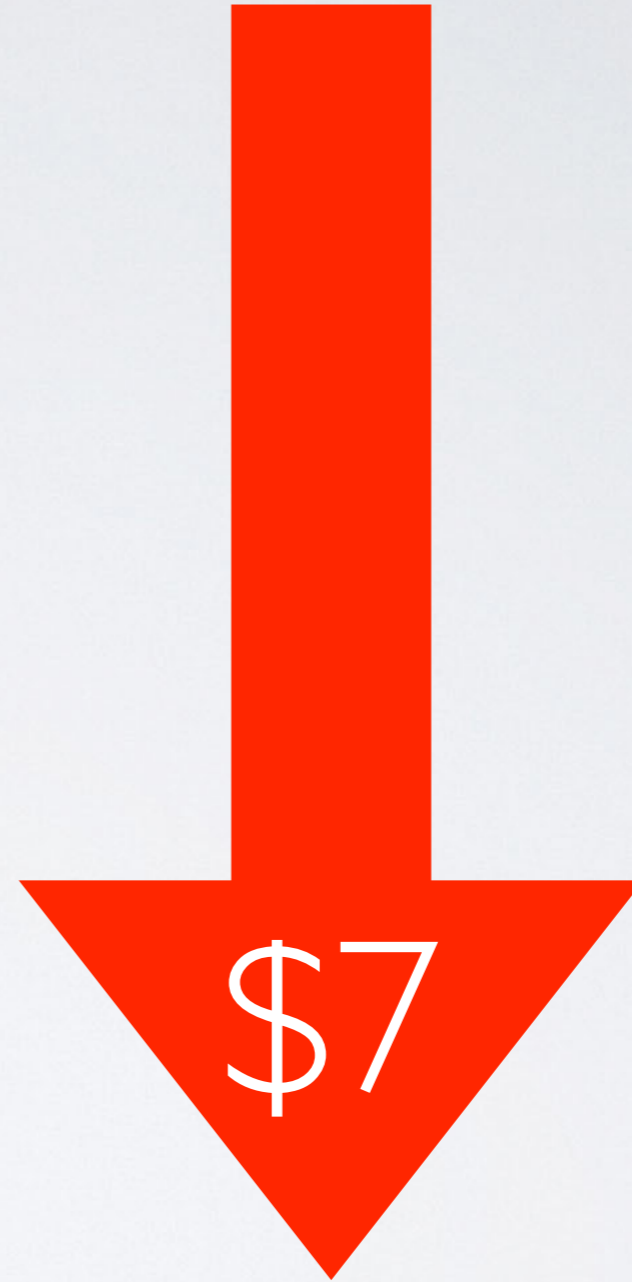
‘We are nonchalantly  
throwing all of our  
data into what could  
become an  
information black  
hole.’

–Vint Cerf



Photograph: Murdo Macleod

\$7 are lost in print revenue



For every \$1 gained in digital

Pew Research Center

THE BIBLE  
BY THE  
MAY 1850

BENNETT  
STARDING  
BORN  
MAY 28 1850  
DIED  
MAY 21 1857

FREDERICK  
C. HARDING  
BORN  
JAN 31 1865  
DIED  
AUG 17 1872



ALLIED NAVAL  
ARMY  
DIED JUNE 10 1872



# Newspaper Death Watch

Founded March 5, 2007

Chronicling the Decline of Newspapers and the Rebirth of Journalism

Paywall-Free

## R.I.P.

North American metro dailies that have closed since this site was created in March, 2007

[Tucson Citizen](#)

[Rocky Mountain News](#)

[Baltimore Examiner](#)

[Kentucky Post](#)

[Cincinnati Post](#)

[King County Journal](#)

[Union City Register-Tribune](#)

[Halifax Daily News](#)

[Albuquerque Tribune](#)

[South Idaho Press](#)

[San Juan Star](#)

[Honolulu Advertiser](#)

[Wikipedia list of defunct U.S. newspapers](#)

## W.I.P.

Works In Progress: Major metro dailies that have cut frequency or adopted hybrid online/print or online-only models.

[Ann Arbor News](#)

[Capital Times](#)

[Catskill Daily Mail & Hudson Register-Star](#)

[Christian Science Monitor](#)

## R.I.P. (Again) Tucson Citizen

By paulgillin | May 15, 2009 - 6:14 pm - Posted in [Business News](#), [Layoffs](#), [Local news](#), [NewMedia](#), [R.I.P.](#)

The 138-year-old Tucson *Citizen*, America's oldest newspaper, will print its last edition tomorrow, even as a prospective buyer howls in protest. The paper will continue online with what is being called a "modified" edition focused on commentary and opinion, but without news or sports coverage the newspaper is effectively dead.

Founded in 1870 as the *Arizona Citizen*, the daily has gone through a painful downsizing process, culminating in a bizarre series of late rescue attempts. Owner Gannett Co. announced in January that it was putting the *Citizen* up for sale and would shut down the paper in March if no buyer was found.

In February, the Justice Department said it was investigating the Gannett sale due to allegations that the company would not give up its interest in a joint operating agreement (JOA) it has with Lee Enterprises, publisher of the *Arizona Daily Star*. JOAs are legally sanctioned duopolies that enable partners to share profits and back office operations while maintaining competing editorial voices. Without the JOA, the *Citizen* is effectively a money pit.

### Failed Rescue Attempt

On March 16, just five days before the scheduled shutdown, we posted our first RIP for the newspaper, but the next day Gannett announced that two "very interested buyers" had emerged. In fact, the *Citizen* had at least five suitors during its final months, but none wanted to pay Gannett's price. Meanwhile, the Justice Department confirmed today that it has closed its investigation into the sale and will let the *Citizen* shut down.

The howls of protest are from Stephen Hadland, CEO of Santa Monica Media Corp., who says he still wants to buy the *Citizen* and who claims Gannett refuses to budge on price. The *Citizen* reported in March that Santa Monica Media is a "blank check company" that exists solely to perform mergers and acquisitions. Hadland has asked the Arizona attorney general for a temporary restraining order to prevent Gannett from closing the *Citizen*. With no further interference from the Justice Department, however, it appears that the closure is a done deal.

In a final strange twist, a Gannett implied that the stub of a website being kept in operation may be nothing more than a sop to the Justice Department to let the deal go through. Gannett revealed almost no details about the plans for the online operation and refused to say how long it will keep the site in operation.

The *Citizen* employs 60 people, most of whom will lose their jobs, although some may be retained to staff the Web operation.

**Update 5/16/09:** Arizona Attorney General Terry Goddard filed a complaint in U.S. District Court in Tucson late Friday to block the closure of the *Citizen*. A temporary restraining order is being filed. The move

## Arizona Citizen.



First issue of the Arizona Citizen, 1870

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[Speaker Information](#)

## Poll

What Do You Think of Jeff Bezos' Purchase of the Washington Post?

- It's the shot in the arm the industry needs
- Promising but it's too early to tell
- I'm nervous: he

RIP TUCSON CITIZEN | 1870-2009







The Tucson Citizen newsroom after its closing



The Tucson Citizen Morgue after the closing

### Search the Citizen



### Citizen Online Archive, 2006-2009

This archive contains all the stories that appeared on the Tucson Citizen's website from mid-2006 to June 1, 2009.

In 2010, a power surge fried a server that contained all of videos linked to dozens of stories in this archive. Also, a server that contained all of the databases for dozens of stories was accidentally erased, so all of those links are broken as well. However, all of the text and photos that accompanied some stories have been preserved.

For all of the stories that were archived by the Tucson Citizen newspaper's library in a digital archive between 1993 and 2009, go to [Morgue Part 2](#)

## TUCSON CITIZEN MORGUE, PART 1 (2006-2009)

### TucsonCitizen.com beta version launches today

by **Mark B. Evans** on **Jun. 01, 2009**, under **Local**

 +1  0
  Recommend  1  Send



**UPDATE:** We're working out some last minute glitches and the new site should be up soon.

At about noon today, we will switch over to the beta version of the new [TucsonCitizen.com](#).

The new site will appear fairly basic for a couple of weeks while programmers and designers work on its ultimate look and function.

About a dozen people have agreed to begin blogs or transfer their blogs to our new site. Some will begin blogging today, others throughout this week and next.

Another dozen or more have expressed strong interest and are likely to begin blogging before the month is out.



## Search the Citizen

Google™ Custom Search

Search

## Citizen Online

### Archive, 2006-2009

This archive contains all the stories that appeared on the Tucson Citizen's website from mid-2006 to June 1, 2009.

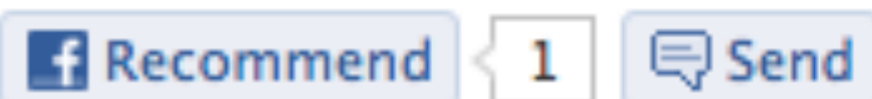
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by Mark B. Evans on Jun. 01, 2009, under Local



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## Search the Citizen

Google™ Custom Search

Search

### Our Digital Archive

This blog page archives the entire digital archive of the Tucson Citizen from 1993 to 2009. It was gleaned from a database that was not intended to be displayed as a public web archive.

Therefore, some of the text in some stories displays a little oddly. Also, this database did not contain any links to photos, so though the archive contains numerous captions for photos, there are no links to any of those photos.

There are more than 230,000 articles in this archive.

In TucsonCitizen.com Morgue, Part 1, we have preserved the Tucson Citizen newspaper's web archive

# TUCSON (1993-2009)

## Arizona by Tucson



*Citizen State*  
**THE FINAL**

Citizen State

The Arizona  
9-3 on Friday

The Wildcat

The record  
127th home

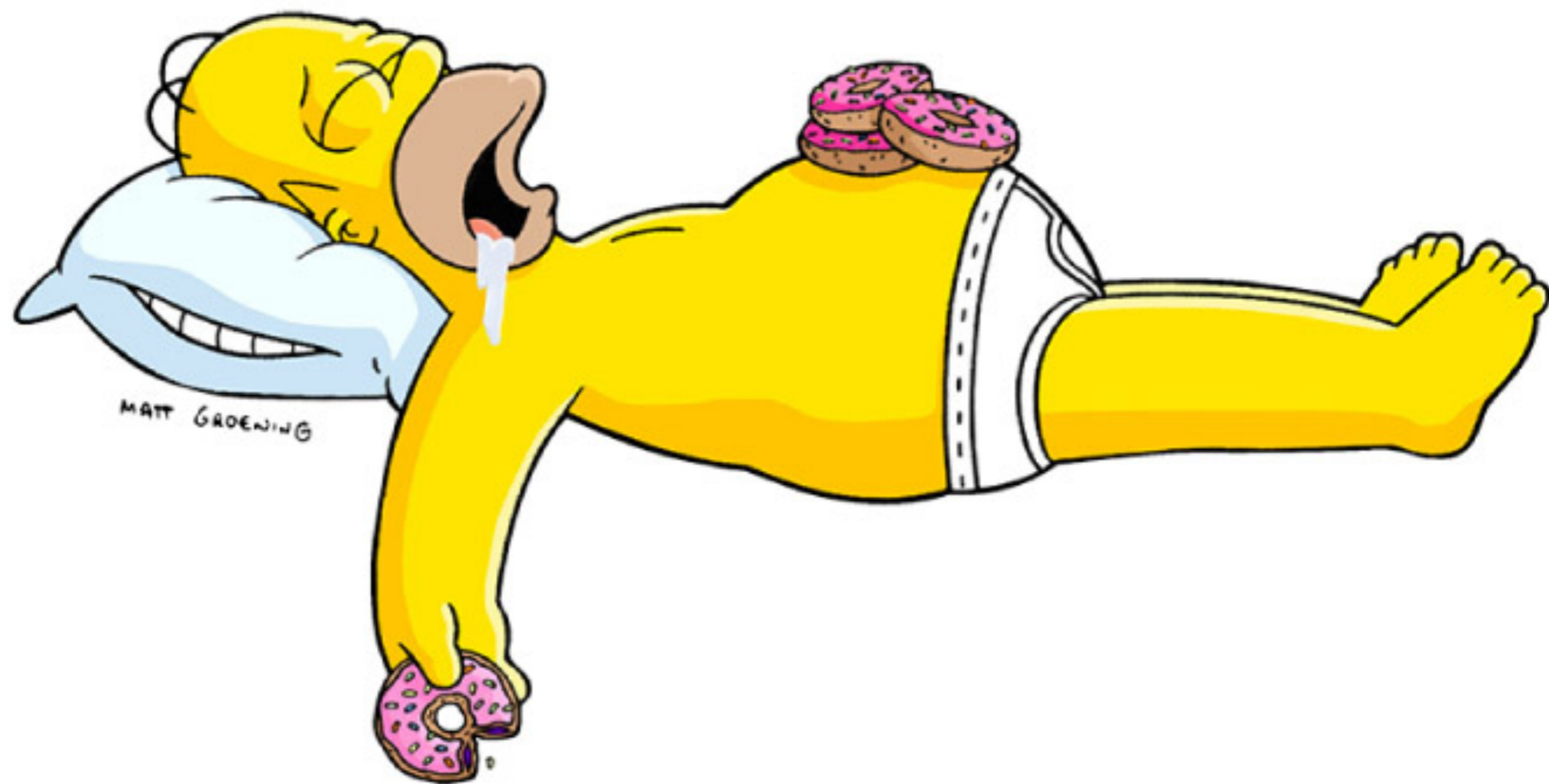
“I do not th  
Candrea in





## **Error 404 - page not found.**

**The page you are looking for has moved or no longer exists. Please use the menu above to go back to the site, or try the search bar above to locate the item you where looking for.**



# The GDELT Project

INTERNET ARCHIVE







## COLUMBIA MISSOURIAN Newspaper Library

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The Missouri School of Journalism  
315 Lee Hills Hall  
University of Missouri-Columbia  
(573) 882-4876

### About the Library

The Missouriian Newspaper Library maintains clippings from the *Columbia Missourian* and the *Columbia Daily Tribune*. These consist of subject, biographical and photo files on local institutions and events. The dates covered in the files vary, but most go back to at least 1989. Photo and

biographical files may go back farther. Online archives from the *Columbia Missourian* date from early 2002 to the present, along with digitized versions of the newspaper from 1929 and 1966-1985.

### Search the Missouriian Archives

- [Search the archives of the \*Columbia Missourian\* print edition from February, 2002 to the present](#)
- [Search Tips for the Missouriian archives](#)
- [Digitized Missouriians, 1929, 1966 – 1985](#)  
Full text searching of the Missouriian through the Missouri Historical Newspaper Project

### PLEASE NOTE

- At this time there are no electronic archives for the 1986 – early 2002 Archives.
- [Vox Magazine](#) is kept through the magazine office.

## Search the Missourian Archives

- [Search the archives of the \*Columbia Missourian\* print edition from February, 2002 to the present](#)
- [Search Tips for the Missourian archives](#)
- [Digitized Missourians, 1929, 1966 – 1985](#)  
Full text searching of the Missourian through the Missouri Historical Newspaper Project

## PLEASE NOTE

- At this time there are no electronic archives for the 1986 – early 2002 Archives.
- [Vox Magazine](#) is kept through the magazine office.



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digital  
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archive

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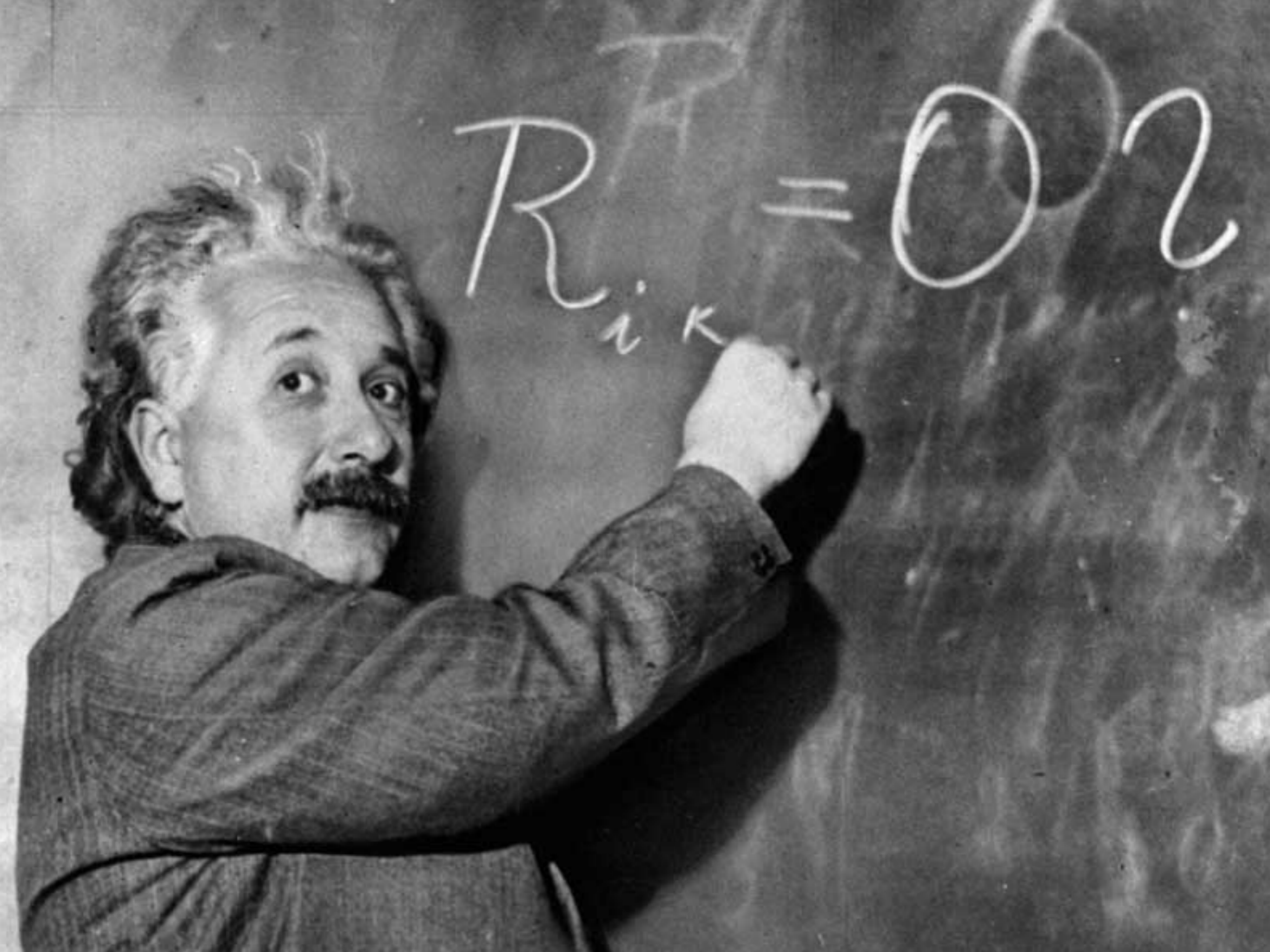
the

memory

hole



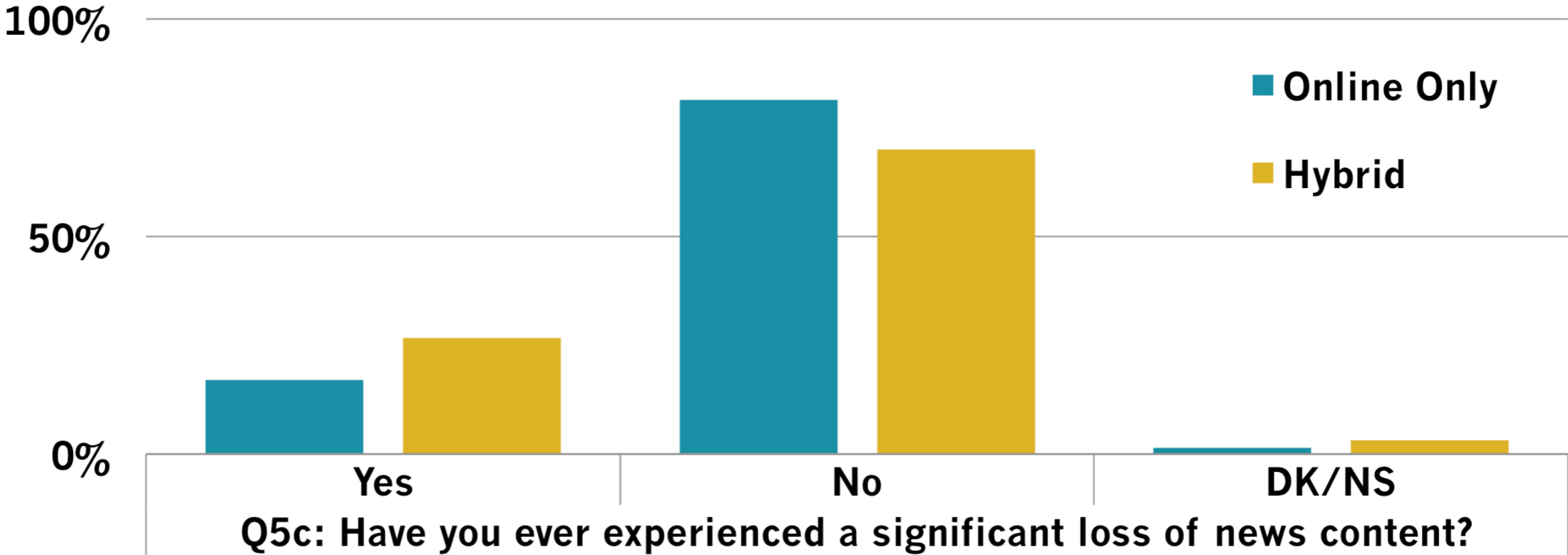




$$R_{ik} = 0$$

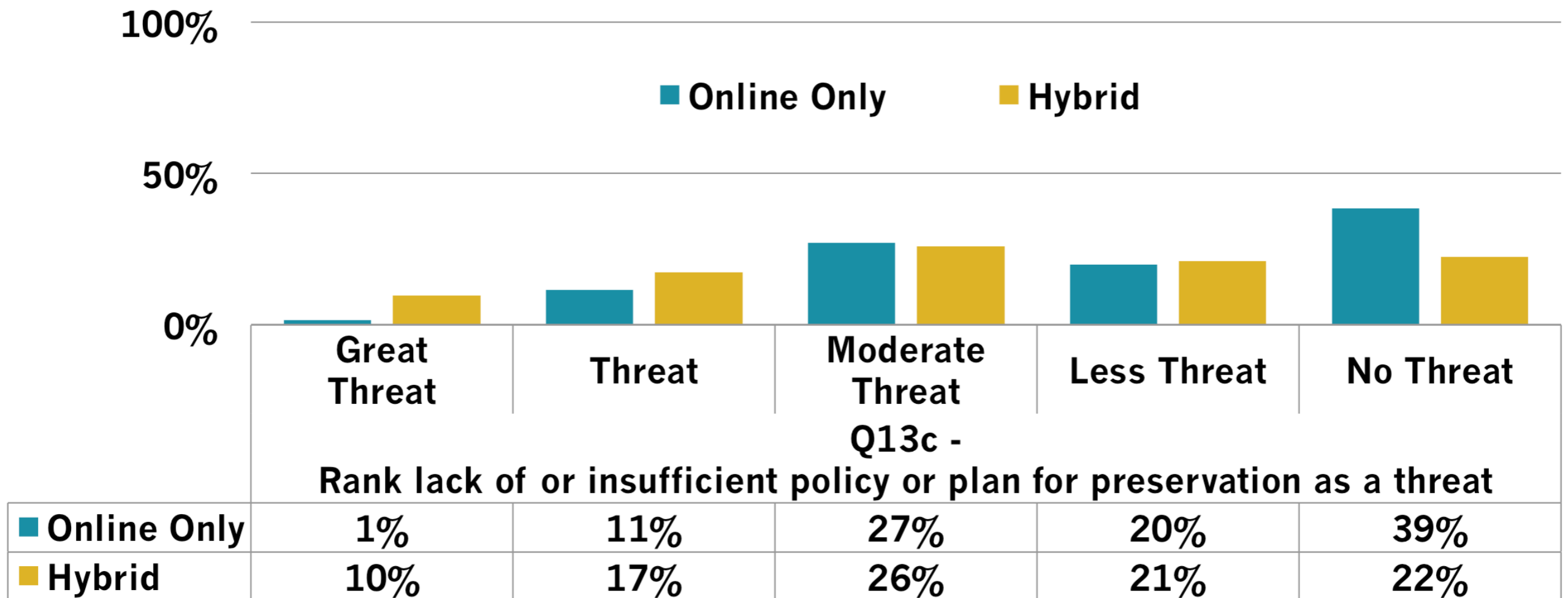


# Significant Loss of News Content

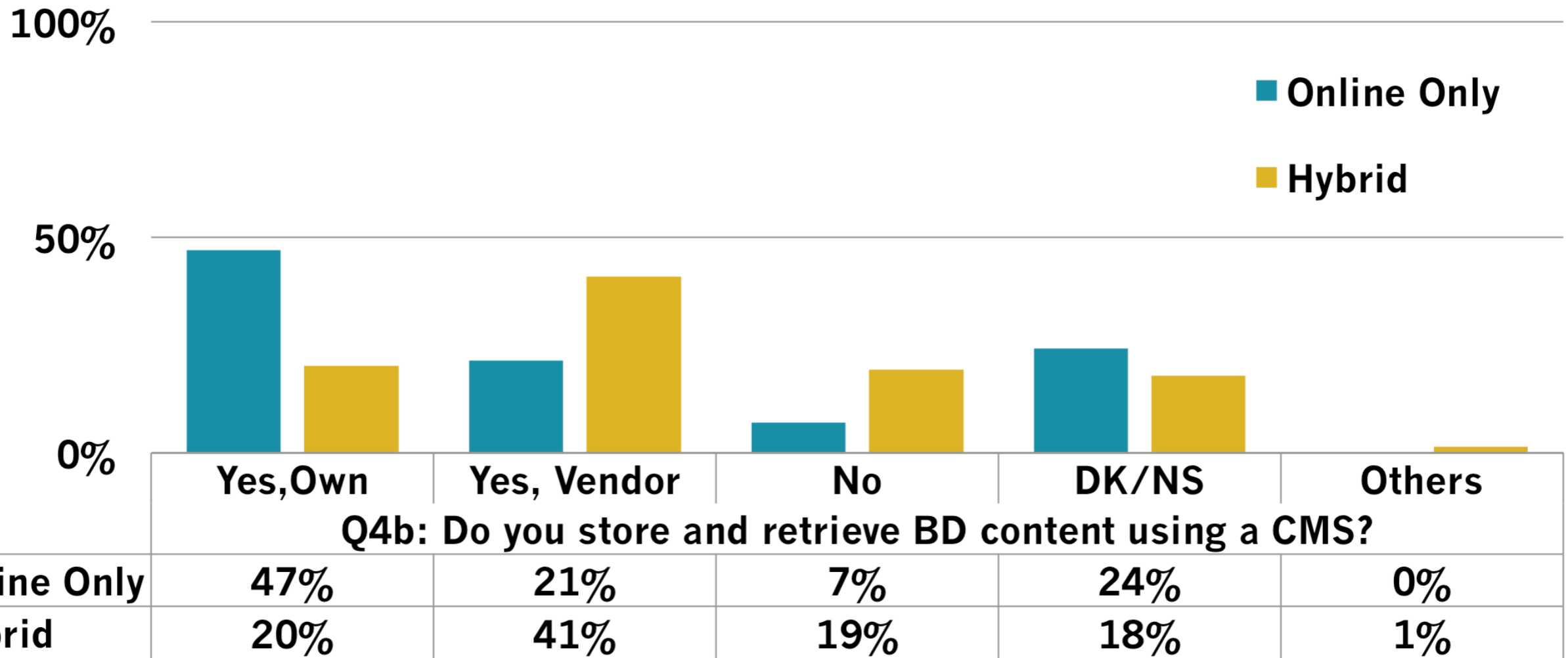


	Yes	No	DK/NS
■ Online Only	17%	81%	1%
■ Hybrid	27%	70%	3%

# Insufficient policy as threat to BNDC



# CMS usage to store/retrieve BDNC



# SURVEY



School of Journalism  
University of Missouri

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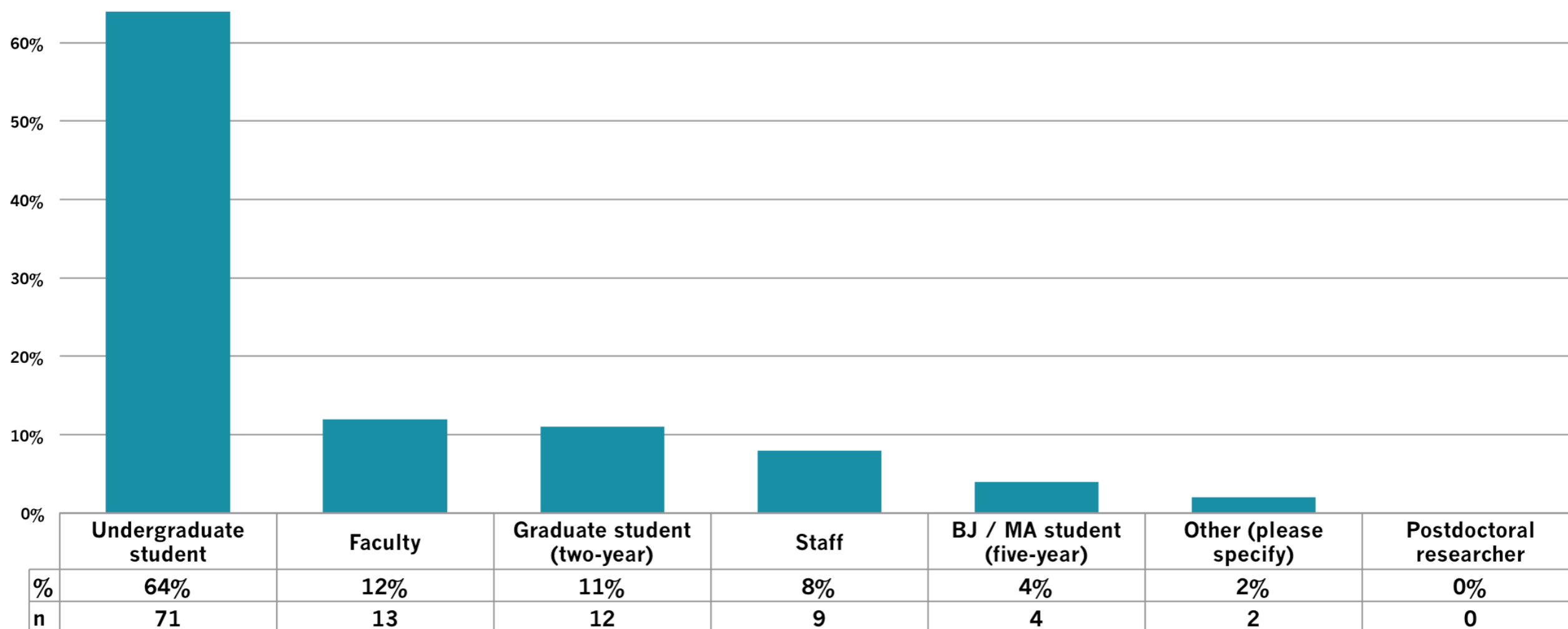
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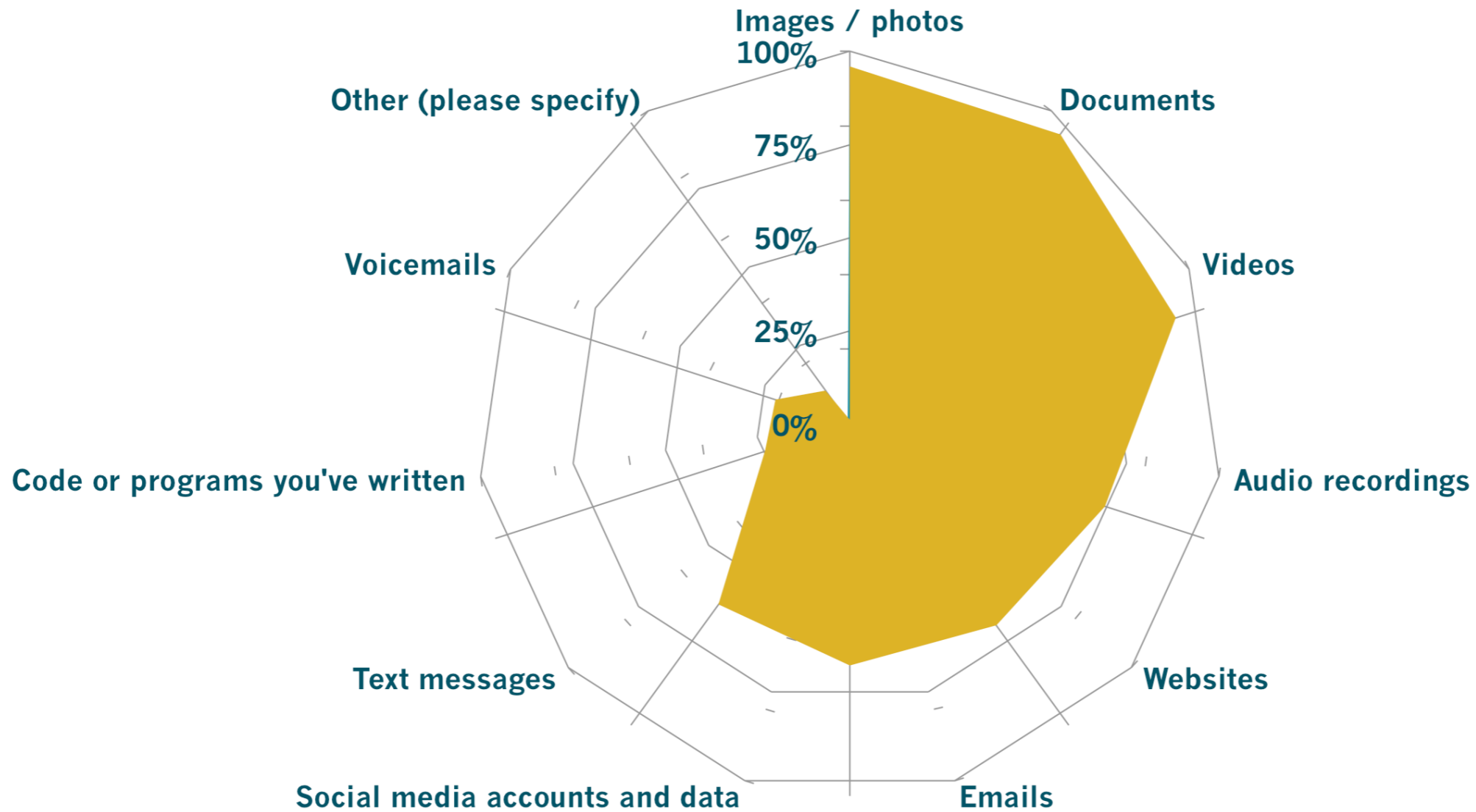
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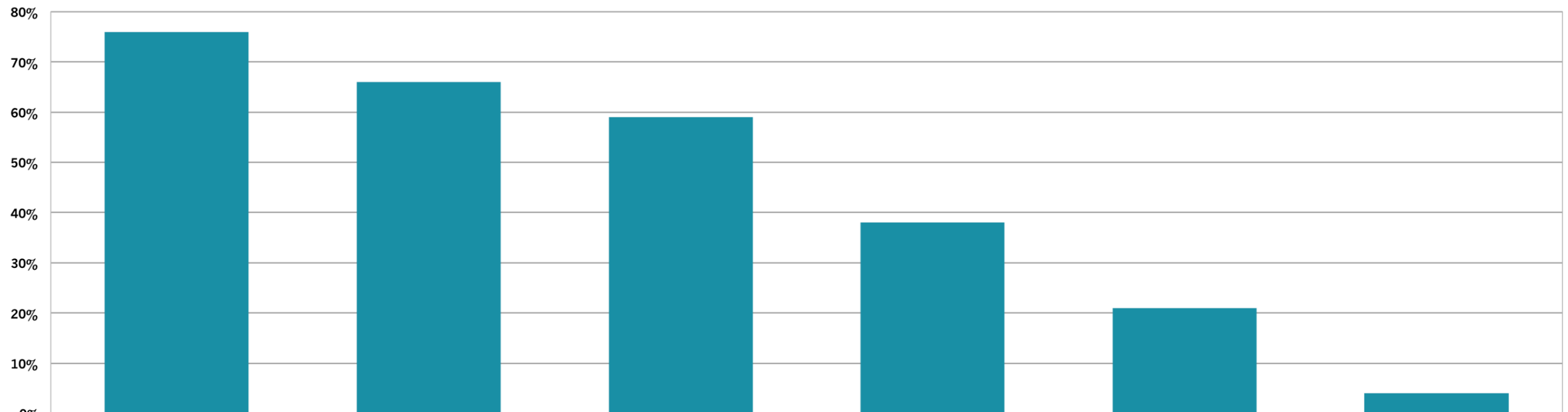
## To which of the following communities do you currently belong?



# What types of digital files do you have that you might want to maintain and keep accessible for one to five years (for a work portfolio or personal reasons)?

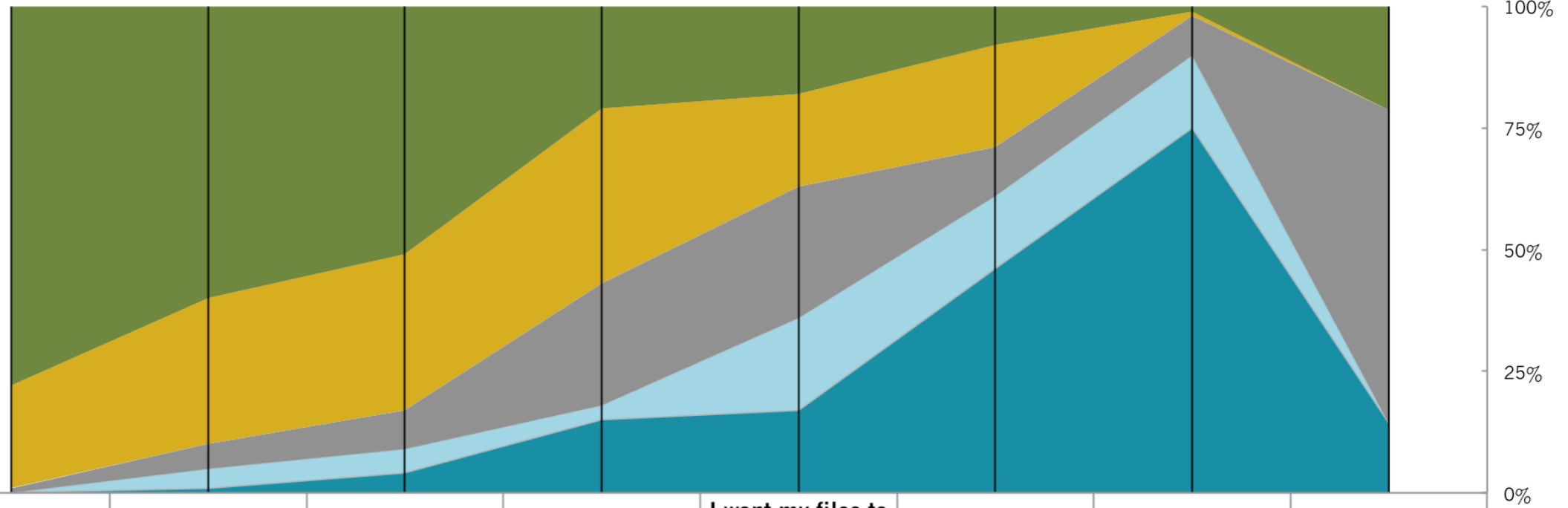


## What methods do you use to store your digital files? Please check all that apply.



	Store duplicate copies of files in multiple locations (e.g., laptop and external hard drive, phone and cloud storage)	Store files using online or cloud-based service (e.g., Box, Dropbox, Google Drive, iCloud)	Store files on a device and move them to another device (portable hard drive or USB flash drive) or computer as needed	Store files in an email account	Store files only on one computer/device	Other (please specify)
%	76%	66%	59%	38%	21%	4%
Response	81	70	63	40	22	4

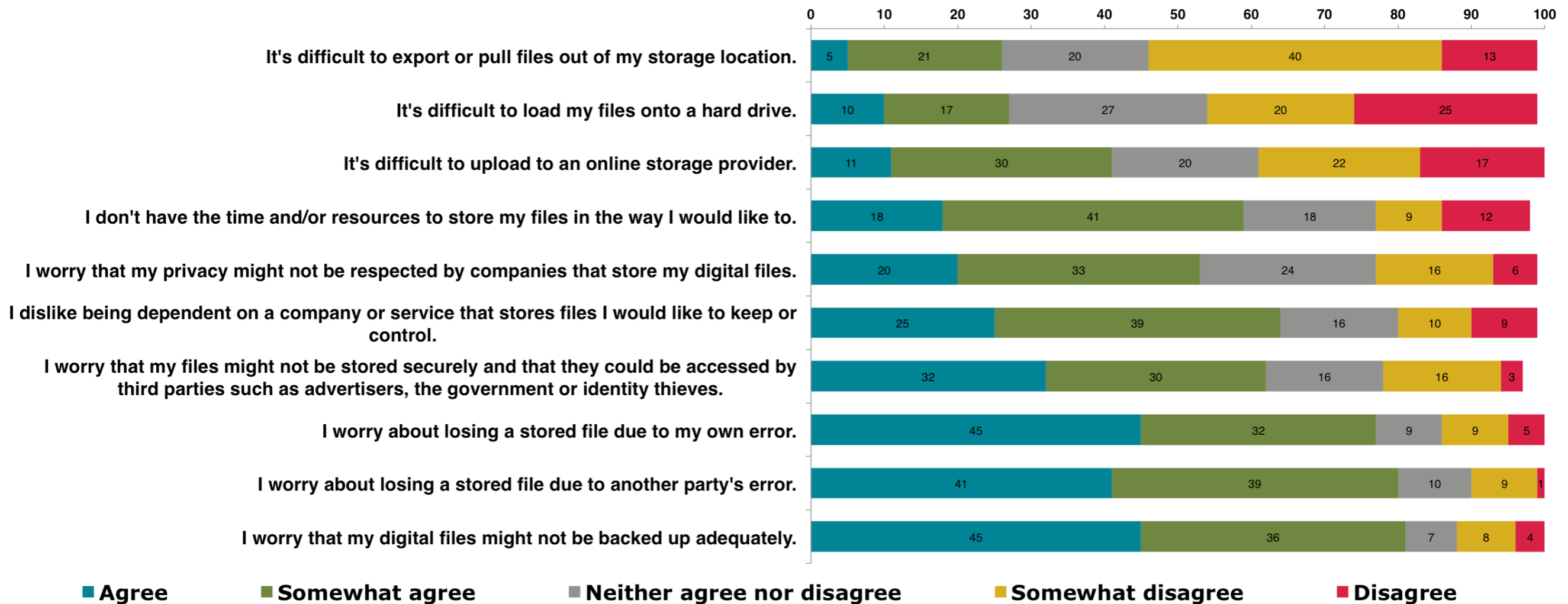
# Why do you save your digital files? On a scale of one to five, how much do you agree with the following statements:



	I save my files so I can use them in the future.	I have to preserve digital files for my job.	I want my files to be available for future research.	My professor or supervisor recommended or mandated that we do so.	I want my files to be accessible to future generations so they can know what my life was like.	It takes more work to delete them.	I don't care about preserving my digital files.	Other (please specify)
■ Agree	78	60	51	21	18	8	1	3
■ Somewhat agree	21	30	32	36	19	21	1	0
■ Neither agree nor disagree	1	5	8	25	27	10	8	9
■ Somewhat disagree	0	4	5	3	19	15	15	0
■ Disagree	0	1	4	15	17	46	75	2



# What concerns or frustrations do you have about your current storage methods, or storage options that currently exist? On a scale of one to five, how much do you agree with the following statements:



[Home](#)
[Ideas](#)
[Experiments](#)
[Research](#)
[Topics](#)
[News](#)
[Blog](#)
[Events](#)
[People](#)
[Store](#)

# Journalism Digital News Archive

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**"We should have had a historian running around saying 'I don't care if you are ever going to use them — we are going to keep them.'"**  
*— Richard Nafzger, engineer, after the Aug. 5, 2006, announcement that NASA had lost the original and backup videotapes of the Apollo 11 moon walk*

The Journalism Digital News

**JDNA**  
 JDNA home  
 Disruption  
 Theory of change  
 Desired outcomes  
 Mapping a pathway to sustainable preservation  
 Areas of implementation  
 Denver Public Library-Scripps  
 Media agreement on the Rocky Mountain News archives  
 JDNA blog  
 JDNA in the news  
 Dodging the Memory Hole

**Upcoming Events**  
**Trauma Journalism: Training for educators**  
 OCTOBER 15, 2015

THANK YOU!

[www.rjionline.org/jdna](http://www.rjionline.org/jdna)  
<http://library.missouri.edu/journalism/>

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