## A Frequency Dictionary of Contemporary American English

A Frequency Dictionary of Contemporary American English is an invaluable tool for all learners of American English, providing a list of the 5,000 most frequently used words in the language.

The dictionary is based on data from a 385-million-word corpus—evenly balanced between spoken English (unscripted conversation from radio and TV shows), fiction (books, short stories, movie scripts), more than 100 popular magazines, ten newspapers, and 100 academic journals-for a total of nearly 150,000 texts.

All entries in the rank frequency list feature the top 20-30 collocates (nearby words) for that word, which provide valuable insight into the meaning and usage. Alphabetical and part of speech indexes are provided for ease of use. The dictionary also contains 31 thematically organized and frequency-ranked lists of words on a variety of topics, such as family, sports, and food. New words in the language, differences between American and British English, and grammar topics such as the most frequent phrasal verbs are also covered.

A Frequency Dictionary of Contemporary American English is an engaging and efficient resource enabling students of all levels to get the most out of their study of vocabulary.

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# A Frequency Dictionary of Contemporary American English 

Word sketches, collocates, and thematic lists

## Mark Davies and Dee Gardner

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## Series preface

Frequency information has a central role to play in learning a language. Nation (1990) showed that the 4,000-5,000 most frequent words account for up to 95 percent of a written text and the 1,000 most frequent words account for 85 percent of speech. Although Nation's results were only for English, they do provide clear evidence that, when employing frequency as a general guide for vocabulary learning, it is possible to acquire a lexicon which will serve a learner well most of the time. There are two caveats to bear in mind here. First, counting words is not as straightforward as it might seem. Gardner (2007) highlights the problems that multiple word meanings, the presence of multiword items, and grouping words into families or lemmas, have on counting and analysing words. Second, frequency data contained in frequency dictionaries should never act as the only information source to guide a learner. Frequency information is nonetheless a very good starting point, and one which may produce rapid benefits. It therefore seems rational to prioritize learning the words that you are likely to hear and read most often. That is the philosophy behind this series of dictionaries.

Lists of words and their frequencies have long been available for teachers and learners of language. For example, Thorndike $(1921,1932)$ and Thorndike and Lorge (1944) produced word frequency books with counts of word occurrences in texts used in the education of American children. Michael West's General Service List of English Words (1953) was primarily aimed at foreign learners of English. More recently, with the aid of efficient computer software and very large bodies of language data (called corpora), researchers have been able to provide more sophisticated frequency counts from both written text and transcribed speech. One important feature of the resulting frequencies presented in this series is that they are derived from recently collected language data. The earlier lists for English included samples from, for example, Austen's Pride and Prejudice and Defoe's Robinson Crusoe, thus they could no longer represent present-day language in any sense.

Frequency data derived from a large representative corpus of a language brings students closer to language as it is used in real life as opposed to textbook language (which often distorts the frequencies of features in a language, see Ljung, 1990). The information in these dictionaries is presented in a number of formats to allow users to access the data in different ways. So, for example, if you would prefer not to simply drill down through the word frequency list, but would rather focus on verbs for example, the part of speech index will allow you to focus on just the most frequent verbs. Given that verbs typically account for 20 percent of all words in a language, this may be a good strategy. Also, a focus on function words may be equally rewarding-60 percent of speech in English is composed of a mere 50 function words. The series also provides information of use to the language teacher. The idea that frequency information may have a role to play in syllabus design is not new (see, for example, Sinclair and Renouf, 1988). However, to date it has been difficult for those teaching languages other than English to use frequency information in syllabus design because of a lack of data.

Frequency information should not be studied to the exclusion of other contextual and situational knowledge about language use and we may even doubt the validity of frequency information derived from large corpora. It is interesting to note that Alderson (2007) found that corpus frequencies may not match a native speaker's intuition about estimates of word frequency and that a set of estimates of word frequencies collected from language experts varied widely. Thus corpus-derived frequencies are still the best current estimate of a word's importance that a learner will come across. Around the time of the construction of the first machine-readable corpora, Halliday (1971: 344) stated that "a rough indication of frequencies is often just what is needed." Our aim in this series is to provide as accurate as possible estimates of word frequencies.

Paul Rayson and Mark Davies Lancaster and Provo, 2008

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## Abbreviations

The following are the part of speech codes for the 5,000 headwords in the dictionary.

| Code | No. of Words | Explanation | Examples |
| :---: | :---: | :---: | :---: |
| a | 11 | article | the, a, your |
| c | 39 | conjunction | if, because, whereas |
| d | 34 | determiner | this, most, either |
| e | 1 | existential | there |
| g | 1 | genitive | , |
| i | 96 | preposition | with, instead, except |
| j | 843 | adjective | shy, risky, tender |
| m | 37 | number | seven, fifth, two-thirds |
| n | 2590 | noun | bulb, tolerance, slot |
| p | 46 | pronoun | we, somebody, mine |
| $r$ | 336 | adverb | -up, seldom, fortunately |
| t | 1 | to + infinitive | to |
| u | 12 | interjection | yeah, hi, wow |
| $v$ | 996 | verb | modify, scan, govern |
| X | O | negation | not, n't |

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## Introduction

## The value of this frequency dictionary of English

"I don't know that word." "What does that word mean?" "How is that word used?" These are some of the most common pleas for help by language learners—and justifiably so.

Not knowing enough words, or the right words, is often the root cause of miscommunication, the inability to read and write well, and a host of related problems. This fundamental need is compounded by the fact that there are simply so many words to know in any language, but especially in English, which may contain well over two million distinct words (Crystal, 1995)—and growing fast. Thirty years ago, who would have thought that we would be "surfing" in our own homes, or that "chips" would be good things to have inside our equipment, or that we would be excited "to google this" and "to google that."
Without belaboring the obvious, it is little wonder that learners, teachers, researchers, materials developers, and many others are interested in establishing some sense of priority and direction to what could easily become vocabulary chaos. Our frequency dictionary is designed for this very purpose. We wanted to know which of the vast number of English words to start with, and we also wanted to know which other words these words "hang out with"-their neighbors (or collocates)—which provides crucial information about the meaning and use of these words. Perhaps even more importantly, we wanted to know this for our current day, not for some English of the past, when punch cards were used to program computers, and when surfing was only done at the beach. In short, we offer A Frequency Dictionary of Contemporary American English with the hope that it will benefit those who are trying to learn our current mother tongue, as well as for those who desire to assist them.

As a final introductory note, we might mention that if you find this dictionary valuable and would
like a similar electronic version (fewer collocates, but more of other features), feel free to visit http://www.americancorpus.org/dictionary.

## What is in this dictionary?

This frequency dictionary is designed to meet the needs of a wide range of language students and teachers, as well as those who are interested in the computational processing of English. The main index contains the 5,000 most common words in American English, starting with such basic words as the and of, and quickly progressing through to more intermediate and advanced words. Because the dictionary is based on the actual frequency of words in a large 400-million-word corpus (collection of texts) of many different types of English texts (spoken, fiction, magazines, newspaper, and academic), the user can feel comfortable that these words are very likely to be encounter in the "real

In addition to providing a listing of the most frequent 5,000 words, the entries provide other information that should be of great use to the language learner. Each entry shows the main collocates for each word, grouped by part of speech and in order of frequency. These collocates provide important and useful insight into the meaning and usage of the word, following the idea that "you can tell a lot about a word by the other words that it hangs out with." The entries also show where each of the collocates occur with regards to the head word (before, after, or both), which denotes whether they are subject, object, and so on. Finally, the entries indicate whether the words are more common in one genre of English (e.g. spoken or academic) than in the others.

Aside from the main frequency listing, there are also indexes that sort the entries by alphabetical order and part of speech. The alphabetical index can be of great value to students who, for example, want to look up a word from a short story or newspaper article, and see how common the word is in general.

The part of speech indexes could be of benefit to students who want to focus selectively on verbs, nouns, or some other part of speech. Finally, there are a number of thematically related lists (clothing, foods, emotions, etc.) as well as comparisons of vocabulary across genres and over time, all of which should enhance the learning experience. The expectation, then, is that this frequency dictionary will significantly maximize the efforts of a wide range of students and teachers who are involved in the acquisition and teaching of English vocabulary.

## Comparison to other frequency dictionaries of English

Historically, most frequency dictionaries (also referred to as word books and word lists) have been created to meet educational needs, with many designed specifically to meet the needs of foreign- and second-language learners of English. Prominent among these are: The Teachers Word Book of 30,000 Words (Thorndike and Lorge, 1944)—based on 4.5 million words from general English texts, magazines, and juvenile books; The General Service List of English Words (West, 1953)-a list of the 2,000 highest frequency words (with semantic distinctions and counts) based on visual inspections by semanticists of 5 million words from various sources (encyclopedias, magazines, textbooks, novels, etc.); the Brown Corpus list (Francis and Kučera, 1982)—based on 1 million words of written American English; and its British English counterpart-the LOB corpus list (Johansson and Hofland, 1989).

For many purposes, these latter two replaced the older lists of Thorndike and Lorge. Additionally, there are several more specialized school lists, such as: the American Heritage Word Frequency Book (Carroll, Davies, and Richman 1971)—based on 5 million running words of written school English (grades 3 through 9); the Academic Word List (Coxhead, 2000)-570 academic word families based on 3.5 million running words of academic texts; and the very early A Basic Vocabulary of Elementary School Children (Rinsland, 1945)—based on 6 million running words of actual children's writing samples.

A great debt is owed to the pioneering scholars who generated these and other frequency lists to facilitate English vocabulary learning, research, and
description. Building on these earlier efforts, A Frequency Dictionary of Contemporary American English addresses several vocabulary needs in the field of English language education. First, and perhaps most obvious, it is based on contemporary American English, thus making it more ecologically valid in educational and research settings where American English is the target, and where many are still relying on the nearly 30 -year-old Brown Corpus (Francis and Kučera, 1982) for frequency information about American English vocabulary. (Note: the actual texts for the Brown Corpus were from 1961.) Second, unlike the Brown Corpus (1 million words of written English only), the frequency counts in this dictionary are based on a very large and balanced corpus of both written and spoken materials ( 400 million words from five major genres), thus adding confidence that the highest frequency words have indeed been determined and properly ranked, and that these words have a high degree of utility across major genres of importance to English language learners (spoken, fiction, newspapers, magazines, and academic).

Third, the inclusion of collocates (by part of speech) for each of the 5,000 high-frequency node words adds a semantic richness to the dictionary that is often lacking when only the forms of words are tallied without consideration of their potential meanings (Gardner, 2007). The tightness of some of these node-collocate relationships (big deal, bad habit, make sense, trash talk, etc.) also highlights the phrasal nature of many English vocabulary items (Cowie, 1998). Such collocational knowledge is a crucial component of what it means to know a word (Nation, 2001) and has also been recognized as a characteristic difference between native and non-native language abilities (Nesselhauf, 2005). Therefore, language learners and their teachers should benefit from the rich semantic and pragmatic information the collocates provide, thus taking us one step closer to Read's (2000) call for new high-frequency word lists that are based on large electronic corpora, but which also account for the many meanings that language learners need to negotiate. Although semantic frequency is not fully realized in this dictionary, the collocates do provide some support for semantic interpretations, and will certainly aid in determining which meanings of a word form to teach and learn.

Finally, the 30 call-out boxes in this dictionary are packed with useful vocabulary information for language learners and their teachers, including words that make up many of the basic semantic sets of the language (animals, body, clothing, colors, emotions, family, food, etc.), words that characterize a specific genre of the language (spoken, fiction, academic, etc.), words that are new to American English, words that tend to be characteristically American or British, productive suffixes and the actual content words they are found in (nouns and adjectives), and the highest frequency phrasal verbs of American English. (Compare with Gardner and Davies, 2007, which lists the highest frequency phrasal verbs of British English.) These and other call-out boxes in the dictionary can be used for self-study, teaching, assessment, materials development, and research purposes.

To our knowledge, there is only one other publicly accessible frequency dictionary of English that is based on a large mega-corpus-Word Frequencies in Written and Spoken English (Leech, Rayson, and Wilson, 2001). However, our dictionary is quite different in at least three major respects. First, the Longman frequency dictionary represents British, not American, English, and it bases its word-frequency information on the British National are at least 20 years old, while texts in the Corpus of Contemporary American English (COCA) are current through late 2008. Third, while both corpora are balanced for genre (e.g. spoken, fiction, newspaper, and academic), COCA ( 400 million words) is nearly four times as large as the BNC (100 million words), allowing us to have more confidence in determining the words that should "make the list" and in finding their meaningful neighbors.

In addition to the differences in focus, age, and sampling size between the two dictionaries, there are also differences in the presentation formats. The Longman dictionary is mainly composed of straight frequency lists of words and lemmas, while this dictionary is oriented specifically to language learners, supplementing the frequency listings with the unique features previously mentioned: (a) frequency-ranked collocates (co-occurring words) for each headword in the frequency dictionary-which can help learners and their teachers better understand the meanings and uses of the high
frequency words; and (b) the more than 30 thematically oriented vocabulary lists (call-out boxes) for particular semantic, grammatical, or lexical categories that would be helpful for language training purposes.

## The corpus

A frequency dictionary is only as good as the corpus on which it is based. The Corpus of Contemporary American English (COCA) is the largest balanced corpus of American English, and the largest balanced corpus of any language that is publicly available (http://www.americancorpus.org). In addition to being very large ( 400 million words; 20 million words each year 1990-2007), the corpus is also balanced evenly between spoken (unscripted conversation from 150+ radio and TV shows), fiction (e.g. books, short stories, movie scripts), 100+ popular magazines, ten newspapers, and 100+ academic journals-for a total of $150,000+$ texts.

The more than 150,000 texts come from a variety of sources:

- Spoken: (79 million words) transcripts of unscripted conversation from more than 150 different TV and radio programs (e.g. All Things - Considered (NPR), Newshour (PBS), Good Morning America (ABC), Today Show (NBC), 60 Minutes (CBS), Hannity and Colmes (Fox), Jerry Springer, etc.). (See notes on the naturalness and authenticity of the language from these transcripts.)
- Fiction: (76 million words) short stories and plays from literary magazines, children's magazines, popular magazines, first chapters of first edition books 1990-present, and movie scripts.
- Popular magazines: (81 million words) nearly 100 different magazines, with a good mix (overall, and by year) between specific domains (news, health, home and gardening, women, financial, religion, sports, etc.). A few examples are Time, Men's Health, Good Housekeeping, Cosmopolitan, Fortune, Christian Century, Sports Illustrated, etc.
- Newspapers: (76 million words) ten newspapers from across the US, including: USA Today, New York Times, Atlanta Journal Constitution, San Francisco Chronicle, etc. In most cases, there is a good mix between different sections of the
newspaper, such as local news, opinion, sports, financial, etc.
- Academic journals: (76 million words) nearly 100 different peer-reviewed journals. These were selected to cover the entire range of the Library of Congress classification system (e.g. a certain percentage from $B$ (philosophy, psychology, religion), D (world history), K (education), T (technology), etc.), both overall and by number of words per year.

In summary, the corpus is very well balanced at both the "macro" level (e.g. spoken, fiction, newspapers) and the "micro" level (i.e. the types of texts and the distribution of the sources) within each of these macro genres.

## Annotating and organizing the data from the corpus

In order to create a frequency dictionary, the words in the corpus must be tagged (for part of speech) and lemmatized. Tagging means that a part of speech is assigned to each word-noun, verb, and so on. Lemmatization means that each word form is assigned to a particular "head word" or "lemma", such as go, goes, going, went, and gone being marked as forms of the lemma go.

The tagging and lemmatization was done with the CLAWS tagger (Version 7), which is the same tagger that was used for the British National Corpus (http://www.natcorp.ox.ac.uk/) and for other important corpora of English as well. One of the most difficult parts of tagging, of course, is to correctly assign the part of speech for words that are potentially ambiguous. In cases such as computer, disturb, lazy, or fitfully, these are unambiguously tagged as noun, verb, adjective, and adverb, respectively. But in a case such as light, the word can be a noun (he turned on the light), verb (should we light the fire?), or adjective (there was a light breeze). In these circumstances, the tagger looks at the context in which the word occurs in each instance to determine the correct part of speech. While the CLAWS tagger is very good, it does produce errors. We have tried to correct for most of these, but there are undoubtedly still some that remain.

It of course makes sense to provide separate entries in the dictionary for words with different parts of speech, such as noun and verb. For example,
the word beat as a noun has collocates such as hear, miss, steady, drum, and rhythm. As a verb, however, it takes collocates such as heart, egg, bowl, severely, or Yankees. Even in cases where the word appears as a noun and an adjective (magic, potential, dark, veteran), the collocates for the two parts of speech are very different, and it would probably be too confusing to conflate them into one entry. Perhaps the most problematic are function words such as since, which appear up to three times in this dictionary. In the case of since, for example, it appears as preposition (he's been here since 1942), adverb (several other schools have since been constructed), and conjunction (since they won't be here until 5 pm, we'll just leave for a minute). In these cases, we have simply followed the output of the tagger. If it says that there are multiple different parts of speech, then the word appears under each of those parts of speech in the dictionary.

## Frequency and dispersion

After the tagging and lemmatization of the 400 million words in the corpus, our final step was to determine exactly which of these words would be included in the final list of the 5,000 most frequent words (or lemmas). One approach would be to simply use frequency counts. For example, all lemmas that occur 5,000 times or more in the corpus might be included in the dictionary. Imagine, however, a case where a particular scientific term was used repeatedly in engineering articles or in sports reporting in newspapers, but it did not appear in any works of fiction or in any of the spoken texts. Alternatively, suppose that a given word is spread throughout an entire register (spoken, fiction, newspaper, or academic), but that it is still limited almost exclusively to that register. Should the word still be included in the frequency dictionary? The argument could be made that we should look at more than just raw frequency counts in cases such as this, and that we ought to look at "dispersion" as well, or how well the word is "spread across" all of the registers in the entire corpus.

In our dictionary, we have used Juilland's "d dispersion index". A score of 1.00 means that the word is perfectly spread across the corpus, so that if we divided the corpus into one hundred equally sized sections (each with 4 million words, in the case

Table 1 Contrast between frequency and dispersion

Good dispersion

| Frequency | Lemma | PoS | Dispersion | Frequency | Lemma | POS | Dispersion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3134 | convincing | j | 0.96 | 4653 | healthcare | n | 0.56 |
| 3107 | sensible | j | 0.95 | 4282 | electron | n | 0.58 |
| 3041 | honesty | n | 0.96 | 4181 | skier | n | 0.43 |
| 3033 | unusually | $r$ | 0.95 | 4113 | compost | n | 0.31 |
| 3020 | confusing | j | 0.97 | 3685 | watercolor | n | 0.41 |
| 3014 | exaggerate | v | 0.96 | 3769 | ski | v | 0.47 |
| 2950 | distraction | n | 0.95 | 2028 | nebula | n | 0.46 |
| 2922 | resent | V | 0.96 | 2547 | palette | n | 0.57 |
| 2891 | wrestle | V | 0.95 | 2536 | angle | v | 0.55 |
| 2876 | urgency | n | 0.96 | 2479 | algorithm | n | 0.52 |
| 2873 | hint | v | 0.96 | 2437 | pastel | n | 0.25 |
| 2842 | obsessed | j | 0.95 | 2388 | socket | n | 0.60 |
| 2833 | genuinely | $r$ | 0.96 | 2350 | nasal | j | 0.44 |
| 2813 | respected | j | 0.95 | 2281 | cache | n | 0.43 | of our 400 million word corpus), the word would $\quad$ score $=$ frequency * dispersion have exactly the same frequency in each section. A dispersion score of .10, on the other hand, would mean that it occurs a lot in a handfut of sections, and perhaps not at all or very little in the other sections.

As a clear example of the contrast between "frequency" and "dispersion", consider Table 1. All of the words in this table have essentially the same frequency—an average of about 3,000 occurrences in the corpus. The words to the left, however, have a "dispersion" score of at least 0.95 , which means that the word has roughly the same frequency in all of the 100 sections of the corpus that we used for the calculation. The words to the right, on the other hand, have a much lower dispersion score. Most would easily agree that the words shown at the left would be more useful in a frequency dictionary, because they represent a wide range of texts and text types in the corpus. Therefore, as we can see, frequency alone is probably not sufficient to determine whether a word should be in the dictionary.

## The final calculation

The calculation to determine which words are included in this frequency dictionary was a fairly straightforward one. The formula was simply:

For example, consider the words near 3210 in the frequency dictionary (see Table 2). The word furthermore has a higher frequency (9594 tokens) than the other two words, but it has lower dispersion (.86). Orange, on the other hand, has a lower frequency ( 8881 tokens) but it has better dispersion across the corpus. Taxpayer (frequency of 9140 and dispersion of .90 ) is in the middle of both of these. But with the formula that takes into account both frequency and dispersion, these three words end up having more or less the same score.

Table 2 Frequency and dispersion

| ID | Lemma | PoS | Frequency | Dispersion | Score |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 3199 | orange | j | 8881 | 0.93 | 8270 |
| 3201 | taxpayer | n | 9140 | 0.90 | 8256 |
| 3205 | furthermore | r | 9594 | 0.86 | 8235 |

The 5,000 lemmas with the top score (frequency * dispersion) are those that appear in this frequency dictionary.

## Collocates

A unique feature of this frequency dictionary is the listing of the top collocates (nearby words) for each of the 5,000 words in the frequency listing. These collocates provide important and useful insight into the meaning and use of the keyword. To find the collocates, we did the following. First, we decided which parts of speech to group together in order to rank the collocates and show the most frequent ones. In the case of verbs, we grouped noun collocates (subject: the evidence supports what she said, and object: this supports the claim), and all other collocates were grouped as miscellaneous (e.g. with, directly, difficult, and prepare for the verb deal). For nouns, we looked for adjectives (green grass), other nouns (fire station), and verbs (e.g. desire to succeed). For adjectives, we looked for nouns (fast car) and all other collocates were grouped as miscellaneous (completely exhausted, willing to stay black and white). Finally, for adverbs and other parts of speech, we see collocates from all parts of speech listed together (sharply reduce, fewer than except for).

To find the collocates for a given word, a computer program searched the entire 400-million-word corpus and looked at each context in which that word occurred. In all cases, the context (or "span") of words was four words to the left and four words to the right of the "node word". The overall frequency of the collocates in each of those contexts was then calculated, and the collocates were examined and rated by at least four native speakers.

Obviously, common words such as the, of, to, etc. were usually the most frequent collocates. To filter out these words, we set a Mutual Information (MI) threshold of about 2.5. The MI calculation took into account the overall frequency of each collocate, so that common words were usually eliminated from the list.

Using MI is sometimes more an art than a science. If the MI is set too low, then high frequency "noise words" show up as collocates, whereas if it is set too high, then only highly idiomatic collocates are found. As an example, the most frequent collocates of break as a verb-when the MI score is set high at 5.5—are: deadlock, logjam, monotony, and stranglehold. These are quite idiomatic and don't really show well the "core meaning" of break. On the other hand, the most frequent collocates
when the MI threshold is set very low at 1.0 are down, into, up, and off, which again do not provide a good sense of its meaning. Finally, however, when we set the Ml threshold to 2.5 , we find the most frequent collocates are: heart, silence, rules, loose, leg, and barriers, which (for native speakers, at least), probably do relate more to the core meaning and usage of break. But getting the MI threshold set just right for each of the 5,000 headwords was a bit daunting, to say the least. We hope that the data found here agree with your intuitions of what these words mean and how they are used.

## The main frequency index

The main index in this dictionary is a rank-ordered listing of the top 5,000 words (lemma) in English, starting with the most frequent word (the definite article the) and progressing through to warehouse, paradise, and nominate, which are the last three words in the list. The following information is given for each entry:


As a concrete example, let us look at the entry for the verb break:

## 494 break $v$

$\underline{n}$.law, heart, news, .rule, silence, story, .ground, .barrier, leg, bone, .piece, .neck, arm, .cycle, voice. misc .into, .away, free, .apart, .loose
up marriage, .fight, boyfriend, meeting., girlfriend, union, band, pass, .demonstration, .monotony down .into, .barrier, car., .cry, .door, .tear, talk., enzyme., completely, negotiation. out war., fight., fire., sweat, fighting., riot., violence., llaugh, .hive off piece, talk, .engagement, negotiation, branch, abruptly, .relation 72917 | 0.97

This entry shows that word number 494 in our rank order list is the verb break. The last line of the entry shows the raw frequency for the lemma (72,917 tokens) and the dispersion (. 97 in this case). The collocates are given in the intervening lines. As can be seen, they are partially grouped by part of speech. In the case of verbs, we see the noun collocates and then other parts of speech (miscellaneous).

Note also that for some collocates, there is an indication of the placement of the collocate. When the [.] is before the collocate, this means that the node word (headword) is typically found before that collocate (break the law, break into pieces). When the [.] is after the collocate, this means that the node word is typically found after the collocate (her voice broke, all hell broke loose). This symbol can provide useful information, for example, on whether the collocates are subjects or objects of a given verb, or whether the node word noun acts as a subject or object of the verbal collocate. (Note, however, that with passives and relative clauses, the noun that is object of a verb will occur before the verb, which does confuse things a bit.) In order to display the [.] symbol, 80 percent or more of the tokens of a given collocate had to occur either before or after the node word. In the case of ADJ / NOUN and NOUN / ADJ, word order is typically so consistent (blue house, never *house blue) that the [.] is not used to show placement.

Finally, as is seen above, in the case of some verbs that can act as phrasal verbs (break up, turn down, cut off, etc.), these are listed in bold (with their own collocates) at the end of the regular collocates list for verbs. Phrasal verbs are only listed when they have a frequency of at least 1,000 in the corpus, and when there are at least three collocates with a frequency of at least five occurrences each.

Let us consider one other example:

## 3396 hypothesis $n$

j null, following, consistent, alternative, working, general, initial, original, theoretical, competing $\underline{n}$ study, support., result, test, research, testing, evidence, analysis, method, set $\underline{v}$. predict, suggest, reject, examine, confirm, base, develop, formulate, .state, .explain 9282 | 0.82 A

This entry is for hypothesis (word \#3396 in our list). As before, the collocates are listed in frequency order and grouped by part of speech. In this case, however, note that there is an [ A ] at the end of the entry. This indicates that the lemma hypothesis occurs at least twice as frequently in the Academic genre as it does overall in the corpus (Spoken, Fiction, Magazines, $\underline{N e w s p a p e r s) . ~}$

## Thematic vocabulary ("call-out boxes")

Placed throughout the main frequency-based index are 31 "call-out boxes", which serve to display in one
list a number of thematically related words. These include thematic lists of words related to the body, food, family, weather, professions, nationalities, colors, emotions, and several other semantic domains. There are also lists of words that are much more common in each of the five main genres (spoken, fiction, popular magazines, newspapers, and academic) than overall, as well as comparisons of American and British vocabulary, as well as new words in the language. Finally, there are lists related to word formation issues, such as irregular past tense and irregular plurals, and common suffixes to create nouns, adjectives, and verbs. In each case, the entries are, of course, ordered by frequency.

## Alphabetical and part of speech indexes

The alphabetical index contains all of the words listed in the frequency index. Each entry includes the following information: 1) lemma 2) part of speech, and 3) rank order frequency. The part of speech index contains the 5,000 words from the frequency index and the alphabetical index. Within each of the categories (noun, verb, adjective, etc.) the lemma are listed in order of descending frequency. Because each entry is linked to the other two indexes via the rank frequency number, each of the entries in this index contains only the rank frequency and lemma.

## Electronic version

As was noted in the first section, if you find this dictionary valuable and would like to have a similar electronic version (somewhat fewer collocates, but more of other features), feel free to visit http://www.americancorpus.org/dictionary.

## Delimitations

1 Frequency is form-based (lemma), not semantically based (homographs-bank, run; heterophoneslead "metal" vs. lead "be in front", contract vs. contract, etc.). But our approach is an improvement over many similar frequency listings because the collocates give some indication of potential variant meanings. For example, take a look at the entries for lead (n) [entry 1598] and bow (n) [entry 4139]. For lead, there are collocates for the two meanings "metal" and "in front" and for bow there are collocates for bow in the context of "ship, arrow, hair, and violin".

2 Except in the case of high-frequency phrasal verbs, only single-word nodes were included. When a lemma occurs almost exclusively in a given multi-word expression (as far as, in charge of, lots of), that multi-word expression is listed as part of the entry.
3 All collocates are single-word collocates. In cases such as in terms of, by means of, etc., each of the collocates are listed separately.
4 The most frequent form of a given collocate lemma may be an inflected form, not the head word form as listed (e.g. long as a collocate of no almost always appears as longer in the corpus).
5 In general, proper nouns were not included in the dictionary, either as node words or collocates. However, a few highly salient proper noun collocates were included for certain node words (e.g. Iraq as a collocate of invade; China as a collocate of export).

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## Frequency index

## Format of entries

Rank frequency (1, 2, 3, ...), lemma, part of speech
Collocates
Raw frequency | dispersion (0.00-1.00), (indication of register variation: Spoken, Fiction, Magazines, $\underline{\text { Newspapers, }}$ Academic)

Note that the collocates are grouped by part of speech and ordered by frequency (most frequent first). The [ . ] symbol indicates pre/post placement with regards to the headword.

1 the $a$
of, first, year, most, .world, over, .same, day, end between, .United States, next, during. 20431716|0.99

## 2 be $v$

there, if, many, .able, long, always, likely, since, never, sure, often, .available, .aware, afraid
14338665 | 0.99

## 3 and $c$

her, their, other, up, between., .then, both, back, over, year, down, off, family, friend
9893569|0.99

## 4 of $i$

out., because., front., instead., terms., way, top. ahead., outside., favor., place, charge., light, spite. $9585500 \mid 0.97$

## 5 a $a$

.lot, .few, while, month, .single, .minute, .chance, .bit, .series, hour, variety, .huge, .dozen, mile 8159297 | 0.99

## 6 in $i$

which, year, new, way, place, .world, life, school, country, case, .area, city, .United States, .fact 6475319 | 0.98

## 7 to $t$

in, want., try., back., need., able., lead., return., allow. enough., continue, listen., close., refer.
5842936 | 0.99

## 8 have $v$

noun .trouble, .knack, .qualm, .repercussion,
.recourse, .inkling, misgiving, .foresight misc already,
.been, .done, .shown, .begun, .seen
4557421 | 0.98

## 9 to $i$

in, want., try., back., need., able., lead., return., allow. enough., continue, listen., close., refer.

## 3561680| 0.99

## 10 it $p$

think., so, because, .seem, even, hard, .easy, .clear, whether., .difficult, .possible, sound, worth, .impossible 3585308 | 0.97

## 11 I $p$

.think, know, like, .mean, .believe, love, guess, sure myself, .remember, sorry, •wonder, wish, afraid 3655790 | 0.94 S F

## 12 that $c$

fact., believe., suggest., indicate., argue., realize., note., clear., evidence., ensure., aware., notion., stuff, .correct 3174256 | 0.97

## 1. Animals

Note that several of these animals are also the mascot for sports teams or have figurative meaning (e.g. pig, mole), which would increase their overall frequency, and most of these are marked with parentheses in the following list.
[Top 80] dog $n_{49897}$, fish $n_{41277}$, bird ${ }_{35610}$, horse ${ }_{30042}$, chicken ${ }_{23955}$, cat 20463, , bear) $n_{19980}$, fox 17303 , turkey ${ }_{15445}$, wolf ${ }_{14452}$, deer ${ }_{11259}$, (duck) $n_{11003}$, (tiger) ${ }_{10210}$, COW ${ }_{9755}$, mouse ${ }_{9697}$, (eagle) ${ }_{9395}$, snake 9387 , lion ${ }_{9260}$, rat ${ }_{8115},(\text { pig })_{8048}$, (buffalo) ${ }_{7678}$, cattle $_{7636,}$, (hawk) $n_{7587}$, whale ${ }_{6750}$, sheep ${ }_{6172}$, bee ${ }_{6148}$, shark ${ }_{6035 \text {, }}$ rabbit ${ }_{5927}$, monkey ${ }_{5611}$, elephant ${ }_{5562}$, goat ${ }_{5330}$, worm $n_{5112}$, crab ${ }_{4873}$, butterfly ${ }_{4869}$, turtle ${ }_{4667}$, crow $n_{4398}$, oyster ${ }_{4328}$, frog ${ }_{4304}$, goose $n_{4137}$, spider ${ }_{4122}$, mosquito ${ }_{4010}$, elk ${ }_{3925}$, dolphin ${ }_{3913}$, ant ${ }_{3904}$, coyote ${ }_{3850}$, lobster ${ }_{3784}$, owl $_{3657}$, (falcon) ${ }_{3626}$, mule ${ }_{3111}$, (panther) ${ }_{2972}$, (penguin) ${ }_{2923}$, dove $n_{2906}$, squirrel ${ }_{2832}$, camel ${ }_{2825}$, (raven) 2673, $^{(\text {beetle }}{ }_{2612}$, hog $n_{2298}$, moose ${ }_{2231}$, pigeon 2225 , ape ${ }_{2203}$, pony 2194 , swan ${ }_{2059}$, donkey 1920 , beaver ${ }_{1895}$, (mole) ${ }_{1860}$, gorilla ${ }_{1694}$, alligator ${ }_{1588}$, hare ${ }_{1502}$, parrot ${ }_{1456,}$, crocodile ${ }_{1426}$, bison ${ }_{1327}$, leopard ${ }_{1286,}$ toad ${ }_{1266}$, sparrow $_{1252}$, antelope ${ }_{1168}$, quail ${ }_{122}$, OX $_{1117}$, raccoon $_{1092}$, gull $_{1068}$, heron 1057

## 145 most $r$

one., .important, .thing, .part, llikely, .recent, perhaps., .popular, for., .common, the., among,
.powerful, .often
228469|0.96

## 146 another $d$

one, one., yet., .person, .reason, .example, .minute, month, .hour, .factor, .round, .option, eedition, .aspect
222798 | 0.99

## 147 much $d$

as, so., too., how., that, very., thank., .more, spend. .money, pretty., love, thanks., .less
226091 | 0.97

## 148 own d

their•, his., her•, its•, my., your•, our•, life, •experience, mind, .personal, .identity, .version, .sake
222619|0.98

## 149 family $n$

adj whole, extended, royal, entire, poor, nuclear, immediate, wealthy, middle-class, low-income noun member, friend, child, life, .history, support, parent, •planning verb live, raise, own, visit, gather, feed., belong, extend, reunite, .flee
222823 | 0.96
150 out $i$
(out of) .of, get., come., way, run., pullo, .door, .control, .car, walk., .business, .bed, .sight, step. 223561 | 0.96

## 151 house $n$

adj empty, safe, halfway, two-story, haunted,
Victorian, suburban, single-family, Republican,
neat noun white., .committee, .representative,
Senate, speaker, .night, leader, chairman, majority, opera. verb build, leave., buy., pass, sell, enter., clean., burn, .vote, paint
223341 | 0.96

## 152 leave $v$

noun .room, .house, .office, .message, .town, .mark, note, photograph., hour, .impression, .trail, .apartment, foot, gap, .wake misc .behind, before, .alone, .home, without, .open, soon, pack.
over from, money., enough., whatever., plenty., energy., material., debris. out feel., detail, feeling., .key, completely., .critical, conveniently. 221568 | 0.96

## 153 put $v$

noun .hand, .money, •arm, . pressure, .foot, .finger,
.risk, .position, effort, •perspective, .hold, .gun, .jail, .emphasis, .clothes misc .together, .away, •aside, .behind, .forward, simply, .forth
down .root, .phone, .fork, •pen, .rebellion, .gun, .weapon, .knife out .fire, .hand, .statement, .cigarette, .album, press, .flag, flame on .clothes, .weight, .suit, dress, .uniform, .clean, .fresh, .brave up .fight, .money, .sign, willing., sale, .fence, .poster, .adoption
219537|0.96

## 154 old $j$

noun year, man, woman, friend, day, age, house, lady, boy, world, school, building misc enough, tired, plain, wise, wooden, fashioned, dear, faithful
$218220 \mid 0.96$

155 on $r$
go., what., come., take., move., put., hold., hang. keep., later., carry., .board, early. $218932 \mid 0.95$

## 156 while C

.other, wait, •maintain, .simultaneously, alive, .retain, .await, asleep, .pregnant, .latter
$215613 \mid 0.97$

## 157 mean v

noun .disrespect, compliment misc really, anything, .nothing, necessarily., exactly, absolutely, obviously, literally, deal, basically, .harm, though., interpret., phrase, insult
222520 | 0.93 S
158 let $v$
noun .look, minute, .break, .hook, .temperature, pan, oven., .steam, .imagination, caller misc .me, .go,
.him, just, .us, .ask, .talk, .tell, .start, .alone, .face, please, , listen, .forget, •cool
out .breath, .sigh, llong, .scream, school., . little, .cry, .deep, .whoop, .loud
222257|0.93 S

## 159 why $r$

.do, that, so, ask, .shall, reason., explain., understand., wonder., .choose, .anyone, .bother, explanation. $217080 \mid 0.95 \mathrm{~S}$

160 president $n$
adj past, elected, incumbent, outgoing, interim, executive, Republican, advisory, loyal, incoming noun vice., year, office, .CEO, college verb elect., sign, support, announce, appoint, name, .propose, declare, .veto, urge


161 keep v
noun eeye, .mind, .track, .secret, record, .pace
.mouth, promise, . peace misc .out, try, .alive, .off, .away, .open, enough., .warm, .close, .low, .safe, -quiet, .busy, .clean, order.
up .with, can., try., .good, .demand, struggle., able. on just., .until, .walk, .fight, hit, .push, .roll, .tick 212682 | 0.97

162 same d
.time, .as, .thing, .way, much., .kind, .period, exactly., share., .true, .amount, apply, .size, exact. 206339 | 0.99

## 163 great $j$

noun deal, thing, power, number, job, idea,
place, opportunity, story, depression, guy, success misc significantly, lesser, all-time, horned, seeing, vastly, all-around
207716 | 0.97

## 164 begin $v$

noun year, process, career, month, season, series, trial, construction, journey, video, .clip, investigation, painting, search, minute misc before, already., soon, immediately, •cry, •wonder, slowly, •realize 203712 | 0.98

165 big $j$
noun deal, problem, thing, man, company, city,
question, difference, business, house, issue, game misc enough, ten, fat, bold, at-large, bid, hairy, accounting
207702 | 0.95

## 279 hour $n$

adj long, full, past, wee, extra, countless, endless, flexible, odd, awake noun .day, minute, mile., .week, couple., night, morning, .half, rush., number. verb spend., take, work, talk, wait, last., drive, .pass, arrive
128061 | 0.96

## 280 often $r$

more, too., most., quite, every., .refer, .difficult, stir., .associate, .overlook, .cite, .accompany
129872 | 0.95

## 281 until c

minute., wait., year, about, •after, .now, •recently, stir, up., cook., .then, heat., .tender, add
128867 | 0.95

## 282 political $j$

noun party, system, leader, power, science, process, issue, life, scientist, action, change, reform misc economic, social, military, cultural, religious, personal, legal, democratic
135970 | 0.90 A

## 283 line $n$

adj bottom, long, front, straight, fine, offensive, multiple, thin, hot noun phone., power., story., assembly., product, party., finish., .equation verb draw, cross., form, blur, step., divide, connect, stretch, mark, cast
126004 | 0.97

## 284 end $n$

adj other, far, defensive, dead, very, low, tight, front noun year, .day, owar, .world, .century, week, beginning. month, season, .result verb reach., mark., near. signal., justify, trim, tuck., discard., dangle, prevail 123996|0.98

## 285 stand $v$

noun door, .side, .doorway, line, moment, window, .chance, ground, .corner, .middle, guard, .trial, tree, .edge, kitchen misc .front, .behind, .before, •next, .outside, .beside, •watch, •around
up .walk, .against, .straight, hair., front, slowly, .fight, .stretch, willing., please out .front, vein., particular., .sharp, .sharply, stark, •amid 130063 | 0.93 F

## 286 among $i$

.other, .them, .those, most, .group, .American, .member, difference., .themselves, common., rate., relationship., especially., leader
127451 | 0.94 A

## 287 game $n$

adj Olympic, all-star, final, fair, running, passing, previous, fun, complete, wild noun video., season, football., home, championship., player, baseball, basketball., .plan verb play, win., lose, watch., miss. attend., average, tie, finish, compete
134554 | 0.89 N

## 288 ever $r$

than., if., .see, .since, before, one., .hear, best. anything, •again, .happen, nobody., anyone 125145 | 0.96

## 289 lose $v$

noun .job, .weight, .money, .pound, game, .control, .sight, .interest, .mind, season, .thought, husband, .vote, .temper, .leg misc win., .million, .everything, risk., .billion, .forever, completely
out will., who., .because, .there, may., worker. best, both, consumer.
123521 | 0.97

## 290 bad $j$

noun thing, news, guy, time, day, idea, luck, weather situation, boy, habit, shape misc good, too, enough, pretty, that, smell, necessarily, ugly
123592 | 0.97

## 291 member $n$

adj other, national, senior, individual, fellow, active, democratic, various, key, founding noun family, group board, staff., faculty., team, council verb .vote, elect, .participate, encourage, appoint, recruit., invite, urge, interview, contact
124985 | 0.95

## 292 meet $v$

noun .need, .standard, eye, .requirement, .demand, .criterion, .goal, .challenge, friend, week, end., leader, .press, expectation, official misc in, order., nice., someone, fail.
up .with, when., where., .again, friend, .him, later, until, before.
120795 | 0.98

## 293 pay v

noun .attention, tax, price, .bill, money, fee,
company., .debt, dollar, cost, .rent, insurance, salary, cash, wage misc .for, much, .million, willing., enough, agree., .close, .extra, afford.
off .debt, loan, work., emortgage, .card,
.credit, effort., investment., .handsomely, gamble.
down .debt, •national, budget., credit, •mortgage, surplus.
123150 | 0.96

## 294 law $n$

adj federal, international, environmental, common, natural, criminal, constitutional, martial noun enforcement, .school, state, .firm, professor, rule., .order verb pass, require, break., enforce. violate., .allow, change, protect, apply, sign. 124932 | 0.93

## 295 almost $r$

-year, eevery, •as, •always, seem, .certainly, .impossible, .immediately, .half, .entirely, .ago, .exclusively, .everyone
118469|0.98

## 296 car $n$

adj used, electric, parked, luxury, Japanese, light, stolen, armored, fancy, classic noun police., door, seat, .accident, sport., rental, driver, street, window, race verb drive, buy., pull, park, stop, sell, hit, steal, rent., roll
123703 | 0.93 F

## 297 later $r$

year., day., .on, month., few., week., minute., hour., three., moment., sooner., four., five., six. $117096 \mid 0.97$

## 298 much $r$

.more, .than, very., so., as, how., .better, thanks., pretty., .less, too, .same, .large, .easy
116429|0.98

## 299 name $n$

adj real, full, familiar, middle, maiden, proper, given, holy noun .address, man, brand., family, father,

## 414 market $n$

adj free, black, global, competitive, domestic, common noun stock., .share, .economy, US, world., price, .value, labor., farmer. verb open, enter., dominate, hit, expand, invest, gain, flood, .crash, decline
93505 | 0.91

## 415 stay $v$

noun .US, hotel, .course, .bed, month, .calm, .touch, .shape, apartment, guest, •motel, .inn, aunt, shelter, .midnight misc .here, .home, .there, long, •away, .tune
up .night, .late, .all, .until, .watch, .later, .till, .past, .midnight, .dawn out .night, .late, .there, long, .until, .past, party, .till on long, . until, decide., light., .forever, .chairman, -indefinitely
$89095 \mid 0.96$
416 build $v$
noun house, home, system, company, plant, wall, bridge, road, community, , relationship, building, structure, plan., model, facility misc new, help., design., strong, .nuclear
up .over, .force, military, pressure, .strength,
 89178 | 0.96

## 417 nation $n$

adj other, European, African, top, western, Arab entire, leading, foreign, developed noun talk., world, state, .capital, .security, .news, history, .council, Islam, ambassador. verb lead, face, address., defend, divide, urge, sponsor, rebuild, sweep., shock. 90757|0.93

## 418 fall $v$

noun .love, .percent, price, .category, snow., rain. .ground, .floor, rate, hair., face, tree, stock., .knee, .victim misc .into, .asleep, .apart, .short, .behind, .below
off .horse, .cliff, .chair, .bike, wheel., .ladder, .sharply, hat. down .dead, .well, drunk, bridge., .onto, pant., tear. back .into, .onto, head., .sleep, .asleep, .earth, .upon out hair., bottom., tooth., .onto, .clump, .patch
88948 | 0.95 F
419 oh $u$
.my, .God, .yes, .no, .yeah, .sure, .absolutely, .OK, .gosh, .boy, .thank, .please, .dear, .sorry
95808 | 0.88 S F

## 420 death $n$

adj sudden, scared, violent, tragic, premature, untimely, wrongful, civilian, near noun .penalty, life., .row, cause., sentence, .rate, father, .toll verb die, shoot., face., beat., .occur, starve.
86806 | 0.97

## 421 plan $n$

adj economic, comprehensive, original, strategic, ambitious, future, five-year, individual, grand, immediate noun health., action, business., game. pension., lesson., retirement. verb develop, announce., include, implement, approve, draw, discuss., devise., lay, prepare
88360 | 0.96

## 422 interest $n$

adj special, national, best, public, low, economic, particular, political, vested, growing noun .rate, .group, term., conflict., student, business, . payment,
lack. verb .modify, show., serve, protect, lose., pay, express., represent., act., define
$88506 \mid 0.94$ A

## 423 someone $p$

.who, in, .else, love, kill, other, hire., close, .steal, .whom, trust, .shout, case., unless. 87261|0.95

## 424 experience $n$

adj personal, human, sexual, different, previous, past, educational, positive, early, religious noun year., student, life, learning., field., teaching., knowledge, training verb learn, share., provide, base., teach, gain, describe., draw, reflect, lack. $89900 \mid 0.92$ A

## 425 cut $v$

noun tax, .piece, .cost, hair, budget, spending, tree, .deal, .slice, knife, .strip, .deficit, .corner, throat, .chunk misc .into, .through, .half, .short, peel., .loose, .thin, deeply, propose.
back force., .spending, .forth, .production, .fat, sharply, drastically, .purchase, .salt, .travel off head, .supply, .aid, hair, .fund, completely, threaten., .escape, abruptly out work., .shape, cookie, .circle, tongue, .fat, biscuit, .middleman down tree, forest, .fat, .size, .net, .travel
89101 | 0.92

## 426 kill $v$

noun people, man, soldier, civilian, American, wife, father, son, person, police, husband, accident, animal, attack, bomb misc shoot., someone, .wound, somebody, threaten., nearly
off by, •bacteria, •any, cell, character, cancer, .dinosaur, antibiotic., .entire, nearly

## -85730 |0.95 |n


.him, .her, door, leave., back, stand., hide., .bar, .scene, sit., wall, .wheel, .desk, close. 87372 | 0.93 F

## 428 reach $v$

noun hand, agreement, .point, .level, .conclusion, .goal, .age, .end, door, .top, . peak, arm, consensus, .height, .phone misc before., untile, .across, finally. once., .beyond, forward, .critical
out hand, .touch, .other, .grab, try, arm, .help, effort. over .touch, .pat, .grab, .shoulder, .squeeze, .gently, .stroke, .tap up .touch, .pull, .grab, .stroke, .brush, .rub, .pat, •grasp down .pick, •pull, .grab, .touch, olift, .pet, .pat, .pluck
84993|0.96 F

## 429 six $m$

.month, .year, .week, five., after, about., .day, .ago, .seven, last., .foot, four, .hour, eeight 83613|0.97

## 430 local $j$

noun government, state, school, community, official, level, people, news, group, authority, station, police misc national, federal, regional, check, global, environmental, contact 85964|0.94

## 431 remain $v$

noun question, $\cdot m y s t e r y$, second., challenge, .calm, minute., troop., decade, focus, core, doubt, .secret, priority, inflation., gap misc while, .until, .same, .silent, however, •open, •constant, •unchanged 84339|0.95

## 538 support $v$

noun family, evidence., research, president, study, .effort, government, finding, hypothesis, data, , idea, result., community, position, .claim misc strongly., fully., democratic, generally., financially
70392 | 0.94 A

## 539 space $n$

adj open, outer, public, empty, international, living, available, green, deep noun time, .station, .shuttle, .telescope, .program, .center, office., air., foot., .flight verb create, fill, occupy, share., stare., fly., rent., design, define, transform
69223 | 0.95

## 540 player $n$

adj best, young, key, great, major, defensive, valuable better, greatest, pro noun team, footballo, basketball., baseball., league, CD., school, tennis., season, owner verb sign, name, recruit, .score, earn, draft, compete, trade, rush, scout
$74983 \mid 0.88 \mathrm{~N}$

## 541 everyone $p$

.else, know, .agree, almost., nearly., .laugh, .except, .happy, surprise, virtually., please, .involved, hello., equal
68112 | 0.96

## 542 couple $n$

adj married, young, elderly, odd, interracial, infertile, unmarried, middle-aged, royal, homosexual noun $\cdot y e a r$, .day, .week, .time, •month, $\cdot$ hour, •minute verb spend, marry, adopt, .file, dance, divorce, last., stroll, .wed, chat
68509 | 0.95

## 543 end $v$

noun war, year, season, month, career, marriage, week relationship, .video, .divorce, .clip, quarter., period., .videotape, .violence misc fiscal., soon, abruptly, eventually., effectively., .badly, officially., .happily
up .with, will., .like, might., .pay, .dead, .jail, .cost, usually., eventually.
67329 | 0.97

## 544 base $v$

noun decision, study, data, research, system, information, .experience, model, value, result, evidence, .principle, theory, finding, .race misc .upon, largely, solely, primarily
70237 | 0.93 A

## 545 project $n$

adj large, public, special, involved, federal, joint, various, ambitious, current, proposed noun research., development, housing., construction., .manager, director, pilot., genome. verb work, include, complete, fund, involve, support, undertake, finance, plan, participate.
69629 | 0.93 A

## 546 produce $v$

noun .result, .effect, product, plant, image, energy, oil, film, food, change, material, good, cell, electricity, crop misc enough, .significant, similar, capable., .positive, locally
69105 | 0.94 A

## 547 site $n$

adj historic, archaeological, online, sacred, holy, grave, specific, various, historical, potential noun web., Internet., construction., waste., test., park, crash.,
visit, landing. verb .offer, check., locate, .contain, identify, select, clean, maintain, launch, access 69287 | 0.93

## 548 situation $n$

adj bad, difficult, current, similar, political, social, economic, dangerous, whole, particular noun people, kind., family, security., emergency., type., response., hostage., variety. verb change, create, improve, handle., face, deal., describe, explain., .involve, occur 67816 | 0.95

## 549 hit $v$

noun ball, .head, .ground, shot, car, .target, .road, .wall, .button, .floor, plane., bullet, rock, hurricane, storm. misc .home, .hard, before., .bottom, hardest, harder, somebody, kick, straight
67484 | 0.94

## 550 industry $n$

adj private, pharmaceutical, entire, heavy, nuclear, chemical, automotive noun oilo, tobacco., auto. music., insurance., entertainment., airline., .analyst verb develop, regulate, dominate, affect, employ, promote, deregulate, attract, invest, spawn 68750 | 0.93

## 551 half $d$

than., about., .hour, more., year, .dozen, two., only., .million, .century, nearly., over, cut., .ago
65437 | 0.97

## 552 activity $n$

adj physical, other, sexual, economic, human, social, criminal, illegal, various, terrorist noun student, level, school, group, program, kind., teacher, leisure., education, brain verb engage., include, participate., involve, support, perform, plan, promote, conduct,
focus
71827 | 0.89-A

## 553 American $n$

adj native, average, native-born, patriotic, firstgeneration, overworked, provident noun percent., majority., number., way, lot., thousand. verb believe, kill, .live, .die, understand, .spend, .support, afflict, emulate, overrun
67727 | 0.94

## 554 eat $v$

noun food, .lunch, meal, .dinner, .breakfast, .meat, fish, .fruit, dog, •vegetable, restaurant, .sandwich, chicken, eegg, animal misc drink, sleep, enough, -healthy, exercise, cook
up .by, .all, more, cost, .mile, .every, debt., inflation, .profit, easily. out when., .restaurant, meal,
.frequently, afford.
67606 | 0.94 F

## 555 itself $p$

manifest., within, present., lend., process., defend., repeat., reveal., nature., transform., pride., upon, express., bill.
66722 | 0.95 A

## 556 need $n$

adj special, social, specific, urgent, educational, desperate, economic, personal, immediate, particular noun student, child, people, family, community, health, teacher, interest, individual, population verb meet., feel.. .change, address., eliminate., recognize., satisfy., serve., emphasize. 68745 | 0.92 A

## 652 fire $n$

adj friendly, heavy, warm, machine-gun, anti-aircraft, rapid noun .department, police, forest., firefighter., .station, line, .truck, .escape verb set., .burn, start, open., catch., light., build., fight., destroy, kill $55188 \mid 0.95$

## 653 close $v$

noun eye, door, •gap, hand, window, mouth, book, deal, office, store, stock., month, poll., lid, .loophole misc .behind, open, eenough, .together, .by, slowly, .lock, tightly, lean, inside.
in .around, wall., winter, police., camera., darkness., quickly, fog. down .operation, plant, factory, shop,
facility, .newspaper, industrial., stock. up .shop, Dow., throat., average., .tight
55989 | 0.93 F

## 654 daughter $n$

adj young, old, teenage, beautiful, eldest, adopted noun son, mother., wife., father, husband, life, sister, marriage, baby, birth verb marry, raise., .born, visit, .attend, adopt, bury, .graduate, divorce, hug
54836 | 0.95

## 655 involve $v$

noun case., issue, process, student, study., activity, .use, project., research, parent, effort, decision, step, analysis, procedure. misc usually., complex, directly, physical, actively., typically•, .hundred 55342 | 0.94 A

## 656 husband $n$

adj late, future, estranged, abusive, loving, devoted, beloved noun wife, child, father, woman, son, family, daughter, death, sister verb .die, kill, meet., lose,
marry, divorce, share, murder, sleep, cheat 54734 | 0.95

## 657 wrong $j$

noun thing, way, place, time, side, direction, answer, person, message, reason, turn, number misc what, something, there, nothing, anything, right, prove, maybe
54515 | 0.95 S

## 658 certainly $r$

.not, well., almost., most, .hope, .true, .lot, .worth, .aware, .is, .entitle, .understandable, .plausible 55619 | 0.93 S

## 659 increase $v$

noun number, .risk, rate, year, tax, price, cost, .amount, production, .chance, likelihood, population,
pressure, .size, power misc dramatically, significantly, continue., greatly., substantially
56165 | 0.92 A

## 660 future $n$

adj near, foreseeable, bright, uncertain, better, immediate, distant noun past, child, country, vision. present., hope., wave., market, energy, prospect. verb .hold, plan., predict., face., shape., build., determine., .depend, worry., promise $53959 \mid 0.95$

## 661 south $n$

adj black, deep, rural, suburban, segregated, upper, tropical, polar, temperate, agricultural noun north, mile., .side, west, city, new, street, area, .pole, .end verb head., move., live., drive., travel., face, locate. host, drift., .secede 54674 | 0.94

## 662 medical $j$

noun center, school, care, association, treatment, service, record, doctor, examiner, research, student, problem misc American, receive, seek, chief, scientific, British, regional, dental 55101 | 0.93

## 663 call $n$

adj close, long-distance, tough, quick, incoming, repeated, frantic, urgent, domestic, numerous noun phone., telephone., wake-up., information. conference., roll., house, .center verb make, get., take., receive., give., return., answer.
5428210.95

## 664 board $n$

adj national, advisory, federal, editorial, medical, governing, diving, cutting, wooden, online noun member, school., director, .education, bulletin., chairman, county. verb serve., .meet, approve, .vote, cut, .decide, join., appoint, elect, state
$54600 \mid 0.94 \mathrm{~N}$

## 665 anyone $p$

.who, can, .else, than., want, never., tell, ever, why. before, anything, better., hurt, care 53317 | 0.96

## 666 deal $v$

noun .problem, .issue, drug, .situation, .blow, .crisis, matter, .reality, .stress, .threat, card, crime, .loss, .violence, .aspect misc .with, how., difficult, edirectly, effectively, prepare.
53382 | 0.96 S

## 6. Family

$$
\begin{aligned}
& \text { child }{ }_{323005} \text {, mother }{ }_{163282} \text {, father }{ }_{140176} \text {, (kid) }{ }_{126054,} \text {, parent }{ }_{115339,} \text {, wife }{ }_{80380} \text {, son }{ }_{77848,} \text { (baby) }{ }_{65615 \text {, }} \\
& \text { brother }{ }_{60753} \text {, husband }{ }_{57625} \text {, daughter }{ }_{57551} \text {, } \text { sister }_{45904}, \text { mom }_{39021} \text {, dad }{ }_{34364} \text {, uncle }{ }_{18091} \text {, twin }{ }_{15073} \text {, aunt }{ }_{13184,} \\
& \text { grandmother }{ }_{13045} \text {, daddy }{ }_{12748} \text {, cousin }{ }_{11640} \text {, mama }{ }_{10838} \text {, grandfather }{ }_{10663} \text {, ancestor }{ }_{6336} \text {, sibling }{ }_{5864} \text {, bride }{ }_{5677} \text {, } \\
& \text { (widow) }{ }_{5265} \text {, grandparent }{ }_{5147} \text {, grandchildren }{ }_{4846} \text {, grandma }{ }_{4529}, \text { papa }_{4007} \text {, (guardian) }{ }_{3755}, \text { groom }_{3458,} \\
& \text { nephew }{ }_{3066} \text {, grandson }{ }_{2853} \text {, grandpa }{ }_{2810} \text {, orphan }{ }_{2403} \text {, niece }{ }_{2357} \text {, granddaughter }{ }_{1877} \text {, ex-wife }{ }_{1617} \text {, granny }{ }_{1547} \text {, } \\
& \text { brother-in-law }{ }_{1312} \text {, ex-husband }{ }_{1260} \text {, mother-in-law }{ }_{1253} \text {, godfather }{ }_{1151} \text {, fiancé }{ }_{1056,} \text {, son-in-law } 921 \text {, } \\
& \text { sister-in-law }{ }_{863} \text {, fiancée }{ }_{815} \text {, father-in-law }{ }_{812} \text {, grandchild }{ }_{785} \text {, daughter-in-law }{ }_{656} \text {, triplet }{ }_{628} \text {, (widower) }{ }_{580} \text {, } \\
& \text { foster child }{ }_{470} \text {, godmother }{ }_{409}
\end{aligned}
$$

## 667 hospital $n$

adj medical, local, mental, psychiatric, public, military, nursing, nearby, regional, not-for-profit noun child., doctor, .. room, patient, .bed, care, center, state, emergency, home verb admit., treat, rush., visit, release, arrive., enter., discharge, volunteer, .diagnose 54778 | 0.93

## 668 rest $n$

adj eternal, well-deserved, well-earned, prolonged much-needed, fitful, deserved noun life, .world, day, .country, .room, .season, hour, .society, .history, minute verb spend., lay., separate., enjoy., compare., isolate., devote.
52316 | 0.97

## 669 seek v

noun .help, information, .support, .advice, .treatment, .refuge, . solution, .approval, .care, .assistance, justice, .term, .shelter, .truth, .employment misc actively., professional, .avoid, establish, desperately.
out .new, people, .help, woman, actively. -opportunity, .destroy, •advice, .enemy, aggressively. 54039 | 0.94 A

## 670 myself $p$

I, find., tell., feel, ask., consider., kill., remind., force., imagine., introduce., throw., convince., enjoy 54892 | 0.92 F

## 671 county $n$

adj rural, surrounding, neighboring, urban, metropolitan, coastal, elected, historic, populous, fastest-growing noun school, city, .sheriff, district, .office, .official, .commissioner, .board, court, .attorney verb .vote, approve, locate, file, sue, contact., elect, appoint, reside., populate. 58889 | 0.86 N

## 672 fight $v$

noun war, battle, .terrorism, .fire, force, soldier., army, .crime, troop, drug, .cancer, enemy, .disease, American, .tear misc .against, other, hard, .each, continue., die
off .infection, .attack, .disease, .attempt, .attacker, .cancer, ability., .virus, .sleep, successfully. back .tear, .against, try, decide., industry., urge, ready., smile, courage.
52567 | 0.96

## 673 subject $n$

adj human, academic, favorite, male, female, particular, normal, various, healthy, sensitive noun .matter, study, •area, group, school, test., number, knowledge, .debate, interest verb change. teach, discuss, broach., relate, .range, address, .participate, approach., obtain
58051 | 0.87 A

## 674 risk $n$

adj high, great, increased, low, developing, serious, significant, relative, greatest noun .factor, cancer, .disease, health, .heart, breast, .assessment, .behavior, .management, .injury verb take., reduce., increase., run., put., associate, pose, involve, minimize., consider. 55137|0.92 A

## 675 order $n$

adj social, political, restraining, international economic, natural, tall, moral, alphabetical, descending noun world., court., law., executive. thing, mail., .business verb give, issue, follow., place., maintain., restore, sign., determine, .prevent 52744 | 0.96

## 676 west $n$

adj wild, far, due, arid, coastal, Antarctic, industrialized, intermediate, prosperous, mountainous noun .bank, .coast, east, .side, .street, .point, mile., south, north, key. verb move., head., travel., locate., saile, flow., migrate., situate.
53141|0.95

## 677 economy $n$

adj global, political, local, strong, national, growing, weak, booming, domestic, healthy noun world., US. fuel., state, country, sector., growth, nation, .scale, society verb .grow, slow, improve, stimulate., affect, .recover, hurt, expand, boost., .depend $54930 \mid 0.92$

## 678 quickly $r$

as, very., move., more., .become, too., .possible, turn, learn, away, change, grow, acto, eenough 51995|0.97

## 679 throw $v$

noun .ball, .hand, .arm, .party, head, rock, •money, door, stone, .yard, window, .punch, light, .ground, floor misc .into, .away, .back, .down, .around
out court, judge., case, $\bullet$ window, ballot, appeal, conviction, .arm, lawsuit up .hand, .arm, bathroom, barrier, dust, sick., barricade off .balance, .timing, .robe
53233 | 0.95 F

## 680 bed $n$

adj asleep, empty, double, ready, warm, narrow, four-poster, unmade, king-size, separate noun night, hospital., side., foot., edge., time, breakfast, sheet, flower., chair verb go., get., sit., lie., lay., sleep, fall, ${ }_{5581010.90 \mathrm{~F}}^{\mathrm{clim}} \mathrm{O}$

## 681 officer $n$

adj chief, military, financial, senior, commanding, young, top, retired, medical, naval noun police., executive., army., operating., law., intelligence. enforcement. verb serve, shoot, train, .arrive, arrest, enlist, respond, .charge, hire., appoint $53661 \mid 0.93 \mathrm{~N}$

## 682 represent $v$

noun .text, group, .percent, equation., lawyer. .interest, attorney., figure, organization, change, line., union, value, character., district misc each, .significant, claim., total, accurately., adequately. 54477 | 0.92 A

## 683 soon $r$

will, as, .after, too., .possible, .become, may., pretty., .enough, begin, anytime., follow, .realize, home $51960 \mid 0.96$

## 684 top $n$

adj very, green, flat, tall, tight, convertible, sleeveless, matching, rounded, spinning noun .head, list, .bottom, page, .percent, tank., mountain, .stair, table, .hour verb reach., rank., climb., finish., rise., sprinkle, cover, $\overline{\text { blow. }}$, spread, pour
52867 | 0.94 M
685 fill $v$
noun room, water, air, .gap, eye, form, space, .void, glass, tear, hole, tank, box, seat, role misc ewith, enough., empty, quickly, entire, suddenly., completely
noun student, child, level, people, skill, confidence. government, knowledge, individual, .achievement verb lose., develop, limit., affect., demonstrate., improve., .control, enhance., .communicate, .perform
47389 | 0.91 A

## 795 dollar $n$

adj federal, top, silver, weak, additional, strong, multi-million, constant, falling, hard-earned noun thousand., .year, tax, cent, .bill, value, taxpayer., .month, money verb spend, pay, make, cost., give, buy, save, lose, help, pour 45260 | 0.96

## 796 union $n$

adj civil, international, monetary, same-sex, gay, patriotic, striking, municipal, collective, postal noun state., labor., worker, member, trade., .leader, .address, liberty., credito, teacher. verb join, represent, organize, form, fight, oppose, .collapse, negotiate, vote, preserve.
46796 | 0.92

## 797 disease $n$

adj infectious, chronic, cardiovascular, transmitted, coronary, deadly, fatal, certain, vascular noun heart., .control, center., risk., cancer, . prevention, patient, diabetes, treatment, death verb cause, prevent., die. treat., develop, spread, affect, cure., diagnose., fight. 48003 | 0.90 M

## 798 everybody $p$

know, eelse, want, talk, love, •agree, everything, welcome, .happy, hi., kind, .laugh, hate, thanks. $47348 \mid 0.91 \mathrm{~S}$

## 799 wonder $v$

noun observer., critic., awe., viewer, skeptic. amazement, pundit. misc lo, off . what, she, .how, $_{\text {. }}$ .why, .whether, begin.
46444 | 0.93 F

## 800 election $n$

adj presidential, general, federal, democratic, local, special, primary, close, multiparty, Iraqi noun year, day, .campaign, result, week, candidate, month, .official, .commission, midterm. verb win., lose. vote, steal, participate., influence., conduct, contest. organize, sweep
46982 | 0.92 S

## 801 loss $n$

adj net, total, significant, potential, heavy, tragic, terrible, devastating, key, consecutive noun weight. hearing., ,life, job, memory., vision, sense., hair. bone verb suffer., cause, result, lead, report., experience, prevent., mourn., .occur, post.
45699 | 0.94

## 802 box $n$

adj cardboard, black, wooden, empty, light, rectangular, safe-deposit noun .office, .page, ballot. lunch, music., dialog., shoe., boom. verb open, .contain, fill, carry, check, place, pack, hand, grab., line 45632 | 0.94

## 803 deal $n$

adj great, big, good, new, real, better, whole, raw, fair, five-year noun .time, money, budget., business. book., peace., .attention verb make, cut., sign., strike, spend., close, negotiate., announce, seal., involve 45217 | 0.95

## 804 herself $p$

she, her, find., pulle, allow., throw., force., kill., smile, remind., .mirror, push., introduce, imagine. 47988 | 0.89 F

## 805 fund $n$

adj mutual, federal, international, monetary, public, legal, private, available, general, environmental noun stock, trust., pension., hedge., .manager, bond., defense., year verb raise, invest, receive, manage, establish, support, sell, allocate, contribute, state 50551 | 0.85 M

## 806 miss $v$

noun .game, .point, .opportunity, .chance, .beat, season, •mark, .cut, month, .boat, .deadline, plane, foot, .start, throw misc never., narrowly., completely, barely., .terribly, eentirely
out .on, .some, .opportunity, may., .something, might., afford., stuff, •valuable
44536 | 0.96

## 807 pretty $r$

-good, .much, •well, .soon, .sure, .bad, .clear, actually,
guy, .close, .tough, .quickly
45846 | 0.93 S

## 808 region $n$

adj different, central, economic, entire, southern northern, administrative, geographic, particular, various noun country, state, city, border., mountain. economy, peace., stability., troop., presence. verb vary., dominate, locate, divide, spread., populate, destabilize., inhabit, occupy,
concentrate.
47374 | 0.90 A

## 809 feeling $n$

adj strong, bad, personal, negative, hard, positive, warm, mixed, general, strange noun people, thought, guilt, child, gut., kind, fear, attitude, .stomach, depression verb express., share., experience, describe., reflect., shake., overwhelm, stir, enhance, sense
44054 | 0.97

## 810 lay $v$

noun $\cdot$ bed, $\cdot$ hand, .egg, .foundation, .groundwork, head, .claim, .eye, table, plan, .blame, blanket, track female., snow misc there, .across, .ahead, .beside, .bare, .upon, .awake
out plan, .case, •vision, .agenda, .detail, clothes, clearly, carefully., .scenario down .law, .arm rule, .beside, .sleep, .next, .weapon, condition, guideline off worker, employee, .thousand, fire, .hundred 45367 | 0.94 F

## 811 training $n$

adj military, formal, basic, professional, medical, vocational, on-the-job noun .program, .camp education, teacher, job., spring., .session, .center verb provide, receive., require, offer, complete., attend., focus, undergo., enhance, .consist 46068 | 0.92 A

## 812 message $n$

adj clear, strong, wrong, mixed, simple, positive, powerful, brief noun e-mail., people, phone, .board, text., president, machine, kind., .hope verb send., get leave., deliver, receive, convey, carry., communicate, spread., intend $43978 \mid 0.96$

## 925 firm $n$

adj private, big, financial, foreign, local, architectural, top, pharmaceutical, commercial, industrial noun law., investment., research., accounting., partner, company, business, brokerage., security., management verb hire, represent, .specialize, join, own, account, invest, ooperate, .handle, found
$42171 \mid 0.89 \mathrm{~N}$
926 huge $j$
noun amount, number, problem, difference, crowd, success, fan, tree, impact, increase, profit, sum misc wooden, massive, loom, potentially, atop, concrete, underground, hairy, incredibly 38891 | 0.96

## 927 respond $v$

noun student, need, .request, participant., .survey, police., .demand, chance., opportunity., ability., letter, .criticism, .situation, officer, .concern misc how., quickly, fail., immediately, .positively, .differently
38955 | 0.96

## 928 popular $j$

noun culture, music, vote, support, program, show, book, song, art, form, science, movement misc most, become, very, among, increasingly, remain, contrary, especially, wildly
39541 | 0.94
929 hard $r$
work., so., how., very., try, as., hit., too., find, .enough, push., press, play., fight.
39133 | 0.95 F

## 930 physical $j$

noun education, activity, health, teacher,
fitness, educator, evidence, program, abuse,
class, therapy, condition misc mental, emotional, psychological, social, such, sexual, teach,
spiritual
47006 | 0.79 A

## 931 talk $n$

adj small, tough, straight, direct, middle, cheap, bilateral, late-night, high-level, Israeli noun .show, .nation, radio, peace., ehost, hour., kind. verb let., hear., listen., resume, engage., stall, .collapse 39888 | 0.93 S

## 932 traditional $j$

noun value, way, role, family, method, culture, approach, system, practice, form, music, school misc more, such, Chinese, modern, religious, beyond, African, cultural
40499 | 0.92 A

## 933 contain v

noun material, information, quote., table, product. percent, article, .item, food, .error, book, box., .element, .amount, word misc each., .herein, .within, less, barely.
$39815 \mid 0.93 \mathrm{~A}$

## 934 peace $n$

adj international, quiet, lasting, inner, comprehensive, relative, regional, permanent noun .process, .talk, war, world, .corps, .agreement, justice, .mind, .conference, .treaty verb make., bring., keep., live., sign, achieve, rest., resume, reject., .prevail
39932 | 0.93

## 935 green $j$

noun onion, bean, light, eye, pepper, tea, grass, card, space, tomato, party, salad misc red, blue, white, yellow, dark, wear, chop, bright
39558 | 0.94
936 thanks (PL) $n$
adj special, sincere, heartfelt, generous, deepest, effusive, hearty, profuse noun time, .call, year., guy, day., man, pleasure, gentleman, world. verb .join, .watch, appreciate, welcome, express., nod., extend, deserve., owe., murmur 42160 | 0.88 S

## 937 control $v$

noun government, .cost, system, ability., .behavior, effort., Congress, party, variable, computer, .access, .effect, process, movement, .flow misc .by, .over, able., tightly., carefully., difficult., unable., own., effectively.
39094 | 0.95 A

## 938 Democrat $n$

adj liberal, conservative, moderate, top, senior, incumbent, lifelong noun Republican, house, Senate, Congress, party, percent, time verb vote, .win, support, control, .oppose, elect, accuse, favor, blame, defeat 42221 | 0.88 S

## 939 base $n$

adj military, naval, economic, broad, industrial, solid, democratic, conservative noun air., knowledge., data. power, home., .camp, tax., . price verb build.,
establish, steal., cover, expand., reach., touch., operate, attack, secure
38430| 0.96

## 940 impact $n$

adj environmental, economic, negative, significant, positive, big, great, potential, major noun study, .student, health, .statement, eenvironment, .economy, .crater, assessment, project, point verb have., assess., reduce., examine., minimize., consider. 39915 | 0.92 A

## 941 structure $n$

adj social, political, organizational, large, economic, complex, basic, internal, existing, narrative
noun power, family., system, factor., function, process, knowledge, force., class., building verb build, create, change, form, determine, examine., establish, alter., maintain, define
41126 | 0.90 A

## 942 tonight $r$

us., here., news., show, report., story, join., finally., tomorrow, dinner, summary.
$43161 \mid 0.85 \mathrm{~S}$

## 943 note $n$

adj accompanying, mental, final, personal, handwritten, positive, promissory, brief, cautionary, additional noun editor., .text, program., author., suicide., page, ransom., type., thank-you., letter verb take., write, leave, read, send., compare., hit., strike., record, issue
41349 | 0.89

## 944 direction $n$

adj opposite, right, different, wrong, future, general, positive, spiritual noun step., change, wind, sense., policy, speed, stage., pasta., move. verb give., head., follow., point., provide., face, pull., push., match 38040 | 0.97

## 1061 beat $v$

noun egg, heart., team, sugar, .death, drum, .butter, white, .odds, .wife, mixture, police, flour, vanilla, cream misc .until, hard, lightly., badly
up .on, get., kid, guy, .wife, pretty, someone, badly, cop, threaten. down sun., .door, rain., .upon out issue., decliners, .advancer,
.competition
35222 | 0.93
1062 nor $c$
neither., •any, •ever, •anyone, .deny, •necessarily, confirm., fully, entirely, •merely, sufficient, surprising, .inclination, desirable
34818 | 0.95 A

## 1063 modern $j$

noun art, world, time, museum, history, life, society, technology, science, state, era, medicine misc early, ancient, traditional, western, industrial, thoroughly, urban, democratic, European
35754 | 0.92 A

## 1064 vote $n$

adj electoral, popular, final, presidential, single, close, unanimous, total, necessary noun percent., Senate, majority., Republican, election, .confidence, Congress, count, candidate, number verb get., cast, win, lose., receive, support, delay., tally
36477 | 0.90 S

## 1065 sing $v$

noun song, voice, music, choir, bird., .praise, .tune, hymn, church, .anthem, .blue, love, heart, singer., gospel misc .along, together, softly, musical, . sweet shout, .loudly, .favorite, .Spanish, chant, beautifully, accompany

adj ovarian, cervical, pancreatic, colorectal, testicular, terminal, endometrial noun breast., risk, prostate., lung., .patient, disease, woman, colon., .cell, treatment verb die., cause., diagnose., prevent., develop., treat., .spread, cure., kill, reduce
36767 | 0.89 M

## 1067 finger $n$

adj long, little, middle, left, cold, tiny, thin, bony, gloved, broken noun hand, index., .lip, hair, ring., thumb, tip., eye, .toe, arm verb point, put., run., hold, snap., touch, keep., stick., press, lift. 37148 | 0.88 F

## 1068 lake $n$

adj great, clear, nearby, frozen, shallow, freshwater, man-made, artificial, arctic, sparkling noun salt., .city, water, river, shore, forest, area, mile, mountain, view verb overlook., swim, head, surround, fish, flow., feed, drain, .freeze, .dry
35614 | 0.92

## 1069 wish $v$

noun .luck, author., birthday, reader, .harm, .happiness, holiday, educator., instructor., retrospect., ,fulfillment, hindsight., farewell, .grandpa, majesty. misc I, .can, well, .thank, sometimes., someone, anyone 34575 | 0.95 F

## 1070 marriage $n$

adj gay, same-sex, happy, previous, interracial, traditional, arranged, legal, civil, failed noun year, child, family, •divorce, couple, sex., relationship, love, daughter, institution verb end, .last, save., ban., recognize, fail, oppose., enter, define, perform 34739 | 0.94

## 1071 victim $n$

adj alleged, sexual, innocent, potential, female, dead, violent, intended, helpless, sacrificial noun family, crime, rape, abuse, murder., accident, police, AIDS, disease verb become., fallo, help., blame., kill, identify, claim., treat, .suffer, shoot

## 34313|0.95

## 1072 task $n$

adj difficult, easy, daunting, simple, specific, complex, impossible, challenging, joint, main noun .force, performance, time, .hand, group, .orientation, teacher, difficulty, type, activity verb perform., complete, accomplish., face, .require, assign, set, .involve, carry, undertake
36492 | 0.90 A

## 9. Nationalities

Note that many of these words may also refer to languages: English, Chinese, Russian, German, etc.
[Top 80] American ${ }_{278042}$, Indian ${ }_{41558,}$, English ${ }_{38009}$, French ${ }_{37332}$, African ${ }_{36181}$, British ${ }_{33924}$, Chinese ${ }_{33374,}$, Russian ${ }_{30042}$, German ${ }_{29115}$, Japanese ${ }_{28757}$, Iraqi ${ }_{25042}$, Israeli ${ }_{24824}$, Arab ${ }_{23866}$, Palestinian ${ }_{23689}$, Jewish ${ }_{19412,}$, Mexican ${ }_{17577}$, Italian ${ }_{16418}$, Spanish ${ }_{15707}$, Canadian ${ }_{15542}$, Latin ${ }_{15443}$, Korean ${ }_{10619}$, Irish ${ }_{10570}$, Greek ${ }_{9748,}$, Cuban ${ }_{8424}$, Polish ${ }_{7858}$, Native American ${ }_{6941}$, Iranian ${ }_{6656}$, Dutch ${ }_{6449}$, Egyptian ${ }_{5640}$, Australian ${ }_{5240}$, Turkish ${ }_{4350}$, South African ${ }_{4238}$, Brazilian ${ }_{4238}$, Bosnian ${ }_{4168}$, Vietnamese ${ }_{4116,}$, SwisS ${ }_{3804}$, Pakistani ${ }_{3270}$, Haitian ${ }_{\text {3177, }}$, Czech ${ }_{3174}$, Swedish ${ }_{3109}$, Syrian ${ }_{3090}$, Serbian ${ }_{2876}$, Lebanese ${ }_{2747}$, Serb ${ }_{2736}$, Kuwaiti 2721, Thai 2689 , Dominican ${ }_{2425}$, Danish ${ }_{2293}$, Puerto Rican ${ }_{2292}$, Portuguese ${ }_{2285}$, Scottish ${ }_{2271}$, Norwegian ${ }_{2202}$, Albanian 2196 , Indonesian 2042, Hungarian ${ }_{2008}$, Colombian ${ }_{1849}$, Austrian ${ }_{1820}$, Jordanian ${ }_{1795}$, Belgian ${ }_{1736}$, Lithuanian 1720 , Argentine ${ }_{1713}$, Filipino ${ }_{1707}$, Nigerian ${ }_{1682}$, Yugoslav ${ }_{1647}$, Croatian ${ }_{1643}$, Ethiopian ${ }_{1630}$, Somali ${ }_{1543}$, Chilean ${ }_{1487}$, Croat ${ }_{1477}$, Spaniard ${ }_{1466}$, Armenian ${ }_{1444}$, Ukrainian ${ }_{1417}$, Taiwanese ${ }_{1352}$, Welsh ${ }_{1346}$, Peruvian ${ }_{1338}$, Jamaican ${ }_{1320}$, (Georgian) ${ }_{1212}$, Arabian ${ }_{1205}$, Romanian ${ }_{1120}$, Finnish 1113

## 1177 touch $v$

noun hand, .arm, .shoulder, .face, finger, .hair, .ground, foot, .cheek, .heart, lip, story., .base, knee, nose misc her, him, reach., never., almost., lightly, barely., gently
down plane., tornado., helicopter., wheel., -near, tornadoes., jet., twister., flight., chopper.
off .wave, crisis, .storm, .series up makeup, .paint, .root
32084 | 0.92 F

## 1178 variety $n$

adj wide, great, available, wider, rich, infinite, endless,
broad, resistant noun .way, .reason, .source, .activity,
.food, .factor, .show, .style, .material, .form verb use., offer., include, provide., produce, develop, •range, perform., represent.
31904 | 0.92 A

## 1179 deep $j$

noun breath, water, voice, inch, space, sleep, pocket, trouble, end, throat, snow, root misc take, blue, draw, wide, dark, red, brown, purple
30888 | 0.95 F
1180 text $n$
adj preceding, accompanying, literary, original, written, biblical, full, religious, cultural noun note., .message, image, reader, reading, book, page, meaning, history, graphics verb .check, represent., read, convert., produce, accompany, interpret, translate, print, mention
$34853 \mid 0.84 \mathrm{~A}$

## 1181 wide $j$

noun range, variety, receiver, eye, world, foot, array, mouth, area, smile, door, arm misc long, across, spread, open, enough, awake, tall, deep 30767 | 0.95

## 1182 credit $n$

adj extra, full, academic, partial, preceding, cheap, stolen, closing, proper, online noun .card, tax., line, bank, company, union, number, .report, debt, reservation. verb give., get., take., use, deserve., .accept, pay, receive., claim., include
31112 | 0.94

## 1183 nine $m$

.year, .month, eight., .day, after, out, about., .ago, .old, .ten, .hour, seven, five, .o'clock
30383 | 0.97

## 1184 sleep $v$

noun night, bed, hour, day, baby, morning,
bedroom, wife, dog, husband, tent, dream, trouble.,
foot, .cot misc back, eat, .together, .soundly, better, drift.
in .room, .bedroom, .until, .weekend, .Sundays 32186 | 0.91 F

## 1185 investigation $n$

adj criminal, federal, ongoing, internal, independent, congressional, present, thorough noun police, department, result., murder, government, research, subject., justice, office, crime verb conduct, begin, continue, lead, launch., .reveal, complete, .determine, cooperate., focus
31405 | 0.93 S

## 1186 hope $n$

adj high, only, best, greatest, faint, renewed, dashed, vain noun .future, people, fear, glimmer., sense.,
.peace, faith, message., reason., sign. verb give., offer., hold., lose., raise, bring, express., pin. 30012 | 0.97

## 1187 announce $v$

noun .plan, president, company., government., decision, .intention, official., .retirement, department., result, Monday, administration., .candidacy, •resignation, agreement misc recently., yesterday, early, publicly, formally., officially. 30798 | 0.95 N

## 1188 by $r$

.now, go., .far, .no, .means, stand., come., .large, pass., .most, stop., walk., drop., .about 30207|0.96

1189 completely $r$
.different, almost., .out, change, cover, until., lose, understand, ignore, cool., agree, .forget, rack, . destroy
29825 | 0.98

## 1190 vote $v$

noun people., Republican, election, Democrat, right., candidate, house., Senate., Congress., percent, board., voter., .resolution, primary, .impeachment misc .for, .against, register., favor, likely., .unanimously
on .by, Congress, today, debate., actually., award down proposal, councile, Senate, .amendment, committee out committee, .article, incumbent 31969 | 0.91 S

noun study, research, survey, interview, test,
investigation, experiment, business, group
misc .by, . determine, similarr, recent., extensive
31930 | 0.91 A

## 1192 conflict $n$

adj ethnic, armed, potential, Arab-Israeli, internal, military, violent, civil, religious, direct noun .interest, resolution, role, family, management, situation, source., class., value verb resolve., avoid., .arise, create, end, lead, involve, cause, deal., .occur $32441 \mid 0.90 \mathrm{~A}$

1193 replace $v$
noun system, .one, window, worker, column., coach, equipment, machine, candidate., .receiver, fuel, unit, engine, .bulb, roof misc .by, .old, .traditional, repair, .current
30334 | 0.96

## 1194 attend $v$

noun .school, .college, .meeting, student., . university, .class, child., .conference, .church, .service, .event, .funeral, .session, .workshop, .ceremony misc high, .public, plan., .private, regularly
30648 | 0.95

## 1195 participant $n$

adj high, active, female, male, low, sexual, potential, likely, individual, significant noun study, method., group, number, program, sample, condition, research, table, data verb ask, .complete, indicate, include, .receive, .respond, select, require, assess, present 36167 | 0.8 A

## 1196 argument $n$

adj closing, strong, oral, legal, moral, compelling, persuasive, main, powerful, convincing noun court,

## 1304 apartment $n$

adj small, two-bedroom, one-bedroom, tiny, empty, high-rise, one-room noun .building, •complex,
.night, house, door, new, street, block, floor, window verb live., move., rent., leave., share, build, enter.
buy, .overlook, .smell
28453|0.92 F
1305 farm $n$
adj large, organic, collective, nearby, commercial, working, urban, abandoned, corporate, industrial noun family, .worker, animal, dairy., fish., .bill, tree. .subsidy, .boy verb live., buy., own, sell, raise, visit., operate, bet., plant, convert
27764 | 0.94

## 1306 flight $n$

adj long, commercial, short, direct, daily, connecting, manned, powered, cheap, canceled noun .attendant, airline., .stair, space., air, hour, plane, .deck, .crew, .path verb cancel, catch., fly, board., book., miss., arrive, climb., .land, check
$27453 \mid 0.95$

## 1307 shape $n$

adj good, bad, better, different, great, dark, simple, various, terrible, physical noun size, color, body, form, thing, variety., kind., tree, design, weight verb take., help., change., stay., cut, determine, bend., assume., fit, retain.
28083 | 0.93 M
1308 demand $n$ $\qquad$
adj growing, increased, increasing, strong, public, domestic, popular, global, physical, pent-up
noun supply, energy, consumer., market, price, oil, world, .product, growth, increase verb meet., create, reduce., place, satisfy., respond., rise, face, exceed, generate
28548 | 0.91 A

## 1309 strength $n$

adj physical, military, greatest, full, economic, inner, financial, muscular, individual noun eweakness, .training, muscle, .endurance, size, source., arm, courage, .character, speed verb give., gain., build., increase., draw., gather., regain., combine, possess, enhance
27335 | 0.95
1310 village $n$
adj small, little, remote, global, nearby, tiny, Olympic, entire, whole noun town, home, fishing., street, mountain, life, .voice, mile, resident, chief verb live, return., visit, destroy, surround, travel., arrive, attack, settle, flee
28249 | 0.92

## 1311 operate $v$

noun company., system, program, plant, facility, olevel, force., market, center, organization., store, vehicle, machine, principle, site misc .under, .within, continue., oindependently, eefficiently $27477 \mid 0.94$

## 1312 reporter $n$

adj investigative, unidentified, foreign, western, regional, veteran, female, top, consistent, fellow noun news, newspaper, new, editor, TV, question, post, television., court., camera verb tell., ask, talk, .cover, speak., •write, interview, •visit, answer, .travel
28429 | 0.91 N

## 1313 share $n$

adj fair, large, total, outstanding, disproportionate, foreign, equal, mutual, additional, growing noun market., cent., .price, company, percent, stock, lion., earnings., fund, option. verb sell, buy., hold., pay., own., increase, receive., gain., earn, .compare $29211 \mid 0.89 \mathrm{~N}$

## 1314 guard $n$

adj national, old, armed, senior, junior, left, red, private, rear, offensive noun security., coast., point., prison., .troop, border., .unit, air., .duty, honor. verb stand, shoot, kill, . protect, hire, . patrol, post, order, approach, surround 27846 | 0.93

## 1315 observe $v$

noun student, behavior, teacher, change, star, astronomer., .site, researcher., phenomenon, object, .session, telescope, condition, interaction, earth misc directly, closely, carefully, frequently, •record easily.
28656 | 0.90 A

## 1316 deliver $v$

noun message, speech, service, .baby, .news, address, .promise, food, lecture, .good, paper, mail, report, package, ability. misc able., fail., .directly, personally 26685 | 0.97

## 1317 count $v$

noun vote, .number, ballot, .money, second, .blessing minute, hour, census, sperm., machine, breath income, .sheep, voter misc .on, .among, .hundred
-lucky, •dozen, •heavily, accurately
26653|0.97

## 1318 inside $r$

go., out, .outside, back., door, step., turn, both.,
deep., once., stay., peer., trap., window
28237 | 0.91 F

## 1319 advantage $n$

adj competitive, great, full, big, political, comparative, unfair noun .opportunity, home., .disadvantage, people, technology, .situation, tax, cost, price, number verb take., offer., gain., provide, enjoy, seek., confer, press., outweigh, .accrue
27183|0.95

## 1320 wild $j$

noun animal, card, thing, man, horse, turkey,
mushroom, rice, bird, salmon, plant, place
misc run, grow, crazy, scenic, domestic, woolly,
edible, truly
27074|0.95

## 1321 previous $j$

noun year, study, research, experience, day, finding generation, month, night, result, work, week misc than, during, consistent, suggest, base, compare, indicate, support
27575 | 0.93 A

## 1322 average $j$

noun age, year, rate, price, person, cost, income, number, score, percent, fund, size misc than, annual, American, per, high, about, above
27643|0.93

## 1323 emerge $v$

noun pattern., theme., leader, picture., difference. figure, .data, consensus., form, evidence., .bankruptcy,

## 1432 quarter $n$

adj French, living, close, past, fiscal, cramped, private, final, Jewish, tight noun .century, year, percent, .mile, .dollar, .hour, earnings, revenue, •moon, .inch verb .end, cut., drop, account., cost., decline, peel., confine., toss, comprise.
25089 | 0.94 N

## 1433 review $n$

adj national, judicial, recent, favorable, institutional, environmental, comprehensive, independent, physical, extensive noun literature, book, board, law., $p$ process, article, new., research, peer., study verb write, conduct, read, publish, base., receive., conclude, approve, present, obtain
25633|0.92 A

## 1434 faith $n$

adj good, Christian, religious, Catholic, strong, bad, personal, blind noun people, community, family, church, leap., article., matter, practice, act., tradition verb keep., lose., put., place., share, restore., test, sustain, convert., justify
25859 | 0.91
1435 move $n$
adj smart, bold, right, wrong, recent, risky, wise, strategic, unusual, unprecedented noun career., .direction, family, kind., series., business, dance., surprise. verb make., watch., follow, plan., .protect, oppose, announce, repeat, criticize, signal
24517|0.96
1436 speed $n$
adj high, low, top, full, medium, average, maximum, breakneck noun •limit, mixer, •mph, •light, power, wind., .mile, sound, size, direction verb beat, increase, pick., move., run, reduce., set, travel., slow, fly 25662 | 0.91 M

## 1437 engage $v$

noun •activity, student, •behavior, .sex, •conversation, .kind, .discussion, .dialogue, individual., community, .debate, effort, •research, person., participant. misc .in, sexual, actively., likely., fully., directly 25515 | 0.92 A

1438 broad $j$
noun range, shoulder, spectrum, support, sense,
daylight, category, smile, term, area, definition, array misc across, cover, tall, flat, encompass, narrow, thick, deep
24965 | 0.94 A

## 1439 perspective $n$

adj different, historical, theoretical, broad, global, unique, cultural, critical, multiple, proper noun thing., student, life, time, woman, sense, experience, article, value, health verb put., provide, offer., keep., change, view, gain., share, represent, adopt
26056 | 0.90 A
1440 slightly $r$
.than, only., .different, .more, .less, .high, head., .large, bend, .low, until., forward
24660 | 0.95
1441 growing $j$
noun number, season, population, concern, body, demand, problem, interest, economy, market, pain, evidence misc fastest, among, rapidly, reflect, despite, economic, face, contribute
24788 | 0.94

1442 view $v$
noun other, American., teacher, participant., .context, society, object, behavior, •videotape, •video, lens, .suspicion, film, culture, scene misc .as, .themselves, tend., widely., generally., likely., .differently 25308 | 0.92 A

## 1443 function $n$

adj important, different, discriminant, primary, normal, cognitive, sexual, immune, specific, physical noun brain., form, structure., body, role., school, cell, lung., management verb perform, serve., improve, vary., fulfill., affect, attend., identify, relate, assess 26526 | 0.88 A

## 1444 construction $n$

adj new, social, cultural, commercial, residential, heavy, proposed, complex noun •worker, .site, •project, .company, building, .industry, road, design., material, cost verb begin, complete, finance., oversee., halt, supervise., fund., approve., slow
25041|0.93

## 1445 egg $n$

adj large, beaten, hard-boiled, fertilized, fried, raw, green, golden, hot, female noun •white, cup, •yolk, sugar, milk, nest., mixture, bowl, chicken, vanilla verb beat, lay., add., eat., whisk., hatch, stir, combine, remove, throw. 25378 | 0.92 M

1446 charge $v$
noun •murder, fee, .crime, price, critic•, company, police., .count, battery, agency., •assault, bank, prosecutor., interest, customer misc •with, arrest., highly., emotionally., politically. 24384|0.95

## 1447 wave $n$

adj new, tidal, gravitational, huge, light, recent, current, crashing, successive, gentle noun shock., radio., heat., sound., $f u t u r e, ~ w a t e r, ~ b r a i n \cdot, ~ c r i m e . ~$ verb ride., send., hit, break, .sweep, .crash, roll, create, catch., cause
24486|0.95
1448 female $j$
noun student, athlete, body, figure, voice, participant, character, role, member, coach, player, subject misc male, both, sexual, athletic, traditional, genital, mostly, predominantly 25627 | 0.91 A

## 1449 murder $n$

adj attempted, guilty, mass, first-degree, seconddegree, brutal, double, bloody noun .case, trial, charge, rape, •weapon, crime, $\cdot$ rate, degree, •victim, death verb commit, convict., accuse., solve., arrest., . occur, investigate., link., plead, connect. 25704 | 0.90 S

1450 tape $n$
adj audio, red, yellow, adhesive, scotch, electrical, magnetic, secret, measuring noun proofread., -recorder, duct., video., cassette•, •recording, masking•, broadcast, piece., .player verb play, listen., hear, watch., record, catch., roll, send, wrap, bind 24983 | 0.93 S

## 1451 burn $v$

noun fire., house, eye, fuel, body, candle., flag, light., .ground, sun, coal, .death, face, oil, .fat misc .off, hot, .away, badly, .alive

1562 tall $j$
noun foot, man, tree, building, woman, grass, glass, window, tale, order, guy, pine misc stand, as, thin, six, grow, five, black, slender
22967 | 0.91 F

## 1563 shut $v$

noun door, eye, mouth, window, plant, engine, operation, camera, gate, bedroom, factory, lid, drawer, trap, jaw. misc keep., .behind, .off, slam., open, pull., squeeze., snap., .tight, close, tightly
down government, plant, system, operation, engine, production, factory, airport, completely, reactor up oh., disten, please, .bitch 22809 | 0.92 F

1564 lots $p$
(lots of) .of, there., .people, .thing, park., .money, parking., .different, vacant., .fun, .stuff, drink., space, empty.
22009 | 0.95

## 1565 Indian $j$

noun tribe, people, woman, reservation, community, culture, government, art, nation, population $24753 \mid 0.84 \mathrm{~A}$

## 1566 respect $n$

adj due, great, mutual, tremendous, deep, utmost, proper, similar noun people, lot., .right, lack., dignity, other, love, trust, admiration, .authority verb show., pay., treat., earn., deserve, gain., command. 21627 | 0.96

adj democratic, professional, close, senior, longtime, academic, dear, conservative, esteemed, scientific noun friend, student, Republican., work, Senate, patient, institute, finding, client, respect. verb .report describe, .study, share, .discover, urge., .publish, discuss, . propose, remind.
$22430 \mid 0.93$

## 1568 writing $n$

adj creative, early, historical, critical, academic, popular, collaborative, selected, ancient, native noun student, process, reading, .skill, . program, letter, style, .wall, .desk, piece. verb read, teach, improve, influence, inspire, explore, emphasize, submit., .prompt, analyze 23148 | 0.90 A

## 1569 rain $n$

adj heavy, cold, light, tropical, pouring, driving, steady, freezing noun .forest, acid., wind, day, snow, inch., cloud, window, drop verb .fall, .stop, bring, .pour, wash, pelt, blow, listen•, pray., smell.
22349 | 0.93 F

## 1570 fast $r$

as, so., too., .enough, how., move., run., very., grow., happen., hold.
21909 | 0.95 F

## 1571 football $n$

adj pro, professional, American, Canadian, high-school, collegiate, intercollegiate noun .player, .team, .game, college., .coach, .league, field, school., basketball, baseball verb play., watch., win, throw., love, attend $23319 \mid 0.89 \mathrm{~N}$

## 1572 welcome $v$

noun .show, gentleman, .guest, .visitor, .opportunity, arm, •reader, newcomer, move, stranger, guideline.,
.arrival, initiative, hero, announcement misc good, .home, everybody, .both, please., everyone, open, warmly, pleased.
back break., .talk, .our, .everybody, .everyone 23536 | 0.88 S

## 1573 domestic $j$

noun violence, policy, product, issue, market, politics, problem, abuse, agenda, production, program, economy misc foreign, gross, international, political, economic, both, well, external, imported 22809 | 0.91 A

## 1574 pool $n$

adj large, indoor, deep, outdoor, shallow, potential, heated, common noun swimming., water, .table, .blood, gene., .hall, car., edge verb swim, play., shoot., lie., dive, overlook, jump, surround, climb, drain
$21700 \mid 0.95$

## 1575 literature $n$

adj American, English, scientific, recent, current, professional, modern, existing, medical noun review, child., art, study, history, research, body., language, science, music verb .suggest, read, report., teach, describe, .indicate, .reveal, discuss, base, examine
$24290 \mid 0.85 \mathrm{~A}$
1576 extra $j$
noun time, money, hour, point, cost, pound, mile, weight, effort, work, credit, cash misc give, need, pay, little, add, few, provide
21807| 0.94 M

## 1577 northern $j$,

noun alliance, state, hemisphere, city, part,
region, university, area, town, border, light,
coast misc southern, central, across, along, near, western, eastern, Kurdish 22084 | 0.93

## 1578 desire $n$

adj sexual, strong, natural, burning, male, female, intense, overwhelming, genuine, sincere noun need object., man, woman, heart., .change, expression., feeling, .revenge, lack. verb express., reflect., motivate., satisfy., drive, share, indicate., .avoid, .maintain, act
$22213 \mid 0.92 \mathrm{~A}$

## 1579 direct $v$

noun attention, film, effort, movie, program, question, research, .traffic, project, energy, policy, production, activity, anger, action misc .by, .toward, .against, .towards, specifically
21474 | 0.96

## 1580 fight $n$

adj big, tough, legal, bitter, fair, involved, huge, uphill, civil noun .terrorism, food., scene, street, title., .AIDS, .cancer, .song verb lead., win, pick., break, lose, continue, join•, end, wage, .ensue
$21340 \mid 0.96$

## 1581 corporate $j$

noun executive, tax, culture, profit, world, sponsor, headquarters, governance, interest, manager, client, office misc vice, private, financial, top, global, individual, environmental, senior, average 22374 | 0.92 N

## 1694 train $n$

adj high-speed, electric, runaway, elevated, express, moving, oncoming noun .station, car, track, freight., .wreck, .thought, commuter., •ride verb take, run, stop, .pull, .move, board., catch., travel, arrive, wait
20258 | 0.94 F
1695 brown $j$
noun hair, eye, sugar, paper, rice, bag, skin, dwarf, face, trout, leather, bear misc until, dark, golden, light, black, white, turn, wear
20699 | 0.92 F
1696 basically $r$
.same, .conservative, .sort, •unchanged, bunch, .decent, .harmless, .identical, intact, .irrelevant, .lazy
21463 | 0.88 S

## 1697 last $v$

noun •year, •day, $\cdot$ hour, •month, .minute, •week, .lifetime, marriage., war., period, .decade, session., trial., interview., relationship. misc long, will., than, only, •about, •until, •forever
19548 | 0.97
1698 average $n$
adj national, industrial, grade-point, annual, long-term, daily, weighted noun percent, year, point, grade., batting., hour, state., score, month, industry. verb spend, compare, earn., pay., rise, fall, cost, drop, increase., receive
20567|0.92
1699 ring $n$

adj key, outer, concentric, polar, golden, inner, nice,
familiar, dark noun phone., wedding., finger, diamond., engagement., gold., bell verb wear., answer, form, remove., enter., surround, place, slip, step., blow.
20264 | 0.93 F

## 1700 mark v

noun .anniversary, year, .end, .beginning, . point, .spot, line, event, .change, .boundary, start, moment, . location, sign, calendar misc .by, first, .turning, clearly., significant
out path, boundary, territory, line, place off space, area, boundary up .price, .bill, .cost
19703|0.96

## 1701 locate $v$

noun area, city, town, community, source, .street, building, county, island, object, .target, gene, .origin, .prey, .relative misc .near, .within, .outside, centrally., able, conveniently., unable.
20170 | 0.94 A

## 1702 search $n$

adj desperate, thorough, extensive, quick, frantic, massive, nationwide, house-to-house, intrusive noun .result, .engine, .warrant, job., .truth, Internet., .team, talent., .committee verb modify., begin, conduct, .narrow, continue, launch., obtain., execute, .reveal, complete
20867 | 0.91

## 1703 largely $r$

.because, remain., .ignore, base, due, result, .responsible, depend., .determine, thanks, .unknown
20452 | 0.92 A

1704 possibly $r$
can., how., .even, quite., everything., imagine, except., .due, .dangerous, thousand, hundred, soon, .illegal, .greatest
19355 | 0.97

## 1705 anymore $r$

do, not., want, talk., anything., care., around., nothing., nobody., matter., exist., hardly., worry., bother.
20087 | 0.94 F

## 1706 generate $v$

noun revenue, electricity, power, heat, interest, energy, income, idea, money, job, business, information, force, field, ability. misc .more, .million, enough, economic, .additional, .significant 20596 | 0.91 A

## 1707 regional $j$

noun center, office, director, power, government, development, level, security, cooperation, conflict, company, organization misc local, national, global, economic, international, such, base, environmental 21475 | 0.88 A

## 1708 obvious $j$

noun reason, question, answer, way, problem, thing, difference, choice, example, fact, sign, solution misc most, become, seem, less, pretty, despite, quite 19452 | 0.97

## 1709 angry $j$

noun man, voice, woman, face, letter, mob, parent, crowd, word, voter, response, look misc get, very, feel, frustrate, sad, sometimes, sound, frustrated 19908 | 0.94 F

## 1710 analyst $n$

adj political, senior, military, financial, legal, retail, western, foreign, Chinese, top noun industry., news., policy., security, research, stock, company, intelligence. verb .believe, .predict, .estimate, .agree, . project, .forecast, .doubt, .cite, .blame, .attribute
21212 | 0.89 N

## 1711 accident $n$

adj fatal, serious, tragic, terrible, involved, nuclear, freak, unfortunate noun car., traffic., automobile., auto., scene, victim, rate, month, investigation, motorcycle. verb .happen, kill, die., cause, .occur, .involve, injure, prevent., investigate., suffer 19511 | 0.96

## 1712 trend $n$

adj current, recent, growing, general, economic, long-term, social, significant, major, downward noun year, population, industry, dine, analysis, fashion, change, development, use, rate verb continue, reverse., follow., reflect, identify, indicate, buck., eemerge, accelerate
20395 | 0.92 A

## 1713 like $j$

noun family, mind, manner, heaven, magic, chocolate, paradise misc feel, sound, it, what, taste, know, more, imagine, hey, wow, oh, rather
19781 | 0.95 S

## 1714 appearance $n$

adj physical, public, personal, outward, sudden, recent, rare, brief, final noun court., television, TV,

1812 late $r$
as, .night, too., .last, •year, .afternoon, stay., day, untile, work., in., arrive., .week
18305|0.96
1813 frequently $r$
more., most., use, less., occur, stir., .cite, mention,
appear, .used
19160 | 0.92 A

## 1814 blame $v$

noun problem, .victim, government, death, other, media, official, Congress, .failure, Republican, Democrat, llack, .loss, attack, critic misc .her, .him, themselves, .everything
18312 | 0.96

## 1815 sheet $n$

adj white, clean, thin, prepared, single, top, blank, baking, folded, soft noun .paper, balance., cookie., ice, .music, .metal verb place, cover, pull, lay, wrap, remove., line, cut, contain, lie
18891 | 0.93

## 1816 estimate $v$

noun •percent, year, .number, official., study.,
model, earnings, expert., rate, value, analyst., size, department., loss, researcher. misc .million, cost, .about, .billion, total, .approximately 19041 | 0.92 A

## 1817 relief $n$

adj great, humanitarian, international, comic, federal, temporary, welcome, sharp noun tax., sigh., .effort, .worker, pain, .agency, disaster. verb provide., feel, breathe., bring., seek., offer., express., .flood, .wash, organize


1818 combination $n$
adj different, various, possible, right, unique, rare, unusual, perfect, powerful, strange noun .factor, drug, color, .therapy, variable, .lock, method, speed, .element, characteristic verb use., offer., involve., result, contain., test, consist, employ., mix 18592 | 0.94 A

## 1819 investor $n$

adj foreign, individual, institutional, small, private, potential, real, long-term, financial, average noun stock, fund, group, .confidence, share, bond, value, interest, investment, estate. verb .buy, sell, attract., own, seek, protect., recommend., advise., close., scare.
20674 | 0.85 M N

## 1820 due $i$

(due to) .to, may., .fact, .lack, high, change, difference, part., loss, effect, largely., partly., increase, low
19540 | 0.89 A

## 1821 silence $n$

adj long, awkward, stunned, dead, uncomfortable, sudden, total, complete, eerie, deafening noun moment, minute, sound, code., second, wall., conspiracy verb break, sito, follow, fall, fill, stand., walk., listen, eat., drive. 19621 | 0.89 F

1822 manner $n$
adj good, similar, timely, consistent, bad, appropriate, efficient, following, professional,
traditional noun table., bedside., .death, style, speech, comedy., custom verb .speak, act., teach., behave., respond., mind., proceed., address, dress, handle 18618 | 0.94 A

## 1823 muscle $n$

adj abdominal, strong, low, smooth, skeletal, lean, tight, pulled, increased, taut noun .group, back, bone, body, heart, strength, .mass, tissue, arm, .cell verb use, build., flex., relax, help, stretch, move, strengthen., cause, contract
20417 | 0.85 M

## 1824 branch $n$

adj legislative, broken, olive, judicial, local, military, dead, bare, various, green noun executive., tree, .government, bank, .office, library, spring., .manager verb open, hang, cut, close, remove, snap, bend, swing, establish., extend

## 18239 | 0.96

## 1825 chain $n$

adj large, big, key, retail, fast-food, major, heavy, complex, golden, nuclear noun food., store, .command, .reaction, link, gold., restaurant, supply., .event verb break, set, pull, hang, wear., own, form, attach, bind, dangle
18272 | 0.95

## 1826 long $c$

(as long as) as, for., stay, keep, .remember, live, remain, continue, last, fine., month, hour, alive, care 17843 | 0.98

## 1827 telephone $n \square$

adj cellular, local, long-distance, mobile, regular, unlisted, cordless, standard noun .number, .company, . interview, "line, .service, .conversation, .pole verb .call, use., .ring, talk, answer., pick., speak., receive., return., disconnect 18398 | 0.95

## 1828 investigate $v$

noun study., case, police., research., .effect, committee., commission., .relationship, department, .allegation, researcher., .crime, issue, .complaint, .matter misc .whether, far, begin., .possible, thoroughly, independent., fully 18608 | 0.93 A

## 1829 German $j$

noun government, shepherd, army, company, chancellor, soldier, troop, state, unification, force, society, Jew
19061 | 0.91 A

## 1830 percentage $n$

adj high, small, large, low, total, great, daily, certain, significant, winning noun .point, .student, table,. population, . people, time, .woman, rate, increase, .respondent verb show., report, win., represent., indicate, spend, express., decline, reflect, .range 19099 | 0.91 A

## 1831 outcome $n$

adj positive, negative, possible, important, successful, desired, likely, final, better, academic noun student, .measure, .variable, health., election, learning., treatment, program, performance, result verb affect., determine, predict., influence., achieve, produce. improve., lead., report, depend 20363 | 0.85 A

## 1940 rest $v$

noun hand, head, arm, eye, minute, . peace, chin, back, elbow, .second, table, side, body, soul, floor misc .against, put., .upon, .assured
up while, before, week., need., .tomorrow 17411 | 0.94 F

1941 hero $n$
adj national, local, unsung, super, tragic, unlikely, greatest, romantic, genuine, revolutionary noun war, action., sport., folk., .heroine, role, .journey, .worship, status verb become., honor, haile, celebrate, welcome, regard., rescue, depict., cheer., .stride
16967 | 0.96
1942 bomb $n$
adj atomic, nuclear, dirty, smart, homemade, terrorist, German, British, guided, thermonuclear noun car., time., roadside., .attack, .threat, atom., hydrogen. verb drop, .explode, kill, use, build., .fall, detonate, plant, set, hit
17461 | 0.93 S

## 1943 below $i$

just., .level, .surface, .average, well., .line, fall., foot., far., .poverty, above., percent., price, rate
17037 | 0.95
1944 rating $n$
adj high, low, mean, overall, favorable, negative, significant, top, individual, sexual noun approval. star, .scale, teacher., percent, .system, credit., TV, president., parent verb base, receive., determine., indicate, compare, average., assign, .drop, earn., peer.
18241|0.89 A
1945 busy $j$
noun day, street, schedule, life, man, work, week, night, season, road, weekend, intersection misc too, keep, so, very, stay, pretty, extremely, working
16991 | 0.96

## 1946 cite $v$

noun example, study, reason, case, report, evidence, source, article, .concern, court, official., research, .lack, author, figure misc .as, often., frequently., .above, among, widely.
17602 | 0.92 A

## 1947 corporation $n$

adj major, big, multinational, American, international, private, public, federal, nonprofit, giant noun government, development., business, broadcasting, individual, tax, service, insurance., money, trust. verb own, . pay, control, operate, form, benefit, .invest, sue, acquire, .announce $17680 \mid 0.92$

## 1948 representative $n$

adj elected, local, national, democratic, congressional, special, various, federal, official, sole noun house. state, US., trade., industry, senator, group, sales. service. verb meet, include., send., elect, .vote, pass, serve, attend, contact., act
17245|0.94

## 1949 everywhere $r$

there, look, .else, seem, almost., blood., fly., sign., everything, eexcept, note., nowhere, scatter., available. 16825 | 0.96

1950 soil $n$
adj organic, rich, fertile, moist, poor, well-drained foreign noun water, erosion, plant, surface, moisture, .conservation, nutrient, .sample, .scientist, type verb grow, improve, cover, reduce, .contain, increase, till, enrich, .dry, fill
18942 | 0.86 M A

## 1951 highway $n$

adj national, interstate, federal, main, two-lane, busy, four-lane, coastal noun .safety, road, .traffic, state. .administration, .system, .patrol, car, mile, side. verb drive, build, head, cross, travel, connect, hit. block, roll, , link
17290|0.94 N
1952 frame $n$
adj wooden, single, cold, internal, main, lanky, slight noun time., .reference, .mind, door., window. picture., aluminum, .house verb build, enter., fill., freeze., hang, fit, lean., exit., feature, extend 18616 | 0.87 M

## 1953 stretch $v$

noun arm, leg, hand, .mile, muscle, back, line, . limit, neck, body, bed, minute, field, exercise, floor misc .across, .far, .over, .thin, long, .before, .toward, .beyond
out his, her, arm, .hand, leg, long, .before 7420 | 0.93 F

1954 oppose $v$
noun •war, group., .abortion, government, president, .bill, .plan, Republican, .idea, policy, right, Democrat. .tax, party, administration misc to, .any, strongly. adamantly., vigorously.
17311 | 0.93

## 1955 Catholic j

noun church, school, bishop, priest, university, teaching, faith, tradition, charity, community, theology, family
19014 | 0.85

## 1956 cloud $n$

adj dark, white, black, low, thick, gray, red, huge, heavy, molecular noun dust, sky, .smoke, gas, storm. rain, .cover, mushroom., light verb move, form, rise, .hang, •gather, break, watch., drift, .roll, blow 17792 | 0.91 F

## 1957 initial $j$

noun offering, stage, reaction, investment, study, response, phase, cost, report, step, result, analysis misc after, during, public, follow, despite, beyond minimum
17637 | 0.91 A

## 1958 variable $n$

adj dependent, independent, other, demographic, significant, social, dummy, continuous, key, environmental noun study, analysis, predictor., .table, outcome., number, control., result, criterion. set. verb include, relate, measure, examine, affect, identify, explain, determine 20585 | 0.78 A

## 1959 essential $j$

noun part, element, component, oil, service, ingredient, skill, acid, role, information, feature, nature misc absolutely, provide, consider, understand, human, fatty, successful
17651 | 0.91 A

## 2070 athlete $n$

adj female, high, professional, male, young, Olympic great, black, best, competitive noun sport, coach, student, school, college, team, elite., woman, study, level verb .compete, indicate, .participate, train, .receive, .perform, identify, examine, influence., reveal 21786 | 0.69 A

## 2071 convince $v$

noun .people, .jury, .public, .voter, •American, .judge, .Congress, official, evidence, doctor, administration, campaign., .juror, .reader, argument misc try., .myself, .himself, able.
15555 | 0.97

## 2072 alternative $n$

adj other, only, viable, traditional, better, best, attractive, effective, cheap, healthy noun program, policy, education, energy, treatment, response., transportation., .violence, . .prison verb offer., provide., consider, suggest, develop., choose, present, propose, .exist, discuss
16159 | 0.93 A

## 2073 pepper $n$

adj red, black, green, hot, white, cracked, grilled, stuffed, Italian, tender noun salt., teaspoon, bell., cup, onion, ground., garlic, cayenne, sauce, tablespoon verb .taste, add, chop, dice, sprinkle, roast, crush., grind., peel, drain
17923 | 0.84 M N

## 2074 cream $n$

adj sour, whipped, heavy, light, cold, shaving, whipping noun ice., cup, .cheese, vanilla, butter, chocolate, sugar, tablespoon, sauce, milk verb whip., add, serve, eat., beat, stir, shave., .soften, fill, melt 16688 | 0.90 M

## 2075 land $v$



noun .job, plane, .airport, helicopter, .role, troop, .Mars, fish, aircraft, floor, .contract, .jail, flight., ball, ground misc .on, before., .near, .safely, fly., .softly, crash 15787| 0.95

## 2076 technical $j$

noun assistance, support, skill, problem, information, difficulty, college, expertise, school, training, issue, term misc provide, scientific, financial, economic, require, highly, professional, legal
16572 | 0.91 A

## 2077 square $n$

adj public, central, main, downtown, ordinary, tiny, mean, wide, gray, framing noun time., .garden, town., city, market., street, red., park, center, village. verb cut., fill, place, form, gather., overlook., cross., surround, locate, frame
15750 | 0.95

## 2078 plenty $p$

(plenty of) .of, there., .time, .room, still., leave, .water, .money, .opportunity, sure., offer., .space, food, drink. 15886 | 0.94 M

## 2079 behind $r$

leave., from., far., fall., stay., close., child., lag., follow., remain., trail., grab., step., .payment
15824 | 0.95 F

## 2080 invest $v$

noun money, company, fund, .stock, dollar, business, capital, .technology, energy, ffuture, amount, resource,
firm, .education, saving misc .million, .heavily, much, billion, mutual, willing., save., fully., private, .wisely 16521 | 0.91 M

## 2081 mind $v$

noun .business, •asking, .store, •manner, joke, .saying, .cold misc do., you, never., if, come., bring., .own, seem., immediately., spring., nobody. 16021 | 0.93 F

## 2082 potential $n$

adj great, full, human, economic, enormous, greatest, tremendous, future, commercial, significant noun growth, .conflict, development, technology, market, energy, profit, .abuse, •violence, .success verb realize., reach., develop, recognize., offer., create, reduce, increase, .exist, maximize. 16267 | 0.92 A

## 2083 regard $v$

noun American., .suspicion, expert, .threat, critic, being, .expression, skepticism, observer., colleague, scholar, historian, .symbol, .hero, tendency. misc .as, highly., widely., generally., themselves, tend. 15856 | 0.94 A

## 2084 intervention $n$

adj military, early, effective, divine, direct, human, medical, humanitarian, surgical, foreign noun .program, government., group, . strategy, state, US., child, prevention, effect, assessment. verb design, require, implement, develop, support, suggest, focus, .reduce, target, .address

## 18820 l 0.79 A <br> 2085 illegal

noun drug, immigration, alien, activity, use, abortion, law, worker, act, trade, border, weapon misc legal,
nothing, anything, hire, declare, engage, immoral, immigrant

## 15912 | 0.94

## 2086 lower v

noun .rate, head, .voice, .cost, .price, .level, eye, .risk, tax, .cholesterol, . pressure, .interest, .standard, hand, .temperature misc •your, raise., slowly, .himself, .onto, .until
15816 | 0.94

## 2087 compete $v$

noun team, company, athlete., player, game,
.attention, chance., firm, economy, •marketplace, .space, .championship, .tournament, competition, .prize misc .with, .against, .each, .other, able., must., allow., successfully
15941 | 0.93 N

## 2088 talent $n$

adj great, young, special, musical, artistic, natural, top, local, raw noun .development, ability, .show, pool .search, lot., .scout, interest, .agency verb develop, recognize, discover., display., possess, attract., lack., hide, acquire, encourage
16183 | 0.92

## 2089 guilty $j$

noun jury, charge, murder, plea, verdict, crime, defendant, party, court, pleasure, manslaughter, fraud misc not, plead, feel, find, innocent, until, proven, on-line 16221 | 0.91 S

## 2090 living $j$

noun thing, condition, space, room, quarter, will, area, organism, creature, expense misc every, dead,

## 2197 tension $n$

adj racial, high, ethnic, social, sexual, growing, inherent, constant, religious, creative noun muscle, source., lot., conflict, surface., stress, level, .headache verb create, feel, ease, reduce., cause, rise, increase, build, relieve., .exist
14566 | 0.94 A

## 2198 chapter $n$

adj new, local, final, late, entire, short, concluding, sad, regional noun book, .history, .bankruptcy, .protection, .verse, state, society, club, opening., title verb write, read., file., include, devote, open, .entitle, close, present, summarize
$15171 \mid 0.91$ A

## 2199 bother $v$

noun thing., conscience, injury, .folk, fly, cold., headache., makeup, .knocking, arthritis, .answering misc do., $\mathrm{m}^{2}$, why., even., never., really., seem. 14643 | 0.94 F

## 2200 curriculum $n$

adj national, general, academic, regular, integrated, existing, hidden noun school, education., student, .development, teacher, study, core., music, part., art verb develop, teach, include, design, integrate., focus, implement, emphasize, plan, support
17881 | 0.77 A

## 2201 consist $v$

noun group., .item, sample., .student, system., study. part, team., scale., program., series, set, participant, section, subject misc .of, .mostly, . primarily, .mainly, largely
15440 | 0.89 A
2202 immigrant $n$
adj illegal, new, legal, Mexican, recent,
undocumented, European, American, Russian,
German noun child, number., group, wave., nation, influx., generation, citizen, worker, benefit verb arrive, .live, settle, .enter, hire., .seek, deny, welcome.
deport, absorb.
16336 | 0.84 A

## 2203 enable $v$

noun .student, system., technology., program. teacher, .user, information, .researcher, skill., software., individual, process., development, .scientist, tool. misc will., .us, develop, design., thus. $15117 \mid 0.91 \mathrm{~A}$

## 2204 faculty $n$

adj part-time, full-time, academic, senior, junior, tenured, diverse, mental, elementary, essential noun •member, student, university, college, .staff, community, administrator, school, education, program verb teach, join., hire, involve, encourage, participate, evaluate, engage, recruit, conduct
18307 | 0.75 A

## 2205 steel $n$

adj stainless, heavy, cold, structural, galvanized, corrugated, welded noun .mill, .industry, .door, iron., glass, aluminum, US., frame, concrete, .plate verb produce, reinforce, protect, bend, replace, attach, construct, feature., cast, surround
14797 | 0.93 M

## 2206 desert $n$

adj high, vast, dry, Saudi, hot, open, empty
noun .storm, operation., shield, mountain, island,
sand, night, middle., .floor, .sun verb drive., cross., wander., rise, surround, survive, stretch, strand. bloom
14610|0.94

## 2207 asset $n$

adj net, valuable, real, greatest, personal, foreign, military, economic, current, natural noun fund, value, .management, company, stock, .allocation verb sell, freeze, buy., protect., manage, seize, acquire, hide., exceed, .total
15403|0.89

## 2208 slow $v$

noun growth, economy, rate, pace, car, .process, heart, breathing, progress, development, • progression, population misc .stop, economic, speed, .bit, .considerably, dramatically, significantly, eventually
down economy, stop, .process, even, start, growth, sign.
14319|0.95

## 2209 housing $n$

adj public, affordable, new, urban, federal, low-income, fair, permanent, subsidized noun .development, .project, .market, .authority, unit, city, program, job, .complex, community verb build, provide, live., construct, afford, subsidize, improve
$14840 \mid 0.92 \mathrm{~N}$

## 2210 transform $v$

noun life, world, society, process, experience, .economy, landscape, image, space, energy, technology., culture, industry, , relationship, nature misc .into, .itself, .themselves, radically., human, completely., gradually., cultural
14609|0.93 A

## 2211 regarding

information., question., issue, decision., policy., .use, student, concern., provide., teacher, data., research., knowledge, finding.
$15672 \mid 0.87$ A

## 2212 perceive $v$

noun student, teacher, .threat, individual., other, ability, parent, athlete., risk, participant., need, level, public, relationship, role misc .as, .themselves, may., social, often.
15677 | 0.87 A

## 2213 depression $n$

adj great, major, clinical, severe, economic, deep, manic, tropical, mental noun anxiety, symptom, disorder, level, war, stress, postpartum., .score, treatment., risk. verb suffer., treat., cause, experience, associate, relate, predict., indicate, affect, result
15349 | 0.89 A

## 2214 inform $v$

noun public, student, parent, .decision, patient, .reader, policy, participant, research, teacher, consumer, Congress, .risk, agency, theory misc .about, keep. fully., fail., regret., properly., adequately. 14424 | 0.95 A

## 2215 formal $j$

noun education, training, room, program, structure, garden, system, dining, process, schooling, rule, complaint misc no, more, informal, less, without, receive, file, legal
14977|0.91 A

## 2334 concentrate $v$

noun effort, .area, power, work, attention, mind, .task, ability., •region, population•, production, thought inability., .painting, wealth misc .on, try., instead, hard, tend., able., highly., heavily 13310 | 0.96

## 2335 accomplish $v$

noun .goal, mission, thing, .task, .objective, feat, work, . purpose, .aim, method, learning, function, tool., achievement, sanction misc can., .through, .something, try., .anything, able., hope., order., easily
13404 | 0.95

## 2336 previously $r$

than., .report, mention, .unknown, describe, note United States, discuss, . publish, identify, . serve, material
13937 | 0.92 A

## 2337 symbol $n$

adj religious, national, powerful, cultural, potent, visible, universal, ultimate, very, key noun ticker., status., sex., system, sign, set, flag, culture, .hope, peace verb become., use, represent, .transcribe, serve., remain., recognize, display, interpret., employ 13701 | 0.93 A

## 2338 bureau $n$

adj federal, Indian, national, central, assistant, statistical, Australian noun census., .chief, US., statistics, . investigation, new, visitor., .land, .management .labor verb .report, contact., establish, .estimate head., .welcome, cite, oversee, administer., .project 13678 | 0.93

## 2339 laboratory $n$

adji national, clinical, marine, biological, scientific educational, industrial, living, planetary, academic noun research., study, .test, .experiment, propulsion. jet., science, .animal, scientist, school verb conduct, produce, perform, establish, analyze, measure, design, demonstrate, confirm, investigate $14305 \mid 0.89 \mathrm{~A}$

## 2340 attach $v$

noun importance, wire, end, side, cable, body, .wall, meaning, line, condition, back, rope, arm, significance, piece misc still., themselves,
emotionally., firmly, securely.
13460 | 0.95 M

## 2341 fundamental $j$

noun change, right, question, problem, principle, issue, difference, value, nature, skill, law, shift misc most, more, between, human, basic, economic, raise, address
14131 | 0.90 A

## 2342 whenever $r$

.possible, .want, .feel, wherever, .someone, ready, visit, .anyone, occur, .choose, avoid., •mention, .wish, whatever.
13320 | 0.96

## 2343 arrangement $n$

adj new, living, institutional, political, social, floral, economic, cooperative, complex, contractual noun security., flower, funeral., kind., business., seating., travel. verb make, .allow, create, involve, discuss., negotiate, enter., establish, handle, accept. 13558 | 0.94 A

## 2344 investigator $n$

adj private, federal, principal, chief, criminal, senior, medical, independent, primary, British noun police. evidence, department, government., team., report, information, research, lawyer, homicide. verb tell, .find, .believe, hire, lead, .determine, .conclude, .examine, .discover, send.
13778 | 0.92

## 2345 mark $n$

adj high, German, high-water, low, top, indelible, short, distinguishing, blue, dark noun question., quotation., face, punctuation., stretch. verb say, make, leave., give, .shield, hit., miss., set, receive., bear.
13373 | 0.95

## 2346 another $p$

one, yet., .person, .reason, .example, .minute, month .hour, .factor, •round, .option, •edition, •aspect $13310 \mid 0.96$

## 2347 shock $n$

adj electric, initial, total, economic, sudden, electrical, complete, septic noun .wave, state., culture., oil. .absorber, .therapy, .treatment, .value verb send. absorb., cause, stare., .wear, receive., express. experience., react., recall
13452 | 0.94

## 2348 adjust $v$

noun eye., .inflation, .seasoning, rate, .position, body, taste., .height, control, mirror, .glass, .heat, color, temperature, setting misc .accordingly, must., quickly, automatically.
13387| 0.95

## 2349 employer $n$

adj large, private, prospective, potential, current, previous, willing, medical, legal, future noun employee, worker, insurance, plan, .mandate, health, company, contribution, benefit, .sanction verb .pay, require, .hire, •provide, offer, allow, sue., .match, force, .contribute
13745 | 0.92

## 2350 visible $j$

noun light, eye, sign, star, world, window, part, wavelength, surface, spectrum, sky, presence misc most, more, become, no, highly, through, barely, clearly
13665 | 0.93

## 2351 pass $n$

adj free, short, single, perfect, incomplete, backstage, light, deep, narrow, forward noun touchdown. mountain., day, .rush, .rusher, season, .defense, play, run verb catch., throw., complete., require, let. intercept., drop, cross, .fail, allow 14195 | 0.89 N

## 2352 priest $n$

adj Catholic, high, Jesuit, Episcopal, local, religious, orthodox, abusive, Anglican, active noun parish, church, bishop, woman, father, abuse, minister, number., shortage verb become., ordain., .accuse, marry, .molest, perform, bless, remove, confess, pray 13996 | 0.91

## 2353 volunteer $n$

adj local, healthy, active, trained, medical, male, unpaid, willing, female, global noun .work, group, program, community, student, organization, corps,

## 2462 toss $v$

noun salad, head, bowl., .ball, mixture, pasta, bag, .hair, pepper., coin, oil, •air, paper, vegetable, ingredient misc .into, •out, •back, •aside, •coat, over, .onto, .away, gently
13104 | 0.91 F

## 2463 publication $n$

adj other, recent, original, available, scientific, major, official, numerous, scholarly, various noun book, year, article, trade., journal, research, magazine, date number, editor verb include, write, accept., follow, consider., submit., consult., produce, receive, cease. 13124 | 0.91 A

## 2464 nearby $j$

noun town, school, village, star, park, city, tree, table, building, hospital, area, island misc where, visit, locate, relatively, elementary, lots, distant, rural 12703 | 0.94

## 2465 consideration $n$

adj important, other, political, serious, economic, special, careful, social, major, financial noun factor, policy, cost, security, design, decision, health, interest, .role, race verb take., give, require., base., deserve., include, receive., suggest, involve, withdraw. 13262 | 0.90 A

## 2466 rather $c$

(rather than) .than, one, individual, focus, •later, sooner., .simply, rule, rely, specific, exception, .risk 12598 | 0.95 A

## 2467 holy $j$

noun spirit, land, grail, war, place, church, cross, city,
day, man, shit, site misc Muslim, Roman, Christian, Islamic, Catholic, Shiite, Jewish, sacred 12949|0.92

## 2468 enterprise $n$

adj free, private, black, small, commercial, large, whole, criminal, human, entire noun business, .system, .zone, company, resource, development, scholar., starship., •planning, firm verb create, own, state., operate, promote, privatize, establish, manage, engage, launch
12933|0.92 A

## 2469 due $j$

noun process, respect, date, course, time, diligence credit, month, tax, payment, clause, baby misc all, in, part, next, lack, large, before, without
12315|0.96
2470 inner $j$
noun city, circle, life, ear, working, tube, self, voice, thigh, system, strength, door misc outer, own, solar, reveal, spiritual, touch, explore, rural
12571 | 0.94

## 2471 watch $n$

adj close, digital, expensive, Swiss, terrorist, careful, constant noun pocket, gold., .list, night., neighborhood., wrist, group, •minute, hour, •program verb look., keep., check., glance., stand., wear•, set, turn, work, consult.
12888 | 0.92 F

## 2472 Indian $n$

adj American, native, wild, Cherokee, hostile, ancient tribal, Sioux, Hopi, drunken noun plain., group, tribe, cowboy., Pueblo., number., mission verb dive,
.remain, trade, attack, claim, convert, portray, inhabit, .occupy, •lack
13874 | 0.86 A

## 2473 pray $v$

noun .God, night, prayer, father, church, . peace, knee. Jesus, .miracle, .rain, .soul, hour, Muslim., mosque, Christian. misc .for, hope, together, .hard, sing, kneel., silently 12696 | 0.93 F

## 2474 creek $n$

adj clear, dry, deep, nearby, narrow, muddy, tidal, frozen noun rock., park, river, road, water, mill., willow., spring, trail, .bed verb cross., flow, feed, visit, wind, overlook., hike, splash, swim•, border 13410 | 0.88 N

## 2475 supply $v$

noun water, information, food, company, power, energy, . percent, oil, data, service, material, contract, electricity, .answer, plant misc .by, demand, enough, local, necessary, natural, •missing 12505|0.95

## 2476 boot $n$

adj black, rubber, red, knee-high, brown, muddy, blue, stiff, left, wet noun .camp, cowboy., pair., leather., ski, heel, work., toe, coat, jacket verb wear., put, pull., fit, kick, buy, lace, remove., crunch, ride.
13793 | 0.86 F M

## 2477 whisper $v$

noun .ear, voice, word, .name, mother, girl, boy, breath, prayer, wind, secret, sister, mom, mouth, dad misc .something, lean., hear., over, softly, smile, .urgently, .hoarsely, stare
14002 | 0.84 F

## 2478 resist $v$

noun .temptation, .urge, .pressure, .effort, .change, .attempt, .arrest, .impulse, .disease, .pull, .occupation, .desire, tendency, .proposal, . peer misc can., hard. able., long, unable., first, continue., initially. 12383|0.95

## 2479 journey $n$

adj long, spiritual, personal, difficult, arduous, final, incredible, safe noun end, life, night, leg., hero., train, step., return., mile, faith verb make., begin, start, continue, embark., complete., resume., .last, progress, .span
12316|0.96

## 2480 flag $n$

adj American, red, white, national, yellow, green, blue, checkered, waving noun Confederate, state, battle., .football, symbol, .pole, allegiance., prayer., .pin, .imagery verb fly, wave, raise., burn, carry., hang, plant, drape, flutter, wrap. 12486 | 0.95

## 2481 disorder $n$

adj mental, bipolar, other, psychiatric, genetic, neurological, obsessive-compulsive, rare, affective, statistical noun eating., personality., attention., deficit., stress., anxiety., child, sleep. verb suffer. treat., cause, diagnose., develop, .affect, associate, prevent, relate, identify
13466 | 0.88 A

## 2482 designer $n$

adj interior, graphic, young, industrial, chief, floral, leading, expensive, professional, European

## 2590 effectively $r$

more., use, work., most., deal, communicate
function., manage, ability., able., teach, efficiently
12264 | 0.91 A

## 2591 fast $j$

noun food, track, lane, fact, car, pace, break, restaurant, friend, start, growth, speed misc too, real, furious, slow, hard, eat, easy, drive
11754 | 0.95

## 2592 schedule $v$

noun meeting, day, hearing, election., week, trial, month, .appointment, .release, event, •may, hour, class, launch, fall misc .begin, originally., .later, tentativelyo, .early
$12002 \mid 0.93 \mathrm{~N}$

## 2593 buck $n$

adj big, young, mature, extra, quick, fast, dominant, eight-point, almighty noun couple., thousand., bang., deer, .hour, .month, trophy., season verb make, pay., .stop, spend, cost., pass., save., spot., .travel, rattle 12781 | 0.87 M

## 2594 tube $n$

adj inner, feeding, top, fallopian, Eustachian, rubber, optical, neural noun test., plastic., end, seat., vacuum., aluminum., glass., toothpaste, .throat, .assembly verb feed, insert, remove, place, attach, connect, pull, contain, squeeze, form
$12533 \mid 0.89 \mathrm{M}$

## 2595 refugee $n$

adj Palestinian, high, political, Haitian, Cuban, Afghan, international, Jewish, Vietnamese, economic noun .camp, thousand., problem, number., country, nation., status, .crisis verb .flee, return, live, arrive, resettle, settle, accept., protect., .cross, . pour 12377 | 0.90

## 2596 depth $n$

adj great, maximum, emotional, psychological, dark, various, murky, average, historical, strategic noun .inch, .foot, width., water, breadth, .field, ocean, surface . perception, .chart verb add., reach., understand, plumb., explore., reveal., emerge., vary, extend, descend. 12037 | 0.93

## 2597 flat $j$

noun tax, surface, rock, land, side, voice, back, fee, face, rate, stone, ground misc fall, lay, large, relatively, lie, across, wide, broad
11943 | 0.93 M

## 2598 precisely $r$

.what, .because, more., .same, .why, .where, .kind .point, .reason, yet., $\cdot m o m e n t$, .opposite, define, measure
12042 | 0.93 A

## 2599 mad $j$

noun cow, dog, scientist, hell, dash, magazine, rush, mom, dad, scene, doctor, king misc at, get, me, make, because, really, drive, enough
11933 | 0.93 F

## 2600 alternative $j$

noun energy, medicine, source, fuel, school, program, way, approach, method, strategy, explanation, model misc provide, offer, develop, such, create, suggest minimum
12309 | 0.90 A

## 2601 disability $n$

adj physical, developmental, severe, mental, social, visual, multiple, specific, low, special noun student., child., people., learning., individual., .act, .insurance verb serve, identify, cause, suffer, relate, affect, diagnose., accommodate., define, overcome.
13359 | 0.83 A

## 2602 destruction $n$

adj mass, environmental, human, total, assured, nuclear, personal, natural, creative, massive noun weapon., death., habitat, property, forest, document, ozone, evidence, politics., violence. verb cause, lead., result, prevent., threaten, involve., .occur, witness., wreak, possess. 11840 | 0.94

## 2603 dream $v$

noun girl, sleep., future, .success, career, .competition nightmare, athlete., butterfly, astronomer., dreamer, .flying, rat, escape, .dragon misc .about, never., always.
up can., .by, who., .new, .way, .idea, something, never, scheme, might.
11959 | 0.93 F

## 2604 drop $n$

adj big, vertical, sharp, steep, single, significant, dramatic noun .blood, percent, water, foot, .oil, price, .bucket, rate, pressure, temperature verb .fall, add., cause, .hit, experience., spill, squeeze., drink, place., shake.
11703 | 0.95

## 2605 assumption $n$

adj basic, underlying, different, fundamental, implicit, common, certain, economic, general, reasonable noun set., value, question, .nature, belief, . power, data, method, homogeneity, behavior verb make, base., .underlie, operate., rest., support, proceed. predicate., imply, undermine.
12571 | 0.88 A

## 2606 normally $r$

will, .associate, function., .distribute, .require .difficult, eat, cell, .reserve, breathe., .occur, his., hour, behave.
11458 | 0.97

## 2607 angel $n$

adj blue, fallen, avenging, dark, littl, bright, holy, dirty, destroying noun guardian., .wing, .food, .cake, .death, .hair, .fire, voice, .pasta verb sing, fall, fly, dance, .descend, hover, .fear, wrestle, summon, rescue
11791 | 0.94 F

## 2608 pop

noun head, eye., question, .pill, .mind, cork, top, bubble, ear, trunk, ball, window, summer, .oven, button misC .out, .into, .open, .off, suddenly., .onto, tiny, tire
up .all, .over, keep., name., .everywhere, .around, head, .again
11901 | 0.93 F

## 2609 criteria (PL) n

adj following, important, specific, different, objective, certain, primary, major, multiple, main noun selection, performance, inclusion, .variable, study, student, -measure, set., .validity, eligibility• verb meet., base, include, determine, develop, satisfy., fit. 13159 | 0.84 A
.adversity, effort., .feeling, .opposition, weakness misc help., must., able., difficult.
10913 | 0.95 A
2718 virus $n$
adj human, deadly, cold, positive, live, lethal, specific, known noun AIDS., bacteria, computer. flu., influenza., infection, hepatitis., cell, immunodeficiency., disease verb cause infect, spread, carry, kill, contract., transmit,
attack, •mutate
11441 | 0.91

## 2719 stranger $n$

adj total, complete, perfect, mysterious, handsome, tall, intimate, familiar, gentle, passing noun friend, kindness., eye, street, face, group, .town, sex, .controversy, ,train verb talk., meet, stare, approach, share, welcome, trust., sleep, introduce, touch
11232 | 0.93 F

## 2720 retain $v$

noun •control, •power, ••ight, student, ability, •water, .moisture, .information, .identity, .employee, .heat, interest, memory, .status, .title misc while., still., attract., ooriginal, able.
11187 | 0.93 A

## 2721 match $n$

adj perfect, good, shouting, better, exact, final, close, waterproof noun winner, wrestling., soccer., .play, tennis., boxing., cup., box., championship verb win., find, light, strike., lose, meet., prove, .burn, last, touch
11140|0.93

## 2722 prize $n$

adj grand, big, top, international, prestigious, ultimate, literary, coveted, nifty noun ewinner, peace., .money, year, award, .physics, cash., . literature, consolation., .chemistry verb win., receive., offer, share., earn., claim., honor, .total, .elude 10944 | 0.95

## 2723 string $n$

adj long, consecutive, thin, endless, broken, knotted, unbroken noun .quartet, .theory, .bean, purse., bead, .pearl, guitar, piece., instrument, band verb pull., .attach, tie, hold, hang, cut, pluck., stretch, vibrate, control.
10986 | 0.95

## 2724 exhibition $n$

adj international, major, recent, annual, traveling, current, retrospective noun art, museum, .game, gallery, work, .space, works, solo., artist, painting verb include, organize, open, present, feature, mount, .entitle, enter, accompany, represent
12767 | 0.81 M

## 2725 expansion $n$

adj economic, rapid, major, far, international, future, global, existing, industrial, urban noun .team, universe, plan, program, rate, .franchise, market, trade, growth, period. verb support., cause, oppose. finance., slow, limit., increase, prevent., halt., accelerate
11351 | 0.91 A

## 2726 tremendous $j$

noun amount, pressure, impact, opportunity, power, growth, number, change, energy, problem, success,
support misc there, create, under, cause, because, economic, generate, financial
11013 | 0.94 S

## 2727 bunch $n$

adj whole, wild, fresh, diverse, rowdy, lively, friendly noun .people, .guy, .kid, .thing, .stuff, .grape, .flower, .money verb buy., hang, throw, gather, sound., score., hand., hire.
11109 | 0.93

## 2728 assistant $n$

adj special, personal, administrative, digital, editorial, medical, top, dental, legislative noun research., deputy., .secretary, .president, teaching., graduate. executive., physician. verb serve., hire., employ, train, .handle, assign, •administer, •hand, appoint., instruct 10976 | 0.94

## 2729 initially $r$

least, at, although., appear, .refuse, .focus, .oppose, .skeptical, .resist, .identify, .reluctant, .intend, .attract, design
11106 | 0.93 A

## 2730 accurate $j$

noun information, description, picture, assessment, data, count, prediction, measurement, estimate, way, diagnosis, representation misc more, most, provide, less, fair, complete, highly
11036 | 0.94 A

## 2731 cheek $n$

adj left, pink, right, pale, round, hot, sunken, smooth, full, flushed noun tear., hand, eye, lip, kiss., hair, nose, color, tongue., forehead verb touch., turn, run., feel, roll., press, brush., stroke., rub., puff

## _12061 | 0.86 F

## 2732 index $n$

adj composite, fit, right, economic, major, leading, body-mass, various noun .finger, .fund, price., stock, consumer., body., mass., .card verb .rise, measure, fall, provide, calculate, .close, track, .drop, .indicate, .gain 11540 | 0.90 A

## 2733 occupy $v$

noun .position, space, place, land, territory, house, building, room, mind, country, office, center, Iraq, troop, force misc .by, .same, once., .central, .entire 10952|0.95

## 2734 gear $n$

adj high, low, protective, full, outdoor, electronic, shifting, high-tech, switching, running noun fishing., landing., .photography, car, camping., rain., bag, type, .ratio, riot. verb shift., put., switch., wear., carry, kick., pack., change., grind, haul.
11907 | 0.87 M

## 2735 guarantee $v$

noun right, Ioan, .accuracy, security, constitution, .success, .safety, law, government, freedom, job, amendment, protection, .access, health misc will, can., virtually., million, .equal, order., necessarily., practically.
10833|0.95

## 2736 chocolate $n$

adj hot, dark, white, bittersweet, rich, melted unsweetened noun .cake, .chip, milk, .cookie, cream, .bar, cup, butter, ice, .mousse verb melt, eat., stir, add, pour, buy, drink., contain, taste, spread 11324 | 0.91 M

## 22. American vs. British English

The Corpus of Contemporary American English (COCA: http://www.americancorpus.org) is the largest balanced corpus of American English, and the British National Corpus (BNC; http://www.natcorp.ox.ac.uk/) is the largest, balanced corpus of British English. This list shows the difference in vocabulary in these two corpora, and is based on the implementation of the BNC found at http://corpus.byu.edu/bnc.

Some of the differences in vocabulary in the two dialects are related to culture, society, politics, or current events (e.g. Am Republican, congressional, baseball, Iraqi; Br Tory, parliamentary, Victorian), some are just different words for the "same" concept (e.g. store/shop, attorney/solicitor, apartment/flat, mom/mum), and some words in COCA (1990-2008) refer to things that are too new to have made it into the pre-1993 BNC (e.g. web, Internet, high-tech, online).

## +American (COCA) / -British (BNC)

The following are just a sampling of the words that are much more common in COCA than in the BNC. In all cases, the word is at least twice as far down the list in the BNC wordlist as in COCA (e.g. \#2000 in COCA, \#5000 in BNC).

Verb: call, report, focus, guess, sign, step, figure, roll, fire, hire, file, oppose, wrap, interview, accomplish, testify, bake, track, evolve, violate, target, pitch, flip, ruin, hike, invade

Noun: student, president, percent, kid, guy, nation, photo, arm, American, Republican, phone, movie, store, lawyer, Democrat, professor, expert, senator, break, camera, coach, item, mom, dream, attorney, scientist, web, camp, truck, apartment, bowl, baseball, internet, basketball

Adjective: American, federal, tough, native, Iraqi, crazy, smart, Israeli, Mexican, congressional, elementary, online, gifted, athletic, ongoing, African-American, suburban, Hispanic, scary, high-tech, cute, nonprofit, immigrant, skeptical, aging, low-income, interstate

## +British (BNC) / -American (COCA)

The following are just a sampling of the words that are much more common in the BNC than in COCA. In all cases, the word is at least twice as far down the list in the COCA wordlist as in the BNC (e.g. \#2000 in the BNC, \#5000 in COCA).

Verb: ensure, suppose, regard, voice, bind, retain, undertake, phone, wan, allocate, knit, book, abolish, envisage, incur, fancy, commence, enclose, enquire, sack, adjourn, tidy, query, retort, queue, nick, remand, smelt

Noun: council, minister, union, pound, scheme, shop, principle, village, provision, sector, appeal, parliament, mum, tea, lord, cabinet, pension, flat, expenditure, solicitor, coal, crown, castle, pub, parish, tenant, councillor, countryside, plaintiff, autumn, cottage

Adjective: British, European, English, royal, French, industrial, Scottish, lovely, working, bloody, parliamentary, alright, statutory, keen, Welsh, Tory, socialist, unemployed, delighted, Victorian, liable, superb, working-class, compulsory, splendid, post-war, dreadful, redundant, inland, wee

## 2737 ceremony $n$

adj religious, closing, traditional, annual, private, formal, civil, brief, solemn, ribbon-cutting noun opening. award., wedding., graduation., day, master., marriage., white, signing. verb hold, attend., perform, open., conduct, honor, follow, .mark, participate., .celebrate 11008 | 0.94

## 2738 button $n$

adj hot, red, mute, wrong, blue, off, left, nuclear noun belly., shirt, push., elevator, finger.,
door, touch., •mushroom, call., panic. verb hit., punch., click., wear., release, pop, fasten
11353 | 0.91 F

## 2842 sink $v$

noun heart., ship, .tooth, sun., foot, boat, .ground, .floor, head, .putt, .seat, stock., submarine, .root, .earth misc .into, .down, .low, .deep, .deeper, slowly, .onto
in let., begin., really., word., start., slowly., reality., finally., message., realization. back .into, .down, .onto, .against down .into, .onto, slowly
10578 | 0.93 F

## 2843 counter $n$

adj front, wooden, retail, stainless-steel, cosmetic fast-food, floured noun kitchen., lunch., ticket., bean., checkout., girl, store, glass, sink, stool verb sit., stand. lean., walk, reach, set, sell., wipe., head, cross
10788 | 0.91 F

## 2844 Bible $n$

adj holy, English, Catholic, favorite, weekly, illustrated, leather-bound noun .study, story, .school, .belt, verse, reading, .class verb read., teach, believe, open, quote., carry., contain, .forbid, inspire, .condemn
10737 | 0.91

## 2845 license $n$

adj medical, commercial, valid, suspended, artistic, personal, poetic, nonresident, professional, issuing noun driver., .plate, .number, marriage., .fee, car, pilot., liquor. verb get., give, lose., obtain., revoke drive, suspend, require, renewo, apply. 10303 | 0.95

## 2846 tragedy $n$

adj terrible, great, personal, human, real, national, horrible noun family, death, comedy, triumph, kind., history, week, victim., sense., loss verb .happen, .strike, .occur, prevent., end., .unfold, cause, suffer, deal., .befall
10374 | 0.94 S

noun professor, coach, secretary, director, attorney, manager, editor, principal, chief, superintendent, administrator, commissioner misc general, former, managing, clinical, serve, vice, head
10586 | 0.92 N

## 2848 dialogue $n$

adj national, political, interreligious, intergroup, ongoing, constructive, genuine, internal noun kind., scene, policy, .race, line., character, religion, conversation, partner, cooperation verb engage. open., continue, create, promote., enter., encourage., establish, facilitate., resume
$10821 \mid 0.90 \mathrm{~A}$

## 2849 mutual $j$

noun fund, respect, stock, friend, company, understanding, interest, trust, benefit, support, aid insurance misc between, invest, among, buy, base, other, each, manage
10850 | 0.90

## 2850 loose $j$

noun end, hair, cannon, ball, change, skin, woman, rock, soil, shirt, confederation, powder misc break, let, cut, turn, hang, wear, shake, pull
10467 | 0.93 F

## 2851 external $j$

noun factor, force, pressure, control, threat, source, environment, affair, canal, debt, validity, influence misc internal, such, auditory, both, economic, require, domestic
11557 | 0.85 A

## 2852 pride $n$

adj great, national, gay, civic, ethnic, cultural, personal, certain, racial noun sense., source., .joy, .place, lot., point., .prejudice, matter., . parade verb take., feel, swallow., swell., beam., express., shine, .blind 10161 | 0.96

## 2853 awareness $n$

adj public, environmental, great, growing, increased, heightened, global, cultural, social noun level, student, program, .issue, knowledge, need, education, lack. .campaign, skill verb raise., increase., develop., create. heighten., promote., bring, focus, foster., contribute 10936 | 0.89 A

## 2854 electricity $n$

adj running, static, solar, cheap, renewable, reliable, retail, wind-generated noun water, price, gas, power, percent., cost, fuel, generation, market, energy verb generate, produce, provide, sell, convert., restore, flow
10896 | 0.90

## 2855 diverse

noun group, student, population, community, background, culture, need, school, society, country, interest, sample misc more, as, culturally, most, ethnically, such, among, cultural
10953|0.89 A

## 2856 advanced $j$

noun technology, system, degree, study, student, research, placement, course, program, class, country, age misc more, most, technologically, such, develop industrial, international, require
10766 | 0.91 A
2857 free $v$
noun slave, hostage, prisoner, •mind, .prison, .fund,
soldier, .bail, capital, task, .bond, soul, .shackle, .foreigner misc .from, .himself, last, set., .themselves, .herself, struggle, oitself, finally.
up .money, .more, .space, .time, .resource, .fund, .cash, .capital, .dollar, •land
10074 | 0.97
2858 faster $r$
.than, much., move., grow., time., run., even., little. walk., far, lot., rise., heart., beat.
10388 | 0.94 M

## 2859 conservative $n$

adj Christian, fiscal, black, political, compassionate, economic, strong, southern, staunch, mainstream noun liberal, Republican, party, .tank, lot., issue, moderate, Congress, movement, voter verb .believe, win, support, .oppose, .argue, vote, •agree, criticize, attack, appeal. 10826 | 0.90 S

## 2860 online $j$

noun service, course, site, discussion, company, information, group, resource, magazine, business, music, community misc available, offer, such, provide, free, visit, commercial $10845 \mid 0.90 \mathrm{M}$

## 2861 assault $n$

adj sexual, aggravated, physical, deadly, frontal, amphibious, military, final noun .weapon, .rifle, charge ban, robbery, rape, victim, air., .battery, murder verb launch., report, lead., convict., aggravate., .occur 10297 | 0.95

## 2961 load $v$

noun truck, base, item., gun, bag, food, back, weapon, data, gear, film, pack, machine, .ambulance, stuff misc .into, .onto, fully., heavily, ready
up car, .truck, .stock, .wagon, .plate, .debt, cart, bus, gun, grocery
9901 | 0.95

## 2962 singer $n$

adj popular, famous, female, favorite, professional, legendary, talented, choral noun country., lead., opera., jazz., blues., gospel., .songwriter, folk. verb .sing, •perform, feature., record, train., accompany, entertain, .croon, honor, imitate 10300 | 0.91

## 2963 distribute $v$

noun .information, food, company, money, product, material, fund, weight, .news, service, film, copy, power, .picture, data misc evenly, •among, widely., .throughout, .across, million 9996 | 0.94 A

## 2964 ton $n$

adj metric, estimated, solid, dry, nuclear, hazardous, radioactive, toxic, additional, chemical noun .waste, $\cdot m o n e y$, .food, .carbon, .material, .dioxide, .oil, .coal, .steel, .brick verb weigh. produce, carry., generate, dump., emit, haul, import., contain., bury. 10302 | 0.91

## 24. Comparing words

One of the challenges for a language learner is to acquire a sense of the nuances between two related words-where one would be used, but not the other. With the Corpus of Contemporary American English, this is quite easy. Users simply enter the two words, and then the corpus shows which collocates (nearby words) occur with one word but not the other, and vice versa. For example, the following table shows just a fragment of the output for small versus little. We will not explain all of the numbers here, though that explanation is available online. For our purposes, we see that small occurs with business and amount, for example, while little occurs with league and secret.

Word 1 (W1): small (35.5\%)
Word 2 (W2): little (64.5\%)

|  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | :--- | ---: | ---: | ---: | ---: |
| 1 amounts | 828 | 7 | 0.99 | 2.80 | 1 while | 2115 | 10 | 1.00 | 1.54 |
| 2 fraction | 517 | 5 | 0.99 | 2.79 | 2 bit | 15677 | 94 | 0.99 | 1.54 |
| 3 percentage | 902 | 10 | 0.99 | 2.79 | 3 league | 1045 | 7 | 0.99 | 1.54 |
| 4 firms | 422 | 5 | 0.99 | 2.79 | 4 brother | 1062 | 10 | 0.99 | 1.54 |
| 5 businesses | 2199 | 32 | 0.99 | 2.78 | 5 sister | 908 | 11 | 0.99 | 1.53 |
| 6 telescopes | 119 | 2 | 0.98 | 2.77 | 6 sympathy | 142 | 2 | 0.99 | 1.53 |
| 7 fee | 175 | 3 | 0.98 | 2.77 | 7 secret | 367 | 6 | 0.98 | 1.52 |

With the web interface, users can compare any set of words, to see semantic (meaning) differences, as well as cultural differences in the use of two related words. The following table gives just a small sampling of some of these searches.

| $[$ A] | $[B]$ | Collocate POS | Collocates with $[A]$ | Collocates with $[B]$ |
| :--- | :--- | :--- | :--- | :--- |
| 1 [boy] | [girl] | $\left[j^{\star}\right]$ | growing, rude | sexy, working |
| 2 Democrats | Republicans | $\left[j^{\star}\right]$ | open-minded, fun | mean-spirited, greedy |
| 3 Clinton | Bush | $\left[v^{\star}\right]$ | confessed, groped, inhale | assure, deploying, stumbles |
| 4 utter.[j*] | sheer | $\left[n n^{\star}\right]$ | silence, despair | beauty, joy |
| 5 ground.[ $\left.n^{\star}\right]$ | floor.[ $\left.n^{\star}\right]$ | $\left[j^{\star}\right]$ | common, solid | concrete, dirty |
| 6 [rob].[ $\left[v^{\star}\right]$ | $[s t e a l] .\left[v^{\star}\right]$ | $\left[n n^{\star}\right]$ | bank, store | cars, money |

3084 appointment $n$
adj judicial, political, special, presidential, federal, scheduled, follow-up, dental, academic, joint noun doctor, court, president, book, .counsel, judge, faculty., cabinet, recess., .process verb make., announce, keep., schedule., set., cancel., miss., accept., arrive, attend
9184|0.96

## 3085 fund $v$

noun program, project, research, government, study, money, school, grant, tax, foundation, education, company, group, department, organization misc .by, .through, fully., federally., publicly. 9359|0.94

## 3086 conviction $n$

adj religious, criminal, strong, moral, political, deep, firm, absolute noun court, murder, felony., courage., arrest., ,rate, case, sentence, appeal, drug verb overturn, lead., base, share., win., uphold, reverse, result., express., strengthen
9178|0.95

## 3087 myth $n$

adj Greek, ancient, popular, urban, modern, racial, religious, Christian, African, classical noun legend, .reality, history, creation., origin, culture, ritual, version, rape. verb dispel., perpetuate., debunk., base, .surround, explode., shatter., destroy., promote, relate
9506 | 0.92 A

## 3088 solar

noun system, wind, energy, power, panel, cell, planet, eclipse, radiation, mass, flare, technology misc our, inner, outer, total, thermal, such, install, electric

adj naval, broken, ceramic, Japanese, empty, foreign, tiny, coronary, French, British noun blood., pressure. fishing, .wall, research., heart, ship, water, size, nerve verb .carry, cause, constrict, sail, operate, dilate, contain, sink, damage, board.
10204 | 0.86 A

## 3090 wealthy $j$

noun family, people, man, tax, country, nation, woman, individual, businessman, class, corporation, suburb misc very, powerful, poor, cut, enough fabulously, extremely, independently, relatively 9223|0.95

## 3091 friendship $n$

adj close, cross-sex, personal, social, emotional, civic lifelong, unlikely, beautiful noun relationship, love, family, .network, quality, group, closeness, treaty, bond., respect verb develop, form, maintain., forge establish, build, strike., renew., share, .last 9343|0.94

## 3092 membership $n$

adj full, annual, cultural, honorary, total, general, permanent noun group, organization, club, union, .fee, church, party, society, community, .due verb include, .grow, increase, apply., offer, claim., seek., expand, maintain., .cost
9654|0.91 A

## 3093 craft $n$

adj small, contemporary, traditional, local, Indian, alien, native, handmade, ancient, unmanned
noun art., museum, .store, .movement, .show, landing., food, shop, college. verb learn., land., sell, teach, practice, feature., hone., master., .orbit 10725 | 0.82 M

## 3094 qualify $v$

noun student., job, team, .loan, .Medicaid, .benefit, .car, aid, teacher, person, candidate, background. credit, income, position misc .for, eas, who., enough. highly., must, order., fail., uniquely. 9268 | 0.94 N

## 3095 French $n$

adj fluent, classic, excellent, broken, passable, impeccable, high-school noun English, German, Italian, .subtitle, word, century., .toast verb speak, learn., translate., teach., study., fight, open, publish. lead, attack
9242 | 0.95

## 3096 earnings (PL) $n$

adj annual, high, corporate, future, strong, average, quarterly, net, projected noun .growth, company, year percent, time., .share, quarter, stock, rate, analyst
verb report, increase, estimate, expect, .grow, .rise, .fall, boost., base., .decline
10946 | 0.8 M N

## 3097 waste $v$

noun .time, money, energy, life, water, resource, hour, minute, effort, .breath, tax, space misc .away,
.precious, little, .valuable, lay., afford.
9136 | 0.96

## 3098 asleep $j \square$

noun bed, night, wheel, couch, chair, baby, morning, minute, right, class, dinner, dawn misc fall, she, when, still, while, sound, fast, until

## 9935 | 0.88 F

## 3099 porch $n$

adj front, screened, wooden, wide, screened-in, covered, sleeping, enclosed noun back., step, house, . light, door, .swing, chair, floor, side, roof verb sit., stand., walk, wait, lean, climb, .overlook, hang, cross, paint
10067 | 0.87 F

## 3100 controversial $j$

noun issue, decision, figure, program, topic
book, case, subject, plan, proposal, film, policy
misc most, more, very, become, highly, remain,
less, somewhat
9267| 0.94

## 3101 painful $j$

noun experience, memory, process, thing, death, lesson, decision, reminder, past, moment, procedure, period misc very, more, too, most, less, long, often, difficult
9118 | 0.96

## 3102 congressman $n$

adj democratic, conservative, veteran, influential, disgraced, distinguished, incumbent noun Republican. senator, new, office, committee., question, .thanks, freshman. verb let, thank, agree, vote, introduce, welcome, elect, sponsor, chair, excuse
10614 | 0.82 S

## 3103 mama $n$

adj big, hot, happy, dear, sick, sweet, red-hot noun daddy, .Papa, .boy, baby, day, .bear, kitchen,

## 3204 economics $n$

adj international, supply-side, trickle-down, neoclassical, agricultural, applied, ecological noun professor, politics, law., school., science, business, home., degree., market., history verb teach, study., major., apply, specialize, .dictate, dominate, revolutionize., concern
9083 | 0.91 A

## 3205 cabin $n$

adj main, small, tiny, forward, aft, one-room, first-class noun log., door, night, wood, room, passenger, mountain, .fever, window, light verb build, stay, fill, enter., share, rent, hide, .feature, emerge., .accommodate 9195 | 0.90 F

## 3206 print $v$

noun paper, newspaper, name, letter, .money, page, copy, book, story, color, image, article, .ad photograph, form misc fit., .recycled, save, electronic, .directly, privately., neatly, original, publish
$8827 \mid 0.94$

## 3207 orange $j$

noun peel, bowl, zest, light, rind, grove, tree, slice glow, blossom, jumpsuit misc bright, yellow, grate, wear, red, blue, black
$8881 \mid 0.93$

## 3208 wander $v$

noun mind., .street, eye., .house, night, .hall attention., .road, .desert, .town, gaze., thought., dog. park, .aisle misc •around, .through, $\cdot$ into, •off, •away let., . .about, .among, •far, . .aimlessly 9021 | 0.92 F

## 3209 taxpayer $n$

adj American, local, wealthy, average, individual, common, middle-income, middle-class, middle, huge noun .money, .dollar, cost., expense, year, government, .fund verb pay, spend, save., subsidize, protect., waste., support, allow, .foot, require $9140 \mid 0.90 \mathrm{~N}$

## 3210 romantic $j$

noun comedy, relationship, love, partner, life, notion, interest, poet, dinner, image, music, movie misc most, sexual, less, French, beautiful, English, classical, hopeless
8831 | 0.93

## 3211 devote $v$

noun time, .life, attention, resource, .energy, year, effort, .hour, issue, chapter, study, section, site. research, organization. misc .to, .more, .himself, .entire, .themselves, .exclusively, .entirely $8760 \mid 0.94$

## 3212 inflation $n$

adj low, high, economic, annual, double-digit, general, runaway, rampant noun rate, percent, year, unemployment, price, interest, growth, economy, wage, cost verb adjust., keep., rise, fall, reduce, .remain, cause, control., fight., index.
9214|0.89

## 3213 furthermore $r$

study, research, .although, process, .suggest, data 9594 | 0.86 A

## 3214 pine $n$

adj white, tall, green, yellow, lone, towering knotty noun .tree, .forest, .nut, .needle, oak, .cone,
mountain, fir, stand., wood verb grow, cut, smell. cover, plant, surround, whisper., line, sprinkle. dominate
9014 | 0.91 M

## 3215 agriculture $n$

adj sustainable, American, urban, commercial, intensive, organic, irrigated noun department, US. food, industry, secretary, state., ministry, water, .organization, land verb support., affect, promote., engage., employ, clear., relate, destroy, decline, account
9320 | 0.88 A

## 3216 legacy $n$

adj historical, enduring, colonial, political, cultural, asting, greatest, rich noun part., family., life, .slavery, father, apartheid, system, generation, .carrier verb leave, continue, carry., create, build, pass, preserve., inherit, overcome., reflect. 8693 | 0.95

## 3217 extension $n$

adj cooperative, natural, logical, agricultural, full, two-year, one-year, five-year, direct, indefinite noun contract., service, .cord, life, leg, program, -agent, hip., research, knee verb sign., grant, file. support., seek., represent., oppose., .expire, strengthen
8972 | 0.92 A

## 3218 barrel $n$

adj wooden, double, huge, rifled, golden, fluted, octagonal, adjusting noun .oil, .day, gun, pork., rifle, price, stock, bottom., shotgun, .chest verb produce., point, stare., fill, sell, drop, rise, fire, stick, place $8935 \mid 0.92$

## 3219 arrival $n$

adj new, recent, late, dead, imminent, international, unexpected, impending, expected, scheduled noun time, departure, month., age, hour., immigrant, spring, .troop, minute., .European verb await. announce., wait., greet., prepare., celebrate., signal., coincide, anticipate., . prompt
8571 | 0.96

## 3220 register $v$

noun voter, face, .degree, car, thermometer., offender, mind, .complaint, .surprise, gun, .Republican, .course, poll, citizen, Democrat misc vote, require., barely. million, failo, insert., officially.
8524 | 0.96

## 3221 flavor $n$

adj rich, sweet, strong, fresh, mild, intense, full, nutty, subtle, smoky noun texture, color, food, dish, fruit, aroma, tomato, ice, chocolate, chicken verb add, blend, bring., enhance, develop, retain., taste, impart. enjoy.,. meld
$9335 \mid 0.88 \mathrm{M} \mathrm{N}$

## 3222 versus i

percent, issue, low, per, debate, continued., Roe., male, difference, nature, private, poor, benefit 9136 | 0.90 A

## 3223 risk $V$

noun dife, perception, reduction, consequence, .death, .limb, .injury, .loss, .career, .damage, .wrath .confrontation, .reputation, .neck, exposure misc .lose willing., rather., eeverything, decide., worth. 8483 | 0.97

## 3307 criminal $n$

adj violent, convicted, common, dangerous, hardened, petty, international, tough, habitual, serious noun war., crime, career., justice, law, street, police, master., adult., officer verb treat., catch, violate, prosecute., .commit, arrest, . proceed, act, execute, identify.
8349|0.95

## 3308 widespread $j$

noun use, support, problem, belief, practice,
acceptance, concern, corruption, abuse, attention, adoption, perception misc there, more, among, become, most, despite, cause, lead 8669 | 0.92 A

## 3309 transformation $n$

adj social, political, economic, radical, personal, cultural, major, dramatic, profound, structural noun process, society, change, economy, conflict., data, market, strategy verb undergo., .occur, involve, lead, require, describe, experience, witness., achieve., perform
8925 | 0.89 A

## 3310 physically $r$

mentally, emotionally, .active, .abuse, .fit, both., feel, psychologically, .demand, sexually, .disabled, spiritually 8325|0.95

## 3311 provider $n$

adj other, large, medical, private, primary, social, leading, preferred, financial, content noun service. care., health., Internet., healthcare., abortion., family, child, company, cable. verb .offer, require, pay, choose, check, .charge, compete, .assess, link, assist 9407|0.84 A

## 3312 admire $v$

noun work, man, .view, .courage, artist, .beauty, .ability, quality, writer, .handiwork, .scenery, .honesty, critic, politician, visitor. misc eher, .him, much, most, always., greatly, really.
8330 | 0.95

## 3313 headline $n$

adj late, big, national, front-page, tabloid, front, international, quick, sensational, top noun news, newspaper., story, day, week, morning, health. banner., page, look. verb make., read, grab., run, scream, dominate., .announce, hit, blare, proclaim $8577 \mid 0.92$ S

## 3314 miracle $n$

adj economic, medical, modern, minor, alive, near, greatest, absolute noun .worker, .cure, .drug, .boy, kind., .baby verb .happen, work., perform., believe., expect., hope., pray., .occur, witness., produce 8357|0.95

## 3315 institutional $j$

noun investor, change, structure, board, review, arrangement, effectiveness, support, framework, policy, church, reform misc political, social, revolutionary, such, within, personal, individual, economic, cultural
9630|0.82 A

## 3316 homeless

noun people, shelter, man, child, woman, family, person, youth, city, population, street, program misc help, leave, live, poor, among, million, mentally, ill, house 8625 | 0.92 N

## 3317 impressive $j$

noun result, number, record, list, array, performance collection, victory, figure, display, gain, achievement misc most, more, very, even, as, pretty, less $8322 \mid 0.95 \mathrm{M}$

## 3318 chef $n$

adj top, head, French, personal, local, award-winning noun executive., pastry., restaurant, food, owner, kitchen, recipe, celebrity., .knife, master. verb cook, prepare, teach, hire., train, name, feature, .whip, inspire, •mix 8977 | 0.88 N

## 3319 tactic $n$

adj new, political, military, aggressive, effective, diversionary, strong-arm, similar, legal, common noun strategy, scare., campaign, guerrilla., war, pressure, sales., use verb employ, ework, change, adopt, switch., engage., resort., defend, .fail, apply 8345 | 0.95

## 3320 measurement $n$

adj accurate, precise, direct, curriculum-based, standard, objective, actual, quantitative, physical, recent noun error, system, instrument, data, method, model, performance, .technique, study, .period verb make, take, base, include, obtain, compare, allow, determine, .indicate, perform
9490 | 0.83 A

## 3321 identification $n$

adj early, positive, ethnic, personal, strong, religious, specific, organizational noun $\cdot$ number, process, .card, problem, system, . procedure, level., team, form. verb require, lead., include, base, allow, indicate, carry., facilitate., obtain, correlate

## 9163 | 0.86 A

## 3322 province $n$

adj southern, northern, Canadian, eastern, central Serbian, maritime, sole, exclusive, various noun state, capital, governor., area, home., frontier., village. Sunni, renegade., authority verb visit., locate, .border, divide, populate., administer, govern, tour., .secede 8664 | 0.91 A

## 3323 moderate $j$

noun Republican, Democrat, level, exercise, activity, amount, heat, correlation, leader, party, intensity, risk misc more, high, severe, low, conservative, expensive, under, liberal
$8487 \mid 0.93$

## 3324 consensus $n$

adj general, national, broad, political, scientific, international, growing noun building, group, lack., issue, policy, decision, view, .conference, panel, .builder verb reach, build., .emerge, achieve, develop, .exist, reflect., base, seek., support $8695 \mid 0.91$ A

3325 lovely $j$
noun woman, lady, girl, wife, day, face, eye, place, man, house, home, garden misc young, little, such, oh, beautiful, quite, blue, sweet
8548 | 0.92 F

## 3326 comedy $n$

adj romantic, musical, stand-up, black, best, dark, divine noun .series, show, .club, drama, situation., film, TV, music, tragedy, owriter verb direct, feature, perform, mix., air, .ensue, .concern, .depict 8742 | 0.90 N
noun study, support., result, test, research, testing, evidence, analysis, method, set verb .predict, suggest, reject, examine, confirm, base, develop, formulate, .state, .explain
9282|0.82 A
3405 upset $v$
noun .balance, stomach, .cart, order, fan, .status, .equilibrium, .stability, .ecosystem misc so, .because, her, really., little., .over, extremely., terribly., visibly., bit., particularly., .delicate, clearly., deeply., easily. 7946 | 0.95

## 3406 acceptable $j$

noun level, behavior, way, risk, standard, reliability, solution, limit, range, form, alternative, result misc more, socially, find, consider, become,
perfectly, within
8189|0.93 A
3407 favor $n$
adj sexual, special, big, political, personal, huge,
divine, enormous, royal noun party., curry., percent, odds., champagne, vote., argument., gift, toast, scale. verb do., ask, return., fall., work., find., gain., rule.
7811 | 0.97

## 3408 couch $n$

adj asleep, comfortable, living-room, comfy,
overstuffed, lumpy, sagging, upholstered noun room,
.potato, chair, living, leather., back, arm, cushion, .TV,
bed verb sit., sleep., lie., lay., fall., settle., lean, seat.,
.face, sprawl.
8484 | 0.89 F
3409 defendant $n$
adj guilty, criminal, black, federal, corporate,
individual, potential, particular, indigent, attractive
noun case, court, right, trial, jury., plaintiff, lawyer,
evidence., judge, action verb find., convict, represent, allow, name., .plead, claim, prove, deny, .face
8764 | 0.86 A

## 3410 compose $v$

noun music, group, student, song, letter, piece, poem, team., committee., .member, image, force., melody, picture, element misc .herself, entirely, •mostly, primarily, largely, •mainly
$8321 \mid 0.91$ A

## 3411 cool $v$

noun minute, rack, water, pan, air, heat, hour, .heel
cake, cookie, engine, skin, cup, .degree, planet
misC .down, .completely, .slightly, allow., .before
aside., until, let.
off after, bit, weather
$8243 \mid 0.92 \mathrm{M}$

## 3412 ballot $n$

adj military, secret, disputed, presidential, provisional, statewide, primary, confusing, questionable, manual noun absentee., box, initiative, voter, state, measure, election, name., paper., issue verb cast., count, vote, appear., recount, place., stuff., .arrive
$8610 \mid 0.88$ S N

## 3413 related $j$

noun issue, problem, service, article, activity, group, $\overline{\text { study, question, species, field, research, health }}$ misc other, closely, such, including, special, well, separate, involve
$8540 \mid 0.88$ A

## 3414 cluster $n$

adj globular, open, large, dense, distant, double, tight, individual, similar, blue noun star, galaxy, •analysis, flower, .bomb, member, .office, .building, core, peer. verb form, .contain, lie, identify, produce, surround, $\overline{c o n s i s t, ~ g a t h e r, ~ g r o u p, ~ o b s e r v e ~}$ 9229 | 0.82 M

## 3415 pie $n$

adj homemade, economic, baked, perfect, humble, favorite, prepared noun apple., pumpkin., piece. .crust, pecan., .plate, cream, .pan, slice., pot. verb bake, eat., serve, fill, cook, place, cover, throw, prepare, .cool 8177|0.92

## 3416 concern $v$

noun issue., question., problem., safety, .relationship, research., .effect, data., debate., aspect, •nature, quality, article., factor, attitude misc .about, most, . itself, .themselves, especially., ourselves, .yourself, particularly., environmental, deep., specific, directly $8100 \mid 0.93$ A

## 3417 recording $n$

adj audio, live, digital, original, early, magnetic, available, electronic, cast, professional noun .studio, tape., industry, •artist, video., sound, .session, .contract verb make, play, listen., hear, release, sing, produce, feature, obtain, review 8312 | 0.91

## 3418 rail $n$

adj light, high-speed, top, bottom, front, wooden, heavy noun dine, .system, .car, commuter., road, side., bus, .service, .yard, .station verb lean., ride., "stand, build, cut, connect, grab., .link, climb., grip. 82571 0.91

## 3419 decrease $v$

noun .percent, number, rate, level, .risk, .amount, cost, behavior, size, pressure, activity, .chance .likelihood, population, body misc significantly, .during, actually., slightly, dramatically 8579 | 0.88 A

## 3420 rape $n$

adj sexual, attempted, statutory, alleged, brutal marital, mass, forcible noun victim, murder, case, date., woman, .incest, charge, crime, assault, .trial verb report, commit, accuse., convict., .occur, involve, deal, arrest., prevent. $8301 \mid 0.91$ S

## 3421 interrupt $v$

noun thought, moment, conversation, voice, girl. .flow, phone, sound, call, sleep, reverie, career, cycle, silence, dinner misc .by, let., sorry., hate., suddenly., rudely., frequently, briefly
8116 | 0.93 F

## 3422 architect $n$

adj chief, local, principal, famous, renowned, naval, Italian, French noun landscape., designer, engineer, building, design, artist, project, course., golf., generation verb build, hire, train, commission, select, renovate, practice, .specialize, collaborate, .sketch $8345 \mid 0.90 \mathrm{M} \mathrm{N}$

## 3423 sigh $v$

noun .relief, shoulder, .pleasure, forehead, .resignation, .exasperation, .frustration, .satisfaction,
economy, state, verge., regime, .empire, market, price, building verb lead., follow., cause, prevent., result, avoid., suffer., .occur, trigger., crush
$7726 \mid 0.93$

## 3533 snake $n$

adj poisonous, venomous, brown, deadly, red, giant, live, coiled noun head, .oil, water, eye, .charmer, garter., skin, . pit, coral. verb bite, kill, . slither, eat, catch, coil, .crawl, writhe, hiss, .shed 7850 | 0.92 F

## 3534 march v

noun army., parade, .Washington, soldier., thousand., troop., line, .mile, .step, road, king, protester., demonstrator., .town, saint. misc .into, .through, .up, .toward, .across, .off
7630 | 0.94

## 3535 experimental $j$

noun group, condition, study, design, control, drug, treatment, research, result, procedure, program, subject misc theoretical, receive, conduct, test, clinical, assign, significant
8391|0.85 A

## 3536 civilization $n$

adj western, American, ancient, human, modern, European, advanced, early, Islamic noun clash., history, world, culture, society, cradle., end, course, progress, decline verb build, destroy, create, renew. save., .exist, threaten, advance, .depend, .survive 7863 | 0.91 A

noun music, jazz, tradition, art, theory, world, style,
ballet, musician, form, model, concert misc play, modern, contemporary, listen, western, Greek, Chinese, traditiona
7961 | 0.90 A

## 3538 fold $v$

noun arm, hand, paper, .chest, mixture, leg, chair, edge, egg, seat, llap, clothes, wing, table, .tent
misc .into, .over, .across, .back, neatly, gently.
down top, rear, back
7902 | 0.91 F

## 3539 weakness $n$

adj human, major, economic, relative, greatest, inherent, potential, physical, individual, moral noun strength., sign., muscle, system, area, moment., control, economy .lack, pain verb show., identify, exploit, expose., reveal., overcome, point., discuss, demonstrate, .spread 7584 | 0.94 A

## 3540 corridor $n$

adj long, narrow, main, dark, empty, central, short noun room, end., door, .night, hospital., .power, wall, floor, street., hotel. verb walk., lead, move, connect, enter, line, light, fill, echo., .stretch 8303 | 0.86 F

## 3541 harsh $j$

noun reality, word, condition, light, voice, drug, environment, critic, winter, expression, criticism, punishment misc too, under, little, sound, face, particularly, pretty
7428 | 0.96
3542 retail $j$
noun store, price, sales, outlet, business, space, market, food, chain, industry, shop, office misc sell,
suggest, wholesale, national, suggested, square commercial, residential
7929 | 0.90 N

## 3543 mortgage $n$

adj adjustable-rate, low, fixed-rate, monthly, reverse, fixed, residential noun rate, .payment, home, loan, interest, .lender, .company, .broker verb pay, refinance, buy, rise, qualify., afford, apply., cover. .average
$8137 \mid 0.88 \mathrm{~N}$

## 3544 harder $j$

noun time, line, job, question, drug, edge, look, task worker, wood, sell, surface misc it, make, than, get, much, work, find
$7430 \mid 0.96$

## 3545 developer $n$

adj private, local, real-estate, financial, urban, prominent, independent, leading, nonprofit, principal noun estate., software., land, property, city, project, builder, curriculum., home, game verb .build, sell, require, .create, .buy, allow., plan, seek, •agree, own $8121 \mid 0.88 \mathrm{~N}$

## 3546 legend $n$

adj urban, living, local, ancient, Indian, golden, Arthurian, famous, medieval noun myth, stuff. history, music., rock, blue., baseball., jazz. verb become., .grow, .surround, inspire, bear., replace., print, feature., .persist, .circulate
7623 | 0.93

## 3547 excitement $n$

adj sexual, full, growing, initial, tremendous, nervous, sheer, intellectual noun lot., sense., eye, voice, kind., energy, air, level, fear, fun verb feel, generate, create. add., bring., contain., share., fill, experience,
.surround
7483 | 0.95

## 3548 enforce $v$

noun $\cdot$ law, rule, .regulation, state, right, standard, policy, government., court, power., .agreement, order, police., sanction, authority. misc .environmental, federal, strictly., .existing, difficult., failo, responsible., vigorously, rarely.
$7746 \mid 0.92$ A

## 3549 murder $v$

noun people, man, wife, child, woman, father, husband, mother, daughter, son, brother, girl, parent, police, night misc brutally., accuse., kill, torture, attempt., whose., allegedly. 7726 | 0.92 S

## 3550 occasional $j$

noun series, use, visit, article, call, problem, piece, trip, tree, appearance, sound, visitor misc only, even, except, despite, well, punctuate, than 7485 | 0.95

## 3551 cowboy $n$

adj black, urban, gay, wild, authentic, lonesome, lone, pointy-toed, aging noun .hat, .boot, movie, Indian, jeans, shirt, rodeo., bowl, season, team verb wear., , win, .ride, watch., sing, beat, dress., feature., marry., .rank 7917 | 0.90 N

## 3552 minimum $j$

noun wage, standard, requirement, level, size, age, investment, number, amount, increase, tax, sentence

## 3643 hurry $v$

noun door, .room, .street, car, .kitchen, .hall, .step, foot, window, crowd, hallway, footstep, daddy
misc .out, .off, .toward, .away, .through, .over, .past, .across, better., please.
up .wait, better., .finish, please
8055 | 0.86 F
3644 insect $n$
adj other, beneficial, small, aquatic, tiny, flying, dead, certain, native, giant noun plant, bird, .pest, disease, species, .repellent, scale., fish, .bite, food verb eat, kill., feed, attract, control., catch, .fly, .crawl, collect, swarm
$8282 \mid 0.83 \mathrm{M}$
3645 arena $n$
adj political, new, public, international, main, global, downtown, electoral noun sport., .stage, policy, stadium, .football, center, league, basketball., ice., hockey. verb enter., build, fill, step., compete, pack, dominate, house, finance, constitute.
7444 | 0.92 A

## 3646 drift $v$

noun eye., cloud, mind., smoke., thought., boat, snow, water, .room, air, .sleep, window, .current, sea, music. misc .into, .away, .through, .toward, let., .across
off .sleep, .into, .again, voice., thought, last., .wake, herself., slowly., .somewhere back .sleep, mind., thought., .toward
7667 | 0.90 F

## 3647 notice $n$

adj short, public, written, special, prior, advanced noun moment., day, advance., hour., week, eviction. month., .appeal verb take., give., put., receive., escape., send, serve., post, issue, attract. 7199 | 0.96

## 3648 domain $n$

adj public, eminent, private, specific, different, affective, academic, cognitive, exclusive, various noun .name, knowledge, life, decision, policy., score, development, sport, loss., source. verb enter., relate, define, exercise, register, extend, expand, address, establish, assess 8023|0.86 A

## 3649 cave $n$

adj dark, mammoth, deep, nearby, underwater, prehistoric, shallow, secret noun wall, mouth, entrance, .painting, mountain, bat, snow. floor, rock, wind verb live., hide, explore, enter., discover, crawl., visit., sleep, .belong, occupy
7657 | 0.90 F
3650 African-American $j$
noun community, student, history, study, culture, voter, people, population, experience, art, artist 7978 | 0.86

## 3651 consistently $r$

.high, show, .low, report, .support, study., level, apply, research., .rank, poll., produce, fail, .demonstrate 7461 | 0.92 A

3652 leap $v$
noun heart., .air, flame., car, water, tree, door, arm, dog., window, mind, fire, wall, .conclusion, cat. misc .from, .into, .out, .over, .onto, .forward, .ahead, toward, .grab
7813 | 0.88 F

## 3653 final $n$

adj regional, national, open, sectional, consecutive 100-meter, all-American noun game, conference, year, cup., team, .minute, .week, tournament., point verb reach., win, play, lose, advance., contain, .consist, score, miss., include
8072 | 0.85 N

## 3654 effectiveness $n$

adj institutional, instructional, overall, relative, organizational, long-term, perceived noun program, study, teacher, intervention, safety, costo, research, measure, treatment, strategy verb evaluate. determine., assess., improve., increase., demonstrate. enhance., examine., reduce, depend 8204 | 0.84 A

## 3655 maximum $j$

noun rate, amount, number, security, speed, level, sentence, benefit, value, prison, score, efficiency misc possible, reach, provide, achieve, allow, minimum, set, allowable
7567 | 0.91 A

## 3656 array $n$

adj wide, vast, broad, large, impressive, diverse, dizzying noun .service, . program, .option, . product, .color, telescope, sensor, .choice, .material verb offer., provide, include., produce., contain, face., feature., consist, .range, •measure
7537 | 0.91 A

## 3657 unexpected $j$

noun way, place, event, result, finding, turn, death, change, problem, twist, effect, development misc something, most, happen, totally, expect, sudden, completely


3658 curtain $n$
adj heavy, final, sheer, thick, thin, gauzy, yellow, beaded, front, light noun window, iron., shower., lace., side, velvet., .call, .rod, door verb draw, pull, open, close, hang, fall, part, lift, .rise, watch 7590 | 0.90 F

## 3659 sandwich $n$

adj grilled, cold, fresh, favorite, peanut-butter, halfeaten, green, toasted, delicious, tasty noun cheese., salad, butter., peanut., chicken., turkey., ham., tuna., .shop verb make, eat., serve, order., bring., buy, finish., munch., sell., place
7441 | 0.92 F

## 3660 peaceful $j$

noun solution, resolution, world, means, settlement, coexistence, way, life, place, transition, change, protest misc more, nuclear, quiet, democratic, relatively, political, stable, seek 7279 | 0.94

3661 humanity $n$
adj common, full, shared, basic, very, essential, modern, suffering noun crime., habitat., nature, rest., future, history, whole, sense, genocide, piece. verb commit, deny, save, face, recognize, benefit., destroy., .survive, unite, diminish 7533 | 0.91 A

## 3662 prediction $n$

adj dire, accurate, true, early, future, theoretical, significant, correct, optimistic, general noun model, result, accuracy, climate, weather., .outcome, analysis,

## 30. Phrasal verbs

Phrasal verbs present a problem for non-native speakers in English because these verbs are often so idiomatic. For example, in the following phrases the phrasal verb (bold) does not literally mean out, up, or over: the play turned out well, I didn't make up the answer, they took over the city. The following is a list of the 100 most frequent phrasal verbs in the Corpus of Contemporary American English.

Note that the part of speech tagger does not attempt to separate more literal and more figurative meanings (he looked up the ladder / he looked up several words; she went on a boat / she went on and on), and so the following frequencies include both types of meanings. Note also that these frequencies do not include separated phrasal verbs (pick it up, wake the children up). Finally, note that these are grouped by lemma, so come back = come / comes / came / coming back, etc.

| Frequency | Phrasal verb | Frequency | Phrasal verb | Frequency | Phrasal verb |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 56638 | go on | 11233 | be back | 5489 | come over |
| 40285 | come back | 10733 | wake up | 5446 | hold on |
| 37168 | come up | 10698 | look back | 5274 | line up |
| 35719 | go back | 10328 | go away | 5254 | hang on |
| 33613 | pick up | 10038 | take off | 5251 | go through |
| 28067 | find out | 9841 | carry out | 5222 | turn up |
| 26705 | come out | 9092 | look down | 5214 | pay off |
| 26094 | go out | 8851 | take up | 5194 | bring in |
| 25268 | grow up | 8736 | look out | 5182 | turn back |
| 23949 | point out | 8266 | take over | 5156 | hang up |
| 23563 | come in | 8033 | pull out | 5039 | put out |
| 23284 | turn out | 7932 | hold up | 4998 | break up |
| 21711 | set up | 7619 | move on | 4992 | lay out |
| 19900 | end up | 7511 | go in | 4958 | hang out |
| 18558 | give up | 7458 | catch up | 4944 | welcome back |
| 18207 | make up | 7457 | open up | 4874 | build up |
| 17658 | be about | 7381 | reach out | 4853 | start out |
| 17375 | sit down | 7342 | turn around | 4822 | slow down |
| 17356 | look up | 7237 | look around | 4817 | sit up |
| 16116 | come on | 7056 | take out | 4792 | get away |
| 15388 | get up | 6846 | go off | 4719 | move in |
| 14697 | take on | 6693 | put up | 4513 | look over |
| 14609 | go down | 6378 | set out | 4481 | pull up |
| 14505 | figure out | 6376 | break down | 4472 | walk away |
| 14368 | show up | 5981 | keep up | 4413 | call out |
| 13668 | get back | 5915 | bring up | 4346 | hold out |
| 12733 | come down | 5891 | check out | 4193 | cut off |
| 12618 | go up | 5736 | wind up | 4164 | take away |
| 12600 | get out | 5690 | clean up | 4017 | bring about |
| 12559 | stand up | 5557 | shut down | 3981 | come along |
| 3952 | run out | 3901 | stand out | 3826 | sign up |
| 3935 | bring out | 3827 | set off | 3804 | back up |
| 11512 | work out | 5491 | go over |  |  |

## 3763 grip $n$

adj firm, strong, tight, overhand, better, powerful, underhand noun hand, arm, •power, death., edge., bar, iron., strength, finger, pistol. verb come., get., lose., tighten, loosen., keep., release., hold, relax., break.
7104 | 0.92 F

## 3764 profound $j$

noun effect, change, impact, implication, sense difference, influence, consequence, experience, question, loss, transformation misc more, most, such, social, human, express, economic, undergo 6967 | 0.94 A

## 3765 trigger $v$

noun .reaction, •response, event, .memory, attack, change, war, alarm, action, .release, crisis, stress, explosion, process, death misc likely., nuclear, immune, certain, automatically.
6987 | 0.94 M

## 3766 stuff $v$

noun pocket, mouth, hand, envelope, turkey, chicken, .face, bill, .cheese, food, clothes, tomato, rice, meat, ball misc .into, •them, .inside, •under, .full,
.themselves
7042 | 0.93 F

## 3767 uncertainty $n$

adj great, economic, political, scientific, future, strict considerable, verbal noun risk, .principle, fear, level., lot., condition•, period., sense, situation, degree. verb create, reduce., .surround, face, add., remain, cause, .exist, remove., express
7155 | 0.91 A
3768 driving $j$
noun force, range, rain, record, distance, school, tour test, experience, condition, skill, habit misc behind, drunk, drunken, keep, reckless, within, arrest,
intoxicate
6834 | 0.95

## 3769 enthusiasm $n$

adj great, full, infectious, initial, contagious, youthful renewed, unbridled, popular noun energy, lack., student, lot., interest, level, excitement, project, passion verb share., show., dampen., generate, lose. express., curb., greet., .wane, inspire $6781 \mid 0.96$

## 3770 complexity $n$

adj great, increasing, social, human, cognitive, political, cultural, growing, increased, full
noun system, level., dife, issue, size.
task, .relationship, diversity, depth, cost
verb understand., add., increase, reduce., reveal., recognize., capture., illustrate. .arise, ignore.
$7279 \mid 0.90 \mathrm{~A}$

## 3771 excuse $n$

adj good, lame, poor, perfect, convenient, sorry, valid, legitimate noun explanation, .failure, sort., justification, abuse, list., .inaction verb make., use. give., find., provide., •avoid, stop, accept., •ignore, invent.
6793 | 0.96

## 3772 cafe $n$

adj outdoor, grand, downtown, nearby, crowded, favorite, open-air noun restaurant, street, .standard,
bar, sidewalk., table, Internet., coffee, owner, .society verb sit, open, .serve, eat, own, drink, hang, line, enter., $\cdot$ host
$7226 \mid 0.90 \mathrm{~N}$

## 3773 survey $v$

noun student, .scene, study, area, .room, group,
teacher, .damage, American., university., Ilandscape, analyst., land, field, researcher misc .report, recently., .determine, .indicate, nearly, .regarding, conduct, briefly
6937 | 0.94 A

## 3774 virtual $j$

noun reality, world, community, tour, environment, space, monopoly, computer, network, technology, machine, library misc create, become, real, unknown, actual, electronic, interactive, digital $7123 \mid 0.91$

## 3775 undermine $v$

noun effort, .credibility, .authority, .confidence, system, .ability, policy, .support, .legitimacy, democracy, .stability, regime, attempt, .integrity, .claim misc try., far., threaten., public, economic, seriously., .traditional, seek., tend., military, severely.
7174 | 0.91 A

## 3776 unity $n$

adj national, political, Christian, cultural, racial, visible, thematic noun government, church, sense., party, diversity, organization., family, . purpose, peace, principle verb maintain., achieve, promote., create., form., preserve., seek, depend, .prevail 7378|0.88 A

## 3777 chaos $n$

adj economic, total, political, social, complete, civil, utter, controlled noun order, .theory, war, confusion, violence, anarchy, kind., midst., disorder verb create., bring, cause, lead, .follow, •reign, descend., throw., result, eensue 6748|0.96

## 3778 commonly $r$

most., .use, more., .used, .call, .find, .refer, .associate, .hold, .report
7287 | 0.89 A

## 3779 endless $j$

noun possibility, stream, hour, supply, series,
list, cycle, line, variety, war, summer, number
misc seemingly, seem, almost, spend, blue,
gray, virtually
6845 | 0.95

## 3780 rhetoric $n$

adj political, classical, inflammatory, harsh,
nationalist, religious, empty, common, fiery, official
noun kind., campaign, .reality, war, action, lot., policy, art, politics, gap. verb use, .suggest, match, employ, .surround, .sound, avoid., soften., .emphasize, combine
7284 | 0.89 A

## 3781 trait $n$

adj common, certain, positive, human, cultural, genetic, personal, different, specific, desirable noun personality., .anxiety, character., gene, measure, value, scale, behavior, individual, plant verb share, associate, possess., exhibit., identify, inherit, develop, pass, define, reflect
7450 | 0.87 A

## 3888 chronic $j$

noun disease, pain, illness, condition, fatigue, problem, patient, syndrome, health, infection, stress, treatment misc suffer, acute, such, cause, treat, medical, obstructive, pulmonary
7390 | 0.84 A
3889 evil $j$
noun spirit, man, empire, eye, people, thing, force, person, act, scientist, twin, power misc good, off, inherently, truly, intrinsically, dead, Soviet
6545 | 0.95
3890 handsome $j$
noun man, face, woman, boy, guy, feature, prince, building, son, hair, husband, couple misc young, very, tall, strong, dark, rich, charming, quite 6878 | 0.90 F

## 3891 finish $n$

adj best, second-place, third-place, strong, smooth, predicted, fourth-place, top, original, fifth-place noun .line, start., race, matte., photo., point, season, place, surface., color verb let., cross., apply, paint,
reach., fight.
6801 | 0.91 M N

## 3892 hug $v$

noun arm, mother, .knee, father, mom, body, .tree, girl, .ground, .wall, boy, ewife, .coast, baby, dad misc .her, .him, she, •me, kiss, .other, eeach, around, .tightly, hold, .hard
6873 | 0.90 F
3893 wow $u$
oh., really, ye 7202 | 0.86 S

## 3894 pursuit $n$

adj hot, trivial, relentless, intellectual, academic, individual, active, common, aggressive, single-minded noun .happiness, liberty., truth, goal, .knowledge, .justice, leisure, . excellence, team, .pleasure verb continue., follow, engage., abandon., encourage., facilitate., devote., justify. 6566 | 0.94 A

## 3895 residence $n$

adj private, permanent, primary, official, current, principal, temporary, legal noun .hall, place., age., year, ambassador, artist., home, length., location, occupation. verb take., enter, maintain., establish., occupy, secure, search., grant., .resemble 6620 | 0.94

## 3896 loud $r$

out., laugh., so., enough, too., .clear, hear, as., read., cry., voice, very., talk., music
6843 | 0.90 F

## 3897 promising $j$

noun result, research, future, approach, career, technology, drug, area, treatment, student, development, sign misc most, look, new, more, young, seem, several, appear
6502 | 0.95

## 3898 disk $n$

adj hard, floppy, compact, herniated, solar, optical, flat noun .drive, computer., .space, accretion., file, galaxy, data, .jockey, plastic, surface verb form, surround, appear, .contain, store, save., remove, rotate, spin, flatten.
7589 | 0.82 M

## 3899 doorway $n$

adj open, arched, dark, narrow, empty, front, lighted noun room, kitchen, bedroom, window, office, hall, step., bathroom, parlor verb stand., appear., watch, stop, walk, lean., .lead, pause., fill
7307 | 0.85 F

## 3900 diagnosis $n$

adj differential, early, medical, clinical, psychiatric, accurate, initial, definitive, correct noun .treatment, cancer, year., patient, disorder, disease, doctor, symptom, age., depression verb make, confirm, receive., .base, include, establish, support, accept., obtain, vary
7764 | 0.8 A

## 3901 scout $n$

adj pro, local, chief, Iongtime, veteran, lunar, experienced noun boy., girl., .troop, eagle., life., .leader, talent. verb earn, join, send, . prepare, attend, impress., sue, hire, •ride, recruit
7955 | 0.78 M

## 3902 cancel $v$

noun flight, .trip, .plan, show, .contract, .order, .appointment, .subscription, service, airline., official, tour, month, concert, performance misc after, last, .each, .other, force., delay., decide., threaten., abruptly.
6479 | 0.95

## 3903 desire $v$

noun information, result, outcome, weight, goal,
top, mixture, peace, seed, minute, privacy, unity, reduction, happiness, $\cdot$ grace misc leave., whatever., place, immediately, additional, fresh, truly.,


3904 amid $i$
stand., .chaos, set., .report, sit., .concern, .growing, resign., .tree, •allegation, .charge, .controversy, .economic, .crowd
6579 | 0.94 N

## 3905 envelope $n$

adj stamped, self-addressed, white, sealed, brown, thick, outer, business-size noun manila., hand, letter, return, back, paper, .pocket, stamp, address, coin. verb push., open., .contain, put, send, pull, hold,
seal, pick, place
6673 | 0.93 F
3906 sooner $r$
.later, .than, no., .rather, come., much., .better, happen., start, die, expect, lot., maybe, .expected
6437|0.96

## 3907 beam $n$

adj high, wooden, narrow, exposed, low, main, single, powerful, heavy, x-ray noun laser., dight, flashlight, electron., ceiling, steel., balance. verb use, focus, shine, sweep, .hit, shoot, support, direct, send, produce
7196 | 0.85 F

## 3908 reluctant $j$

noun official, leader, witness, reader, warrior, hero, decision, smile, acquiescence misc very, may, seem, talk, leave, often, accept
$6377 \mid 0.96$

4029 shortage $n$
adj severe, critical, chronic, serious, nursing, acute, special, future, widespread, foreign noun food, water, labor., teacher, housing, worker, power., area, priest verb face., cause, create, suffer., lead, experience., result, address., .force, reduce
6300 | 0.93

## 4030 reception $n$

adj warm, cool, critical, mixed, enthusiastic, chilly, hostile noun .area, wedding., .room, .desk, cocktail., .dinner, .hall, touchdown. verb hold, receive, include., follow, attend., host, feature, enter., honor, .celebrate 6300 | 0.93

## 4031 offering $n$

adj public, initial, new, late, burnt, secondary, academic, traditional, recent, current noun stock, course., .price, program, share, service, product., peace., market, college verb .include, expand., raise, place, .range, complete, accept, improve, enhance,
.attract
6350 | 0.92

## 4032 huh $u$

uh., .yeah, no, .oh, pretty., .yes, bad., cool., nice., .OK, stuff., funny.
7050 | 0.83 S F

## 4033 credibility $n$

adj instant, scientific, moral, institutional, perceived, academic, added noun .problem, issue, witness, lot., .gap, loss., .public, source, legitimacy verb lose., give., undermine., establish., lend., gain., damage., restore., destroy., lack.
$6313 \mid 0.93 \mathrm{~S}$
4034 chin $n$
adj double, pointed, strong, sharp, cleft, bearded, pointy noun hand, nose, eye, .chest, head, cheek hair, finger, shoulder, lip verb lift., rest, rub., tuck, raise, scratch., stroke., tilt, jut, drop 6760 | 0.87 F

## 4035 physics $n$

adj nuclear, theoretical, applied, modern, fundamental, atomic, high-energy noun law. chemistry, professor, particle., quantum., .department, student, science, biology, prize. verb teach, study., understand, predict, .assume, earn., defy., govern, .dictate, solve 8709 | 0.67 A

## 4036 vanish v

noun .air, face, smile., light., moment, month, tree, fear., sun., sky, minute, screen, .crowd, grin., pain. misc before, seem., simply., , without, quickly 6477 | 0.91 F

## 4037 blend $v$

noun mixture, egg, color, ingredient, flavor, bowl, flour, sugar, oil, butter, salt, blender., cream, sound processor. misc ewith, untilo, .into, well, stir, .together
in .with, well, .better, almost., able., easily, perfectly, ability., .among, seamlessly
6606 | 0.89 M

## 4038 noon $n$

adj high, past, hot, bright, following, sunny noun day, morning, time, sun, hour, .night, sale. verb begin, start., arrive, sleep., wake, finish, drink. $6648 \mid 0.88 \mathrm{~N}$

## 4039 precious $j$

noun time, metal, life, resource, stone, thing, commodity, moment, gift, child, water, gold misc most, few, more, too, something, waste, lose, spend
6130 | 0.96

## 4040 command $v$

noun .attention, .respect, force, .price, army, general, troop, God., voice, .support, officer, division, king., authority, colonel misc .high, special., military, top, naval
6246|0.94

## 4041 wake $n$

adj Irish, immediate, deadly, devastating, turbulent, foaming noun .war, .attack, .hurricane, .scandal, boat, .death, .disaster, .tragedy, .bombing, oisland verb leave., follow., trail., emerge., attend., form., suffer.
6093 | 0.96

## 4042 flip $v$

noun .switch, .page, .light, .coin, book, hair, hand, head, .channel, car, side, .card, paper, air, radio misc .over, .through, oopen, then., .off, .back, down, .onto, .upside, .forward
$6510 \mid 0.90 \mathrm{~F}$
4043 scary $j$
noun thing, movie, part, story, thought, place, stuff, guy, situation, face, feeling, experience misc it, very, really, little, pretty, too

adj frozen, local, grilled, fresh, leftover, cold, refrigerated noun slice, .crust, .parlor, cheese, .dough, .box, .delivery, pasta, pepperoni., .place verb eat., order., deliver, serve, bake, pick, sell, taste
6330 | 0.92

## 4045 toilet $n$

adj portable, public, composting, chemical, closed, marine noun .paper, .seat, water, .bowl, roll, shower, sink, .training, bathroom, .tank verb flush, use., sit., clean., throw, scrub, install, .train, fix., overflow 6336 | 0.92 F

## 4046 representative $j$

noun sample, government, democracy, group, committee, body, data, institution, example, figure, system, sampling misc nationally, truly, select, democratic, broadly, obtain, fairly 6495 | 0.90 A

## 4047 silk $n$

adj black, white, red, blue, green, fine, yellow, embroidered, pink, raw noun .dress, .shirt, .scarf, .tie, .blouse, cotton, .gown, suit, jacket, .robe verb wear., wrap, cover, remove, hang, pull, drape, weave, line 6474 | 0.90 F

4048 bid $n$
adj presidential, low, hostile, winning, Olympic, unsuccessful, successful, failed, automatic noun .committee, re-election, city, price, takeover., reelection verb make., lose., win, submit, accept, receive, reject., fail, launch. solicit.
$6525 \mid 0.90 \mathrm{~N}$

## 4169 equip $v$

noun computer, force, kitchen, device, army,
.technology, •equipment, .radio, vvideo, facility,
.weapon, engine, .bag, classroom, .knowledge
misc .with, better., fully., well., train
5985 | 0.93 M

## 4170 wagon $n$

adj old, covered, red, horse-drawn, welcome, empty, wooden, mule-drawn noun station., .train, .wheel, horse, back., road, family, paddy., ride, hay. verb pull, drive, circle., load, fall., hitch., .roll, carry,
haul, push
6145 | 0.91 F

## 4171 besides $i$

other., something., one, only, else., .fact, anything., anyone., someone., factor., .obvious, option., .usual, .myself
5729 | 0.97

## 4172 output $n$

adj total, high, economic, industrial, low, maximum, current, annual, agricultural, cardiac noun input., power., percent, level, energy., growth, price, rate, oil., signal verb produce, reduce, measure, provide, boost., decline, .fall, .rise, raise, require
6667 | 0.83 A

## 4173 withdrawal $n$

adj unconditional, immediate, complete, military, social, full, early, total noun troop, .force, .symptom, timetable., plan, bank, water., reason, date, sport verb call., begin, lead, announce., demand., follow, allow, occur, trigger
6099 | 0.91

## 4174 elder $n$

adj tribal, young, Asian, traditional, Indian, respected, male, ethnic, chief, rural noun village., minority., family, church, community, surgeon, .statesman, council, party., leader verb speak, respect., teach, .die, listen, share, interview, gather, honor.,
-participate
$6320 \mid 0.88 \mathrm{~A}$

## 4175 cage $n$

adj gilded, empty, wooden, indoor, golden, loose, locked, ornate noun rib., bird., wire., door, batting. bar, metal., steel. verb open, rattle., place, clean., .contain, hang, lock., build, pull, escape.
6092 | 0.91 F

## 4176 coastal $j$

noun area, water, city, state, town, region, community, zone, development, wetland, island, forest misc along, marine, southern, northern, arctic, inland, protect, plain
6338 | 0.88 A

## 4177 patience $n$

adj little, thin, infinite, endless, exaggerated, considerable, enormous, incredible noun time, lot., virtue, perseverance, persistence, skill, love, practice, understanding, tolerance verb lose., require, need., run, try, learn., show., wait, .wear, test. $6050 \mid 0.92$

## 4178 shallow $j$

noun water, dish, bowl, pan, pool, lake, grave, baking, breathing, end, breath, area misc into, large, wide, place, deep, relatively, near, along
5995 | 0.93 M

## 4179 earthquake $n$

adj major, strong, devastating, powerful, massive, natural, future, huge, deadly noun fire, magnitude, flood, hurricane, damage, victim, fault, . insurance verb .hit, .strike, cause, .occur, shake, follow, kill, destroy, trigger, survive. $6180 \mid 0.90$ S

## 4180 voting $n$

adj electronic, early, conservative, congressional, liberal, weighted, computerized noun .right,
.record, .machine, .booth, .act, .system, .bloc, member, percent., election verb consider. prevent., influence., extend, affect., abstain., lower., restore, .consist
6023 | 0.92

## 4181 input $n$

adj public, sensory, direct, agricultural, visual, significant, creative, organic, parental noun .output, data, student, level, signal, energy, process, community, .device, teacher verb provide., use, require, seek., receive, base., include, solicit., differ, generate
6529 | 0.85 A

## 4182 canvas $n$

adj large, white, blank, black, stretched, entire, green noun oil., .bag, paint, painting, color, paper, .tent, acrylic., panel, artist verb cover, stretch, tone, hang, carry, mount, capture, prepare, depict, stare.
$7232 \mid 0.77 \mathrm{M}$
4183 slide $n$
adj original, downward, electric, downhill, slow, linear, steep noun .show, color., water., film, . presentation,
division, .competition, . projector, .rule verb use, send,
stop., project, present, reverse., prepare, place, view, shoot
7249 | 0.76 A

## 4184 click $v$

noun .button, site, heel, door, link, icon, tab, mouse, .tongue, box, camera., file, phone, folder, lock misc .off, .on, something., open, .away, .shut, .together, choose, select, online
6609 | 0.84 F M

## 4185 sword $n$

adj double-edged, two-edged, short, flaming, magic, ceremonial, bloody noun hand, blade, hilt, shield, samurai., arm, fire., .fight, .scabbard, .sheath verb draw., hold, raise, swing., carry., fall, hang, pull. wield., .cut
6493 | 0.85 F

## 4186 mate $n$

adj running, potential, perfect, ideal, suitable, prospective, chief noun soul., male, choice, female, band., selection, office., cell., .class verb find., choose., attract., meet., pick., seek., select., .possess, guard, cheat
5978 | 0.93 M

## 4187 portfolio $n$

adj diversified, average, entire, professional, overall, electronic, personal, senior, balanced noun stock, .manager, investment, fund, assessment, bond, company, loan., growth, .management verb include, diversify., build., hold, manage, invest, create. develop, buy, .contain 6975 | 0.79 M

## 4310 ambitious $j$

noun plan, project, program, goal, effort, man, agenda, woman, undertaking, politician, proposal, campaign misc most, more, young, too, less, far, overly 5573|0.94

## 4311 actively $r$

.involved, participate, .engage, .seek, student, .involve, work, .support, . promote, . pursue, become., encourage
5790 | 0.91 A

## 4312 flexibility $n$

adj great, regulatory, maximum, increased, local, considerable, financial, operational noun strength, state, .analysis, degree., need., freedom, lot., endurance, design, cost verb give., allow, provide, offer., increase., show., improve, require, maintain., demonstrate. $5763 \mid 0.91$ A

## 4313 jar $n$

adj full, empty, little, clean, tight-fitting, sterilized, ceramic, cool, sealed, airtight noun glass., water, cookie., lid, Mason., pickle, canning., jelly, butter, food verb fill, open., hold, cover, place, set, .contain, store, shake, sterilize.
5778 | 0.91 F M

## 4314 cocaine $n$

adj powdered, prenatal, pure, alleged, raw, refined noun crack., heroin, use, marijuana, drug, possession, user, addiction, powder, alcohol verb sell., buy., test., snort., deal, flood, .originate
5754 | 0.91

## 4315 incredibly $r$

.important, .difficult, feel., . powerful, .strong,
.beautiful, .hard, .complex, .lucky, •rich 5572 | 0.94 S

## 4316 consequently $r$

.teacher, behavior, performance, environment., lack, purpose, .tend, participant
6089 | 0.86 A

## 4317 documentary $n$

adj new, best, short, award-winning, historical, acclaimed, controversial noun film, evidence, .filmmaker, television, .series, TV, history, subject, video, producer verb produce., watch., direct, shoot, feature, narrate, capture, .explore, .chronicle, .trace 5667 | 0.92 N

## 4318 charge $i$

(in charge of) .of, who., put., man., official., .operation, president., agent., .security, special., vice. officer., person., agency.
5488 | 0.95

## 4319 insert $v$

noun .center, gene, toothpick., thermometer, tube, needle, card, key, knife., catheter, minute., doctor., .end, .portion, .finger misc .into, .come, .through, .register, bake., tiny, remove, thin
5635 | 0.93 M

## 4320 ambition $n$

adj political, personal, territorial, global, regional, modest, driving, secret, blind, stated noun dream., goal, desire, drive, lack., career., talent, greed, energy., .tour verb .become, realize, harbor., pursue., fulfill., achieve, match, motivate, satisfy., expand 5507|0.95

## 4321 functional $j$

noun assessment, status, analysis, limitation, group
unit, area, impairment, vision, level, capacity, food
misc fully, such, structural, behavioral, highly,
decorative, than, beautiful
6208 | 0.84 A

## 4322 bankruptcy $n$

adj personal, federal, corporate, moral, near, potential, intellectual noun .court, . protection, company, chapter., .law, filing, year, .judge, case, airline verb file., declare., force., emerge., seek., face., avoid., sell, rise, .wipe
5868 | 0.89 N

## 4323 runner $n$

adj front, high, long-distance, cross-country, fast, red, fastest, successful, male, avid noun distance. marathon.,. position, base, road., blade., group, race, wind., drug. verb move, hit, throw, .steal, cross, .compete, advance, .complete, .gain, tag. 5855 | 0.89 N

## 4324 execution $n$

adj public, mass, scheduled, actual, perfect, poor, extrajudicial, parallel noun .unit, stay., method, death, instruction, planning., .chamber, .date verb witness., carry, stop., await., order., watch., proceed, deter 5886 | 0.89

## 4325 crush $v$

noun garlic, skull, car, .press, .death, army, weight, head, .rebellion, leg, bone, cigarette, body, ground tank misc .under, •against, •beneath, nearly., easily, fresh
5525 | 0.95

## 4326 buddy $n$

adj old, best, sorry, running, longtime, muddy noun •guy, school, .system, college., army., shot., fishing., drinking., hunting. verb drink, hire, cheer, impress, rescue., .swear, chat, assign., .skip, exercise. 5949 | 0.88

## 4327 workplace $n$

adj safe, changing, drug-free, healthy, modern, flexible, friendly noun woman, home, safety, school, discrimination, harassment, problem, violence, employee, issue verb create, enter., test, affect, improve, occur., address., succeed., foster 5734 | 0.91

## 4328 skull $n$

adj human, fractured, thick, full, complete, tiny, soft, bald noun bone, base, back., brain, fracture, top., hole., .crossbone, .cowboy, piece verb crush, crack., open, smash, fill, suffer., penetrate., grin, belong 5757 | 0.91 F

## 4329 cord $n$

adj spinal, umbilical, vocal, electrical, long, electric, thin, light noun .injury, .blood, extension., power. bungee., phone., cell, end, rip., telephone. verb cut. pull., tie, wrap, attach, hang, yank., stretch, connect, strike.
5660 | 0.92

## 4330 fixed $j$

noun rate, income, price, cost, amount, exchange, mortgage, point, system, position, number, asset misc remain, pay, than, such, within, rather, monthly, per
5667 | 0.92 A

## 4452 gaze $v$

noun face, room, star, moment, .sky, .distance, .ceiling, wall, glass, .sea, •awe, .darkness, •wonder, .horror, .surprise misc .at, .into, .out, she., .down, .across, .through, .over, . upon, .toward, .off, sit. 5837 | 0.86 F

## 4453 publicity $n$

adj bad, negative, free, national, pretrial, adverse, positive, favorable noun .stunt, lot., .campaign, kind., .director, media, effort, .tour, glare., amount. verb get, receive, .surround, generate, seek., avoid., attract, gain.
$5290 \mid 0.95$
4454 compel $v$
noun government, force, reason, story, law,
court, .compliance, .testimony, •reader, attention, authority, statement, argument, individual,
.conclusion misc .act, seek, .testify, •accept
$5321 \mid 0.94 \mathrm{~A}$
4455 cease $v$
noun .fire, .operation, activity, •publication, production, hostility, rain., movement, conversation., attack, union., noise., .participation misc .exist, never., .desist, .amaze
5305 | 0.95
4456 ideal $n$
adj democratic, high, political, cultural, national, classical, lofty, Christian, human, societal noun value, .democracy, beauty, freedom, idea., nation, body, goal, reality, community verb live., embody, promote, represent, base, remain, uphold., embrace., express,
associate
5599|0.90 A
4457 decorate $v$, house, tree, home, Christmas,
noun room, wall, ho office, table, .picture, building, .motif, cookie, pattern, light, .style misc ewith, beautifully., .colorful, elaborately., .desire, lavishly
5540 | 0.91 M
4458 surrounding $j$
noun area, community, tissue, water, countryside, county, neighborhood, hill, city, region, land, town misc above, soft, buzz, Arab, scan, urban, rural, healthy 5381 | 0.93

## 4459 exclusively $r$

almost., focus., use., rely., devote., .male, deal., primarily., base, concentrate., .heterosexual 5475 | 0.92 A

## 4460 bonus $n$

adj added, annual, extra, unexpected, nice, huge, generous noun signing., salary., .point, cash., company, program, benefit, Christmas. verb receive., pay, give, offer., earn, include, award, raise, .total, .range 5534 | 0.91 N

## 4461 unprecedented $j$

noun level, number, history, opportunity, step, power, rate, scale, growth, access, way, effort misc almost, economic, face, win, enjoy, reach, international 5328|0.94

## 4462 oversee $v$

noun .operation, . program, committee., agency, department, state, . project, board., company, .development, government, service, .construction,
.work, security misc who., which., federal, charge., national, responsible., .billion, financial, appoint., .day-to-day
5426 | 0.92 N

## 4463 touchdown $n$

adj winning, rushing, only, offensive, game-winning, fourth-quarter, go-ahead noun yard., interception, .run, game, .season, return, .reception, punt, catch, career verb score., throw., .pass, lead, rush, allow., .seal $6413 \mid 0.78 \mathrm{~N}$

## 4464 federation $n$

adj national, American, international, retail, united, loose, civic noun wildlife., president, state, world., .teacher, woman, consumer., director., labor, .business verb form, represent, join, .announce, .declare, found, sponsor, suspend
5476 | 0.92 N

## 4465 aggression $n$

adj physical, relational, sexual, reactive, proactive, verbal, instrumental, hostile, Iraqi, adolescent noun act., war., behavior, level., violence, sport, form., life, peer verb stop., associate, deter., commit, prevent., observe, resist., .occur, condemn., decrease 5903 | 0.85 A

## 4466 behalf $i$

(on behalf of) .of, on., speak., work., act., file., .American, United States, government, .client, effort., action., suit., lawsuit.

noun name, figure, artist, company, fact, writer, author, example, family, actor, book, brand misc most, become, less, súch, including, among, include, several


## 4468 donation $n$

adj private, charitable, suggested, corporate, political, small, individual, generous, local, soft noun organ., campaign, egg., fund, blood., cash., community, organization, sperm., member verb make, accept, receive., send, solicit., raise, request, seek. $5406 \mid 0.93 \mathrm{~N}$

## 4469 desperately $r$

.need, try, want, so., .seek, .poor, search, help, hope,
fight, ill, slove
5268|0.95

## 4470 reward $v$

noun effort, behavior, work, system., performance, employee, .team, teacher, player, success, loyalty, investor, society, incentive., patience. misc ewith, .punish, often., .yourself, handsomely, financially 5233|0.96

## 4471 high-tech $j$

noun company, industry, equipment, firm, job, world, business, system, weapon, computer, worker, stock misc new, such, late, medical, expensive, modern, low-tech, electronic
$5459 \mid 0.92 \mathrm{M} \mathrm{N}$

## 4472 cheat $v$

noun wife, man, student, husband, .test, college, spouse, .death, .exam, .card, opportunity, marriage, .customer, athlete, .investor misc .on, lie, feel., steal, admit., someone., likely. 5287|0.95

## 4594 legally $r$

can, .blind, .binding, •require, .bind, allow, .recognize, .married, eentitle, .illegally, morally, •responsible 5047|0.95

4595 puzzle $n$
adj complex, giant, complicated, interesting, intricate, intriguing, wooden noun piece, crossword., jigsaw., -master, edition., game, book, .editor, answer, word verb solve, play., put, join, fit, present, remain, complete., assemble, finish. 5800 | 0.83 S

## 4596 icon $n$

adj American, cultural, religious, Byzantine, holy, beloved, pop-culture, feminist noun desktop, pop., style., fashion., status, church, art, rock. computer, relief. verb become., click, select, double-click., display, hide., touch, celebrate, resemble
$5459 \mid 0.88 \mathrm{M}$

## 4597 pat v

noun •back, hand, .shoulder, •head, •arm, .pocket,
.knee, .hair, face, dough, .neck, chicken., mixture, fish, finger misc .on, .her, .his, she., .dry, •my, rinse., gently
5428 | 0.89 F
4598 closest $j$
noun friend, thing, ally, adviser, relative, approach, aide, associate, competitor, point, confidant, neighbor misc one, come, ever, probably, perhaps, among, living 5019 | 0.96

4599 sneak $v$
noun .peek, .look, .glance, window, boy, .town, .cigarette, .bed, .attack, movie, bathroom, .apartment, .thief, .smoke, .peak misc .into, .out, try., .through, .away, .back, .across
5208 | 0.92 F

## 4600 fleet $n$

adj large, entire, Japanese, whole, British, foreign, French, Spanish, combined noun US., fishing., ship, car, vehicle, truck, sea, aircraft, bus, air verb build., operate, .sail, send, join., command, maintain, expand, arrive, .land
5309 | 0.91 M

## 4601 conservation $n$

adj environmental, marine, biological, tropical, integrated, community-based, ecological noun energy., water., wildlife., resource, soil. program, development, biodiversity, habitat., management verb promote., encourage, require, focus, support, protect, contribute., ,reduce, relate., prioritize.
5638 | 0.85 A

## 4602 supportive j

noun environment, family, relationship, service, parent, role, teacher, community, friend, group, policy, effort misc very, more, provide, less, mutually, generally, extremely, each
$5191 \mid 0.93 \mathrm{~A}$

## 4603 comparable $j$

noun level, size, rate, group, data, result, price, figure, study, period, quality, number misc than, those, roughly, offer, report, less, directly 5260 | 0.91 A

## 4604 texture $n$

adj rich, creamy, smooth, soft, rough, fine, light, firm, crunchy, chewy noun color, flavor, taste, shape, surface, skin, hair, form, pattern, size verb add. create, change., improve., achieve, lend., retain., vary, resemble, blend
5535 | 0.87 M

## 4605 access $v$

noun .information, Internet, service, site, student. data, .web, computer, user., .file, resource, record, material, ability., database misc can., give., othrough, able., allow., ,via, easily., deny., easy., .online, difficulto, directly, enable. 5280 | 0.91 A

## 4606 striking $j$

noun feature, difference, example, resemblance, contrast, similarity, thing, worker, woman, image result, aspect misc most, more, between, bear, perhaps, quite, particularly, bore
5162 | 0.93 A

## 4607 associate $j$

noun professor, editor, director, degree, justice, producer, pastor, program, research, curator, administrator, counsel misc senior, former, clinical, serve, general, athletic
5293 | 0.91 M

## 4608 Christianity $n$

adj early, evangelical, western, orthodox, traditional,
Catholic, Protestant noun Judaism, Islam, religion, history., conversion., form., attitude. verb convert. embrace, accept, reject, adopt., preach, spread, promote, emphasize, .flourish
5807 | 0.83 A

## 4609 dip $v$

noun water, hand, head, .finger, temperature. .percent, .toe, brush, sun., .egg, .chocolate, .sauce, bread, chip, mixture misc .into, .below, .low, .slightly, rise
down .into, then, road., head., .again, .toward 5151 | 0.93 F

## 4610 disappointment $n$

adj big, great, bitter, major, only, greatest, crushing, huge, deep, obvious noun frustration, face, anger, sense., season, failure, pain, surprise., look., feeling. verb express., feel, hide., set, suffer., deal., avoid., imagine.
5027|0.95

## 4611 sleeve $n$

adj short, left, empty, red, wide, rubber, protective noun shirt, jacket, arm, coat, face, trick., nose., sweater, heart., plastic. verb roll, pull, tug., wear. push, grab., touch., wipe, .reveal 5358 | 0.89 F

## 4612 socially $r$

.responsible, .acceptable, more., economically, .construct, politically, .conscious, behavior, .desirable, .conservative, become., .prescribed, culturally 5380 | 0.89 A

## 4613 wheat $n$

adj whole, white, shredded, golden, green, growing, cracked noun field, corn, flour, .bread, rice, .germ, barley, crop, grain, cup verb grow, plant, separate., harvest, cut, produce, eat. 5350 | 0.90
.decision, court, building, .ruling, , legislation, .book verb pass, designate., build, point., recognize, visit, preserve, search.
4941 | 0.93 N

## 4737 apart $i$

(apart from) .from, set., .other, quite., stand., live., .rest, .fact, .each, separate., .another, exist., .else, themselves.
4872 | 0.95 A

## 4738 instant $n$

adj brief, single, precise, exact, mere, fleeting, given noun .silence, .creation, .hesitation, surprise, .clarity verb feel, realize, change, hesitate., freeze, wonder, pause., disappear, last.
5248 | 0.88 F

## 4739 routinely $r$

use, test, patient, .ignore, doctor, police, •monitor, perform, .deny, .check, .beat, worker, •violate, agency.
4894 | 0.94

## 4740 butt $n$

adj big, fat, cute, bare, nice, tight, skinny, lazy noun cigarette., .joke, rifle, gun, pain., head., end,
leg, thigh, hip verb get, work., sit, bust., save., stick,
flick., throw, slide
5027 | 0.92 F

## 4741 forbid $v$

noun heaven., state, rule., government, .use, practice marriage, .contact, .discrimination, regulation, alcohol, doctor, employee, .sale, entry misc .any, shall, strictly., anything, federal, absolutely. 4778 | 0.96

## 4742 bomb $v$

noun US, Iraq, world, .Baghdad, building, .target, embassy, plane., war, Israel, harbor, site, air, warplane., aircraft. misc kill, plot., .noisy, military, threaten., heavily
4995 | 0.92 S

## 4743 migration $n$

adj great, mass, international, seasonal, black, urban, internal, massive, annual, rural noun pattern, .route, history, labor., process, study, bird, population, period, rate verb follow, .occur, lead, facilitate. encourage., associate., enable., prevent., contribute, .flow
5494 | 0.84 A

## 4744 carrot $n$

adj medium, shredded, chopped, fresh, raw, tender, hot, grated, wild, diced noun onion, celery, potato, cup, .stick, baby., .cake, .juice, parsnip verb add., peel, slice, chop, eat., dice, offer, dangle
5177 | 0.89 M

## 4745 harmony $n$

adj racial, perfect, social, natural, inner, close, vocal, complete, relative noun peace., .nature, melody, rhythm, color, balance, sense., order, unity, crystal. verb live., sing., create., work., bring., maintain., promote., achieve, restore., form
5023 | 0.91 A

## 4746 downtown $r$

city, street, drive., near, building., walk, .where, office, head., center, around., hotel, store., historic. 5135 | 0.89 N

## 4747 brutal $j$

noun murder, war, regime, crime, killing, attack, dictator, beating, treatment, rape, police, repression misc most, against, often, civil, particularly, military, sometimes, violent
4791 | 0.96

## 4748 prevail $v$

noun justice., condition., sense., .court, end, reason., peace., spirit., truth., argument, .century, democracy., circumstance., plaintiff, evil misc will., .over, still., .upon, .against, must. $4873 \mid 0.94$ A

## 4749 weed $n$

adj noxious, invasive, aquatic, dead, green, biological, aggressive, poisonous, fast-growing noun grass, .seed, control, plant, .bed, water, .killer, tree, field, growth verb grow, pull., keep., kill, smoke., overgrow., cut, eat., suppress., choke
5161 | 0.89

## 4750 exhaust $v$

noun day, •possibility, night, effort, option, appeal, resource, supply, hour, fund, patience, energy, .benefit, .saving, avenue misc after, untile, physically., .every, emotionally
4820 | 0.95 F

## 4751 pasta $n$

adj fresh, cooked, hot, dried, homemade, whole-wheat, angel-hair, parmesan noun sauce, salad, .dish, rice, water, vegetable, bread, cup, tomato, cook verb add, toss, serve, drain., eat., prepare, boil, combine
5391 | 0.85 M N

## 4752 distinctive $j$

noun feature, style, way, voice, pattern, culture, flavor, characteristic, character, identity, sound, group misc its, most, own, each, create, develop, cultural produce
5018|0.91 A

## 4753 fraction $n$

adj small, tiny, large, total, significant, mere, substantial, sizable noun .second, .cost, .inch, .population, .price, ejection., .size, .amount, value, .energy verb represent., pay., account., cover, contain, constitute., measure., exceed 4961 | 0.92 A

## 4754 remark $v$

noun mother., friend, father, voice, critic., interview, historian, observer. misc once., .upon, often., later., casually
4961 | 0.92

## 4755 emotionally $r$

physically, .charge, child, feel., financially, .disturb, mentally, .drain, become., intellectually, both., involve, spiritually, disturbed
4909 | 0.93

## 4756 poke $v$

noun .head, .fun, .hole, finger, .nose, stick, fire, face, .back, arm, door, •chest, shoulder, .ground, foot misc .at, .out, .through, .around, .into, inside 5099 | 0.90 F

## 4757 guarantee $n$

adj constitutional, federal, equal, best, only, personal, international, legal, civil, written noun loan., security,

## 4878 speculate $v$

noun scientist., researcher., .future, analyst., expert., other., motive, media., astronomer., scholar., investigator., .advance, diabetes misc .about, some., may, might, one., only., .whether, possible, difficult., refuse., reasonable., publicly
4664 | 0.95

## 4879 delight $n$

adj great, earthly, pure, obvious, sheer, aesthetic, childish, perverse noun garden., eye, surprise. crowd, audience, joy, wonder, pleasure, squeal., heart. verb take., laugh., express., scream., smile., gasp. 4709 | 0.94

## 4880 fatigue $n$

adj chronic, physical, perceived, military, mental, extreme, general, severe, green noun .syndrome, muscle, pain, symptom, stress, headache, depression, loss, weight, battle. verb cause, wear., suffer., reduce., dress., experience, include., set, diminish, .slow 4924|0.90

## 4881 devastating $j$

noun effect, impact, consequence, loss, war, blow, disease, attack, result, news, earthquake, fire misc most, potentially, suffer, absolutely, economic, cause, face, pretty
4647 | 0.95

## 4882 instructional $j$

noun strategy, program, material, teacher, student, method, practice, time, activity, technique, curriculum, school misc effective, provide, develop, within, teach, specific, include
$6194 \mid 0.71$ A

## 4883 plea $n$

adj guilty, impassioned, common, desperate, final, urgent, personal, silent noun .bargain, .agreement, .help, .deal, court, .bargaining, part., .charge, prosecutor, judge verb make., enter., ignore., accept. hear., reject., agree, negotiate., respond., issue. 4661 | 0.95

## 4884 tourism $n$

adj economic, cultural, local, international, mass, regional, increased, sustainable, Caribbean noun industry, development, business, travel, office, trade, space., .official verb promote., increase, develop, contact., boost., encourage, affect, support 5016 | 0.88

## 4885 crowd $v$

noun people, street, table, other, wall, space, tourist, building, shelf, office, thousand., field, sidewalk, reporter, hall misc .into, .around, .together, small 4709 | 0.94 F

## 4886 warmth $n$

adj human, maternal, parental, extra, personal, genuine, sudden noun sun, body, light, love, fire, comfort, food, sense, color, skin verb feel., add., provide., bring., spread, enjoy., radiate, bask., exude., flow 4883 | 0.90 F

## 4887 jurisdiction $n$

adj other, federal, local, personal, military, different, criminal, legal, international, civil noun court, state, law, case, matter, area, .country, committee., agency, crime verb exercise., fall., assert., .require, extend, lack., accept., involve, claim., . prescribe 5425 | 0.81 A

## 4888 update $v$

noun form., .quote, information, year, system, site, software, visit., list, computer, file, record, .look, hour, application misc .every, need., keep., continually, constantly.
4761 | 0.93

## 4889 accusation $n$

adj serious, similar, unfounded, unfair, bitter, groundless, mere noun abuse, charge, .racism, rape, kind., witchcraft, official, .corruption, police, investigation verb make, deny., face., defend., respond., .fly, investigate, dismiss., .arise, .surface 4676 | 0.94

## 4890 diagram $n$

adj schematic, complex, detailed, simplified, accompanying, helpful, branching noun .figure, table., page, block., flow., model, sequence, phase. verb show, see., draw, illustrate, contain., represent, depict, .omit, trace, sketch
$5340 \mid 0.82$ A

## 4891 middle-class $j$

noun family, tax, woman, neighborhood, life, home, parent, value, suburb, kid, community, voter misc white, black, American, poor, upper, among, suburban, mostly
4754 | 0.93

## 4892 graduation $n$

adj high-school, academic, passing, eighth-grade, secondary, expected, required, actual, sixth-grade noun .rate, school., year, college, .ceremony, requirement, student, day verb attend., follow. require., celebrate., miss., complete., near, violate 4775 | 0.92

## 4893 mention $n$

adj honorable, mere, special, brief, only, specific, very, passing noun .name, .service, .product, .trade, award, .print, T-shirt., winner, .ribbon, .religion verb make, deserve., receive., hear., include., omit., avoid. 4705 | 0.93

## 4894 beyond $r$

world., year., above, room., far., century., lie., mountain., hillo, .compare, perhaps., field., space, lay 4595 | 0.96

## 4895 within $r$

from., .about, .outside, .between, both., .without, .across, light., .among, .beyond, enemy., .minute, lie. 4683 | 0.94 A

4896 spark $v$
noun .interest, .debate, .controversy, . protest, war, fire, .imagination, idea, .discussion, .revolution, .outrage, -movement, . investigation, light, death . misc •by, .among, .renewed, .intense, .heated
4625 | 0.95

## 4897 convenience $n$

adj modern, local, marginal, early, added, all-night, increased, automated, ultimate noun .store, .sample, .food, .yield, marriage., comfort, station, sake, safety verb offer., provide, enjoy., prefer., appreciate., improve., lack.
4637|0.95

## 4898 chill $n$

adj big, cold, sudden, damp, icy, deep, slight, bitter noun wind, .hour, •air, .spine, fever, night, winter,

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```
rank order (1-5008), headword
```





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