

Taking the paper out of news: A case study of *Taloussanomati*, Europe's first online-only newspaper

Neil Thurman and Merja Myllylahti

Contact details for correspondence:

Neil Thurman
Graduate School of Journalism
City University
Northampton Square
London
EC1V 0HB
Tel: +44 (0)20 7040 8222
Mob: +44 (0)7813 009590
Fax: +44 (0)20 7040 8594
Email: neilt@soi.city.ac.uk

Taking the paper out of news: A case study of *Taloussanomat*, Europe's first online-only newspaper

Abstract:

Using in-depth interviews, newsroom observation, and internal documents, this case-study presents and analyses changes that have taken place at Finnish financial daily *Taloussanomat* since it stopped printing on 28 December 2007 to focus exclusively on digital delivery via the web, email, and mobile. It reveals the savings that can be achieved when a newspaper no longer prints and distributes a physical product; but also the revenue lost from subscriptions and print advertising. The consequences of a newspaper's decision to go online-only are examined as they relate to its business model, website traffic, and editorial practice. The findings: illustrate the extent to which the medium rather than the content it carries determines news consumption patterns, show the differing attention a newspaper and its online substitute command, and reveal the changes to working patterns journalists can expect in the online-only environment.

Keywords:

online-only newspapers, journalism, convergence, business models, advertising

Introduction

The death of the printed newspaper is an increasingly common subject of speculation. Philip Meyer has predicted that print newspapers will “[run] out of daily readers late in the first quarter of 2043” (Meyer 2004). Vin Crosbie (2008) believes that by 2021 “the few national [US] dailies” will exist in a diminished form “via the web and e-paper, but not in print.” Others are more pessimistic still. Steve Bullmer, Microsoft’s CEO, suggests a scenario in which printed newspapers do not survive past 2018 (Whoriskey 2008); and the publisher of *The New York Times*, Arthur Sulzberger, thinks its long history of print could be over in 2012 (Avriel 2007).

Although here is a high degree of uncertainty about whether and when newsprint will cease to exist, online-only newspapers¹ have already started to emerge in the United States, France, and Finland. In 2008 the Madison afternoon newspaper—*The Capital Times*—stopped printing to concentrate on its online presence, www.madison.com. In the same year *The Seattle Times* launched an online-only newspaper, www.crosscut.com. In France internet news sites Rue89.com and Mediapart.fr launched in 2007 and 2008 respectively.

In Finland 2007 saw the launch of web-only newspaper Uusi Suomi,² resurrecting a brand with a 100-year print heritage; and the financial daily *Taloussanomat* ending ten years of print to concentrate solely on digital delivery, primarily at www.taloussanomat.fi. In common with newspaper markets in other developed countries³ the readership of printed newspapers in Finland has been falling for several years. *Taloussanomat*’s daily print circulation shrank from

88,000 to 72,000 between 2001–2006. In contrast, and in line with other Finnish news websites, *Taloussanomati*'s website registered a 1,180 percent rise in weekly visitors over the same period (Tilastokeskus 2007).

By dropping their print edition, newspapers eliminate the costs associated with the production and distribution of a physical product. Edmonds (2007) estimates that the resulting savings can be around 35 percent. Others put the figures higher: Richards (2007) estimates 38 percent and Grindley (2006) 66 percent. It is not surprising then that in Finland and elsewhere the online-only newspaper business model has started to look attractive.

The case: Taloussanomati

This study will explore the emerging phenomenon of the online-only newspaper model through a case study of the Finnish financial daily *Taloussanomati*. *Taloussanomati* was launched in 1997, published Tuesday to Saturday, and concentrated mainly on financial and political news. Its print version ceased publication on 28 December 2007 due to a declining readership and heavy losses. *Taloussanomati*'s online version continued and is the second most trafficked financial news website in Finland; only beaten by *Kauppalehti*, which is online at www.kauppalehti.fi and retains a printed edition. Competition between two titles is fierce. In the first 40 weeks of 2008 *Taloussanomati* averaged 291,966 unique weekly visitors and is the fifth biggest online news site in Finland⁴ (TNS Gallup 2008). It consists of the online-only financial newspaper

www.taloussanomat.fi and two sites covering technology: www.itviikko.fi and www.digitoday.fi.⁵ The title also owns the Startel⁶ news agency.

Headcount is 41, 10 of whom work for Startel, five for www.digitoday.fi and www.itviikko.fi, and 26 for www.taloussanomat.fi. As of July 2008 16 people worked in *Taloussanomat*'s newsroom: two editors, one news editor, three sub-editors, and ten reporters. The other 10 *Taloussanomat* employees worked in marketing, technology, and administration. The editor-in-chief of *Taloussanomat* is former financial journalist Mr Juha-Pekka Raeste, who also acts as Chief Executive Officer. *Taloussanomat* is part of Finland's biggest media company SanomaWSOY and is located within its newspaper publishing division Sanoma Oy. SanomaWSOY is listed on the pan-Nordic Stock Exchange OMX and is regulated by stock market rules and regulations. The company does not disclose exact financial information about *Taloussanomat* and therefore detailed information about its finances are not disclosed in this study.

Research methods

The data for this case-study comes from interviews with editors and journalists at *Taloussanomat*, and a one week period of observation in the title's Helsinki newsroom. Field notes were made on site and relevant documents collected. The following participants were interviewed formally between 23 June–11 July 2008:

- Juha-Pekka Raeste—Editor-in-Chief and CEO, *Taloussanomat*.
- Hannu Sokala—Editor for Development and Strategy, *Taloussanomat*.
- Merja Saarinen—News Editor, *Taloussanomat*.

Informal interviews took place between 7–11 July 2008 with:

- Petri Korhonen—multimedia journalist, *Taloussanomat*.
- Antero Paavonen—News Editor, Startel News agency.
- Respondent 1⁷—experienced news journalist, *Taloussanomat*.
- Respondent 2—experienced sub-editor, *Taloussanomat*.
- Jaakko Kuivalainen—Technology Manager, *Taloussanomat*.

Observation took place during the main summer holiday period in Finland and this may have had some minor impact on the observations concerning news flow. Documents gathered on location provided data on website visitor numbers, reader demographics, revenue streams, and advertising rates. Some quantitative data was also collected concerning the length of stories in *Taloussanomat*.

Readership and revenue results

In this first results section we will present and analyse some of the quantitative data gathered during the study, looking at the changes to *Taloussanomat's* readership, cost structure, income streams, and business model that came about as a result of the change from print *and* online to online-only distribution.

Logic might suggest that if a newspaper's content ceases to be available in print form, the title's website would start to register a significantly higher number of visitors. Although *Taloussanomat's* visitor numbers have risen following their decision to go online-only, the rise has been faltering and markedly less than at some other online newspapers that retained a print edition.

Comparing the four weeks before *Taloussanommat* went online-only with the four weeks after⁸ we see a modest (10.7 percent) rise in visitor numbers (see fig 1). This rise is maintained for around five months until weekly visitor numbers start to fall: from 292,059 in early June 2008 to 185,714 in early July 2008—22 percent lower than they were in the week before *Taloussanommat* went online-only.⁹ This drop was partly due to readers' initial negative reaction to a site redesign in May 2008 (JP Raeste, personal communication, 24 June, 2008). Visitor numbers recovered between early July and early October 2008 to show a 13 percent rise compared with the month before *Taloussanommat* went online-only. However much of this rise can be attributed to: the global financial crisis, with the resulting increased interest in financial journalism; and a general growth in use of the internet and online journalism. Indeed when compared with the websites of three newspapers who retained a printed version, *Taloussanommat's* performance looks very poor indeed.

Looking at the performance of the UK's Guardian.co.uk and TimesOnline.co.uk between November 2007 and August 2008 shows that they achieved, respectively, 32 and 60 percent gains in unique users (ABC Electronic 2008). Finland's web and print *Kauppa-lehti* saw an 18 percent rise in the same period whereas *Taloussanommat.fi* registered a 0.26 percent drop.

Page impressions

When measured by page impressions *Taloussanommat's* performance is slightly better (see fig 2). A 30 percent increase in the four weeks after going online-only compared with the four weeks before; a rise maintained for about 20 weeks until

weekly page impressions start to fall: from 2,087,312 in early June 2008 to 1,557,623 in mid July 2008—11 percent lower than they were in the week before *Taloussanommat* went online-only. From then the recovery in page impressions is stronger than that of visitor numbers. By October 2008 the title is registering figures 97 percent higher than in the week before going online-only. However, as with visitor numbers, this performance is not significantly better than that of other online newspapers who retained a print edition. Between November 2007 and August 2008 the Guardian.co.uk and TimesOnline.co.uk registered, respectively, 32 and 45 increases in page impressions. Finnish *Kauppalehti* saw a 7 percent drop and *Taloussanommat* a 10 percent rise.

Although unexpected, these findings do not on their own invalidate *Taloussanommat's* online-only strategy. That decision was prompted by the perilous financial position the title found itself in. Our study found that the costs saved have helped to reduce the title's losses, in spite of the concomitant wipe-out of print advertising and subscription income.

Taloussanommat achieved 52 percent cost savings by eliminating the production and delivery costs associated with the print edition. In addition it saved another ten percent through redundancies. The print and web version of *Taloussanommat*, including the Startel news agency and the technology supplements Itviikko and Digitoday, employed 69 people in November 2007—52 in its newsroom. Half a year later, in July 2008, the streamlined group had 41 employees just 31 of whom worked in the newsroom.

Figure 1. Weekly unique visitors to Taloussanomat and Kauppalehti, 2007-2008.

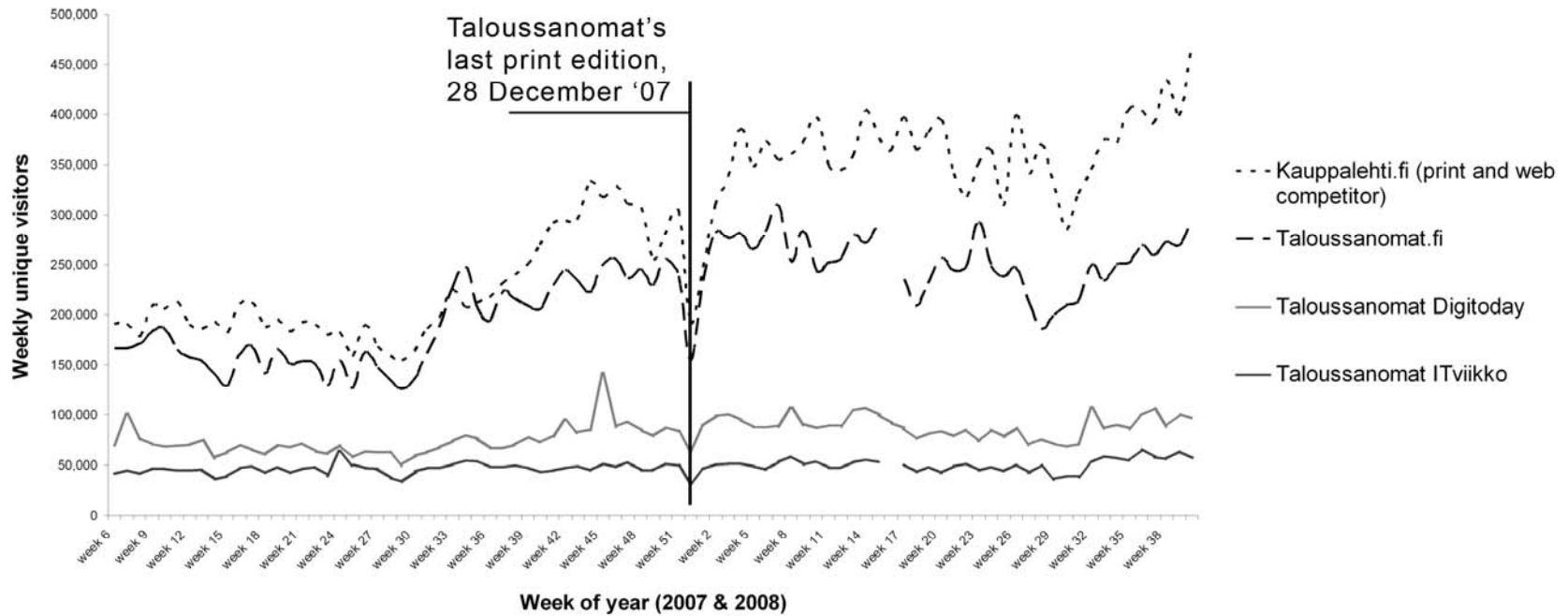
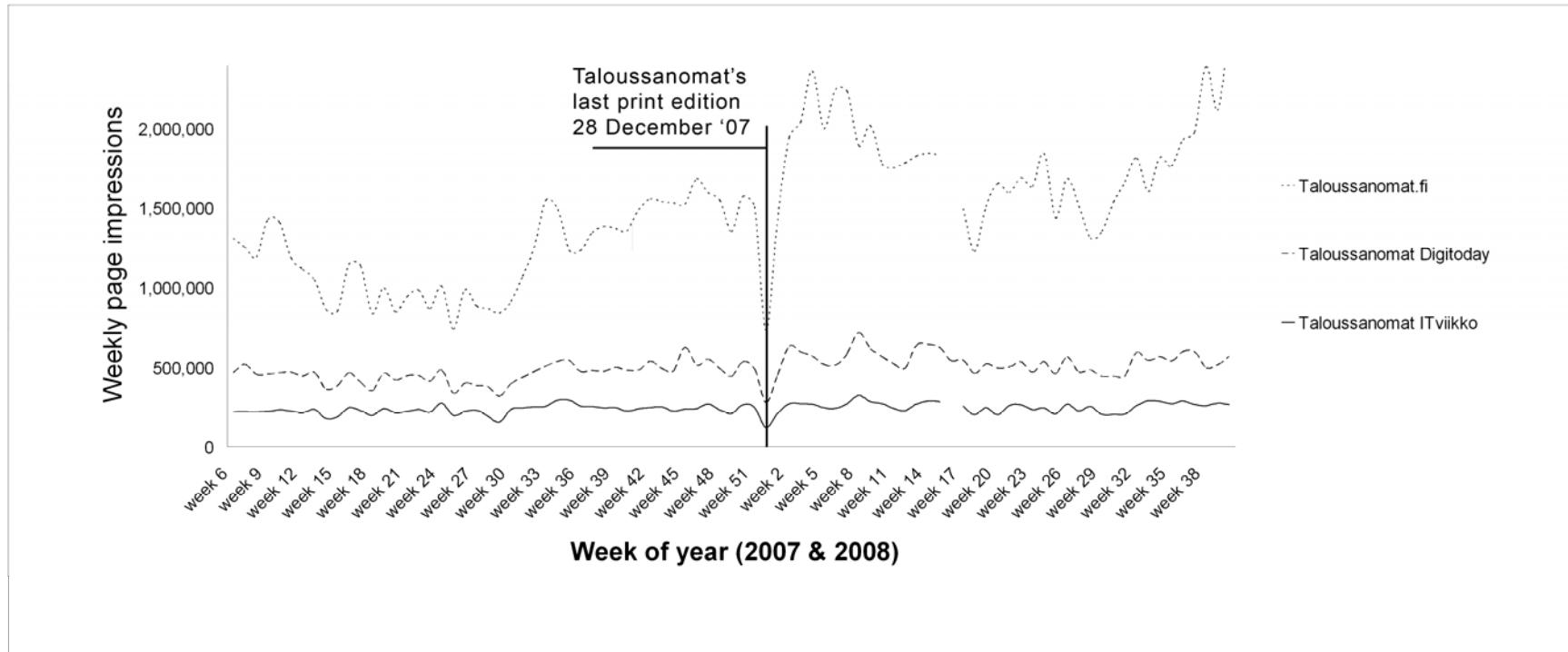


Figure 2. Taloussanomats weekly page impressions 2007-2008.



By going online-only its income fell by at least 75 percent due to the loss of print advertising and subscription revenue. If the title had been profitable or even just breaking even, going online-only would not have made economic sense. However, because *Taloussanomati* was making millions of Euros of losses before its closure in 2007, the division's financial situation is now stronger, even though the online version is still loss-making. According to the CEO, Juha-Pekka Raeste, (personal communication, 23 June, 2008) in absolute terms the cost savings achieved were greater than the loss from advertising revenue. Figures shown to the authors confirm this but cannot be made public because of their commercial sensitivity.

Our finding that online-only *Taloussanomati* lost a large proportion of its advertising income is worth further exploration. On the web the title has, at the time of writing, close to 300,000 unique weekly visitors. This compares to its former daily print circulation of 72,000. Even assuming that some of those print copies would have been seen by more than one reader, the website has wider circulation, by perhaps a factor of two, than the newspaper ever did. Why then did advertising income fall so dramatically? The reasons are, in part, due to the different habits of print and online readers and, in part, a result of the different economic models under which print and online advertising operate.

When a someone buys a newspaper they make a small financial investment in the product. Furthermore the physical bulk of the item and the limited time people have to consume news mean that they are unlikely to buy more than one newspaper each day. The result is that consumers spend

considerable time reading print newspapers—an average of 36 minutes per day per reader in Finland in 2006 (Sanomalehtien Liitto 2006).

In contrast when online, due to the ubiquity of free content and the instant and easy availability of almost infinite reading matter, readers' behaviour is markedly different. They visit a hugely increased number of information sources and, as a consequence, spend significantly less time with each. *Taloussanomats* own web statistics bear this out: visitors spend an average of just 3.5 minutes on the site per session, viewing an average of just 2.6 pages (Google Analytics 2008).

To highlight these differences another way, we might assume that the print edition of *Taloussanomat* had an aggregate of around 216,000 reading hours per week.¹⁰ Online-only *Taloussanomat* is viewed for just over a quarter of that time, about 57,316 hours per week.^{11 12} This difference is reflected in the lower income that *Taloussanomat* achieves from their online-only edition, which, as it happens, is also about a quarter (or less) of previous levels.

There is another reason why *Taloussanomat* has found it hard to replicate print advertising returns online. In contrast to print, an increase in online readers does not necessarily lead to increases in ad rates. As Vin Crosbie (2006) observes, “print advertising sales operate according to the economies of scarcity. There is scarce ad space to sell per edition. Increased circulation increases ad rates”. In contrast “web advertising operates according to economics of surplus There is surplus or infinite ad space to sell per edition. Increased usage does

not increase ad rates but is just as likely to decrease ad rates". Crosbie gives an example to illustrate his point:

Let's say *The Times* of London's Web site displays five million page-views per month and that each Web page contains a banner ad. If this site's usage doubles, does the site's publisher have to display ten million page-views and ten million banner ads? Yes, of course. That's quite different than with print. The Web site publisher now has to find buyers for an extra five million banner ads. He can't simply double the rate he sells for his original five million pages. Increased site usage doesn't make his 'space' scarce or more valuable. He instead has to find buyers for twice as many ads. And if he doesn't find those extra buyers, his effective ad rate will decline because half of his ad 'space' inventory is now unsold 'space' inventory.

The low overheads of web publishing have vastly increased the number of publications accepting paid advertising. This, combined with the surplus space available in each edition, has increased the supply of advertising space far beyond the levels that were the norm in the pre-digital era, and resulted in a fall of the value of that space.

To an extent *Taloussanomati* is better placed than some of its competitors in the Finnish online news market to cope with the economics of surplus. Its content appeals to a relatively affluent demographic. According to Sanoma Oy (2008b) 77 percent of *Taloussanomati*'s readers are male, 45 percent between the ages of 25–44, five percent are 'leading decision makers', and 29 percent have 'decision-making powers'. As a result it is able to charge around three times

more for a front-page super banner ad than the websites of its stable mates: the tabloid *Ilta-Sanomat*, and Finland's best-selling daily newspaper *Helsingin Sanomat* (Sanoma Oy 2008a).

Notwithstanding this advantage, and the growth of online advertising revenues in Finland (up 29.3 percent in 2007) (Mainonnan Neuvottelukunta 2008), *Taloussanomat*'s CEO (JP Raeste, personal communication, 23 June, 2008) reported that, all things being equal, it would take the title years to become profitable even given double-digit growth in income from display advertising.

So what other revenue streams can *Taloussanomat* further develop in their ambition to achieve profitability in the period 2010–2013 (JP Raeste, personal communication, 23 June, 2008)?¹³ Other than display advertising, which currently contributes 60 percent of revenues, income comes from three other sources:

- 'Permission-marketing', on the back of opt-in content such as email newsletters. This revenue stream currently contributes 5 percent.
- 'Content syndication', including via its Startel arm, which currently contributes 20–25 percent of revenues.
- 'Other sources', such as the branded seminars that *Taloussanomat* runs, currently contribute 10–15 percent of revenues.

Permission-marketing offers advertisers access to segmented groups of readers. *Taloussanomat* currently sends two daily e-mail newsletters to 63,000 subscribers and five tailored newsletters to targeted audiences, including marketing and IT professionals. It is also in the process of developing new

bespoke community services for tailored groups. The editor-in-chief believes these initiatives are key to future profitability. “The simple truth is that to be profitable, we need to get our mobile services, tailored content, and community services to make money” (JP Raeste, personal communication, 23 June, 2008).

Multi-platform delivery is clearly an important strategy for *Taloussanommat* as they seek to maximise the value of the content they produce by publishing it to platforms they control as well as selling it to other digital and even print outlets. The CEO believes that “the purpose of the online-only newspaper is to produce digital information for all possible platforms” (JP Raeste, personal communication, 23 June, 2008). Currently *Taloussanommat* produces content for:

- Its own internet based services, which include www.taloussanommat.fi and its technology sites itviikko.fi and digitoday.fi, and other external web sites.
- Newspapers like *Metro* and *Ilta-Sanommat*, which are owned by its parent company Sanoma Oy.

In addition it owns the financial news agency Startel, which sells financial information and tailored content to clients such as banks. Whether *Taloussanommat* can realise their ambition to achieve profitability between 2010–2013 solely by increasing income remains to be seen. Indeed the CEO does not rule out the need for further redundancies (JP Raeste, personal communication, 23 June, 2008).

Content and working conditions

In this second results section we present an analysis of changes that have taken place in *Taloussanomati*'s content and journalistic routines since it went online-only and the plans their editors have for further changes. "Your story is flying! In 12 minutes you have got 500 readers" (Respondent 2, personal communication, 11 July, 2008). This comment, made in *Taloussanomati*'s newsroom by a sub-editor to an editor who had published a story translated from a foreign news source, reflects the fact that story metrics are becoming an increasingly important factor in news production. This study revealed the tensions that can exist in online-only newsrooms as editors and journalists seek to maximise visitor numbers, target certain types of user, and maintain notions of journalistic quality.

There were some contradictions between journalists' and editors' accounts of the importance of maximising visitor numbers. *Taloussanomati*'s news editor argues the news desk is maintaining quality by publishing "certain kind of stories for credibility reasons even though we know that they are not going to be big hits with our readers" and not, she said, "just staring at the visitor figures" (M Saarinen, personal communication, 24 June, 2008).

However the observations and interviews suggested there is pressure from the publisher to raise visitor numbers. A sub editor reported that "the publisher keeps talking about site visitor numbers and that creates conflicts and we have to deal with it at the desk" (Respondent 2, personal communication, 9 July, 2008). Another journalist observed that "if the visitor numbers are low, [the news desk] will publish some populist story like a story about David Beckham's

underwear to get reader figures up quickly” (P Korhonen, personal communication, 9 July, 2008). The editor in charge of development and strategy admits that story metrics are impacting on journalistic work:

The fact that we need high visitor numbers on the site is part of being an online newspaper, but it has an impact on the journalistic work. The positive side of it is that we know what stories people find interesting. The negative aspect is that the journalists also know that (H Sokala, personal communication, 7 July, 2008).

It is very difficult to verify the true impact of story metrics on online-only newspapers’ content or journalistic work. However the interviews and observations support the view that the impact of visitor numbers is strongly felt on the news desk, which deals with the story selection. This is not surprising given that revenue from display advertising is directly linked to the number of pages readers view. This is different from the model in traditional newspapers where, as Crosbie (2006) states, “the advertiser pays for the entire printed circulation . . . not how many people actually see the page . . . featuring his ad”. This fundamental difference gives print editors the freedom that comes with knowing they can only be judged on the popularity of a whole edition rather than individual stories. In online-only newsrooms the constant availability of data on readers’ preferences seems to be precipitating a shift towards popularism, as witnessed during the observation week. For example, two of the paper’s lead stories concerned Swedish pop group Abba and Brazilian footballer Ronaldo (“Abba keeps cashing in” and “Ronaldo: I am a slave”).

The move from print to online-only has changed *Taloussanomaa's* journalism in other ways too. Whereas the printed edition of the paper mainly reported on company news and markets, its online version has a greater consumer focus: a significant shift in the paper's conception of financial journalism.

Raeste (personal communication, 23 June, 2008), refers to this as 'how to journalism'—publishing stories that give people tools and tips to manage their everyday lives. "Our readers are interested in the issues that are close to their heart and especially close to their wallets. People are interested in issues related to their personal finance". (JP Raeste, personal communication, 23 June, 2008). This change reflects Jakob Nielsen's characterisation of the web as a "cognitive medium", where the user is online to "get something done" (Nielsen 1997).

However, because the main target market remains influential and affluent decision makers, there is, again, a perceived conflict on the news desk. "We now have more stories that are closer to the consumer, but we have to cover the most important company and market news because of our target audience. We are fighting everyday to get this balance right" (M Saarinen, personal communication, 24 June, 2008).

Original reporting

Although convergence is sometimes justified as a process that will produce better journalism (see: Quinn 2004), online news sites have been criticised for the extent to which they 'shovel' content that previously appeared on their "primary distribution channels" (Scott 2005). Since going online-only

Taloussanomat can no longer stand accused of ‘shovelling’ but is the title now producing less original journalism as a result of the cuts to editorial resources?

Taloussanomat’s editors (JP Raeste, M Saarinen, H Sokala, personal communication, 2008) defend the newsroom’s performance saying that they are producing plenty of original content that is popular with readers.¹⁴ Although the popularity of the site’s original content is not in doubt, others in the newsroom did perceive a shift away from original reporting. According to one reporter, journalists now tend to take more stories from news agencies. Another journalist agreed. “On a bad day around two thirds of our stories are shovelled [from wire services]” (P Korhonen, personal communication, 9 July, 2008).

Taloussanomat publishes around 60 news stories a day, and its technology sites Digitoday and It-viikko add another 40. According to the site’s editors around 85 percent of the stories are filed by their own journalists. However this study found that many are based on news agency material from Bloomberg, Reuters, Finnish agency STT, and its own agency Startel. Analysis of *Taloussanomat*’s content during the week commencing 28 July 2008 showed that about 80 percent of the site’s stories were based on news agency material or stories published in other newspapers or news sites. Although the sample was taken in the main holiday period in Finland, it does give some indication of the content and source structure of *Taloussanomat*.

The findings echo those of Lewis, Williams, and Franklin (2008) who found that in ‘quality’ British newspapers 60 percent of stories were either wholly or mainly dependent on external news sources. Lewis et al’s explanation is in part

down to what they believe to be a “significant increase in journalistic productivity” since 1985. They give, as an example, the *Sun* newspaper, which saw a more than doubling of editorial content between 1985–2004 but only a “slight rise” in the number of journalists employed to produce that content. The result is, they say, a reliance on news agency and PR material, and a resulting decline in “journalistic integrity, autonomy and quality”.

The explanation for *Taloussanomaa*'s reliance on PR and agency material is also, partly, a question of resources. However, unlike the newspapers studied by Lewis et al, it is not increases in pagination that are to blame for the rise in workloads that journalists reported at the time the title switched to online-only, but rather the parallel cuts in editorial staff as *Taloussanomaa* sought to cope with a reduction in income of at least 75 percent. The journalists and editors interviewed for this study described the effects of the redundancies. “It was quite depressing to come to the newsroom after Christmas. The whole newsroom looked like there had been a nuclear explosion—there were only a few journalists left” (Respondent 1, personal communication, 8 July, 2008).

Although the news editor admits (M Saarinen, personal communication, 24 June, 2008) that the journalists' workload has increased since going online-only, she insists that journalists have as much time to talk to their news sources and fact-check as they did before the newsroom cuts were made. The journalists, however, do not agree universally with this assessment. One journalist reports (Respondent 1, personal communication, 9 July, 2008) they do not have time to go to news conferences, meet their sources, or even talk to colleagues. The

same journalist insists that around 95 percent of the journalistic work is done on the phone.

I feel now like I am a stripped down version of the former journalist. I am more like a news agency journalist and do quick interviews and write them quickly. There is an awful lot of pressure to get as many stories done as possible (Respondent 1, personal communication, 9 July, 2008).

The multimedia journalist, who is also the staff union representative, argues that lack of resources hits the newsroom on busy news days. “If we have more than two big news stories breaking during the day, we are really struggling” (P Korhonen, personal communication, 9 July, 2008). Even the site’s news editor feels the squeeze because she is now forced to do daily two shifts instead of one. “In a way the workload has increased but in *Taloussanomati* you are used to doing lot of work. We have always had a chronic lack of resources” (M Saarinen, personal communication, 24 June, 2008).

The observation week in *Taloussanomati* supports the view that most of the journalistic work is done inside the newsroom. During that week only the multimedia journalist went out to news conferences to get video material for the site. The other journalists were working at their desks throughout the day. However in Finland July is a major holiday period and news conferences are scarce.

Taloussanomati’s reduced staffing levels are part of the reason they are so reliant on external sources but the nature of the online medium is also a factor.

The editor-in-chief explains that “if you double the amount of stories or the

publishing frequency it truly helps [your visitor numbers]” (JP Raeste, personal communication, 23 June, 2008). Increasing publishing frequency helps encourage multiple daily visits but, with a limited staff, this is only possible if *Taloussanomat*'s journalists also act as what Nick Davies (2008) calls “churnalists”, “passive processors of unchecked, second-hand material”.

This way of working was not only unpopular with the journalists. The title's editor-in-chief didn't see it as a long-term solution either. Raeste feels that high-frequency ‘churnalism’ “only helps you to a certain point” and that *Taloussanomat* need to carve out a niche for themselves with original content. “If you want profits, your only solution is to be a Michelin star restaurant. You have to have best people . . . and time to think” (JP Raeste, personal communication, 23 June, 2008). However, without any profits to invest, buying the extra people and extra time required to achieve that ambition is a tough call.

Adapting to the online medium

A common criticism of mainstream online journalism centres on its failure to take into account the unique characteristics of the medium. It often reproduces, not just in substance but also in form, stories that have appeared in other media—usually from the print or broadcast parent. In theory online-only newspapers such as *Taloussanomat* are free from any economic pressure to reuse legacy content and could create online journalism better tailored to the medium. This next section will examine the extent to which *Taloussanomat*'s content and working practices remain influenced by its print legacy or have adapted to the nonlinear,

multimedia, and interactive nature of the web and its freedom from pagination limits and fixed deadlines.

Some of *Taloussanomata*'s journalists are certainly aware of the potential of online:

The best things on online are that you have unlimited space and you are not tied to a certain format. We can now have more general news stories or human interest stories than in the print paper. Online gives you the freedom to be more creative (M Saarinen, personal communication, 24 June, 2008).

Another *Taloussanomata* journalist agreed. "When we had the print paper were always short of space, but online you do not have same kind of limitations" (P Korhonen, personal communication, 9 July, 2008).

Despite these statements this study found that the length of the title's main news stories had not changed since it went online-only. The average length of the main news story in the printed edition of *Taloussanomata* in the first week of July 2007 and the main news story published by the online-only *Taloussanomata.fi* in first week of July 2008 were compared. The data shows that the stories published in the print paper averaged 355 words and stories published in the online newspaper 324 words. Although the sample was small the results do indicate that, in some regards, working practices have not changed as much as would be expected. Editors are aware of this fact and are trying to drive through major changes in work practices. "There is one fundamental difference", says the editor-in-chief, "where before we regarded ourselves as journalists, we now regard ourselves as public servants as well. We are in a service industry and that

is crucial to take into account” (JP Raeste, personal communication, 23 June, 2008).

What this means in practice is that journalists are going to have to better match readers’ media consumption preferences. The editor for development and strategy talks about restructuring content and delivery in new ways. “We need to concentrate on building the news day. We need to know what people want to read and at what time of day” (H Sokala, personal communication, 7 July, 2008). This may mean giving readers: news alerts to their mobiles first thing in the morning, something lighter to read at lunch time, something different in the afternoon, more mobile content to read on their way home from work, and fresh content in the evening. This idea—called ‘day parting’—is not new. It originated in broadcast television and has been variously adopted by online newspapers (see: Beyers 2004). Nevertheless it does represent a considerably different way of working for ex-print journalists such as those at *Taloussanomati*. From the sub-editor’s point of view this means that “the clearest change from the print version is that we have a deadline all day long” (Respondent 2, personal communication, 9 July, 2008).

The editors of the *Taloussanomati* are also gradually pushing journalists to work in different ways with rolling news stories. Again the inspiration comes from news production formats adapted from broadcast television. The idea is to break the news story to readers early on and then follow up with more detail, comment, and analysis. The rationale is to retain readers for as long as possible. Again the

ability to publish almost instantaneously rather than being restricted to a single deadline is the key change:

People have to get used to the idea that we have a deadline all the time which means that we do not have any free time. Journalists need to realize that their stories do not need to be ready when published, they can be changed and updated (Respondent 2, personal communication, 9 July, 2008).

One of *Taloussanoma*'s journalists estimates that about one third of the site's journalists are still working to the same pattern as in the print paper. The editor in charge of strategy and development also confirms that print working practices have been difficult to change. "Some of the journalists tell the news editors in the morning what they will write during the day and then have their stories ready at 4–5 pm. This needs to change, but you cannot change working practices overnight" (H Sokala, personal communication, 7 July, 2008).

One reason for the slow change is that journalists find it difficult to publish incomplete stories. "Journalists have a high threshold against publishing incomplete stories, because they do not want to seem foolish or unknowing. It is really difficult for many of us" (P Korhonen, personal communication, 9 July, 2008).

Another big change the editors are pushing is towards working collectively, not individually as journalists have done in past. This means that in the future four journalists might cover a big news story, each feeding readers with different aspects of the story throughout the day. "It is a completely new way of

thinking and it requires collective working practices” (H Sokala, personal communication, 7 July, 2008).

In his study of German online newsrooms, Quandt (2008) observed that “there are new qualities of journalistic work in online newsrooms, but overall, the basic orientation pattern is traditional (print/news agency) journalism” (p. 95). The data collected for this case study confirmed the view that journalistic work patterns in *Taloussanomat* owe much to historic print practices and that working practices are only changing slowly.

Multimedia and interactivity

Online news media have often failed to utilise effectively the multimedia potential the medium offers. The then Head of BBC News Interactive talked about video on their news site “far too often . . . not [performing] a very useful function” (quoted in: Thurman and Lupton 2008). *Taloussanomat* has one multimedia journalist who previously worked in television news. He is the sole provider of video content to the site, shooting and editing video packages as well as writing textual stories for the site. Other journalists interviewed and observed in *Taloussanomat*'s newsroom were not too enthusiastic about multimedia and the editor-in-chief is not keen for all the editorial staff to get involved in multimedia production:

Is it worth in this specialising world training multimedia people? Personally I think that it is better to let the specialised journalists to do their jobs properly. To be able to write good stories, the journalists need time to analyse, think, and discuss them with their colleagues (JP Raeste, personal communication, 23 June, 2008).

The view of the editor-in-chief might be influenced by the fact that *Taloussanomatan*'s owners, Sanoma Oy, are currently building a TV-studio to provide multimedia content to *Taloussanomatan* and two other newspaper websites within the group—*Helsingin Sanomat* and *Ilta-Sanomat*.

The use of interactivity at *Taloussanomatan* is limited although relatively open. Visitors can post comments to the site without prior registration or pre-moderation. *Taloussanomatan* is encouraged by the volume of the response—some of the stories get as many as 100 comments. However the quality has been somewhat problematic. “When people can comment without registering, you can get really aggressive commenting and this can be off-putting for some of the journalists” (M Saarinen, personal communication, 24 June, 2008).

The editor in charge of site development wants to develop the discussion culture between journalists and readers further. Sokala intends that journalists will moderate conversations in future and take an active role in communicating with readers. “At the moment readers use our site like any discussion board. I want to develop real discussion between the readers and journalists. But to make it happen, you have to integrate it as a part of the journalistic work” (H Sokala, personal communication, 7 July, 2008).

Although online-only *Taloussanomatan* has multimedia elements and some user generated content, their adoption of this functionality is not ahead of online news sites with a print or broadcast parent.

Conclusion

This study sought to examine how newspapers might fare when, as is happening with increasingly frequency, the significant costs involved in printing and distributing a physical product to an ever diminishing audience cannot be justified, and titles move to digital distribution via channels such as the web, email, and mobile.

Previous estimates suggested savings of between 38–66 percent could be achieved. In this case study, of Finnish financial daily *Taloussanomat*, the figure was squarely in the middle of that range: at 52 percent. However, as Edmonds (2007) points out, killing the print version “only makes sense if the savings are greater than the loss of advertising [and subscription] revenue”. And, as this study proves, those losses can be very considerable: a minimum of 75 percent in *Taloussanomat’s* case.

The reasons are twofold. Firstly readers are reluctant to pay for content online; and secondly the law of supply and demand means that the value of advertising space on the web is significantly less than in print—not in itself an insurmountable problem if newspapers making the move from print *and* online to online-only can increase their visitor numbers, page impressions, and ad sales to make up the difference. This is, however, easier said than done.

Contrary to our expectations, in the case of *Taloussanomat*, dropping the print edition did not result in an increase in online traffic over and above the general trends. When compared to online newspapers who had *retained* a

printed edition, *Taloussanomata's* performance was worse (when measured by visitor numbers) or about the same (when measured by page impressions).

In a market such as Finland, with very high broadband internet penetration, most of *Taloussanomata's* former print readers were probably already consumers of the online product, so going online-only did not propel existing readers online, nor attract a significant number of new users. What we might have expected to find, however, was a significant boost in page impressions as existing readers, suddenly unable to access *Taloussanomata's* content in print form, increased the time they spent with its website. The fact that this did not happen shows just how much the medium, rather than the content it carries, determines how news is consumed.

Although the demassification of the media—with the increase in specialist publications catering to smaller audiences—was in evidence before *Taloussanomata* went online-only, the title is now operating in an environment—the web—where the “poverty of attention” created by the “wealth of information” available (Simon quoted in: Meyer 2004) is even more pronounced. We estimate that, since going online-only, the aggregate time spent reading *Taloussanomata* has fallen by between 75–80 percent. It is no coincidence that income and editorial staffing levels have fallen by similar amounts: at least 75 percent, and 70 percent respectively.

This study shows that, at least in the case of *Taloussanomata*, the difference between the loss of income (a minimum of 75 percent) and the savings made (52 percent) by ditching the print edition makes such a strategy

financially worthwhile only if expenditure is at least 45 percent higher than income (i.e. losses are at least 31 percent). If this finding holds true more widely current profit levels—in the mid teens for US newspapers—can sustain newsprint for some time to come. A small but growing number of titles, however, may be forced to abandon their print edition because, as the authors of the Pew Research Centre’s Annual Report on American Journalism point out, that industry average masks “the range of results that find a number of papers in deep trouble . . . already losing money” (PEJ 2007). These loss-making titles, and others that will inevitably follow them into the red, will not be able to recover profitability solely by going online-only. Cuts, including editorial redundancies, will also come into play—as they have done at *Taloussanomat* where the newsroom shrank from 52 to 31.

In *Taloussanomat*’s downsized newsroom we have an indication of how journalism is likely to evolve for newspapers who go online-only too. There will be a greater reliance on revenues other than those from display advertising as online news sites further develop ‘permission marketing’ on the back of opt-in content such as specialist email newsletters. Innovation will continue in the development of new forms of revenue through partnerships and services as well as events that build on newspaper brands. That branding, however, will become more difficult to maintain in an online environment in which, as this case study indicates, content syndication is not only easy, but often a commercial necessity: *Taloussanomat*’s CEO observed that “during the first six months of the operation

we have changed to a news agency that provides readers with life management information and surveys” (JP Raeste, personal communication, 23 June, 2008).

This study also shows that being part of a large media group—in *Taloussanomaa*'s case SanomaWSOY—provides online-only newspapers with more opportunities for syndication and increases their traffic (around 26 percent of *Taloussanomaa*'s users are referred by its sister news sites). Ownership and tactical convergence will, therefore, continue apace in the online-only newspaper environment.

Such convergence is often accused of leading to a dilution in story choice as newsrooms “gradually cover fewer and fewer stories” (Scott 2005). This study found *Taloussanomaa* was heavily reliant—even more so than the newspapers studied by Lewis et al (2008)—on agency copy and other external sources. That reliance is a function of the reduced editorial resources that accompanied the loss of print advertising and subscription income; but also the nature of the online-only medium with its ability to provide—and readers' expectations for—multiple daily updates. Journalists in the online-only newsroom were busier and almost exclusively desk-bound, raising questions about the extent to which they were exposed to a range of sources, and their ability to work on the types of story Scott (2005) worries convergence threatens: “process stories, investigative reporting, international news, and in-depth coverage”.

Since going online-only there has been a shift towards popularism as a result of the commercial pressure to increase visitor numbers; aided and abetted by the constant availability of data on site use. There has also been a shift

towards consumer-focussed or 'how to' journalism showing an adaptation to better match the ways that the web has become a "utility . . . a way to get quick access to information that's useful to [people's] lives" (Clark Gilbert quoted in: Meyer 2004).

In other ways, however, the print legacy is strongly felt. The online-only newspaper *should* be freer to exploit the potential of the online medium without the burden of legacy content from a print or broadcast parent. The reality this study found is that the online-only newspaper carries other burdens—financial and logistical—that counteract its advantages. The cumulative effect means killing the print edition does not immediately transform a title's ability to produce interactive, nonlinear, multimedia content. Nor does it mean that staff are ready or willing to service new publishing platforms or readers' expectations for multiple daily updates.

Taloussanomati is seeking to do all these things but to prosper it must innovate more intelligently and change faster than its rivals to regain the attention and revenues forsaken by leaving the world of paper and ink.

Notes

1. Because online-only newspapers are a relatively recent phenomenon there is little agreement about their definition. Indeed the Finnish Newspaper Association told the authors of this study that an online-only newspaper should also have a print edition (Sanomalehtien, personal

communication, 14 May, 2008)! For the purposes of this paper we have adopted the following working definition: “An online-only newspaper should: use digital channels (such as the web, email, and mobile) to distribute content; publish at least five days a week; have an audited penetration; contain mainly news and current affairs content; and not have a parallel print version”.

2. www.uusisuomi.fi
3. For example Robert Picard (2002) shows that the total daily circulation of newspapers in US reached a peak in 1983 and has been declining ever since.
4. As of week 41 of 2008.
5. These sites previously existed in print form as supplements to *Taloussanomata's* paper edition.
6. Startel sells news and services to clients, like banks, mainly drawn from the financial community.
7. Respondents 1 and 2 participated anonymously.
8. The transition week is excluded not least because it includes the Christmas and New Year holidays during which time visitors to news websites fall across the board.
9. These figures refer to Taloussanomata.fi and not the affiliated technology websites ‘*Taloussanomata Digitoday*’ or ‘*Taloussanomata ITviikko*’.

10. Calculated by multiplying its 2006 circulation of 72,000 by the number of days it was printed per week (5) by the average time spent by Fins reading newspapers (36 minutes).
11. Calculated by multiplying the average numbers of minutes spent per session (3.5) by the total number of sessions (982,560) in week 41 of 2008. Sources: (Google Analytics 2008) and (TNS Gallup 2008).
12. Because of the way that web servers log visits we cannot assume that this figure constitutes active use. It would include, for example, time when users had minimised Taloussanomat.fi in their web browser and were working with another application or simply away from their computer.
13. Raeste does not believe that people are willing to pay for news content. Although this may seem surprising given the fact other financial newspapers such as *The Wall Street Journal* and the *Financial Times* have a history of paid content, these titles have been gradually dismantling their subscription walls as they have sought to maximise visitor numbers in what has been a buoyant online advertising market.
14. A sub-editor (Respondent 2, personal communication, 9 July, 2008) on the news desk says that around 90 percent of the most-read stories are researched and written by *Taloussanomat's* journalists.

References

ABC ELECTRONIC. (2008). "ABCE Data, 2007-8." Retrieved 20 October, 2008, from <http://www.abce.org.uk>.

AVRIEL, EYTAN. (2007). "NY Times publisher: Our goal is to manage the transition from print to internet." [Haaretz.com](http://www.haaretz.com) 8 February. Retrieved 9 October, 2008, from <http://www.haaretz.com/hasen/spages/822775.html>.

BEYERS, HANS (2004). "Dayparting Online: Living Up to Its Potential?" International Journal on Media Management **6**(1): 67-73.

CROSBIE, VIN (2006). "Will the Online News Industry Be Able to Finance Quality Journalism?" 7th International Symposium on Online Journalism. University of Texas, Austin, USA, March.

CROSBIE, VIN. (2008). "Transforming American Newspapers (Part 1)." [Digital Deliverance.com](http://www.digitaldeliverance.com) 21 August. Retrieved 9 October, 2008, from http://www.digitaldeliverance.com/blog/2008/08/transforming_american_newspape.html.

DAVIES, NICK. (2008). "Our media have become mass producers of distortion." [Guardian.co.uk](http://www.guardian.co.uk) 4 February. Retrieved 16 October, 2008, from

<http://www.guardian.co.uk/commentisfree/2008/feb/04/comment.pressandpublishing>.

EDMONDS, RICK. (2007). "Pulling the Plug on Print." Poynter Online: The Biz Blog 3 December. Retrieved 12 August, 2008, from <http://www.poynter.org/column.asp?id=123&aid=133814>.

GOOGLE ANALYTICS. (2008). "Taloussanomat visitors, 7 June - 7 July 2008." from <http://www.google.com/analytics>.

GRINDLEY, LUCAS. (2006). "Newspapers can go online-only and pay the bills." Lucasgrindley.com 30 December. Retrieved 10 August, 2008, from http://www.lucasgrindley.com/2006/12/howard_owens_disagrees_with_wi.html.

LEWIS, JUSTIN, ANDREW WILLIAMS, et al. (2008). "FOUR RUMOURS AND AN EXPLANATION: A political economic account of journalists' changing newsgathering and reporting practices." Journalism Practice **2**(1): 27-45.

MAINONNAN NEUVOTTELUKUNTA (2008). Mediamainonta kasvoi vauhdikkaasti vuonna 2007 (Media advertising growing rapidly in 2007). Press release. Helsinki.

MEYER, PHILIP (2004). The Vanishing Newspaper. Columbia, Missouri, University of Missouri Press.

NIELSEN, JAKOB. (1997). "Why Advertising Doesn't Work on the Web." Useit.com 1 September. Retrieved 20 October, 2008, from <http://www.useit.com/alertbox/9709a.html>.

PEJ. (2007). "Economics." The State of the News Media 2008: An Annual Report on American Journalism 17 March. Retrieved 22 October, 2008, from http://www.stateofthenewsmedia.com/2008/narrative_newspapers_economics.php?cat=3&media=4.

PICARD, ROBERT. (2002). "Evolution of Revenue Streams and the Business Model of Newspapers: The U.S. Newspaper Industry between 1950-2000." Retrieved 20 October, 2008, from <http://www.robertpicard.net/PDFFiles/nprdevelopment.pdf>.

QUANDT, THORSTEN (2008). News tuning and content management: An observation study of old and new routines in German online newsrooms. Making Online News: The Ethnography of New Media Production. C. Paterson and D. Domingo. New York, Peter Lang.

QUINN, STEPHEN (2004). "An Intersection of Ideals: Journalism, Profits, Technology and Convergence." Convergence: The International Journal of Research into New Media Technologies **10**(4): 109-123.

RICHARDS, BILL. (2007). "How an electronic newspaper could become profitable." Crosscut.com 30 November. Retrieved 30 July, 2008, from <http://www.crosscut.com/business-technology/9536/How+an+electronic+newspaper+could+become+profitable>.

SANOMA OY. (2008a). "CPM-hinnat 1.8.2008 alkaen (CPM prices from 1 August 2008)." Retrieved 5 November, 2008, from http://www.sanomaneews.com/verkkomedia/hinnasto/hinnat&paketit_2008_syksy.pdf.

SANOMA OY. (2008b). "Kävijäprofiilit: Taloussanomat.fi – verkkopalvelun kävijäprofiilit, koko Palvelu (User profiles of Taloussanomat.fi)." April. Retrieved 5 November, 2008, from http://www.sanomaneews.com/verkkomedia/kavijaprofiilit/taloussanomat.fi_koko_palvelu_profiili_tammi-joulukuu_2007.pdf.

SANOMALEHTIEN LIITTO. (2006). "Eri viestimien päivittäiseen seuraamiseen käytetty aika 2006 (Finnish daily media usage 2006)." Retrieved 1 September, 2008, from <http://www.sanomalehdet.fi/index.phtml?s=139>.

SCOTT, BEN (2005). "A Contemporary History of Digital Journalism." Television and New Media **6**(2): 89-126.

THURMAN, NEIL and BEN LUPTON (2008). "Convergence Calls: Multimedia Storytelling At British News Websites." Convergence: The International Journal of Research into New Media Technologies **14**(4): 439–455.

TILASTOKESKUS. (2007). "Sanomalehdet pystyvät vastaamaan ajan haasteisiin (Newspapers can respond to current challenges)." stat.fi 28 November. Retrieved 15 August, 2008, from http://www.stat.fi/artikkelit/2007/art_2007-06-15_003.html?s=7.

TNS GALLUP. (2008). "SUOMEN WEB-SIVUSTOJEN VIIKKOLUVUT (FINNISH WEEKLY SITE RANKINGS)." TNS Metrix Retrieved 1 July, 2008, from <http://www.gallupweb.com/tnsmatrix/site.aspx>.

WHORISKEY, PETER. (2008). "Microsoft's Ballmer on Yahoo and the Future." The Washington Post 5 June. Retrieved 5 August, 2008, from <http://www.washingtonpost.com/wp-dyn/content/story/2008/06/04/ST2008060403830.html>.