## THEORY AND INNOVATIONS OF SOCIOLOGY

DOI https://doi.org/10.30525/2592-8813-2024-3-16

## SPECIFICITY OF THE PRINT MEDIAMARKET OF UKRAINE IN THE CONTEXT OF THE GENERAL STATE OF THE MEDIA ECONOMY (2000 – JULY 2022)

## Oksana Hotsur,

Candidate of Sciences in Social Communications,
Associate Professor at the Department of Journalism and Mass Communication Media,
Lviv Polytechnic National University (Lviv, Ukraine)
ORCID ID: 0000-0002-6589-0011
oksana.i.hotsur@lpnu.ua

**Abstract.** In scientific research, an analysis of the state of the media market in Ukraine, in particular the print media market of the last twenty years, was carried out. Crisis periods of media development are singled out, in particular, special attention is paid to the COVID-19 pandemic and the period of modernity that the state is experiencing since February 24, 2022 – the full-scale invasion of Russia into Ukraine. The war caused a new configuration of the mass media market of Ukraine. In addition to the catalysts of sharp changes in the print media market of Ukraine, the specifics of the general state of the media market, factors that significantly affect the development trends of the general media market have been identified: digitization, destruction of logistics, periodicals, the outflow of advertisers from traditional media, rising prices for raw materials, lack of consumer culture subscription information because there is a free alternative.

The format of work of the Ukrainian media in the first three months of the war is characterized by certain features: 24/7 working mode, psychological pressure, change of media product, change of business model of newsrooms, change of content, change of message to audience, change of funding sources.

**Key words:** media market, printed publications, digitalization, social networks, advertisers, business models.

**Introduction.** The mass media economy of Ukraine is really difficult now. On the one hand, its development is influenced by the general world trends of the media market. On the other hand, it is necessary to understand that the Ukrainian consumer of information is somewhat different, for example, from the American or Russian one, and the media market has its own peculiarities and accents. In general, the media market is a litmus test of the general state and development of the economy of our Ukraine. It is also necessary to take into account the legal regulation of the Ukrainian media market and the political component, which are significantly different from countries where freedom of speech is subject to political and legislative persecution. Unconditional confirmation of the last thesis is the state of social communications in Belarus and Russia.

It is also necessary to pay attention to the fact that the general mass media market of Ukraine has changed segmentally and quantitatively as a result of the full-scale invasion of Russia into Ukraine in February 2022. Complex and significant structural changes can also be seen in the markets of print media, advertising, and television. There have also been changes in the sources of information consumption, which we will be able to learn from our research.

In October 2021, the Thomson Reuters Foundation, as part of the project "Supporting independent media in the Eastern Partnership countries" of the Ministry of Foreign Affairs, Commonwealth Affairs and Development of Great Britain, presented the results of a study of media consumption and an analysis of the mass media audience in Ukraine, Moldova and Georgia. According to the research, Ukrainians mainly use two sources of information: search engines and social media. And newspapers are read the least – only 23% of respondents (Skliarevska 2021). So, this indicates, on the one hand,

changes in consumers' sources of information, and on the other hand, that today traditional media are exhausting themselves as the main source of information consumption among the population.

The print media market is an important component in the general information field, and is also a part of Ukraine's information security. Ignoring its condition, not understanding its trends, considering the total consumption of information through Internet media or social networks, can be a factor in the disappearance of a society that thinks and analyzes.

The Ukrainian media market is a variegated and complex phenomenon, which is characterized by the ability to be flexible and survive in difficult economic, legal, and historical and political conditions. It plays an extremely important role today – during the military occupation of the territory of Ukraine by the Russian Federation and the terror and genocide of the civilian population of our country.

**Main part.** The purpose of the research is to outline the features of the print media market development in modern conditions and challenges.

The specified goal determines the setting of several tasks:

- 1) to single out the crisis periods of the development of print mass media over the past two decades;
- 2) to trace the development trends of the print media market;
- 3) to find out the factors affecting the print media market in modern conditions and challenges;
- 4) to trace changes in its development under the conditions of the Russian-Ukrainian war.

**Materials and methods.** Social communication and axiological approaches, methods of content analysis, synthesis and generalization are the main methods that were used in the process of scientific research.

The analysis of the print media advertising market was carried out in the study "Current state and prospects for the development of the print advertising market in Ukraine" (Komarova 2018). In particular, the structure of the advertising market of Ukraine in 2014–2015 was determined, the reasons for the decline of the print advertising market were substantiated, and the disadvantages of print advertising were formulated.

The issue of language in the print media is raised in the article "Why Ukrainian media cannot stop printing in Russian: arguments and proposals" (Kundirenko 2011).

According to V. Kovalevskyi, the print media market is "characterized by accessibility for the majority of the population, but has significant time limitations related to the frequency of publication" (Kovinko ... 2016).

The activity of foreign scientific developments, in which the print media market has been studied, is related to the Covid-19 pandemic. For example, in the article "The Print Media Convergence: Overall Trends and the COVID-19 Pandemic Impact", the authors claim that in Russia there is no clear understanding of how national print media respond to new unprecedented challenges and try to cope with them. At the same time, it was the pandemic that mainly contributed to the actualization of such a concept as media convergence (Print Media Global Market Report 2021? 2021).

Lowrey W. and Gade J. P. detail the forces that shape and challenge journalism and journalistic culture, and explain why and how journalists and their organizations respond to problems, challenges, and uncertainty (Lowrey W., Gade J. P. 2011). These views are valuable, because they make it possible to understand exactly how market relations, the economic component and the state can determine the strategy of media market development.

The research by Sjøvaag H. and Ouren T. is quite interesting, analyzing the Scandinavian media market, they single out three factors that affect its functioning: controversial state regulation, trends in corporate journalism itself, and social/public trust in the media. These categories determine the style of mass media management at the administration level (Sjøvaag, Owren 2021). For our research, this source is also valuable, because the Ukrainian system of media market functioning in peacetime, and even during the covid pandemic, was also influenced by these three factors. During the war, it was possible to observe the dominant role of the state regulation of the information space of Ukraine.

**Results and discussion.** According to data released by the State Television and Radio Broadcasting Committee of Ukraine in the first quarter of 2021, at the end of 2020, 1,514 newspapers were published in Ukraine, of which 467 were nationwide (Ishchenko, 2018).

Following the dynamics of the publication of newspapers and supplements to newspapers in Ukraine since the beginning of the second world crisis in 2013, we will see that their number steadily decreased every year and by the beginning of 2021 had decreased by 741 units or by 32% (Dankova 2020) (Table 1):

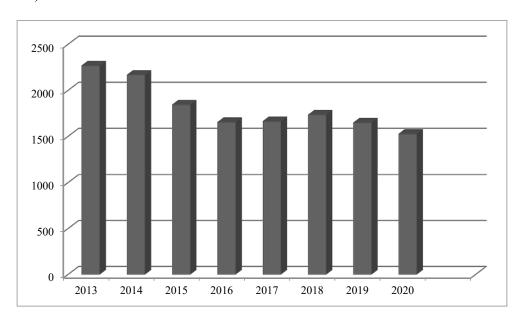


Table 1. Dynamics of publishing newspapers and supplements during 2013–2020

Actually, such dynamics of the newspaper market clearly characterizes the state of development of the general print media market, which in 2013 featured 5,529 periodicals, and seven years later only 3,773. That is, in fact, the overall print media market has shrunk by 31% (Dankova 2020).

At the same time, it should be emphasized that the number of publications continued to decrease. Thus, in 2021, according to the data of the Book Chamber of Ukraine, the number of published newspapers amounted to 1,387 titles (Book Chamber of Ukraine 2021), which is 142 editions less than in the previous year. As for the next year, as of June 2022, the Book Chamber of Ukraine counted only 728 magazines and 837 newspapers (Book Chamber of Ukraine 2022), which, due to objective circumstances, testifies to a disappointing tendency to reduce the output of periodical printed products.

Peculiarities of the development of the print media market in Ukraine are related to many voluminous, objective and interdependent factors, which in the time frame of 2000 – the first half of 2022 have certain and specific characteristics.

The crisis of the printed press in Ukraine coincides with four general and all-encompassing crisis periods.

The first period. 2008 – economic crisis. During this period, publications reduced their budgets, and some did not stay on the market at all.

The second period. 2013–2014 – the second economic crisis. Due to the decrease in the number of subscribers, printed publications again reduced their budgets, and some ceased to exist (for example, "Halytski Kontrakty", "Investhazeta", the glossies "Esquire Ukraine", "National Geographic", "Domashnyi Ochah", Ukrainian "Men's Health " were closed). In the same year, the largest subscription agency "Samit" went bankrupt, and the publishing house "Komersant" also left the market. Some of these publications – "Halytski Kontrakty " have switched to the online format.

The consequences of this second economic crisis for print media were ruthless in perspective, both from the standpoints listed above, and from the standpoint of the problem of functioning of quality print media in Ukraine. Already in 2018, in the publication of the newspaper "Den" "How to save Ukrainian media", we read: "Popularity, trust and advertising are the three pillars on which the media market stands. But in Ukraine, all three pillars of the media industry are going through a significant crisis... Now the most serious crisis in the country's media market is ongoing, related to purely material issues." (Kovalevskyi 2009). And this crisis can be overcome by the following methods: 1) digitalization. The development of the digital component in accordance with the requirements of the time, the needs of the audience and the request of advertisers is a necessary condition for the preservation of such traditional media; 2) to overcome the crisis of trust, because the audience trusts journalists and mass media less and less (Kovalevskyi 2009).

The third period. 2019 – February 2022 – the COVID-19 pandemic – the beginning of a full-scale Russian war in Ukraine. According to DetectorMedia's calculations, as of 2020, the publication of 110 newspapers and 63 magazines has been suspended as result of the quarantine. This especially affected national publications ("Den", "Ukrayinskyy Tyzhden", "NV", "Fokus" and others). Almost immediately after the announcement of the quarantine, the publishing house "Ukrayinskyi Media Dim", which is part of the "Ukrayinskyy Media Kholdynh" (UMH Group) and publishes the newspapers "KP v Ukrayini", "Arhumenty i fakty", magazines "Telenedelya", "Korespondent", "Denhy", "Futbol" and others stopped publishing its publications (State Committee for Television and Radio Broadcasting of Ukraine 2021).

Thus, it can be argued that the market of print media, as well as the market of traditional media in general, experienced and is still experiencing a shortage of money. Such a financial situation generates the following consequences: 1) a drop in income from subscriptions and advertising; 2) downsizing in the media; 3) reducing the financial remuneration of journalists (this applies not only to wages or fees, but also to the introduction of the practice of payment of labor in accordance with work under the agreement).

The fourth period. From the end of February 2022, during the full-scale aggression of the Russian Federation on the territory of Ukraine, the next stage of the development of printed publications begins. As N. Dankova rightly observes, newspapers and magazines "are losing weight, buying paper in Belgium and Finland, hoping for grants, moving online and social networks — in short, despite everything, they are trying to stay on the market" (Dankova 2022). Violation of the logistics of delivering the necessary material and equipment for the production of a high-quality printed publication, its distribution (impossibility to do this in the war zone and occupied territories), the outflow of advertisers, or more precisely, the disappearance of the advertising market in general, the reduction of labor resources — these are the challenges that had to be faced and still have to fight the print media market at the time of writing. As a result, many newspapers went on hiatus already in the first days or weeks of the great war.

It is worth noting that the third month of the war was a turning point for many editorial offices. Some publications closed down (in particular, the all-Ukrainian newspaper "Den"), some others – on the contrary – were able to resume printing at the end of May or in early June (in particular, the Kharkiv newspaper "Slobidskyi Kray", the Chernivtsi "Sim dniv", etc.). Newspapers are looking for new sources of income and business models in order to survive: in Chernihiv region, three editorial offices united to publish a joint newspaper, in Khmelnytskyi five newspapers of one media company were united, Odesa newspapers "Odesskaya zhyzn" and "Na pensii" are published now not in Kyiv, but in Ternopil. Meanwhile, "Ukrposhta" has started a subscription campaign for the second half of the year in all regions except Luhansk, Donetsk and Kherson.

In the relatively calmer regions of Western Ukraine, printed publications also felt the impact of the war. Thus, the most widely circulated newspaper in Lviv, "Ekspres", did not stop publishing

after February 24, only "lost weight" from 24 pages to 16. They saved on the TV program, because now most channels show the same thing – a joint marathon. According to the editor-in-chief of the newspaper, Ulyana Vityuk, after the beginning of the full-scale invasion, the editorial office started working on the portal for Ukrainians in Poland, Ukrayina.pl (Dankova 2022).

As a whole, the editions were able to be printed again, when one of the most painful issues of print media was solved – the lack of paper. Previously, 90% of paper was imported to Ukraine from Russia and Belarus; after the cessation of trade with the aggressors, the price of paper, which began to be delivered from Poland, Germany, Belgium and Finland, doubled, which accordingly affected the final price of the publication for the buyer.

President of the Ukrainian Association of Media Business, Oleksiy Pohoryelov noted that after the first three weeks of the war, more than 80% of newspapers and magazines were working. Some of them, having lost the opportunity to print and deliver newspapers, focused on distributing content on websites and social networks (Ostapa 2022). The association managed to get help from international media organizations to save Ukrainian print publications. In particular, the foundation of the Polish edition "Gazeta Wyborcza" donated 70 tons of newsprint to Ukrainian publishers, the World Association of Newspapers and News WAN-IFRA and one of the largest Scandinavian media conglomerates Schibsted saved 57 printed and 40 digital media.

Despite all the problems with printing and logistics, "Ukrposhta" started at the end of April the first subscription of newspapers and magazines during the martial law for the second half of 2022. Subscriptions for electronic catalogs began on April 25, and for printed catalogs from April 28 for all regions of Ukraine, except for the territories of Luhansk, Donetsk and Kherson regions. The resumption of delivery of newspapers and magazines in liberated settlements takes place under the conditions of safety for customers and employees of Ukrposhta. It should be noted that "Ukrposhta" itself has already lost more than 500 branches by the beginning of April 2022 (Ukrinform 28 April 2022).

Since the beginning of the war, Pylyp Orlyk Institute of Democracy has been monitoring the press. It was the monitoring that showed that the stabilization of the market of printed editions in calmer regions such as Lviv took place only in the 6th month of the war. Most of the newspapers were able to return to their pre-war volumes and even in some places resumed printing of television programs (Institute of Democracy named after Pylypa Orlyka 22 August 2022). We have a different situation with printed publications in the regions that were subjected to occupation, such as Sumyshchyna. A monitoring report for August 2022 noted that the press was somewhat war-weary. By and large, their regular output and informing the audience is primarily due to enthusiasm, which helps to work despite real physical danger, because some mass media operate in a war zone; despite the lack of an advertising market and support from the authorities; despite the shortage of workers, because some were forced to leave for safer territory. This fatigue is felt in the reduction of the genre and thematic palette (Institute of Democracy named after Pylypa Orlyka 23 August 2022).

In addition to the above-mentioned temporary and historically significant catalysts for sharp changes in the media market of Ukraine, it is necessary to single out the factors that significantly influenced the functioning of the print media market today.

**Factor 1.** *Digitalization*, which has absorbed all spheres of human life, including the way of information consumption. For print media, this phenomenon has two global meanings: first, the possibility of a printed periodical brand to function on the media market, which in the long run may lead to the following – a decrease in circulation, and possibly the disappearance of its traditionally paper version. Actually, that is why it is not surprising that scientists today are trying to answer the question: "Will the Internet replace the printed press?" (News of Zhytomyr 2019). Already today, on the Ukrainian media market, previously printed publications such as "Dzerkalo Tyzhnya", "Den", "Vysokyi Zamok", "Tyzhden", etc. have switched to online format.

However, despite the global trend of such a transition, one can agree with the words of the American political commentator Jack Schaefer that the printed press remains the best format (Shafer 2016).

**Factor 2.** Logistics. The destruction of logistics and distribution networks is frequent, as a result of which the cost of delivery channels has increased significantly. We are talking not only about the closing of newsstands (for example, the Lviv "Vysokyy Zamok" and "Ekspres" newsstands), but also about the reduction of postal branches of the state enterprise "Ukrposhta". The latter actually became a significant factor, because through the Ukrposhta branch, people from the most remote corners had the opportunity to receive a magazine or newspaper by subscription or purchase.

It is especially important to emphasize the state of logistics during the Russian-Ukrainian war, which began in February 2022. This fateful event led to the impossibility of working in the absence of normal conditions for entire editorial offices of print media in hot spots, as well as the general destruction of printing logistics and distribution of print media on an all-Ukrainian scale.

**Factor 3.** Advertising. Outflow of advertisers from the newspaper and magazine market. Continuing the theme of the war, there was a large-scale outflow of advertisers from the entire media market. It also affected the sphere of online media.

**Factor 4.** *Raw materials*, or rather their increase in price. It is clear that the price of the issue number includes the cost of raw components (paper, paints, plates), which are imported and purchased only for currency on limited foreign markets. At the same time, publishers are forced to keep the selling price, taking into account the limited purchasing power of the population, and the cost price increases and directly depends on the dollar exchange rate (Book Chamber of Ukraine 2021). During the war, it is not so much about rising prices as about the shortage or absence of these raw materials, which we actually wrote about above.

**Factor 5.** *Psychological factor*: "information should be free" (Verstyuk 2019), so they will look for it on the Internet, social networks or television.

**Factor 6.** *Content and its promotion*. In addition to the mentioned catalysts, it is also necessary to talk about two more interrelated important things: the quality of the content and the ability to promote it (which means print media) in social networks. I. Verstyuk, a journalist of "Novoe Vremya", rightly notes that the law of supply and demand in the media market is primarily a matter of content quality (Verstyuk 2019).

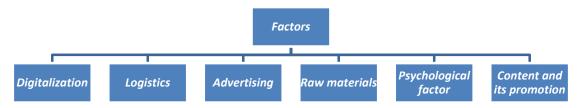


Table 2. Factors that have significantly influenced the functioning of the print media market today

In the context of the general state of the media economy of Ukraine, special attention should be paid to the fact that today there is a dynamic growth in the role of social networks as the main source of information. And it is not only about the fact that social networks have the palm of the hand for the average Ukrainian. Recently, such social networks as *Facebook*, *Twitter* or *Instagram* have become part of the traditional toolkit of journalists for obtaining information about current events, public assessments and opinions, government activities, etc (Harmatiy, Onufriv 2021). This trend is noticeable both in Western countries (for example, in the USA it is about 53% of citizens), and in Ukraine, where the share of users who consume news on social networks has increased from 45% to 63% (Walker, Matsa 2021). And although researchers and public activists constantly warn that

viewing news on social networks is not always safe due to misinformation or manipulative messages, the convenience and speed of such consumption outweighs all the mentioned risks.

At the beginning of this scientific research, a study by the Thomson Reuters Foundation in 2021 was mentioned. It showed that the main source of information for Ukrainians is search engines and social networks. And the same situation continues to persist even during the war in Ukraine, despite the fact that the joint telethon "Yedyni Novyny" was created on the basis of the leading TV channels with the largest pool of viewers. In particular, at the beginning of the summer of 2022, the Kyiv International Institute of Sociology published a survey report "Media consumption of Ukrainians in conditions of full-scale war". According to its results, more than three quarters of Ukrainians (76.6%) receive information about the war through social networks, from television – 66.7% of respondents, another 61.2% read news on the Internet (not including social networks), and 28.4% of Ukrainians listen to the radio (Media consumption of Ukrainians in conditions of full-scale war 2022). As for print media, only 15.7% of respondents receive information from them. As we can see, if in 2021 23% of Ukrainians read the newspaper, then already in wartime, this number has significantly decreased.

In July 2022, we conducted our own survey, "Where do you get information in time of war?", using a random sample. In response to the question: "Indicate from which sources you regularly receive information?" 61% of respondents answered that it is social networks, and only 5.6% get information from TV channels that are alternative to the joint telethon "Yedyni Novyny", and another 1.4% listen to the radio. At the same time, none of the respondents claimed that they regularly receive information from print media, but only 16.7% received it at least once from print publications (newspapers, magazines, bulletins, etc.) since the full-scale invasion of Russia into Ukraine.

What is important in a situation where social networks are the main source of information during the war, the total majority of respondents -91.7% – check the received information.

Verification of information is extremely important for a state that is at war, and its individual regions are under occupation. This begs the question: what caused the fact that the majority of information consumers check it? In our opinion, this can be explained by four main factors:

- 1) an active centralized information campaign of the state, which called on citizens of Ukraine to check the information due to its correspondence with official notifications of state authorities, to distrust unknown accounts in social networks and media, in particular, Russian media;
- 2) positioning of the joint telethon "Yedyni Novyny" TV as the megaphone of official messages and the only source of true news;
- 3) information and educational campaigns were conducted on all official state resources, Ukrainian public educational platforms, and in "Yedyni noviny", the main purpose of which is to teach citizens to detect fakes and false reports. That is, a kind of media literacy training was held. If until February 24, 2022, people talked about fakes, deepfakes, manipulation, and bots mainly in certain educational and research circles, then after this tragic date, these concepts became known to every average Ukrainian. It was the warning about the possibility of a deepfake with V. Zelenskyi that was first heard from the telethon "Yedyni Novyny". After all, the Russians did spread such a deepfake, where the President of Ukraine allegedly called on the people and the army to lay down their arms;
- 4) for the first time in the history of independence, the Center for Combating Disinformation was created under wartime conditions a working body of the National Security and Defense Council of Ukraine, which collects and refutes false text and audio-video content. At the same time, the specified center conducts its activities on all possible platforms of social networks, calls on citizens to collect and send unreliable and suspicious information and its sources.

Of course, we can also speak here about the role of specialized media organizations (such as "Detektor Media", "Stop Fake!", "VoxUkraine", etc.), which on a volunteer basis, especially in the first four months of the war, intensively monitored and refuted fake information.

Considering the above factors, we can conclude that the war showed that Ukrainians were able to pass the test of "collective media literacy", which can be the subject of another thorough scientific investigation.

Despite the war, as we noted above, today we are observing a certain stabilization of the Ukrainian print media market. This is particularly evidenced by the data of the Book Chamber of Ukraine for the last three months (Table 3) (Book Chamber of Ukraine 2022).

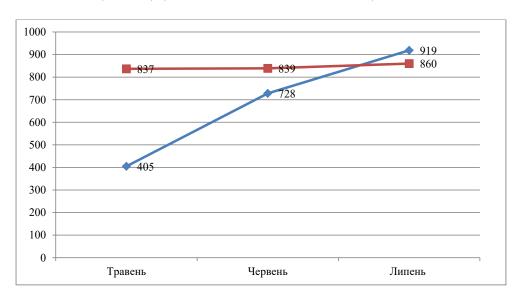


Table 3. Number of printed newspapers and magazines for the last 3 months in 2022

**Discussion**. So, the question arises: what helped the print market of Ukraine to adapt to the economy of the state, which is in a state of war?

First of all, let's emphasize that no media, even online, knew what to do, how to work from the morning of February 24, 2022. The first days of Russia's full-scale military invasion of Ukraine showed that practicing Ukrainian journalism was not at all ready to work in wartime conditions. Despite the fact that the local war in Ukraine has been going on since 2014, neither the journalists of the leading Ukrainian media, nor even regional media, were able to immediately adapt to functioning in the conditions that arose. In just a day or three, each of the media chose a certain work format for itself. In general, this format in the first three months of the war is characterized by certain features:

*Operating mode 24/7.* Journalists worked 24/7 to support their audience and society at large, providing news from the front lines, informing them of possible bombings and missile strikes. An important place in the media space is occupied by information from journalists who specialize in military topics and have considerable professional experience in war zones both in Ukraine and abroad. Yurii Butusov, Roman Bochkala, Andriy Tsaplienko, Nataliya Nahorna and others not only report on frontline events, but also try to explain the specifics of each military weapon, how to protect oneself during shelling, while in captivity, etc.

**Psychological pressure.** Members of the newsrooms and journalists were under extremely strong psychological pressure, which was intensified by concerns for their own safety and the safety of their relatives and friends.

Changing the media product. Each mass media radically changes the format of its own product: the main ones are the news feed, the news digest and the infomarathon, which were distributed mainly through YouTube and Telegram. The main emphasis of print media is not on print, but on the activation of their own Internet versions and pages in social networks.

Changing the business model of editorial offices. Editorial offices that did not have thoughtful and long-term planning did not have plans for how to work in wartime. It is clear that there was no stability, and in order to avoid chaos in the publishing and economic process, the editors drastically shortened the planning period to one week, at best a month. Another factor that contributed to the change in the business model is human capital: very often, employees performed their work at a distance, without being directly at the place of operation of the editorial office. Even worse, when the editorial staff was being optimized (employees resigned themselves or were fired), the volume of work was performed by a limited number of people.

Change of content. Not only television and radio, but also newspapers and magazines radically change their content. The main topics of journalistic materials can be briefly formulated as "human and technical losses of the occupiers", "interactive map of hostilities", "human fates in bomb shelters", "human fates due to evacuation". Materials about the activities of volunteers, soldiers of the Armed Forces of Ukraine, the activities of local territorial defense, as well as reports on the reaction of the international community to Russia's military aggression in Ukraine, also featured prominently. In general, it was possible to observe the total predominance of informative genres of journalism over analytical and artistic-journalistic genres. But despite this, journalistic materials were imbued with the spirit of patriotism.

Changing the message to the audience. If before these terrible events, for many newsrooms, Ukrainian society was measured only by the concept of "consumer of information", on which it is necessary to raise one's own ratings, increase circulation, then since the end of February, the emphasis and permanent understanding of one's audience has changed completely. During the first three months, the understanding of one's own audience as a single people, where the life of every Ukrainian is of paramount value, is crystallized.

Change in funding sources. The sudden disappearance of advertising in the media, which was the main financial foundation of their operation, became a great test for editorial offices. And the situation was saved by measures such as international donor support, crowdfunding, grants and charitable funds of various levels. In particular, financial aid programs from such institutions as the Institute of Literary Studies of the Polish Academy of Sciences, the Association of European University Presses, the Gene Roberts CPJ Emergency Fund, and the French National Foundation for Open Science deserve attention. SUES – Supporting Ukrainian Editorial Staff is an initiative of several European organizations in the field of scientific communication: IBL-PAN (PL), OPERAS (BE), DOAJ (UK), DOAB (NL), EIFL (NL), AEUP (FR), according supported by a group of 30 French editors and publishers, aimed at supporting those working on the dissemination and communication of knowledge in the scholarly publishing sector. Thanks to this initiative, each scientific periodical that applied received financial support in the amount of 1,500 euros.

The leading media groups and media holdings of Ukraine were unable to develop financially according to a previously developed business strategy. And a vivid example of this is "Media Hrupa Ukrayina" (a media concern of the most rated TV channels in Ukraine). In order to implement the unified information policy, which we talked about above, during the war, the President of Ukraine issued a Decree obliging all national TV channels to unite and broadcast the telethon "Yedyni Novyny #UArazom" and the largest TV channels (Decree of the President of Ukpaina No. 152/2022), which until February 24 have competed, united and broadcast news non-stop. But in July, the management of "Media Hrupy Ukrayina" decided not only to withdraw from this telethon, but also to withdraw from the media business, since in economic terms, the operation of this media group on the Ukrainian information market became too expensive for the owner-businessman Rinat Akhmetov, who during the war lost 9.5 billion dollars (Forbes, 2022).

Conclusions. The specifics of the print media market in Ukraine during 2000-July 2022, in comparison with the general situation of the state of the media economy, includes a number of trends, fac-

tors and features. The clarity of the processes at each stage of its functioning is determined by certain defining events of a historical, economic and international nature. The peak of drastic changes was caused not at all by the Covid-19 pandemic, but rather by the large-scale military invasion of Russia on the territory of Ukraine at the end of February 2022. If the pandemic gave some time to adapt the work of newsrooms in new conditions, then the unthinkable war in the country located in the center of Europe proved the complete unpreparedness of the Ukrainian journalistic community to act and work in the first days of the war. Only time, international support of the media front, flexible editorial management in financial and creative terms helped mass media to survive and continue to function.

## **References:**

- 1. Book Chamber of Ukraine (2022). Operational data on the number of mandatory copies of publications received in 2022. *Book Chamber of Ukraine*. Retrieved from http://surl.li/aagroa [in English].
- 2. Book Chamber of Ukraine (2021). Issue of newspapers in Ukraine (1991–2020). *Book Chamber of Ukraine*. Retrieved from http://surl.li/kpoeqf [in English].
- 3. Book Chamber of Ukraine (2021). Publication of newspapers in Ukraine in 1991–2021. *Book Chamber of Ukraine*. Retrieved from http://surl.li/nhlcon [in English].
- 4. Dankova N. (2022). Yak vyzhyvaiut hazety ta zhurnaly pid chas viiny. Sim istorii z riznykh kutoch-kiv Ukrainy [How newspapers and magazines survive during the war. Seven stories from different parts of Ukraine]. *Detector Media*. Retrieved from http://surl.li/qxmquv [in Ukrainian].
- 5. «Pro rishennia Rady natsionalnoi bezpeky i oborony Ukrainy vid 18 bereznia 2022 roku (2022, March, 19). «Shchodo realizatsii yedynoi informatsiinoi polityky v umovakh voiennoho stanu» [Decree of the President of Ukpaina No. 152/2022 "On the decision of the National Security and Defense Council of Ukraine of March 18, 2022 "Regarding the implementation of a unified information policy under martial law"]. Ofitsiine onlain-predstavnytstvo Prezydenta Ukrainy Official online representation of the President of Ukraine. Retrieved from http://surl.li/fzoioj1522022-41761 [in Ukrainian].
- 6. Forbes (2022, August, 10). Today's Winners and Losers. *Forbes*. Retrieved from URL http://surl.li/pxkzds [in English].
- 7. Harmatiy, O. & Onufriv, S. (2021). Sotsialni merezhi yak dzherelo informatsii v roboti zhurnalista [Social networks as a source of information in the work of a journalist]. *Visnyk NU «Lvivska politekhnika»: zhurnalistyka Bulletin of the Lviv Polytechnic National University: journalism. No. 2* (2), 45–52. doi: 10.23939/sjs2021.02.045 [in Ukrainian].
- 8. Imarc Group (2021, January, 8). Print Media Global Market Report 2021? *Imarc Group*. Retrieved from http://surl.li/sobtcs. [in English].
- 9. Instytut demokratii imeni Pylypa Orlyka (2022, August, 22). Monitorynhovyi zvit za serpen 2022 Lvivska obl. [Monitoring report for August 2022 Lviv region] *Instytut demokratii imeni Pylypa Orlyka Institute of Democracy named after Pylypa Orlyka*. Retrieved from http://surl.li/aocbzq [in Ukrainian].
- 10. Instytut demokratii im. Pylypa Orlyka (2022, August, 23). Monitorynhovyi zvit za serpen 2022 r. Sumska obl. [Monitoring report for August 2022 Sumy region]. *Instytut demokratii imeni Pylypa Orlyka Institute of Democracy named after Pylypa Orlyka*. Retrieved from https://idpo.org.ua/reports [in Ukrainian].
- 11. Ishchenko, N. (2018, March, 23). How to save the Ukrainian media? *Den.* Retrieved from http://surl. li/agidsv [in English].
- 12. Komarova, O. (2018, October, 23). Chomu ukrainski ZMI ne mozhut prypynyty vykhodyty rosiiskoiu: arhumenty ta propozytsii [Why Ukrainian media cannot stop publishing in Russian: arguments and proposals]. *Radio Svoboda*. Retrieved from http://surl.li/wbuhgs [in Ukrainian].
- 13. Kovalevskyi, V. (2009). Suchasnyi stan i tendentsii rozvytku mediasfery Ukrainy [Current state and trends in the media sphere of Ukraine]. *Political management Politychnyi menedzhment.* 5 (38), 109–119. [in Ukrainian].

- 14. Kovinko, O. & Pavliuk, N. (2016). Suchasnyi stan ta perspektyvy rynku drukovanoi reklamy v Ukraini [The current state and prospects of the print advertising market in Ukraine]. *Economy and society Ekonomika i suspilstvo*, *3*, 210–213. [in Ukrainian].
- 15. Kundirenko, G. (2011, February, 11). Chy vytisnyt Internet drukovani ZMI? [Will the Internet displace the print media?]. *BBC NEWS Ukraine*. Retrieved from http://surl.li/vvotfm [in Ukrainian].
- 16. News of Zhytomyr (2019, August, 20). Drukovani ZMI v Ukraini: provalnyi sezon, yakyi ne zakinchuietsia [Print media in Ukraine: a failed season that does not end]. *News of Zhytomyr*. Retrieved from http://surl.li/rdwith [in Ukrainian].
- 17. OPORA (2022, June, 1). Mediaspozhyvannia ukraintsiv v umovakh povnomasshtabnoi viiny [Media consumption of Ukrainians in conditions of full-scale war]. *OPORA survey*. Retrieved from http://surl.li/anfkal [in Ukrainian].
- 18. Ostapa, S. (2022, April, 5). Oleksiy Pogorelov: Naibilshymy problemamy hazet pid chas viiny buly papir i dostavka [Oleksiy Pogorelov: The biggest problems of newspapers during the war were paper and delivery]. *Detektor Media*. Retrieved from http://surl.li/xspugd [in Ukrainian].
- 19. Shafer, J. (2016, October, 1). What If the Newspaper Industry Made a Colossal Mistake? *Politico Magazine*. Retrieved from http://surl.li/rquxcz [in English].
- 20. Sheresheva, M., Skakovskaya, L. & Bryzgalova, E. (2021). The Print Media Convergence: Overall Trends and the COVID-19 Pandemic Impact. *J. Risk Financial Manag*, *14*(8), 364. [in English].
- 21. Sjøvaag, H. & Owren, T. (2021). Risk perception in newspaper chains: Threats, uncertainties and corporate boundary work. *Journalism*, *18*, 34-64. [in English].
- 22. Skliarevska, H. (2021, October, 7). Doslidzhennia Thomson Reuters: Sotsialni merezhi ta poshukovi systemy naipopuliarnishi dzherela informatsii v Ukraini [Thomson Reuters research: Social networks and search engines are the most popular sources of information in Ukraine]. *Media Detector*. Retrieved from http://surl.li/tsdayf [in Ukrainian].
- 23. Vypusk drukovanykh ZMI v Ukraini u 2020 rotsi (2021, March, 29) [Issue of print media in Ukraine in 2020]. State Committee for Television and Radio Broadcasting of Ukraine Derzhavnyi komitet telebachennia i radiomovlennia Ukrainy. Retrieved from http://surl.li/brokek [in Ukrainian].
- 24. Lowrey W. & Gade J. P. (2011). Changing the News The Forces Shaping Journalism in Uncertain Times, *Taylor & Francis*, 321. Retrieved from http://surl.li/gqjlua [in English].
- 25. Ukrinform (2022, April, 28). Ukrposhta zapochatkuvala pershu peredplatu hazet i zhurnaliv u roky viiny [Ukrposhta started the first subscription to newspapers and magazines during the war], *Ukrinform*. Retrieved from http://surl.li/ixfjgq [in Ukrainian].
- 26. Verstyuk, I. (2019, December, 1). Maibutnie drukovanykh ZMI prodavaty sens chytacham [The future of print media to sell meaning to readers]. *The Lede*. Retrieved from http://surl.li/gmmnbb [in Ukrainian].
- 27. Walker, M., & Matsa, K. (2021, September, 20). News Consumption Across Social Media in 2021? *Pew Research Center*. Retrieved from http://surl.li/vtumtx [in English].