## The Semantic Structure of English Vocabulary Updates in 2022

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#### ABSTRAKT

Bakalářská práce s názvem "Sémantická struktura aktualizace anglické slovní zásoby v roce 2022" se zaměřuje na analýzu nově aktualizovaných slov za rok 2022. V teoretické části práce jsou popsány způsoby, kterými do anglického jazyka přibývají nová slova a metody, které lze použít pro kódování výzkumu spolu s kategoriemi použitými pro kódování v této práci. V praktické části je představen vzorec pro výzkum, analýza vzorku na úrovni slovních druhů a způsobů, jakými byla nová slova vytvořena a kódovací kategorii, do které spadají. Vzorec pro výzkum je rozdělen do čtyř částí podle Oxford English Dictionary Updates. Každá ze čtyř částí je analyzovaná a výsledky jsou poté zhodnoceny i za celý rok.

Klíčová slova: sémantika, anglický jazyk, způsob tvorby slov, aktualizace Oxford English Dictionary, 2022, analýza nových slov

#### ABSTRACT

The bachelor's thesis, entitled "The Semantic Structure of English Vocabulary Updates in 2022", focuses on the analysis of newly updated words for the year 2022. The theoretical part of the thesis describes the ways in which new words are added to the English language and the methods that can be used for coding research, along with the categories used for coding in this thesis. The practical part presents the research sample, the analysis of the sample at the level of word classes and the ways in which the new words were created, and the coding category they fall into. The research sample is divided into four parts according to the Oxford English Dictionary Updates. Each of the four parts is analysed and the results are also evaluated for the whole year.

Keywords: semantics, English language, word formation processes, Oxford English Dictionary Updates, 2022, analysis of new words

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#### **INTRODUCTION**

In this bachelor's thesis, I will focus on the semantic structure of English vocabulary updates in the year 2022. Society is changing and so are the language and vocabulary used by people. The aim of this thesis is to show how the semantic structure of English vocabulary changed and developed during the year 2022 by analysing new updates of Oxford English Dictionary on the word class, word formation process, and code category levels.

Semantics can be defined as the study of "the literal meaning of words". (Kearns, 2000) According to Lyons (1995), semantics can also be classified as a metalanguage, which is a language used when describing another language. But why is semantics important nowadays? Words can stay the same but acquire another meaning throughout the time. Existing words can also acquire new senses. (Simon, 2021) One word then can be used to describe or talk about many things, the meaning only depends on the context in which it is used. The Oxford English Dictionary analyse these senses and new meanings and provides lists of them each three months.

This thesis is divided into two main parts. First is the theoretical part where I introduced and explained information about what classifies as a word, and describe some of the word formation processes, which might be used when creating a new word in English. I will also introduce coding and methods used for coding and doing research. I will present my code categories, which I used for analysing my research sample.

The second part focuses on the research itself. I will introduce my research sample, which is divided into four parts according to Oxford English Dictionary Updates during the year 2022. For the analysis of my research sample, I used coding as a research method. The research sample will be analysed on word class, word formation, and code category levels. I will provide charts and graphs for visualization of my results and then explain them. I will compare the result thought the whole year and compare them.

## I. THEORY

#### **1 WORD-FORMATION PROCESSES**

According to Jackson and Zé Amvela (2007), a word can be defined as "an uninterruptable unit of structure" made up of one or more morphemes, and it generally appears in the structure of phrases. Morphemes are the smallest meaningful elements of a language. Each word has a distinct part of speech or word class.

Word-formatting processes can be defined as various methods used in order to create new words from those already existing. Each method produces a certain kind of word (Jackson and Zé Amvela, 2007). Yule (2010) also describes this process as creating new words.

#### **1.1 Types of Word-formation Processes**

In his book, Plag (2007) focuses on word-formation processes such as derivation, convention, clipping, blending, compounding, abbreviation, and acronyms. Jackson and Zé Amvela (2007) described inflection, derivation, compounding, conversion, blending, and shortening. Yule (2010) wrote about coinage, borrowing, compounding, blending, clipping, back-fronting, conversion, acronyms, and derivation.

In this chapter, I will focus on some of these processes in a more detailed description.

#### 1.1.1 Derivation

Derivation is a word-forming process, which is the most common in the English production of new words (Yule, 2010). Lipka (1992) referred to this process as affixation. Derivation uses affixes to create new words from those already existing, that is why some call it affixation. The terms root or base are used to refer to a stem made up of a single morpheme. Words' fundamental meaning is contained in their root, which is their innermost core. Depending on the position of added affix, we differentiate between three types: prefix, suffix, and suprafix. Derivational affixes have the capability of changing the word classes of the unit they are applied to and making words a part of different word classes. But that is not true in every case (Jackson and Zé Amvela, 2007). Plag (2007) differentiates between three types of affixations these are prefixation, suffixation, and infixation. Yule (2010) provides the same distension.

Affixes, which are added to the begging of a word are called prefixes. Most of the prefixes do not change the word class, they change the meaning (Plag, 2007). An example of prefixation is adding the prefix *dis*- to the word agreement, creating disagreement.

Affixes, which are added to the end of a word are called suffixes. These are most likely to change the word class of the unit they are added to and can change the meaning (Plag, 2007). An example of suffixation is adding the suffix *-ship* to the word relation, creating relationship.

Infixation refers to an affix inside another word. This type is typical for some expressions and is connected with expressing emotion (Yule, 2010). An example of infixation can be the expression abso-bloody-lutely.

#### 1.1.2 Compounding

According to Yule (2010), the process of compounding is putting together two different words, which will create a single form. Jackson and Zé Amvela, (2007) classify compounds as words that have more than one root. The word class of a compound depends on the word class of the last constituent in the compound. Roots in compounds can have the same or different word classes. Compounds have some regulations, but it is difficult to generalize them into rules. Many ways how to write compounds exist. Some are written with a hyphen (e.g., full-time), some with a blank between them (e.g., common salt), and some without a blank between them (e.g., textbook).

#### 1.1.3 Conversion

Conversion is known as a change in the word's function, changing the word class to another without any change of form, spelling, or pronunciation. Convention can be in the same word class (changing a noun to another type of noun), or in different classes (changing a verb to a noun) (Jackson and Zé Amvela, 2007). Plag (2007) also refers to a convention as "zero-derivation" or "zero-affixation". Other terms for this process can be "functional shift" or "category change" (Yule, 2010). An example of conversion is using the noun microwave as a verb, or using the verb call as a noun.

#### 1.1.4 Clipping

Clipping is a word-formation process, where only a part of a word or stem remains, and the rest is omitted. The start of the word can remain ("lab from laboratory"), or the end of the word ("plane from aeroplane"), or the middle of the word ("flu from influenza"). For this process, it is typical that the new words are more used than the ones from which they were created (Jackson and Zé Amvela, 2007). Yule (2010) supports this theory and writes that it is a process of creating a shorter and reduced form of a word that has more than one syllable.

#### 1.1.5 Blending

Blending is a process, which combines two different words to create a single new one. Blending is often done by attaching just the beginning of one word to the end of the other one (Yule, 2010). Jackson and Zé Amvela (2007) classified blending as a new word created from two already existing words, where the part of words used can be recognized effortlessly. In some cases, only one part can be recognizable. Blends are more often used in an informal style. An example of blending is the word brunch, which was created as a combination of the words breakfast and lunch.

#### 1.1.6 Acronyms

Yule (2010) defined acronyms as a word created by using only "the initial letters of a set of other words". For example, the acronym NATO was created from North Atlantic Treaty Organization. Acronyms can be pronounced as individual letters (e.g., CD) or as single words (NATO). Some might be written using capital letters (e.g., NATO), and some became more used in everyday speech and are written using small letters (e.g., laser). As mentioned before acronyms became a part of everyday speech (e.g., ATM).

Jackson and Zé Amvela (2007) define this process as an initialism. They stated that sometimes even initial syllables can be used in this process. Initialism is used for euphemism or catchiness.

#### 1.1.7 Coinage

Coinage, or the creation of entirely new words, is one of the least frequent word formation processes in English. The sources of coinage that are most frequently used are made-up trade names for commercial goods that are then used as general words (typically without capital letters) for any variation of that product. Word might have technical origin, but eventually they become a part of everyday speech (Yule, 2010).

Yule (2010) also provides examples of coinage. For the ones that are older and used for a long time "aspirin, nylon, Vaseline". For the newer ones "granola, Kleenex, Teflon".

#### 1.1.8 Borrowings

The method of borrowing, or the adoption of words from other languages, is one of the most frequent sources of new terms in English. The English language has included several terms from various languages over its history, including "croissant (French), lilac (Persian), and piano (Italian)". Loan translation is a term used to describe a unique sort of borrowing. The components of a word are directly translated into the borrowing language throughout

this method. An example of loan translation is "the French term gratte-ciel", which can be translated as "scrape-sky" (Yule, 2010).

#### 2 METHODS OF CODING

According to Saldana (2009), between data gathering and more thorough data analysis, there is a transitional step called coding. Code is a short phrase or word summarizing, highlighting, or capturing the core of the idea property for certain language-based data. The amount of data in the first cycle can differ but should be the same in the second one. In my case, the data are the same amount in both cycles, consisting of one word. Data should be then coded, to be part of some arranged systematic categories. The process of coding and dividing units into categories is called codifying. Coded categories then should show an explanation or theory. (Saldana, 2016)

Patton and Cochran (2002) provide steps that should be taken in the coding process:

- Reading and annotating this step is taken as a basic stage, starting with reading the material or data, and getting to know them.
- b. Identifying themes this step is about looking at the data in detail, summarizing, and thinking about what the text is. When looking thou the data, we should make a list of the themes.
- c. Coding scheme this step is about putting together themes from the previous step and forming a coding scheme from them. Subcodes can appear in each code.
- d. Coding in this step, we should start using the codes on the data or material.

#### 2.1 Coding

In this thesis, I will use categories created by the coding process. After going through the data, I decided to use the categories, which are stated below.

- a. Art and music words, which belong to this category are related to art, music, dance, and technics used in art (e.g., *Bongo Flava*, *Bongo*).
- b. Culture words, which belong to this category are connected to culture, describing traditions, people of a certain culture, and religious traditions (e.g., *Brahms and Liszt*, *Brahmaloka*).
- c. Economics words, which belong to this category are connected to economics, terms used in this area, technics used (e.g., *financialization*, *financialized*).
- d. Fashion words, which belong to this category are related to fashion trends, clothing, accessories, and makeup (e.g., *blanket stitch*, *breast binding*).
- e. Feature words, which belong to this category are related to adjectives describing person, specific trait, or characteristics (e.g., *shockvertising*, *topsidown*).

- f. Food words, which belong to this category are connected to names of dishes, ingredients, recipes, new dishes (e.g., *Fluffernutter*, *gur cake*).
- g. Health words, which belong to this category are connected to healthcare terms, diseases, new medications, or genetics (e.g., *vaccinologist*, *vaccinology*).
- h. Invention words, which belong to this category are names of new inventions, new terms created in connection with inventions (e.g., *crypto*).
- i. Nature words, which belong to this category are related to new flowers, animals, and weather, nature as a whole (e.g., *macro*, *seasidey*).
- j. Politics words, which belong to this category are connected to the economic sphere, the political sphere, and terms from these areas (e.g., *federo*, *damnatio memoriae*).
- k. Society words, which belong to this category are related to new terms created to describe problems or stereotypes in society, and relationships, words commonly used by society (e.g., *gatekeep*, *weathergirl*).
- 1. Sport words, which belong to this category are related to new sports, terms to describe the rules of a new sport, player (e.g., *trequartista*, *triple jumper*).
- m. Technology words, which belong to this category are related to new technology, terms to describe how this technology works, certain methods or procedure, new programs or apps (e.g., *wireless network*, *agrivoltaics*).
- n. Travel words, which belong to this category are related to travel means, describing vehicles used to travel (e.g., *twin-cab*, *standard class*).

## II. ANALYSIS

#### **3 RESEARCH**

In this part of the thesis, I will analyse and present the result of the analysis of Oxford English Dictionary Updates during the year 2022. Oxford English Dictionary updates and provides data about "new entries, new sub-entries, new senses, and new additions to unrevised entries" every three months. (Oxford English Dictionary, 2023).

For this thesis, I decided to go through and analyse only the new entries during the year 2022 or new words updated. The definition of new words according to the Oxford English Dictionary is "entirely new headword entries appearing in OED for the first time" (Oxford English Dictionary, 2023). I will divide them according to update, word class, formation process, and category of codes. The division between updates will make it possible to see, which one was the most productive one, had more new entries. The division between the word formation processes will make it possible to analyse, which word formation process is used the most throughout the updates, and during the whole year. The division between word classes will make it possible to analyse, to which word class belonged the new entries, and which word class has been the most updated. The division between code categories will allow me to analyse to which code category the new entries belonged according to their meaning, and which category was the most updated one.

#### 3.1 March 2022 Update

The first update of the Oxford English Dictionary includes three months: January, February, and March. During this period 156 new entries have been added. All the new entries are listed in the table below. Data about new entries, word class, and word formation process is provided by Oxford English Dictionary and accessible on their website. The code category was assigned by me, after going through the meaning of each word.

New entry	Word class	Formation	Code category
		process	
"a chara"	"Noun"	"Borrowing"	Society
"ann"	"Noun"	"Clipping or	Society
		shortening"	
"annales"	"Noun"	"Borrowing"	Society
"anneal"	"Noun"	"Conversion"	Technology
"annectant"	"Adjective"	"Variant"	Feature
"annelation"	"Noun"	"Borrowing"	Technology

"annexin"	"Noun"	"Derivation"	Health
"annexture"	"Noun"	"Borrowing"	Society
"anni"	"Noun"	"Clipping or	Society
		shortening"	
"Annie Oakley"	"Noun"	"Proper name"	Society
"annihilatory"	"Adjective"	"Derivation"	Feature
"annit"	"Interjection"	"Variant"	Society
"annite"	"Noun"	"Proper name"	Nature
"anniversarian"	"Noun"	"Derivation"	Society
"anti-ageing"	"Adjective"	"Derivation"	Feature
"anti-backlash"	"Adjective	"Derivation"	Feature
	and noun"		
"anti-caking"	"Adjective"	"Derivation"	Feature
"anti-cyclical"	"Adjective"	"Derivation"	Feature
"anti-dandruff"	"Adjective	"Derivation"	Feature
	and noun"		
"anti-gay"	"Adjective"	"Derivation"	Feature
"anti-gun"	"Adjective"	"Derivation"	Feature
"anti-piracy"	"Adjective"	"Derivation"	Feature
"antipolitics"	"Adjective	"Derivation"	Feature
	and noun"		
"anti-regulation"	"Adjective"	"Derivation"	Feature
"anti-saloon"	"Adjective"	"Derivation"	Feature
"anti-shipping"	"Adjective"	"Derivation"	Feature
"anti-spam"	"Adjective"	"Derivation"	Feature
"anti-stalking"	"Adjective"	"Derivation"	Feature
"anti-surface"	"Adjective"	"Derivation"	Feature
"anti-sweat"	"Adjective"	"Derivation"	Feature
"anti-vaccine"	"Adjective"	"Derivation"	Feature
"anti-wrinkle"	"Adjective"	"Derivation"	Feature
"banatee"	"Noun"	"Borrowing"	Society
"béal bocht"	"Noun"	"Borrowing"	Society
"bioink"	"Noun"	Compounding	Health

"bisque"	"Noun"	"Derivation"	Society
"blas"	"Noun"	"Borrowing"	Society
"blow-in"	"Adjective	"Compounding"	Society
	and noun"		
"bockety"	"Adjective"	"Borrowing"	Feature
"bodge-up"	"Noun"	"Conversion"	Society
"bodgie"	"Adjective	"Derivation"	Feature
	and noun"		
"bodgie"	"Verb"	"Conversion"	Feature
"bodgied"	"Adjective"	"Derivation"	Feature
"bodging"	"Adjective"	"Derivation"	Feature
"bualadh bos"	"Noun"	"Borrowing"	Society
"canoer"	"Noun"	"Derivation"	Sport
"carnyx"	"Noun"	"Borrowing"	Culture
"Celtiberi"	"Noun"	"Borrowing"	Culture
"Celticization"	"Noun"	"Derivation"	Culture
"Celticized"	"Adjective"	"Derivation"	Culture
"Celticness"	"Noun"	"Derivation"	Culture
"Celtify"	"Verb"	"Derivation"	Culture
"ceol"	"Noun"	"Borrowing"	Art and music
"chapess"	"Noun"	"Derivation"	Society
"ciotóg"	"Adjective	"Borrowing"	Society
	and noun"		
"ciunas"	"Noun and	"Borrowing"	Society
	interjection"		
"colonialization"	"Noun"	"Derivation"	Society
"colonialized"	"Adjective	"Derivation"	Society
	and noun"		
"colonializing"	"Adjective"	"Derivation"	Feature
"Colonial Revival"	"Noun"	"Compounding"	Society
"condomize"	"Verb"	"Derivation"	Society
"cowboyish"	"Adjective"	"Derivation"	Feature
"cowboyism"	"Noun"	"Derivation"	Society

"crios"	"Noun"	"Borrowing"	Culture
"critical load"	"Noun"	"Compounding"	Society
"critical rationalism"	"Noun"	"Compounding"	Feature
"critical theorist"	"Noun"	"Compounding"	Feature
"cross border"	"Noun"	"Compounding"	Fashion
"cross border"	"Adjective"	"Compounding"	Society
"cross checking"	"Noun"	"Compounding"	Sport
"cúpla focal"	"Noun"	"Borrowing"	Culture
"decolonial"	"Adjective"	"Derivation"	Feature
"decolonialization"	"Noun"	"Derivation"	Society
"decolonialize"	"Verb"	"Derivation"	Society
"delph"	"Noun"	"Variant"	Food
"demisexual"	"Adjective	"Derivation"	Society
	and noun"		
"dinosauric"	"Adjective"	"Derivation"	Feature
"distance-based"	"Adjective"	"Compounding"	Society
"distancer"	"Noun"	"Derivation"	Society
"div"	"Noun"	"Clipping or	Feature
		shortening"	
"doc"	"Noun"	"Clipping or	Society
		shortening"	
"doctor shop"	"Verb"	"Compounding"	Health
"doctor shopper"	"Noun"	"Compounding"	Health
"doctor shopping"	"Noun"	"Compounding"	Health
"drawal"	"Noun"	"Derivation"	Technology
"draw borer"	"Noun"	"Derivation"	Technology
"draw boring"	"Noun"	"Derivation"	Technology
"drawn-out"	"Adjective"	"Compounding"	Feature
"draw sheet"	"Noun"	"Compounding"	Sport
"drip-feed"	"Verb"	"Compounding"	Health
"drooking"	"Noun"	"Derivation"	Feature
"Dub"	"Noun"	"Clipping or	Culture
		shortening"	

"epidemiologic"	"Adjective"	"Derivation"	Health
"face-lifted"	"Adjective"	"Compounding"	Feature
"fada"	"Noun"	"Clipping or	Society
		shortening"	
"fainne"	"Noun"	"Borrowing"	Fashion
"fard"	"Adjective	"Borrowing"	Culture
	and noun"		
"first gentleman"	"Noun"	"Compounding"	Society
"flaithulach"	"Adjective"	"Borrowing"	Society
"fluthered"	"Adjective"	"Variant"	Feature
"foreign flag"	"Noun"	"Compounding"	Culture
"foreignization"	"Noun"	"Derivation"	Society
"foreignized"	"Adjective"	"Derivation"	Feature
"foreignizing"	"Adjective"	"Derivation"	Feature
"Foreign	"Noun"	"Compounding"	Society
Legionnaire"			
"French colonial"	"Adjective	"Compounding"	Society
	and noun"		
"Gaeilge"	"Adjective	"Borrowing"	Culture
	and noun"		
"Gaeilgeoir"	"Noun"	"Borrowing"	Culture
"gaslighter"	"Noun"	"Derivation"	Feature
"geoconservation"	"Noun"	"Compounding"	Society
"geodiversity"	"Noun"	"Compounding"	Society
"groundbreaking"	"Noun"	"Compounding"	Feature
"gur cake"	"Noun"	"Compounding"	Food
"gut level"	"Adjective	"Compounding"	Society
	and noun"		
"hijabi"	"Adjective	"Borrowing"	Culture
	and noun"		
"hollowed-out"	"Adjective"	"Compounding"	Feature
"Holy Hour"	"Noun"	"Compounding"	Culture
"horse-trade"	"Verb"	"Compounding"	Economics

"Ismaili"	"Adjective	"Borrowing"	Culture
	and noun"		
"jummah"	"Noun"	"Borrowing"	Culture
"kufr"	"Noun"	"Borrowing"	Culture
"langered"	"Adjective"	"Variant"	Feature
"langers"	"Adjective"	"Uncertain"	Feature
"nanobody"	"Noun"	"Compounding"	Health
"plámás"	"Verb"	"Conversion"	Feature
"plámás"	"Noun"	"Borrowing"	Society
"plámáser"	"Noun"	"Derivation"	Society
"plámásing"	"Noun"	"Derivation"	Feature
"postcolonialism"	"Noun"	"Derivation"	Society
"postcoloniality"	"Noun"	"Derivation"	Society
"ráiméis"	"Noun"	"Borrowing"	Feature
"rakat"	"Noun"	"Borrowing"	Society
"ruaille buaille"	"Noun"	"Borrowing"	Feature
"sambo"	"Noun"	"Derivation"	Food
"sean nós"	"Noun"	"Borrowing"	Art and music
"segotia"	"Noun"	"Borrowing"	Society
"self-intoxicated"	"Adjective"	"Derivation"	Society
"self-sabotage"	"Noun"	"Derivation"	Society
"self-sabotage"	"Verb"	"Conversion"	Society
"self-sabotaging"	"Noun"	"Derivation"	Society
"self-sabotaging"	"Adjective"	"Derivation"	Society
"self-saboteur"	"Noun"	"Derivation"	Society
"siblinghood"	"Noun"	"Derivation"	Society
"sibling-in-law"	"Noun"	"Compounding"	Society
"síneadh fada"	"Noun"	"Borrowing"	Culture
"sixty nine"	"Verb"	"Conversion"	Society
"soixante-neuf"	"Verb"	"Conversion"	Society
"tawhid"	"Noun"	"Borrowing"	Culture
"tweakable"	"Adjective"	"Derivation"	Feature
"tweaky"	"Adjective"	"Derivation"	Feature

"vaccinologist"	"Noun"	"Derivation"	Health
"vaccinology"	"Noun"	"Derivation"	Health
"vax"	"Noun"	"Clipping or	Health
		shortening"	
"vax"	"Verb"	"Conversion"	Health
"vaxxed"	"Adjective"	"Derivation"	Health

(Oxford English Dictionary, 2023).

Out of the total 156 new entries, 85 were nouns, 43 were adjectives, 14, were adjectives and nouns at the same time depending on the usage, 12 were verbs, 1 was a noun and interjection at the same time depending on the usage, and 1 was an interjection. For better visualization of this division, I added the pie chart below, which shows the percentage of each word class.

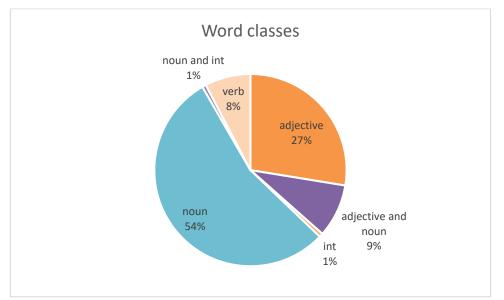


Figure 1: Word classes of new entries in March update

Out of the total 156 new entries, 69 were created by derivation, 33 were created by borrowing from other language or languages, 31 were created by compounding, 8 by conversion, 7 by clipping or shortening, 5 were variants, 2 were proper names and 1 formation process was uncertain according to the Oxford English Dictionary. For better visualization of this division, I added the pie chart below, which shows the percentage of each formation process.

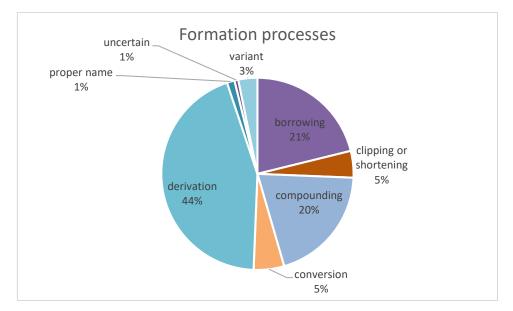


Figure 2: Formation processes of new entries in March 2022

Out of the total 156 new entries, 56 belonged to society code category, 50 belonged to feature category, 20 to culture category, 13 belonged to health category, 5 belonged to technology category, 3 belonged to food category, 3 belonged to sport category, 2 belonged to art and music category, 3 belonged to fashion category, 1 belonged to economics category, and 1 belonged to nature category. The graph with all the categories and their frequency can be seen below.

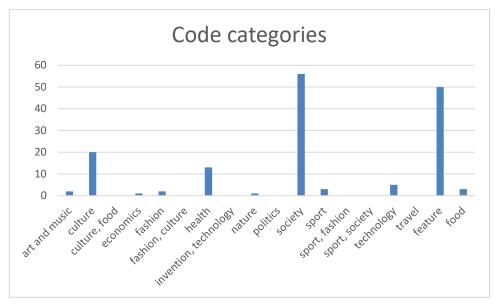


Figure 3: Code categories of new entries in March 2022

#### **3.2 June 2022 Update**

The second update of the Oxford English Dictionary includes three months: April, May and, June. During this period 197 new entries have been added. All the new entries are listed in the table below. Data about new entries, word class, and word formation process is provided by Oxford English Dictionary and accessible on their website. The code category was assigned by me, after going through the meaning of each word.

New entry	Word class	Formation	Code category
		process	
"ahoi"	"Noun"	"Borrowing"	Society
"animalizing"	"Noun"	"Derivation"	Feature
"animatedly"	"Adverb"	"Derivation"	Feature
"Anishinaab"	"Adjective	"Borrowing"	Culture
	and noun"		
"anjeer"	"Noun"	"Borrowing"	Food
"Ankara"	"Noun"	"Borrowing"	Fashion,
			Culture
"ankimo"	"Noun"	"Borrowing"	Culture, Food
"ankle-biting"	"Noun"	"Compounding"	Society
"ankle-biting"	"Adjective"	"Compounding"	Society
"ankle bracelet"	"Noun"	"Compounding"	Technology
"ankle-breaker"	"Noun"	"Compounding"	Society
"ankle-breaking"	"Adjective"	"Compounding"	Health
"ankling"	"Noun"	"Derivation"	Sport
"anklung"	"Noun"	"Borrowing"	Art and music
"anma"	"Noun"	"Borrowing"	Culture
"anno"	"Adverb"	"Borrowing"	Culture
"annona"	"Noun"	"Borrowing"	Economics
"annotatable"	"Adjective"	"Derivation"	Feature
"annoted"	"Adjective"	"Derivation"	Feature
"announceable"	"Adjective	"Derivation"	Feature
	and noun"		
"annoyedly"	"Adverb"	"Derivation"	Feature
"annuality"	"Noun"	"Derivation"	Economics
"annualization"	"Noun"	"Derivation"	Economics
"annuitize"	Verb	"Derivation"	Economics
"annuitized"	"Adjective"	"Derivation"	Economics

"annuitizing"	"Noun"	"Derivation"	Economics
"anodynic"	"Adjective"	"Derivation"	Feature
"anonym"	"Noun"	"Clipping or	Society
		shortening"	
"anonyma"	"Noun"	"Borrowing"	Society
"anonymization"	"Noun"	"Derivation"	Society
"anonymizer"	"Noun"	"Derivation"	Feature
"anor"	"Pronoun"	"Clipping or	Society
		shortening"	
"another"	"Noun"	"Derivation"	Feature
"asante sana"	"Noun and	"Borrowing"	Society
	interjection"		
"ashrama"	"Noun"	"Borrowing"	Society
"ati"	"Adverb and	"Borrowing"	Feature
	interjection"		
"back to front"	"Adjective	"Compounding"	Feature
	and adverb"		
"bakla"	"Noun"	"Borrowing"	Society
"bambi"	"Adverb and	"Borrowing"	Feature
	interjection"		
"Bantuized"	"Adjective"	"Derivation"	Culture
"benga"	"Noun"	"Borrowing"	Art and music
"bobsled"	"Verb"	"Conversion"	Society
"bobsledder"	"Noun"	"Derivation"	Sport
"bobsledding"	"Noun"	"Derivation"	Sport
"bobsleigh"	"Verb"	"Conversion"	Society
"bobsleigher"	"Noun"	"Derivation"	Sport
"Bongo"	"Noun"	"Borrowing"	Art and music
"Bongo Flava"	"Noun"	"Borrowing"	Art and music
"Brahmaloka"	"Noun"	"Borrowing"	Culture
"Brahmana"	"Noun"	"Borrowing"	Culture
"Brahmic"	"Adjective"	"Clipping or	Culture
		shortening"	

"Brahmic"	"Adjective"	"Derivation"	Culture
"Brahmic"	"Adjective"	"Derivation"	Culture
"Brahms and Liszt"	"Adjective"	"Proper name"	Feature
"brotherboy"	"Noun"	"Compounding"	Society
"buibui"	"Noun"	"Borrowing"	Culture
"bulldoze"	"Noun"	"Conversion"	Society
"bulldozer"	"Verb"	"Conversion"	Society
"bulldozered"	"Adjective"	"Derivation"	Feature
"bully beau"	"Noun"	"Compounding"	Feature
"bullycide"	"Noun"	"Compounding"	Society
"bully hack"	"Noun"	"Compounding"	Society
"busaa"	"Noun"	"Borrowing"	Food, Culture
"buveera"	"Noun"	"Borrowing"	Society
"Bw"	"Noun"	"Clipping or	Society
		shortening"	
"bystanding"	"Noun"	"Compounding"	Society
"casta"	"Noun"	"Borrowing"	Culture
"casteist"	"Adjective	"Derivation"	Society
	and noun"		
"catnep"	"Noun"	"Compounding"	Health
"chaiwala"	"Noun"	"Borrowing"	Society
"changaa"	"Noun"	"Borrowing"	Food, Culture
"chapo"	"Noun"	"Derivation"	Food
"chips mayai"	"Noun"	"Borrowing"	Food, Culture
"collabo"	"Verb"	"Clipping or	Art and music
		shortening"	
"cyathium"	"Noun"	"Borrowing"	Nature
"daladala"	"Noun"	"Borrowing"	Travel
"debe"	"Noun"	"Borrowing"	Society
"deskmate"	"Noun"	"Compounding"	Society
"dirten"	"Verb"	"Derivation"	Feature
"Doc"	"Noun"	"Clipping or	Fashion
		shortening"	

"double-deck"	"Verb"	"Compounding"	Society
"dumpsite"	"Noun"	"Compounding"	Society
"Dunning-Kruger"	"Noun"	"Proper name"	Society
"dwarven"	"Adjective"	"Derivation"	Society
"effeminizing"	"Noun"	"Derivation"	Society
"enby"	"Adjective	"Initialism"	Society
	and noun"		
"escorting"	"Noun"	"Derivation"	Society
"eustress"	"Noun"	"Compounding"	Health
"federo"	"Noun"	"Derivation"	Politics
"financeable"	"Adjective"	"Derivation"	Feature
"financialization"	"Noun"	"Derivation"	Economics
"financialize"	"Verb"	"Derivation"	Economics
"financialized"	"Adjective"	"Derivation"	Economics
"finger trap"	"Noun"	"Compounding"	Society
"flava"	"Noun"	"Variant"	Art and music
"folx"	"Noun"	"Variant"	Society
"githeri"	"Noun"	"Borrowing"	Food, Culture
"gombolola"	"Noun"	"Borrowing"	Fashion
"Ho-Chunk"	"Adjective	"Borrowing"	Culture
	and noun"		
"hypersexualization"	"Noun"	"Derivation"	Society
"hypersexualize"	"Verb"	"Derivation"	Society
"hypersexualized"	"Adjective"	"Derivation"	Feature
"ignorability"	"Noun"	"Derivation"	Feature
"ignoral"	"Noun"	"Derivation"	Society
"ignoramus"	"Verb"	"Conversion"	Society
"ignorati"	"Noun"	"Derivation"	Society
"ignored"	"Adjective"	"Derivation"	Feature
"irio"	"Noun"	"Borrowing"	Food, Culture
"Isukuti"	"Noun"	"Borrowing"	Culture
"jembe"	"Noun"	"Borrowing"	Society
"jiko"	"Noun"	"Borrowing"	Society

"Kalenjin"	"Adjective	"Borrowing"	Culture
	and noun"		
"kalo"	"Noun"	"Borrowing"	Food, Culture
"kashata"	"Noun"	"Borrowing"	Food, Culture
"Katikkiro"	"Noun"	"Borrowing"	Culture
"katogo"	"Noun"	"Borrowing"	Food, Culture
"kaveera"	"Noun"	"Borrowing"	Society
"kiondo"	"Noun"	"Borrowing"	Society
"kipande"	"Noun"	"Borrowing"	Culture
"kwanjula"	"Noun"	"Borrowing"	Society
"kyeyo"	"Noun"	"Borrowing"	Culture
"leso"	"Noun"	"Borrowing"	Fashion
"mabati"	"Noun"	"Borrowing"	Society
"machinga"	"Noun"	"Borrowing"	Society
"magendo"	"Noun"	"Borrowing"	Economics
"majimbo"	"Noun"	"Borrowing"	Culture
"mama ntilie"	"Noun"	"Borrowing"	Society
"manamba"	"Noun"	"Borrowing"	Society
"mandazi"	"Noun"	"Borrowing"	Food, Culture
"manicule"	"Noun"	"Borrowing"	Society
"mbege"	"Noun"	"Borrowing"	Food, Culture
"mbu"	"Adverb"	"Borrowing"	Feature
"mirabilis annus"	"Noun"	"Borrowing"	Feature
"Mozart and Liszt"	"Adjective"	"Proper name"	Feature
"mpango wa kando"	"Noun"	"Borrowing"	Feature
"muhoi"	"Noun"	"Borrowing"	Society
"multisexual"	"Adjective"	"Compounding"	Feature
"muratina"	"Noun"	"Borrowing"	Culture
"muxe"	"Noun"	"Borrowing"	Society
"mwalimu"	"Noun"	"Borrowing"	Society
"mwananchi"	"Noun"	"Borrowing"	Society
"nightertime"	"Noun"	"Borrowing"	Feature
"nkuba kyeyo"	"Noun"	"Borrowing"	Culture

"nyama choma"	"Noun"	"Borrowing"	Culture, Food
"nyayo"	"Noun"	"Borrowing"	Feature
"ors."	"Pronoun"	"Clipping or	Society
		shortening"	
"oyee"	"Interjection"	"Expressive"	Society
"pangender"	"Adjective"	"Compounding"	Society
"para-, comb. Form"	"Prefix"	"Clipping or	Sport
		shortening"	
"pole pole"	"Adverb"	"Borrowing"	Feature
"pole sana"	"Interjection"	"Borrowing"	Society
"postnup"	"Noun"	"Clipping or	Society
		shortening"	
"sambaza"	"Verb"	"Borrowing"	Technology
"saucepot"	"Noun"	"Compounding"	Food
"saucered"	"Adjective"	"Derivation"	Feature
"Sena"	"Adjective	"Borrowing"	Culture
	and noun"		
"share-farm"	"Verb"	"Compounding"	Economics
"share mould"	"Noun"	"Compounding"	Society
"sharenting"	"Noun"	"Blending"	Society
"sharesies"	"Noun"	"Derivation"	Society
"sharing"	"Adjective"	"Derivation"	Feature
"Sheng"	"Adjective	"Compounding,	Culture
	and noun"	borrowing"	
"shrub"	"Noun"	"Borrowing"	Society
"shrub"	"Verb"	"Borrowing"	Society
"shrubbing"	"Noun"	"Derivation"	Society
"singeli"	"Noun"	"Borrowing"	Art and music
"sistergirl"	"Noun"	"Compounding"	Society
"situpa"	"Noun"	"Borrowing"	Culture
"sorpotel"	"Noun"	"Borrowing"	Culture, Food
"South Sudanese"	"Adjective	"Compounding"	Culture
	and noun"		

"soya-based"	"Adjective"	"Compounding"	Food
"soy-based"	"Adjective"	"Compounding"	Food
"soysage"	"Noun"	"Clipping or	Sport
		shortening"	
"sportswash"	"Verb"	"Compounding"	Sport
"sportswashing"	"Noun"	"Compounding"	Feature
"standability"	"Noun"	"Derivation"	Feature
"standard class"	"Adjective	"Compounding"	Travel
	and noun"		
"standfirst"	"Noun"	"Compounding"	Technology
"stand your ground"	"Adjective	"Compounding"	Society
	and noun"		
"stealthing"	"Noun"	"Derivation"	Society
"stress-busting"	"Adjective	"Compounding"	Society
	and noun"		
"stress position"	"Noun"	"Compounding"	Society
"stress reliever"	"Noun"	"Compounding"	Society
"sub-location"	"Noun"	"Derivation"	Culture
"Sudanian"	"Adjective	"Proper name"	Culture
	and noun"		
"sudanophil"	"Adjective"	"Compounding"	Culture
"taarab"	"Noun"	"Borrowing"	Art and music
"TERF"	"Noun"	"Acronym"	Society
"Tonga"	"Adjective	"Borrowing"	Culture
	and noun"		
"turn-by-turn"	"Adjective"	"Compounding"	Feature
"uji"	"Noun"	"Borrowing"	Culture
"unga"	"Noun"	"Borrowing"	Culture
"unjabbed"	"Adjective	"Derivation"	Health
	and noun"		
"unprocedural"	"Adjective"	"Derivation"	Feature
"unvaxxed"	"Adjective	"Derivation"	Health
	and noun"		

"vaxxer"	"Noun"	"Derivation"	Health
"villagize"	"Verb"	"Derivation"	Society
(0, 0, 1E, 1, 1D, 1)	2022)		

(Oxford English Dictionary, 2023).

This update was the most productive one. Out of the total of 197 new entries, 125 were nouns, 27 were adjectives, 16 were adjectives and nouns at the same time, depending on the usage, 15 were verbs, 5 were adverbs, 2 were adverbs and interjections at the same time, depending on the usage, 2 were interjections, 1 was a noun and interjection at the same time, depending on the usage, and 1 was a prefix. For better visualization of this division, I added the pie chart below, which shows the percentage of each word class.

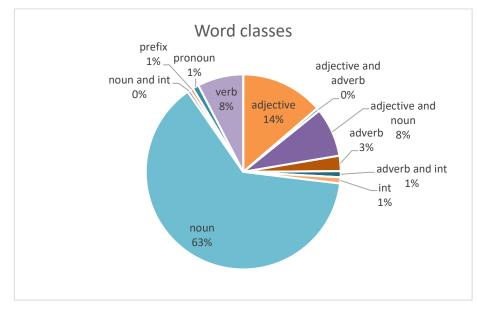


Figure 4: Word classes of new entries in June 2022

Out of the total of 197 new entries, 82 were created by borrowing, 53 were created by derivation, 36 were created, 10 were created by clipping or shortening, 5 were created by conversion, 4 were proper names, 2 were variants, 1 was an acronym, 1 was created by blending, 1 by initialism, 1 was an expressive, and 1 by borrowing and compounding. For better visualization of this division, I added the pie chart below, which shows the percentage of each formation process.

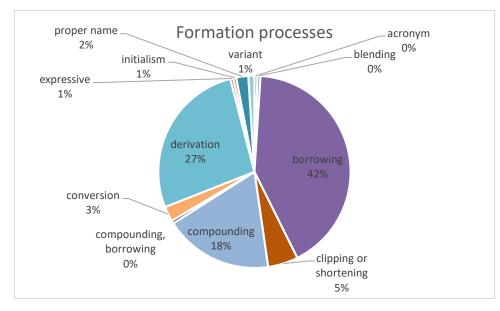


Figure 5: Formation processes of new entries in June 2022

Out of the total of 197 new entries, 72 belonged to the society code category, 34, belonged to the feature category, 30 belonged to the culture category, 11 belonged to the economics category, 13 belonged to the food, culture category, 8 belonged to the art and music category, 7 belonged to the sport category, 6 belonged to the health category, 5 belonged to the food category, 3 belonged to the fashion category, 3 belonged to the technology category, and 1 belonged to the nature category. The graph with all the categories and their frequency can be seen below.

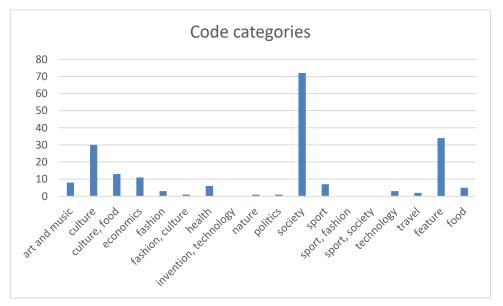


Figure 6: Code categories of new entries in June 2022

#### 3.3 September 2022 Update

The third update of the Oxford English Dictionary includes three months: July, August, and September. During this period 112 new entries have been added. All the new entries are listed in the table below. Data about new entries, word class, and word formation process is provided by Oxford English Dictionary and accessible on their website. The code category was assigned by me, after going through the meaning of each word.

New entry	Word class	Formation	Code category
		process	
"ancilliary"	"Adjective	"Variant"	Economics
	and noun"		
"Andalusi"	"Adjective"	"Borrowing"	Culture
"andartes"	"Noun"	"Borrowing"	Culture
"Andaste"	"Adjective	"Borrowing"	Culture
	and noun"		
"Andhra"	"Adjective	"Borrowing"	Culture
	and noun"		
"Andiamo"	"Interjection"	"Borrowing"	Culture
"Andino"	"Noun"	"Borrowing"	Culture
"andon"	"Noun"	"Borrowing"	Society
"Andrewmas"	"Noun"	"Compounding"	Society
"androcentrism"	"Noun"	"Compounding"	Society
"aniseed"	"Verb"	"Conversion"	Society
"aniseedy"	"Adjective"	"Derivation"	Feature
"anorexically"	"Adverb"	"Derivation"	Feature
"apartheider"	"Noun"	"Derivation"	Culture
"barnstorming"	"Noun"	"Derivation"	Feature
"barnstorming"	"Adjective"	"Derivation"	Feature
"billy-be-damned"	"Adjective	"Compounding"	Feature
	and noun"		
"blanket party"	"Noun"	"Compounding"	Society
"blanket stitch"	"Verb"	Conversion	Fashion
"blousette"	"Noun"	Derivation	Fashion
"blouson noir"	"Noun"	"Borrowing"	Society

"blousy"	"Adjective"	"Derivation"	Feature
"breast binder"	"Noun"	"Compounding"	Fashion
"breast binding"	"Noun"	"Compounding"	Fashion
"cabinet noir"	"Noun"	"Borrowing"	Society
"cabinet particulier"	"Noun"	"Borrowing"	Society
"cabinetry"	"Noun"	"Derivation"	Society
"cabinetwork"	"Noun"	"Compounding"	Society
"Cape Muslim"	"Adjective	"Compounding"	Culture
	and noun"		
"chaffie"	"Noun"	"Clipping or	Feature
		shortening"	
"chest binder"	"Noun"	"Compounding"	Fashion
"chest binding"	"Noun"	"Compounding"	Fashion
"coachable"	"Adjective"	"Derivation"	Feature
"coach boat"	"Noun"	"Compounding"	Travel
"coached"	"Adjective"	"Derivation"	Sport
"coaching stock"	"Noun"	"Compounding"	Travel
"coach light"	"Noun"	"Compounding"	Travel
"coach line"	"Noun"	"Compounding"	Travel
"Coke bottle"	"Noun"	"Compounding"	Food
"cooperativism"	"Noun"	"Derivation"	Economics
"cooperativist"	"Adjective	"Derivation"	Economics
	and noun"		
"cooperativize"	"Verb"	"Derivation"	Economics
"cornetti"	"Noun"	"Borrowing"	Sport
"cornetto muto"	"Noun"	"Borrowing"	Art and music
"Cruyff turn"	"Noun"	"Proper name"	Sport
"damfino"	"Interjection"	"Variant"	Feature
"damnatio	"Noun"	"Borrowing"	Politics
memoriae"			
"Damnum absque	"Noun"	"Borrowing"	Society
injuria"			
"Dear Jane"	"Noun"	"Proper name"	Society

"enamelware"	"Noun"	"Compounding"	Society
"galdem"	"Noun"	"Compounding"	Society
"gatekeep"	"Verb"	"Compounding"	Society
"gegenpress"	"Noun"	"Clipping or	Sport
		shortening"	
"gegenpressing"	"Noun"	"Borrowing"	Sport
"gender identity"	"Noun"	"Compounding"	Society
"goo-goo"	"Noun"	"Conversion"	Culture
"gooh"	"Noun"	"Unknown"	Society
"gora"	"Adjective	"Borrowing"	Society
	and noun"		
"gori"	"Adjective	"Borrowing"	Society
	and noun"		
"Great Andamanese"	"Adjective	"Proper name"	Culture
	and noun"		
"grocery shop"	"Verb"	"Compounding"	Society
"grocery shopper"	"Noun"	"Compounding"	Society
"grocery shopping"	"Noun"	"Compounding"	Society
"indigena"	"Noun"	"Borrowing"	Culture
"indigénat"	"Noun"	"Borrowing"	Culture
"indigeneity"	"Noun"	"Derivation"	Culture
"indigenism"	"Noun"	"Derivation"	Culture
"indigenismo"	"Noun"	"Borrowing"	Culture
"indigenista"	"Adjective	"Borrowing"	Culture
	and noun"		
"indigestly"	"Adverb"	"Derivation"	Feature
"jabbed"	"Adjective	"Derivation"	Health
	and noun"		
"knifepoint"	"Noun"	"Compounding"	Society
"mandem"	"Noun"	"Compounding"	Society
"Nalukataq"	"Noun"	"Borrowing"	Culture
"New Catholic"	"Adjective	"Compounding"	Culture
	and noun"		

"overboost"	"Noun"	"Derivation"	Technology
"Panenka"	"Noun"	"Proper name"	Sport
"pumpkin spice"	"Noun"	"Compounding"	Food
"rabona"	"Noun"	"Borrowing"	Sport
"Rix-chancellor"	"Noun"	"Borrowing"	Society
"shock absorbency"	"Noun"	"Compounding"	Feature
"shock absorption"	"Noun"	"Compounding"	Feature
"shockeroo"	"Noun"	"Derivation"	Feature
"shockie"	"Noun"	"Derivation"	Travel
"shockvertising"	"Noun"	"Compounding"	Feature
"shocky"	"Adjective"	"Derivation"	Feature
"tiki-taka"	"Noun"	"Borrowing"	Sport
"topbill"	"Verb"	"Compounding"	Art and music
"top-billed"	"Adjective"	"Compounding"	Art and music
"top-coat"	"Verb"	"Compounding"	Society
"topdresser"	"Noun"	"Compounding"	Society
"top edge"	"Noun"	"Compounding"	Sport
"top-edge"	"Verb"	"Conversion"	Sport
"top-edged"	"Adjective"	"Derivation"	Sport
"top lighting"	"Noun"	"Compounding"	Art and music
"topline"	"Verb"	"Conversion"	Art and music
"top-loading"	"Adjective"	"Compounding"	Society
"top loft"	"Noun"	"Compounding"	Society
"top order"	"Noun"	"Compounding"	Sport
"toppie"	"Noun"	"Borrowing"	Society
"top piecing"	"Noun"	"Derivation"	Fashion
"toppling"	"Noun"	"Derivation"	Politics
"topsidown"	"Adverb"	"Variation"	Feature
"topstitch"	"Noun"	"Compounding"	Fashion
"top-to-toe"	"Adjective"	"Compounding"	Feature
"total football"	"Noun"	"Compounding"	Sport
"trequartista"	"Noun"	"Borrowing"	Sport
"triple jumper"	"Noun"	"Derivation"	Sport

"triple jumping"	"Noun"	"Compounding"	Sport
"valari"	"Noun"	"Borrowing"	Society
"weathergirl"	"Noun"	"Compounding"	Society
"wireless network"	"Noun"	"Compounding"	Technology

(Oxford English Dictionary, 2023).

Out of the total 112 new entries, 75 were nouns, 12 were adjectives and nouns at the same time, depending on the usage, 11 were adjectives, 9 were verbs, 3 were adverbs, and 2 were interjections. For better visualization of this division, I added the pie chart below, which shows the percentage of each word class.

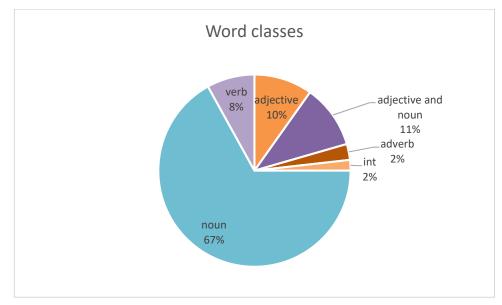


Figure 7: Word classes of new entries in September 2022

Out of the total of 112 new entries, 44 were created by compounding, 28 were created by borrowing, 25 were created by derivation, 5 were created by conversion, 4 were proper names, 2 were variants, 2 were created by clopping or shortening, 1 formation process was unknown, and 1 was a variation. For better visualization of this division, I added the pie chart below, which shows the percentage of each formation process.

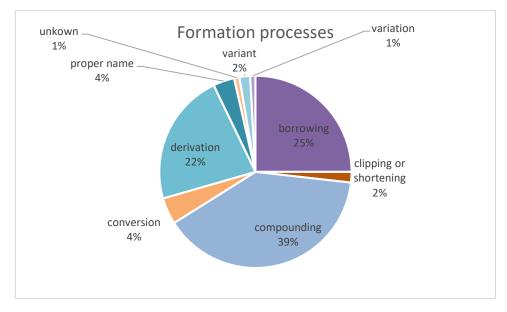


Figure 8: Formation processes of new entries in September 2022

Out of the total of 112 new entries, 32 belonged to the society code category, 18 belonged to the culture category, 17 belonged to the feature category, 16 belonged to the sport category, 8 belonged to the fashion category, 5 belonged to the art and music category, 5 belonged to the travel category, 4 belonged to the economics category, 2 belonged to the politics category, 2 belonged to the technology category, 2 belonged to the food category, and 1 belonged to the health category. The graph with all the categories and their frequency can be seen below.

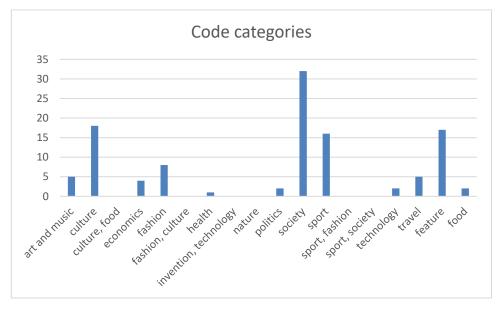


Figure 9: Code categories of new entries in September 2022

# 3.4 December 2022 Update

The fourth update of the Oxford English Dictionary includes three months: October, November, and December. During this period 156 new entries have been added. All the new entries are listed in the table below. Data about new entries, word class, and word formation process is provided by Oxford English Dictionary and accessible on their website. The code category was assigned by me, after going through the meaning of each word.

New entry	Word class	Formation	Code category
		process	
"aestel"	"Noun"	"Borrowing"	Culture
"agrivoltaic"	"Adjective"	"Compounding"	Technology
"agrivoltaics"	"Noun"	"Conversion"	Technology
"apeth"	"Noun"	"Variant"	Feature
"Asclepius"	"Noun"	"Proper name"	Health
"ballpark"	"Verb"	"Conversion"	Society
"bandura"	"Noun"	"Borrowing"	Art and music
"Barbera"	"Noun"	"Borrowing"	Food
"barberchair"	"Verb"	"Conversion"	Nature
"barbering"	"Adjective"	"Derivation"	Society
"barberize"	"Verb"	"Derivation"	Society
"barber's cat"	"Noun"	"Compounding"	Society
"barbershopping"	"Noun"	"Derivation"	Art and music
"bioeconomy"	"Noun"	"Compounding"	Economics
"blockan ale"	"Noun"	"Compounding"	Society
"block-book"	"Verb"	"Compounding"	Society
"blocked-off"	"Adjective"	"Compounding"	Feature
"blocker"	"Noun"	"Derivation"	Economics
"blockfield"	"Noun"	"Compounding"	Nature
"blockholder"	"Noun"	"Compounding"	Economics
"blockie"	"Noun"	"Derivation"	Society
"blocking"	"Adjective"	"Derivation"	Feature
"blocking patent"	"Noun"	"Compounding"	Economics
"blocklayer"	"Noun"	"Compounding"	Society
"block laying"	"Noun"	"Compounding"	Technology

"blocko"	"Noun"	"Clipping or	Culture
		shortening"	
"blockorama"	"Noun"	"Compounding"	Culture
"block print"	"Noun"	"Compounding"	Art and music
"block schedule"	"Noun"	"Compounding"	Society
"block scheduling"	"Noun"	"Compounding"	Society
"block trade"	"Noun"	"Compounding"	Economics
"block trader"	"Noun"	"Compounding"	Economics
"block trading"	"Noun"	"Compounding"	Economics
"bloco"	"Noun"	"Borrowing"	Art and music
"bowstave"	"Noun"	"Compounding"	Art and music
"broad"	"Adjective"	"Clipping or	Society
		shortening"	
"broad-brush"	"Verb"	"Compounding"	Society
"broad-brushed"	"Adjective"	"Compounding"	Society
"broad-brushing"	"Noun"	"Compounding"	Art and music
"broadcastable"	"Adjective"	"Derivation"	Feature
"broadclothed"	"Adjective"	"Derivation"	Fashion
"broadhead"	"Noun"	"Compounding"	Society
"broad jumper"	"Noun"	"Compounding"	Sport
"broad jumping"	"Noun"	"Compounding"	Sport
"broad land"	"Noun"	"Compounding"	Nature
"broadline"	"Adjective"	"Compounding"	Economics
"broadloid"	"Noun"	"Compounding"	Society
"broadloomed"	"Adjective"	"Derivation"	Feature
"broad-ranging"	"Adjective"	"Compounding"	Feature
"broad reach"	"Noun"	"Compounding"	Nature
"broad reach"	"Verb"	"Conversion"	Nature
"broad reaching"	"Noun"	"Derivation"	Travel
"broad-reaching"	"Noun"	"Compounding"	Feature
"bruz"	"Noun"	"Clipping or	Society
		shortening"	
"buildability"	"Noun"	"Derivation"	Feature

"building and loan"	"Noun"	"Compounding"	Economics
"build-it-yourself"	"Adjective"	"Compounding"	Feature
"buildout"	"Noun"	"Conversion"	Feature
"built-out"	"Adjective"	"Compounding"	Feature
"buy-bust"	"Adjective	"Compounding"	Society
	and noun"		
"buycott"	"Noun"	"Variant"	Economics
"buy-down"	"Noun"	"Conversion"	Economics
"buyership"	"Noun"	"Derivation"	Economics
"CODA"	"Noun"	"Acronym"	Feature
"coinfection"	"Noun"	"Derivation"	Health
"course	"Noun"	"Borrowing"	Sport
Camarguaise"			
"crash course"	"Noun"	"Compounding"	Society
"crash diet"	"Noun"	"Compounding"	Health
"crash diet"	"Verb"	"Conversion"	Health
"crypto"	"Noun"	"Clipping or	Invention,
		shortening"	Technology
"dap"	"Verb"	"Conversion"	Society
"dapping"	"Noun"	"Derivation"	Society
"dry-walled"	"Adjective"	"Derivation"	Feature
"edgeland"	"Noun"	"Compounding"	Society
"enslaving"	"Noun"	"Derivation"	Society
"escape room"	"Noun"	"Compounding"	Society
"fintech"	"Noun"	"Compounding"	Technology
"Fluffernutter"	"Noun"	"Derivation"	Food
"gay boy"	"Noun"	"Compounding"	Feature
"ghettoism"	"Noun"	"Derivation"	Society
"ghetto pass"	"Noun"	"Compounding"	Culture
"half-boiled"	"Adjective"	"Compounding"	Food
"half-brained"	"Adjective"	"Compounding"	Feature
"half century"	"Noun"	"Compounding"	Feature
"halfdealsman"	"Noun"	"Compounding"	Society

"half-decent"	"Adjective"	"Compounding"	Feature
"half-duplex"	"Adjective	"Compounding"	Technology
	and noun"		
"half-eyed"	"Adjective"	"Compounding"	Feature
"half-formed"	"Adjective"	"Compounding"	Feature
"half gainer"	"Noun"	"Compounding"	Sport
"half-hip"	"Noun"	"Compounding"	Art and music
"half hunter"	"Noun"	"Compounding"	Fashion
"half-jack"	"Noun"	"Clipping or	Fashion
		shortening"	
"half jackboot"	"Noun"	"Compounding"	Fashion
"half-plough   half-	"Verb"	"Compounding"	Technology
plow"			
"half ploughing   half	"Noun"	"Compounding"	Technology
plowing"			
"half-season"	"Adjective	"Compounding"	Sport, Fashion
	and noun"		
"half-see"	"Verb"	"Compounding"	Feature
"half-seen"	"Adjective"	"Compounding"	Feature
"halfsies"	"Adverb and	"Derivation"	Society
	noun"		
"half-size"	"Adjective	"Compounding"	Feature
	and noun"		
"half-sized"	"Adjective"	"Compounding"	Feature
"half-smile"	"Noun"	"Compounding"	Feature
"half-step"	"Noun"	"Compounding"	Feature
"half-step"	"Verb"	"Conversion"	Feature
"half-stepping"	"Noun"	"Derivation"	Feature
"half-timbering"	"Noun"	"Compounding"	Feature
"half ton"	"Noun"	"Compounding"	Sport, Society
"halotherapy"	"Noun"	"Compounding"	Health
"hassled"	"Adjective"	"Derivation"	Feature
"hayburner"	"Noun"	"Compounding"	Society

"homicide"	"Noun"	"Derivation"	Society
"hymenoplasty"	"Noun"	"Compounding"	Health
"kumbaya"	"Adjective	"Variant"	Feature
	and noun"		
"L plate"	"Noun"	"Compounding"	Feature
"lumberjill"	"Noun"	"Compounding"	Society
"macro"	"Noun"	"Clipping or	Nature
		shortening"	
"merch"	"Noun"	"Clipping or	Society
		shortening"	
"model minority"	"Noun"	"Compounding"	Culture
"mononymous"	"Adjective"	"Derivation"	Feature
"morninger"	"Noun"	"Derivation"	Society
"mushed"	"Adjective"	"Derivation"	Food
"obvs"	"Adverb"	"Clipping or	Society
		shortening"	
"parasocial"	"Adjective"	"Derivation"	Health
"pinkie promise"	"Noun"	"Compounding"	Society
"pinkie promise"	"Verb"	"Compounding"	Society
"pinkie swear"	"Noun"	"Conversion"	Society
"pinkie swear"	"Verb"	"Compounding"	Society
"seasidey"	"Adjective"	"Derivation"	Nature
"shithousery"	"Noun"	"Derivation"	Sport
"slathering"	"Noun"	"Derivation"	Feature
"slave factory"	"Noun"	"Compounding"	Society
"slavehood"	"Noun"	"Derivation"	Society
"Slavicism"	"Noun"	"Derivation"	Society
"slaving"	"Adjective"	"Derivation"	Culture
"Slavonicization"	"Noun"	"Derivation"	Culture
"Slavophilia"	"Noun"	"Compounding"	Culture
"Slavophilic"	"Adjective"	"Compounding"	Culture
"Slavophobia"	"Noun"	"Compounding"	Culture

"Slavophone"	"Adjective	"Compounding"	Culture
	and noun"		
"staffel"	"Noun"	"Borrowing"	Culture
"stras"	"Noun"	"Clipping or	Food
		shortening"	
"superyacht"	"Noun"	"Derivation"	Travel
"tallywacker"	"Noun"	"Derivation"	Health
"tallywag"	"Noun"	"Compounding"	Health
"textspeak"	"Noun"	"Compounding"	Technology
"thereminist"	"Noun"	"Derivation"	Art and music
"trackable"	"Adjective"	"Derivation"	Feature
"twin-cab"	"Adjective	"Compounding"	Travel
	and noun"		
"unceded"	"Adjective"	"Derivation"	Society
"undersing"	"Verb"	"Derivation"	Art and music
"undersung"	"Adjective"	"Derivation"	Art and music
"Volksfest"	"Noun"	"Borrowing"	Society
"Volksgemeinschaft"	"Noun"	"Borrowing"	Society
"Volksmarch"	"Noun"	"Borrowing"	Sport
"Volkssport"	"Noun"	"Borrowing"	Sport

(Oxford English Dictionary, 2023).

Out of the total of 156 new entries, 101 were nouns, 32 were adjectives, 14 were verbs, 7 were adjectives and nouns at the same time, depending on the usage, 1 was an adverb, and 1 was an adverb and noun at the same time, depending on the usage. For better visualization of this division, I added the pie chart below, which shows the percentage of each word class.

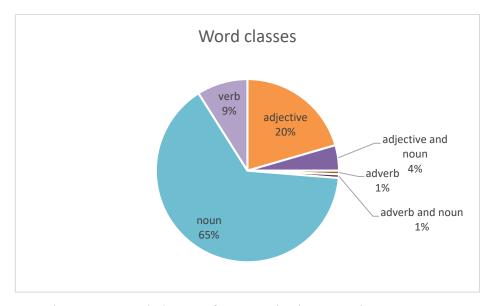


Figure 10: Word classes of new entries in December 2022

Out of the total of 156 new entries, 82 were created by compounding, 40 were created by derivation, 10 were created by conversion, 10 were created by borrowing, 9 were created by clipping and shortening, 3 were variants, 1 was a proper name, and 1 was an acronym. For better visualization of this division, I added the pie chart below, which shows the percentage of each formation process.

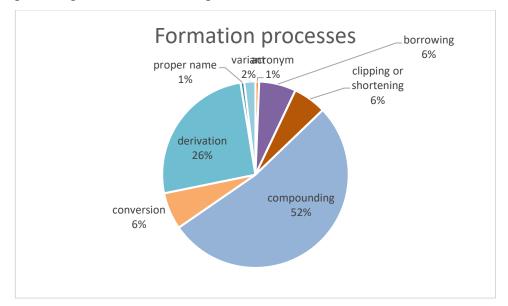


Figure 11: Formation processes of new entries in December 2022

Out of the total of 156 new entries, 42 belonged to the society code category, 34 belonged to the feature category, 12 belonged to the culture category, 12 belonged to the economics category, 10 belonged to the art and music category, 9 belonged to the health category, 8 belonged to the technology category, 7 belonged to the nature category, 7 belonged to the sport category, 5 belonged to the food category, 4 belonged to the fashion,

culture category, 3 belonged to the travel category, 1 belonged to the invention, technology category, 1 belonged to the sport, fashion category, and 1 belonged to the sport, society category. The graph with all the categories and their frequency can be seen below.

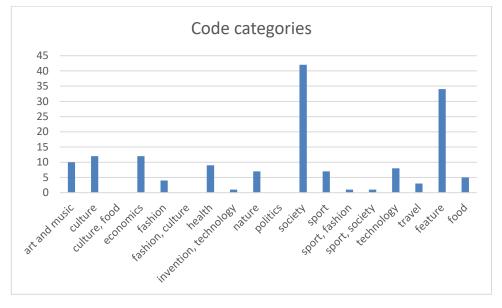


Figure 12: Code categories of new entries in December 2022

### 3.5 The whole year 2022

During the whole year 2022, a total of 621 new entries have been updated. After analysis the results showed that out of the total of 621 new entries, 386 were nouns, 112 were adjectives, 50 were verbs, 49 were adjectives and nouns at the same time, depending on the usage, 9 were adverbs, 5 were interjections, 2 were pronouns, 2 were nouns and interjections at the same time, depending on the usage, 2 were adverbs and interjections at the same time, depending on the usage, and 1 was an adverb and noun at the same time, depending on the usage, and 1 was an adverb at the same time, depending on the usage, 1 was a prefix. This made clear that most of the word updated or created words belonged to the word class of nouns. For better visualization of this division, I added the pie chart below, which shows the percentage of each word class.

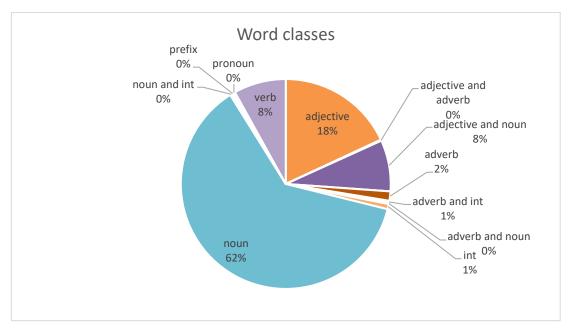
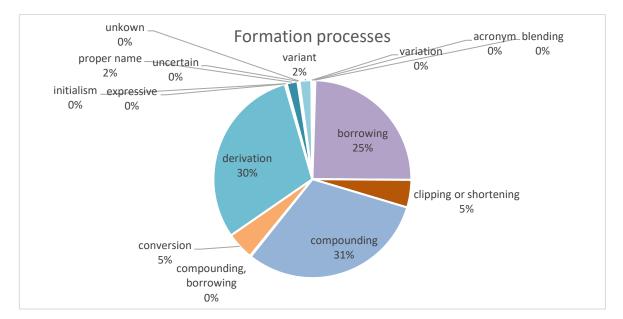
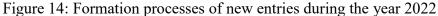


Figure 13: Word classes of new entries during the year 2022

After analysis the results showed that out of the total of 621 new entries, 193 were created by compounding, 187 were created by derivation, 153 were created by borrowing, 28 were created by clipping or shortening, 28 were created by conversion, 12 were variants, 11 were proper names, 2 were acronyms, 1 was created by blending, 1 was created by compounding and borrowing, 1 was an expressive, 1 formation process was uncertain, 1 formation process was unknown, and 1 was a variation. This made clear that the most used formation processes for creating new entries were compounding, derivation, and borrowing. For better visualization of this division, I added the pie chart below, which shows the percentage of each formation process.

Many theories might exist about the usage of word formation processes, how frequently is certain word formation process used, and under which circumstances. As I stated in the theory part, many authors believe that derivation is the most used word formation process. The Guardian published an article about changes in language and borrowed words, which might help to explain why 25 % of new words were from another language. The Guardian claims that "millions of people are learning English, and they too are making their own mark on its development" and that "Many of new words that these" English-speaking populations have contributed to the language's lexicon are listed in the "Oxford English Dictionary (OED)". These terms incorporate several words from different languages that English frequently interacts with. (Salazar, 2022) For non-native speakers of English might be difficult to find words to describe things or traditions from their culture in English. This might be another reason why they use borrowings.





After analysis, the results showed that out of the total of 621 new entries, 202 belonged to the society code category, 135 belonged to the feature category, 80 belonged to the culture category, 33 belonged to the sport category, 29 belonged to the health category, 28 belonged to the economics category, 25 belonged to the art and music category, 18 belonged to the technology category, 17 belonged to the fashion category, 15 belonged to the food category, 13 belonged to the culture, food category, 10 belonged to the travel category, 9 belonged to the invention, technology category, 1 belonged to the fashion, culture category, 1 belonged to the sport, fashion category, and 1 belonged to the sport, society category.

This made clear that most of the new entries that were updated or created belonged to the code category of society. That might be caused by the fact that society is changing, and so is language. People need new words to describe new problems they might have, and new generations use different words, which become popular in their surroundings. Other frequent code categories were feature, culture, and sport. However, the code category health was less frequent than in the past years, which might be because of the fewer restrictions and cases of Covid 19, and society recovering from the pandemic. The graph with all the categories and their frequency can be seen below.

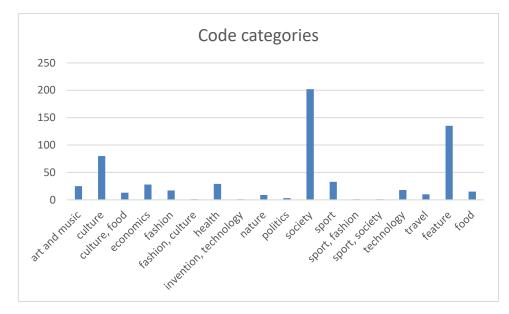


Figure 15: Code categories of new entries during the year 2022

## CONCLUSION

The aim of this thesis was to analyse the Updates of the Oxford English Dictionary and the semantic structure of English vocabulary during the year 2022.

After coding and analysing the research sample, I found out that most of the new entries that were updated or created belonged to the code category of society. This might be caused by the fact that society is changing, and so is language. People need new words to describe new problems they might have, and new generations use different words, which become popular in their surroundings. The second most updated category was the feature, which might be also caused by the fact that people need more words to describe new things or need better words to describe certain things or situations. The code category health was not as updated as it was during the past years, which might be because of fewer Covid 19 cases. However, the impact of Covid 19 pandemic was still visible since some of the updated words were connected to vaccines, coinfection, and pandemics.

Another part of this analysis was concerned with the formation processes used for creating new words. When speaking of the formation processes, the most used formation processes for creating new entries were compounding, derivation, and borrowing. Why there is a big part of borrowing words that were updated can be explained by the fact that people, who are not native speakers of English use words from their native language because English does not have the words needed to describe their culture, traditions, or food.

The last part of analysis was concerned with the word class of new words. My research showed that most of the word updated or created words belonged to the word class of nouns. Nouns were the most updated word class in all four updates during the year 2022.

The aim of this thesis was to show how the semantic structure of English vocabulary changed and developed during the year 2022 by analysing new updates of the Oxford English Dictionary on the word class, word formation process, and code category levels.

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