

## Analyzing Morphological Process in Two News Articles Found in NBC News

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### Abstract

*The aim of this research is to know the kind of morphological process that the students mostly used in their utterances. This research was qualitative research and the resources of this research is from NBC News. The subject of the study was the third semester students who were taking Morphological and Syntax subject in English Education of Islamic State University of UIN Alauddin Makassar. This subject is limited only to third semester students in academic year 2023/2024. The data collection method used in this research is based on news articles related to war and kidnapping issues. This data contains word formation and will be classified based on categories and then analyzed based on word formation found in NBC News, namely derivation, compound, acronym, clipping/abbreviation, and conversion. By these types, compound words are the word formations that are most often found in articles because they are the basic division in word formation. However, in this research, the researcher did not find clipping process. Based on the data collected, the researcher found 233 word formation on the NBC news articles. The researcher concluded that 188 words of derivation, 11 words of compound, 1 word of acronym, 4 words of initialism and 19 words of conversion.*

**Keywords:** Morphological process, word formation, NBC News

### INTRODUCTION

In learning English as a foreign language, not only students learn about the four basic skills like speaking, listening, writing, and reading, but they also learn the subskills of them such as pronunciation, grammar, and vocabulary. This is because all of them are related each other. However, in learning a language, the students must also learn about linguistics and its branches to know the context of language, the origin of words and how they are formed. One of the linguistic studies is morphology.

Morphology is the study of how words are put together. According to Lieber, morphology includes the study of word formation, including the ways new words are coined in the languages of the world, and the way forms of words are varied depending on how they're used in sentences. One of branches in linguistics which concerned with the structure of word is named by morphology. Morphology focuses on the process of creating new words. One of morphological study is word formation including the ways of making new words. While Yule stated that there are ten types of word formation, they are coinage, borrowing, compounding, blending, clipping, back formation, conversion, acronym, derivation, and the last is multiple processes.

Morphology and word formation are related to each other because basically morphology is a science that studies the intricacies of words and also the function of

changing these forms, both the grammatical function and meaning of word based on the context of use, or the semantic function or based on the context of use. The meaning of the word in the dictionary/ lexical meaning.

Word formation occurs when the word processes into a new word. It can happen in several ways. They are acronym, clipping, blending, compounding, inflection and derivation. These word formations are always used in writing since they are considered as the parts of grammar. However, many students still make errors in using them, for instance, students placing infinitives when they should use a past verb, or when they should put plural but they place singular and having error to put some parts of derivation affixes. There are some assumptions to think. First, it may come from students who get problems in understanding the material and lack knowledge. Second, they actually can do that, but they make mistakes when practicing to create a sentence. The last, teachers might lack of knowledge which causes teaching and learning process to be less effective. By this research, it hopefully helps the students to improve their skill in writing and become good writers. Considering its importance, the study served to take word formation by exposing Yule's (2010) theory in students' writing. The English word formation included are acronym, blending, clipping, compounding, inflection, and derivation.

Morphological process is means of changing a stem to adjust its meaning to fit its syntactic and communicational context. The existence of related words with a systematic form meaning difference is crucial in assigning morphological structure to a word (Booij, 2005 : 5). Morphology is a basic study form of language and the study of word formation (Yule, 2010), including the ways new words were created in the languages of the world. The variation of forming of words depends on how they are used in sentences. That is why morphology has relationship with the four basic English skills especially in writing, because in writing the students are required to be able to make words and its forms, and arrange them into the sentences. With morphology, students can learn how the words are formed.

In linguistic, morphological derivation is the process of forming a new word on that basis of an existing word, e.g. happiness and unhappy from the root word happy, or determination from determine. It often involves the addition of a morpheme in the form of an affix, such as -ness, un-, and -ation in the preceding examples.

Compound are words formed by combining roots, and the much smaller category of phrasal words, that is items that have the internal structure of phrases but function syntactically as words. Compounding is the process of combining two words (free morphemes) to create a new word (commonly a noun, verb, or adjective). "A compound word contains at least two bases which are both words, or at any rate, root morpheme. Compounding is very important way of adding to the word stock of English" Katamba (1994: 49).

Acronym and initialism. They are the types of word formation by taking the initial letters in a phrase or name. According to Barnhart (2006:670), acronyms are uttered in single words like SARS, AIDS, UNESCO, while initialism is uttered as an order of letters (letter by letter) like UK, USA, DNA. The next type of word formation is inflection. Inflection is the process of word formation by adding suffix, but it does not change the word class as well as the meaning. This is because it just indicates the grammatical function of the words (Stageberg, 2018). For example, the word "house" if added suffix -s(becomes "houses"), the word class and the meaning do not change because suffix -s is for indicating the plural noun.

clipping is a kind of shortening. It means cutting off the beginning or the end of a word, or both leaving a part to stand for the whole. The resultant form is called a clipped form (Stageberg :1974:121) .It is widely used in English as Marchand ,(1969:448f ) shows that the clipped forms originate as terms of special group like school , army, police , the medical profession and so on. It is not surprising that the apparent irregularity of form of clipping opens door for creativity and playfulness, irony, and unconventionality .Its resulting originality is attention-catching and is often exploited in advertising and headlines. This is one of the reasons why clippings have enjoyed an unprecedented popularity and productivity in English in recent decades. Admittedly, they are not always welcome in more formal registers, that is, they are stylistically marked. However in advertising, in media and in modern technology, they have established themselves. There is no word formation process in Arabic known as clipping at all, but there is a partition process which may be similar in one way or another to clipping in English.

Conversion is derivational process where by an item is adapted or converted to a new word class without the addition of an affix. The English conversion types covers direction conversion, partial conversion, deverbal, deadjectival, conversion to verb, conversion to adjective, minor categories of conversion, change of secondary word class: noun, verbs, adjectives, change with formal modifications. To determine the linguistic status of conversion and its place among other types of word formation is not a simple matter either, and, paradoxically, it is especially so in the case of the most extensively studied English conversion. The reason for this is that the traditional view of conversion has often been called into question, giving rise to a diversity of interpretations of conversion not only in English but also in a cross-linguistic perspective. Conversion research has gone a long way to explore the mechanism of conversion as a kind of word formation; nevertheless, further research is necessary to understand every detail of this mechanism.

From the explanation , the researcher intended to do this research in order to find out the types of word formation found in NBC news articles, and analyze how the words are formed which related to the process of word formation.

Researching word formation is important to do because word formation is the most productive way to expand the vocabulary of a language. Word formation in the language system is determined by its function, i.e. the creation of new words and phraseological units that name new concepts. The study of word formation processes allows a deeper understanding of the interaction of subjective and objective factors in the language, to identify various ways of designating objects and phenomena of objective reality, which are constantly reflected in the minds of people (Ufimtseva, Aznaurora, Kubryakova, Telia, 1977, 71-72).

This research has relation with some previous studies done by researchers. First is the research done Widya Sari [2021] entitled “*Word Formation Process of Business Term in Antara News Website*”. The result of this research indicated that, that are 117 data. There are 3 types of word forrnation process found in this research, such as compounding (9,40%), acronym (5,98%) and derivation (84,62%). However, in this research, the researcher did not find blending and clipping process. The function of word formation in this research, there are those that combined to separated word, some are abbreviated of sentence and affixes process, both of affixes at the front or back of the word. In this research, the researcher found the derivation as the most of word formation process.

Second, the research done by Amelya Baiti Nur'aini, Juita Triana, Luana Fogli [2021] entitled "*The Analysis of Word Formation in Movie "Wonder" and Its Application in Teaching Vocabulary*". The result of this research shows that there are 148 word formations that are classified into ten types of word formation: 53 of compounding (36%), 5 of coinage (4%), 23 of borrowing (16%), 2 of blending (1%), 8 of clipping (5%), 3 of backformation (2%), 5 of conversion (4%), 2 of acronyms (1%), 45 of derivation (30%), and 2 of multiple processes (1%). The finding of this research can be applied in teaching vocabulary.

Third, the research done by Kadek Dian Asvini, Ni Nyoman Padmadewi [2023] entitled "*An Analysis of Word Formation Used in I Am Malala Novel by Malala Yousafzi*". The results of this study show that 633 words undergo the word formation process. Five words of coinages (0.79%), 14 words of back-formations (2.21%), 53 words of acronyms (8.37%) and 392 words of derivation (61.92%). The most prevalent type of word formation found is derivation. It comprises 61.92% of the general term. Derivation has 392 words out of 633 words.

Fourth, the research done by Elsa Octavia, M. Zaim [2022] entitled "*Analysis of Word Formation Processes Used by Food Vloggers*". The data were analyzed based on several word formation process theories. This research used descriptive method. Based on the data analysis, the researcher found 196 words containing the word formation process related to food and 7 out of 11 types of word formation process. They are (1) borrowing, (2) compounding, (3) clipping, (4) conversion, (5) derivation, (6) inflection, and (7) multiple process. The finding shows that this research is dominated with borrowing process with the frequency of 60 data (31%).

Fifth, the research done by Simatupang [2022] entitled "*New-Word Formation and Social Disruption on Metaverse*". The result of the research is three words; Persistent Virtual World (PVW), blockchain and NFT that massively arise in the Metaverse terminologies. Based on the analysis, it can be concluded that those terminologies are categorized to morphological and semantic neologism; which also includes abbreviation and broadening. The notion of an immersive internet as a massive, unified, persistent, and shared realm are at the core of Metaverse.

The National Broadcasting Company (NBC) is an American commercial broadcast television and radio network serving as the flagship property of the NBC Entertainment division of NBC Universal, a subsidiary of Comcast. Headquartered at the Comcast Building in New York City, NBC also has offices in Los Angeles at 10 Universal City Plaza and Chicago at the NBC Tower.

The objective of this research is to identify types of word formation. Among other things, derivation, compounds, acronyms, and conversions contained in the news entitled "*Russia and the Ukraine Exchange Hundreds of Prisoners of War in Biggest Release So Far*" and "*FBI Issues Cyber Arrest Warning After an Utah Student Was Found in the Mountains*".

## **METHOD**

This research was conducted using a qualitative descriptive approach. According Creswell (2010), a qualitative approach that builds statement or knowledge based on a constructive perspective (for example, meanings originating from individual experience, social and historical values, with the aim of building a particular theory or pattern of knowledge), or based on participatory perspective (for example: orientation towards politics, issues, collaboration, or change), or both. Therefore, the word formation described here is based on the word formation found in NBC news articles. The source of this

research comes from NBC news articles relating to war and kidnapping issues. Meanwhile, the research data is the formation of words contained in these articles.

The participant in this research were students majoring in English Education at Alauddin State Islamic University, Makassar in third semester. This was because students in third semester took the Morphology and Syntax class. So, the instructor in this course requires students to collect and analyze word formation from news articles and here the researcher choose to use NBC news as research source.

In collecting data, students carry out several stages to achieve a goal and took several steps. First, collect journals from the last 4 years as a reference, then look for news articles on NBC news and are free to choose any related news, then required to identify each word and classify them based on their type. Researcher analyze and identify each word formation.

## RESULT

After doing the research, finally the researcher got the findings. From NBC news articles. It was found some types of word formation, in which the data can be seen in the following table.

Table 1. word formation found in NBC News Articles

No	Types of word formation	Total of Data
1	Derivation	167
2.	Compound	11
3.	Acronym	1
4.	Initialism	4
5.	Clipping/Abbreviation	0
6.	Borrowing	2
7.	Conversion	19
Total		225

## DISCUSSION

Here some explanation of the table above related to the types of word formation and the processes of how they formed.

Derivation is a word formation process that produces new lexemes (generating different words from different paradigms); the formation of derivation is unpredictable. Here are the sample of the analysis.

Table 2. Derivational Process

No	English Word	Types of Word Formation	Types of Word Formation
1.	Kidnapping (n)	Derivation	Kidnap + suffix (-ing)

2.	Enforcement (n)	Derivation	Force + prefix (en-), + suffix (-ment)
3.	Exchanged (v)	Derivation	Change + prefix (en-), + suffix (-ed)
4.	Indiscriminately (adv)	Derivation	Discriminate + prefix (in-), + suffix (-ly)
5.	Information (n)	Derivation	Inform + suffix (-ation)

In the word number 1, it can be seen that the word *kidnapping* is derived from three morphemes, they are *kidnap* and suffix *-ing* [*kidnap* + (*-ing*) = *kidnapping*]. As we know that the word *kidnap* is a verb, so to make it becomes a noun, it is needed suffix *-ing*, so that the word changes into *kidnapping*. In the case, suffix *-ing* has influence in changing the class of word, it is a verb into a noun. Because the class of word is changed, automatically the meaning of the word is also changed.

In the word number 2, is also the sample of derivational process of word formation. The word *enforcement* is derived from three morphemes, they are *force* + prefix (*en-*) + suffix (*-ment*) [*force* + prefix + suffix = *enforcement*]. The word *force* is a verb, so prefix *en-* and suffix *-ment* is joined with the word *force* makes the class of word is changed into noun.

In the word number 3, the word *exchanged* is derived from two morphemes, they are *change* and prefix *ex-* + suffix *-ed* = *exchanged*. As we know that the word *change* is a noun, so to make it becomes a verb it is needed prefix (*ex-*) and suffix (*-ed*). Because of the change of the word class influenced by prefix *ex-* and suffix *ed-*, it makes the meaning of the word is not changed.

In the word number 4, the word *indiscriminately* is derived from the word *discriminate* that is added with prefix (*in-*) and suffix (*ly-*), so there four morphemes contained in that word, they are *discriminate* + (*in-*) and (*ly-*) = *indiscriminately*. The word *discriminate* is a verb, so prefix (*in-*) and suffix (*ly-*) that is joined with the word *discriminate* make the class of word is changed into an adverb.

Then, in the word number 5, the word *information* is derived from three morphemes, they are *inform* + *ation*. The word *inform* is known as a verb, so suffix *-ation* that is added to word *information* makes the class of the word is changed into a noun.

Table 3. Compound Process

No	English Word	Types of Word Formation	Types of Word Formation
1.	Online (adv)	Compound	On (prep) + line (n)
2.	Blindfolded (v)	Compound	Blind (adj) + folded (adj)
3.	Blackmail (n)	Compound	Black (adj) + mail (n)
4.	Overnight (adv)	Compound	Over (adv) + night (adj)
5.	Spokesperson (n)	Compound	Spokes (n) + person (n)

The data number 1, is one of the samples of compound word. The word *online* is the combination of two free morphemes; *on* (prep) and *line* (n). These two morphemes can stand alone and have their own meaning. However if they are combined together, they create a new word and new meaning. This is proved by the meaning of the word that can be found in dictionary that *online* is refers to the condition when we are connected to the internet via devices (gadgets), computers, laptops, tablets, and smartphone.

Next is the compound word in the data number 2. The word *blindfolded* is the combination of two free morphemes; *blind* (adj) and *folded* (adj). These two morphemes can stand alone and have their own meaning. If they combined together, they create a new word and meaning. *Blindfolded* is garment, usually of cloth, tied to one’s head to cover the eyes to disable the wearer’s sight. While a properly fitted *blindfolded* prevents sight even if the eyes are open, a poorly tied or trick *blindfolded* may let the wearer see around or even through the *blindfolded*.

The data number 3, the word *blackmail* are the combination of two morphemes; *black* (adj) and *mail* (n). This two morphemes can stand alone and have their own meaning. *Black* is an adjective and *mail* is a noun, so if they combined together, they create a new word and new meaning and the class of the compound word is noun. If it is a noun, *blackmail* is the action, treated as a criminal offensive, of demanding payment or another benefit from someone in return for not revealing compromising or damaging information about them.

The data number 4, the word *overnight* are the combination of two morphemes; *over* (adv) and *night* (adj). They both can stand alone and have their own meaning. If it is a adverb, *overnight* is something happen throughout the night or at some point during the night. But if it is a adjective, *overnight* is knows as travel and accommodation are included. *Overnight* buying also helped the dollar.

The last is data number 5, the word *spokesperson* are the combination between *spokes* (n) and *person* (n). They both also can stand alone and have their own meaning. So, if they combined together, they create a new word and new meaning and the class of the compound word is noun. The definition of *spokesperson* is a person who speaks as the representative of another or others often in a professional capacity.

Speaking of acronym, Yule state that acronym is formed from the initial letters of a set of other words, and it pronounced in a separate letter or even pronounced as a new single word. It’s become everyday terms and acronym refers to a new word. This is a table that will discuss words that have acronyms in NBC news article.

Table 4. Acronym Process

Acronym	Process of word formation
NATO	North Atlantic Treaty Organization

Based on the data seen in the table above, NATO is an acronym for North Atlantic Treaty Organization. The word NATO is called an acronym because it is pronounced in a simple word form. NATO is the abbreviation of North Atlantic Treaty Organization or in Indonesian it is also called the North Atlantic Defense Pact. NATO is a military alliance organization between many countries consisting of two countries in North America, 27

European countries and 1 Eurasian country which aims for mutual security which was founded in 1949. This organization existed as a form of support for the North in agreement signed in Washington, DC on April 4, 1949. The purpose of forming NATO at that time was to compete with the Soviet troops stationed in Eastern and Central Europe.

Table 5. Initialism Process

No	Initialism	Process of word formation
1.	FBI	Federal Bureau of Investigation
2.	U.S.	United States
3.	UAE	United Arab Emirates
4.	U.K	United Kingdom

In the data number 1, FBI is initialism of Federal Bureau of Investigation. It is called as initialism because a term formed from the initial letters of several words or part of words, which is itself pronounced letter by letter. As we know that FBI is the initialism of Federal Bureau of Investigation, so most people know that FBI is national government of the United States.

In the data number 2, the U.S. is initialism of United States. The U.S. a country of 50 states covering a vast swath of North America, with Alaska in the northwest and Hawaii extending the nation's presence into the Pacific Ocean. Major Atlantic Coast cities are New York, a global finance cultural center, and capital Washington, DC. Midwestern metropolis Chicago is known for influential architecture and on the west coast, Los Angeles's Hollywood is famed for filmmaking.

Next, in the data number 3, UAE is initialism of the United Arab Emirates. The United Arab Emirates, or simply the Emirates, is a country in West Asia, in the Middle East. It is located at the eastern end of the Arabian Peninsula and shares borders with Oman and Saudi Arabia, while also having maritime borders in the Persian Gulf with Qatar and Iran.

In the data number 4, U.K. is initialism of United Kingdom. The United Kingdom, made up of England, Scotland, Wales and Northern Ireland, is an island nation in northwestern Europe. England birthplace of Shakespeare and The Beatles is home to the capital, London, a globally influential center of finance and culture. England is also site of Neolithic Stonehenge, Bath's Roman spa and centuries-old universities at Oxford and Cambridge.

The term "clipping" refers to "the process whereby a lexeme (simple or complex) is shortened, while still retaining the same meaning and still being a member of the same form class". As is expected, the phenomenon of clipping has been regarded a marginal in the studies of linguistics, and no one has elaborated upon this topic in order to formulate it into a formal rule. In our research time, no formation of the word clipping was found.

Borrowing is a common morphological process that involves taking words from one language to another. Any language in contact will definitely have borrowed words. These words are referred to as loanwords. The essence of borrowing is to cope with new ideas and concepts that are unfamiliar to the receiving language.

Table 6. Borrowing Process

No	Borrowing Words	Process of word formation
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1.	TikTok	Chinese: 抖音; pinyin: Dǒuyīn: Shaking sound- → Tiktok
2.	Telegram	English : telegraph → Telegram

In the data number 1, TikTok, whose mainland Chinese counterpart is Douyin (Chinese: 抖音; pinyin: Dǒuyīn: Shaking sound), is a short-form video hosting service owned by ByteDance.[4] It hosts user-submitted videos, which can range in duration from 3 seconds to 10 minutes.

In the data number 2, Telegram is a cloud-based instant messaging app that works across several platforms accessed by people throughout the world. It is also known for its end to end encryption chats as well as video phone calls. A telegram or wire letter is news that contains a combination of codes that is transmitted by a device called a telegraph, using cables that connect one location to another.

Table 7. Conversion Process

No	English Words	Types of Word Formation	Process of word formation
1.	Consent	Conversion	Consent (n) →← consent (v)
2.	Fake	Conversion	Fake (adj) →← fake (n)
3.	Official	Conversion	Official (adj) →← official (n)
4.	Supported	Conversion	Supported (v) →← supported (adj)
5.	Close	Conversion	Close (adj) →← close (adv)

In the data number 1, the word consent which is found in NBC news is a verb. Consent as a verb has meaning “permission for something to happen or agreement to do something. In other side, consent is also verb. If it is a verb, it has meaning “give permission for something to happen.

In the data number 2, the word fake which is found in NBC news article is an adjective. Fake as an adjective has meaning “not genuine; counterfeit. While fake as a noun has meaning “a thing that is not genuine; a forgery or sham.

In the data number 3, the word official that is found in NBC news article is an adjective. Official as an adjective has meaning “relating to an authority or public body and its duties, action, and responsibilities. While official as a noun has meaning “a person holding public office or having official duties, especially as a representative of an organization or government department.

In the data number 4, the word supported that fond in NBC news article is a verb. Supported as a verb has meaning “give assistance to, especially financially; enable to function or act. While supported as an adjective “ held in position, especially from below.

The next sample of conversion is also found in the data number 5, the word close that is found in NBC news article is an adjective and the meaning is “somebody/something together. While close as an adverb “at or a short distance or time way”.

Compared with studies previously mentioned, this research has similarities in terms of the focus of the research is analyzing formation words based on morphological processes. But object and the result of this study are different from research other. In this research, the author using NBC news as the object study. Meanwhile, previous research

using VOA news article as source of his research. Apart from that, in this research also found six types of word formation from NBC news, namely derivation, compound, acronyms, initialism, clippings\abbreviation, and conversion. Although it is very unfortunate, because researchers did not find the formation of the words clipping and borrowing in the NBC news article.

## CONCLUSION

Based on findings, research and discussion, this research is limited to the types of words formation and ways of word formation related to the word process. Therefore, there are six word formations found in NBC news, namely derivation, compound, acronym, initialism, and conversion. In the derivation, 188 words were found, in the combined process, 11 were found. Apart from that, there is 1 word for acronyms, 4 words for initialisms, and 19 words for conversions. From word formation based on this research, derivation is the word most often found in NBC news articles and the word formation process is included as morphological analysis.

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