

## Additional resources for the KWIC (Keyword in Context / concordancing) display

One of the problems in using a KWIC display (Keyword in Context, or concordancing) is that users sometimes can't understand the meaning of the word or phrase in question (e.g. *strong support* below), because there are other words in the line of text which they don't understand either. And even for native speakers, it might be interesting to gain insight into nearby words, or to see translate the text to other languages. In early 2021, we created a number of tools that are available to help people use the information in the KWIC display.

The screenshot shows a search interface for a KWIC display. At the top, there are buttons for 'CLICK FOR MORE CONTEXT', 'EXPLORE NEW FEATURES', 'SAVE', 'TRANSLATE', and 'ANALYZE'. Below this is a table of search results:

Line	Year	Source	Text	Preview
1	1997	MAG	GoodHousekeeping	speech. As the New York Republican spoke about Bob Dole's attributes and his <b>strong support</b> of family values, her husband cradled their blanket-wra
2	1995	SPOK	CNN_Politics	One other potential name is the Senate minority leader, Emil Jones, who has <b>strong support</b> from within the regular Democratic organization. I think m
3	1996	ACAD	ForeignAffairs	in France on his release three weeks later. As a cleric, he received <b>strong support</b> from church leaders, the newspaper Le Monde, and even the Paris M
4	2008	SPOK	NBC_MeetPress	Whatever happens, we're going to be fine. You know, we have <b>strong support</b> from our families and our friends. I just hope that we'll be
5	2012	WEB	wola.org	spectrum and partisan divides, and even defied typical geographical voting patterns. # The <b>strong support</b> for the initiatives comes as a reminder of th
6	2006	ACAD	Environment	a tentative status. South Africa is the big exception in this region, with <b>strong support</b> for certification from large, privately owned plantation companie
7	2008	ACAD	Humanist	subsequently named the 2008 Humanist of the Year by the American Humanist Association for his <b>strong support</b> for the separation of church and sta
8	2007	ACAD	Change	applying to several institutions - all of them in places where I would have a <b>strong support</b> system from family and friends. In the meantime, I'm workin
9	2012	WEB	moneymnews.com	Dudley of the New York Fed and Charles Evans of the Chicago Fed - voiced <b>strong support</b> for the central bank's decision. # The Fed's statement in whi
10	2012	WEB	sba.gov	by others: Before you start a business, it's important to have a <b>strong support</b> system in place. You'll be forced to make many important decisions,
11	2006	ACAD	Education	sunna - the teachings of the prophet Mohammed ". They are known for their <b>strong support</b> of the shari'a law. Again, like most of the words on the
12	2012	BLOG	...etterus.blogspot.com	supporters of Ohio Gov. John Kasich, who earlier this year credited " the <b>strong support</b> " of Americans for Prosperity for his now faltering attempt to s

### 1. Line-level tools

The following three icons are displayed on every line, and they allow you to 1) hear a pronunciation of the text 2) see a translation of the text and 3) see information on individual words in the line.



#### 1. Pronunciation

Click on the icon to hear the text pronounced in English (from Google Translate, or Baidu Translate in China)

The screenshot shows a translation interface. On the left, under 'ENGLISH - DETECTED', the text is: "a tentative status. South Africa is the big exception in this region, with strong support for certification from large, privately owned plantation companies producing for EU and U.S.". On the right, under 'ENGLISH', the translated text is: "a tentative status. South Africa is the big exception in this region, with strong support for certification from large, privately owned plantation companies producing for EU and U.S.". A red box highlights the speaker icon (a microphone with a play button) located between the two text blocks.

## 2. Translation

After you click on this icon, select the target language at the top of the page. It will stay with that language as you use the corpus (and even on future days as well).

GERMAN: << Change language

Or, at Google Translate, just select the desired language:

The screenshot shows a Google Translate interface comparing English and German. The English text is: "a tentative status. South Africa is the big exception in this region, with strong support for certification from large, privately owned plantation companies producing for EU and U.S. markets." The German translation is: "ein vorläufiger Status. Südafrika ist die große Ausnahme in dieser Region, mit starker Unterstützung für die Zertifizierung durch große Plantagenunternehmen in Privatbesitz, die für die EU und die USA produzieren." The German tab is highlighted with a red box.

If you are from China, it will use Baidu Translate rather than Google Translate:

The screenshot shows a Baidu Translate interface comparing English and Chinese (Simplified). The English text is: ". South Africa is the big exception in this region, with strong support for certification from large, privately owned plantation companies producing for EU and U.S. markets." The Chinese (Simplified) translation is: ". 南非是该地区的一个大例外，它大力支持为欧盟和美国市场生产的大型私营种植园公司的认证。" The Chinese tab is highlighted with a red box.



## 3. Individual words

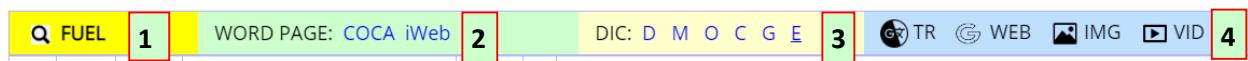
Some phrases that can help are consistent revenue generation, higher product development, operations efficiency, and the like. Brainstorm other one of his worst decisions. What he should have done instead is push fuel efficiency standards on automobiles because it would have leapfrogged attention to our fastest, cheapest and cleanest source of new energy supply, energy efficiency, a term encompassing all the ways to get more work

Click to focus on individual words:

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## 2. Word-level tools

When you click on and then click on a word, there are a number of tools that let you explore the meaning and usage of the word:



### 1. Corpus search

Inserts the word into the search form for the corpus, where you can see frequency, chart, collocates, etc.

### 2. Word sketch (from COCA or iWeb)

See a wide range of information on the word, including genre distribution, related topics, collocates, concordance lines, definitions, etymology, images, pronunciation, and translations

**fuel** (NOUN) See: VERB ⭐ ⓘ #1714

TOPICS (more)  
energy, gas, engine, emission, fossil, electricity, carbon, vehicle, greenhouse, gasoline, oil, hydrogen, gallon, efficiency, coal, automobile, electric, renewable, solar, generator

COLLOCATES (more)  
NOUN fossil, cell, economy, price, tank, cost, efficiency, oil  
VERB burn, produce, reduce, cost, replace, supply, consume, store  
ADJ nuclear, alternative, spent, burning, renewable, clean, liquid, efficient  
ADV efficiently, board, annually, eg, environmentally, aboard, ie, domestically

BLOG WEB TV/M SPOK FIC MAG NEWS ACAD

1. a substance that can be burned to provide heat or power D  
M O C G E

YouGlish PlayPhrase Yarn

ES: Google WordRef Reverso Linguee

### 3. Definition

From several online dictionaries, including (E) etymology

#### fuel noun, often attributive

Save Word

fu·el | \ 'fyü(-ə)l \

##### Definition of fuel (Entry 1 of 2)

- 1 a : a material used to produce heat or power by burning
- b : nutritive material
- c : a material from which atomic energy can be liberated especially if A French derivative is *fouailler* "woodyard." *Fuel-oil* is from 1882.

#### fuel (n.)

c. 1200, *feuel, feul* "fuel, material for burning," also figurative, from Old French *foaille* "fuel for heating," from Medieval Latin legal term *focalia* "right to demand material for making fire, right of cutting fuel," from classical Latin *focalia* "brushwood for fuel," from neuter plural of Latin *focalis* "pertaining to a hearth," from *focus* "hearth, fireplace" (see **focus** (n.)). Figurative use from 1570s. Of food, as fuel for the body, 1876. As "combustible liquid for an internal combustion engine" from 1886. A French derivative is *fouailler* "woodyard." *Fuel-oil* is from 1882.

### 4. Translation, web search, images, and videos

Translation: from Google Translate or (in China) Baidu Translate

Detect Language English Spanish French ✓ SPANISH CHINESE (SIMPLIFIED) GERMAN

fuel  
(fyoō̄l) 4 / 5000

Treibstoff ⓘ

Definitions of fuel

Noun

1 material such as coal, gas, or oil that is burned to produce heat or power.  
"one aircraft ran out of fuel and had to ditch"

Synonyms:

power source, heat source, combustible, propellant

Translations of fuel

Noun

der Kraftstoff  
der Brennstoff  
der Treibstoff

fuel  
fuel  
fuel, propellant, propellent

讲 暂课网

fuel

英 [ 'fju:əl ] ⓘ 美 [ 'fju:əl ] ⓘ

n. 燃料; (尤指指争论等继续或更加激烈的)刺激性言行

v. 给...提供燃料; 给(交通工具)加油; 增加; 加强; 刺激

第三人称单数: fuels 复数: fuels 现在分词: fuelling  
过去式: fuelled 过去分词: fuelled

0:29

高考 CET4 考研 IELTS TEM4 TOEIC

## Images and videos



How to pronounce **fuel** in English (8 out of 24565):



the Cooper D is very **fuel** efficient, and then at the very top of the range is this, the

## 3. Tools for multiple lines of text



### 1. Save results

Categorize entries into multiple sets (using A | B | C). Create new list, or add to existing list. On following page, move, delete, or expanded entries.

Select entries below   CHOOSE LIST		CREATE NEW LIST	<a href="#">fuelEfficiency_1</a>	SAVE LIST	[?]	NEW	SAVE	TRANSLATE	ANALYZE
2010	SPOK ABC_ThisWeek	A	B	C	(i) (q)	years this country has dating - been debating whether we're going to raise the <b>fuel efficiency</b> standards. We finally broke that logjam, not just for cars, but for trucks, by bringing industry together and also all of the other players and we have now a consensus. And in the case of BP and their \$20 billion, in the case Wellpoint and the way they			
2010	MAG MotherEarth	A	B	C	(i) (q)	many European countries tax diesel less than gasoline in order to promote an increase in <b>fuel efficiency</b> . Another hurdle for diesel cars is			
2016	NEWS The Boston Globe	A	B	C	(i) (q)	Carman removed trim tabs from his boat, records show. Trim tabs help with <b>fuel efficiency</b> and keep a boat from listing. # Removing the			
2007	NEWS Chicago	A	B	C	(i) (q)	, spokeswoman. The airline still washes planes to reduce drag during flight, improving <b>fuel efficiency</b> . Its goal is to reduce water use by ar			
2002	SPOK CBS Sixtvll	A	B	C	(i) (q)	. so you do not get the right amount of heat and it hurts your <b>fuel efficiency</b> . Uh-huh. Uh-huh. What is it with these people who talk on			

			#	-		DELETE ENTRIES	MOVE ENTRIES	EXPAND ENTRIES	
1	<input type="checkbox"/>	COCA:2010:SPOK ABC_ThisWeek				or the American people or its workers, the right thing. So it was a way of getting them to do the changes that they had postponed. In the case of also the auto industry, for 30 years this country has dating - been debating whether we're going to raise the <b>fuel efficiency</b> standards. We finally broke that logjam, not just for cars, but for trucks, by bringing industry together and also all of the other players and we have now a consensus. And in the case of BP and their \$20 billion, in the case Wellpoint and the way they			
2	<input type="checkbox"/>	COCA:2016:NEWS The Boston Globe				But Connors, who was involved in the initial search for the Carmans, said he does not believe the boat repairs Nathan Carman is said to have made would cause an immediate safety issue. # Investigators were told Carman removed trim tabs from his boat, records show. Trim tabs help with <b>fuel efficiency</b> and keep a boat from listing. # Removing them is unusual, but not inherently dangerous, said Gloucester Harbormaster Thomas Ciarametaro. # Ciarametaro said trim tabs are bolted on, so a boat owner would want to make sure the holes were filled securely to prevent leaks. # Carman filled			
3	<input type="checkbox"/>	COCA:2010:MAG MotherEarth				. Federal taxes on diesel fuel are higher than those for gasoline: 24.4 cents per gallon for diesel compared with 18.4 cents per gallon for gasoline (state taxes on gasoline and diesel vary). In contrast, many European countries tax diesel less than gasoline in order to promote an increase in <b>fuel efficiency</b> . Another hurdle for diesel cars in America has been their reputation. Criticssay diesel cars are noisy and smelly polluters that belch black smoke. While that was true of some diese cars from decades ago, new " clean diesel " engines are smooth, quiet and powerful, with tailpipe			
4	<input type="checkbox"/>	COCA:2007:NEWS Chicago				saving 10,000 gallons a day, said Heather Robinson, spokeswoman. # Delta Air Lines Inc., Atlanta's largest air carrier, has cut water use at its operations center 50 percent since 2003, said Betsy Talton , spokeswoman. The airline still washes planes to reduce drag during flight, improving <b>fuel efficiency</b> . Its goal is to reduce water use by an additional 30 percent,she said. # BROWN TO GREEN # Spray-on green was the answer for the Georgia Institute of Technology, which has n't watered the grass in its football stadium since Oct. 4, said spokesman Wayne Hogan. Golf			



### 2. Translate

Select lines to translate, and then click [Translate]. On following page, the original lines and their translations are grouped together.

TRANSLATE	ES:	<input type="checkbox"/> Select entries below to translate   For one line below: (q)	NEW	SAVE	TRANSLATE	ANALYZE
1	2017 TV	The Expanse	(i) (q)	you think? Yeah, it is. Way better than I ever expected. <b>Fuel efficiency</b> was through the roof. A hundred times better than anyone had even thought		
2	1992 MAG	PopScience	(i) (q)	mode. The upright driving posture, big windows and doors, and relatively good <b>fuel efficiency</b> of the Volvo puts it well off in the family-car direction c		
3	2012 BLOG	phys.org	(i) (q)	me if I went wrong anywhere there? # meaning even a 1% increase in <b>fuel efficiency</b> saves \$1,000,000 of fuel using my very conservative numbers. #		
4	1991 NEWS	SanFranChron	(i) (q)	, introduced a bill in the House to mandate a 60 percent increase in average <b>fuel efficiency</b> by 2001, claiming that it could save 3.1 million barrels of o		
5	2009 MAG	MotorBoating	(i) (q)	, a trawler-style boat, and didn't know what to expect in terms of <b>fuel efficiency</b> . " It weighed 20,000 pounds more than the Luhrs ant carried twice the		
6	2008 NEWS	CSMonitor	(i) (q)	trade group whose members include most US carriers, contends the industry is constantly improving <b>fuel efficiency</b> and reducing noise. And employi		
7	2004 ACAD	Environment	(i) (q)	will continue to have adverse effects on urban air quality. 46 Much of the vehicle <b>fuel efficiency</b> obtained and technology used in industrializing natio		
8	1998 MAG	MotorBoating	(i) (q)	Saltwater survival Don't make the mistake of assuming I'm underwhelmed by Horizon's <b>fuel efficiency</b> . Quite the contrary. However, horsepower cost		
9	2006 MAG	MilitaryHist	(i) (q)	Rear Admiral Robley D. Evans, in command of the fleet, sponsored contests for <b>fuel efficiency</b> , and New Jersey came dangerously close to being towne		
10	2017 MAG	TechCrunch	(i) (q)	oxide (NOx) emissions and requirements for engine durability and performance, safety and <b>fuel efficiency</b> . FCA US believes that its emission control s		

Translate From: English To: Spanish

2 : mode. The upright driving posture, big windows and doors, and relatively good fuel efficiency of the Volvo puts it well off in the family-car direction compared with the 2: modo. La postura de conducción erguida, las ventanas y puertas grandes y la eficiencia de combustible relativamente buena del Volvo lo colocan bien en la dirección del au

4 : , introduced a bill in the House to mandate a 60 percent increase in average fuel efficiency by 2001, claiming that it could save 3.1 million barrels of oil a 4:, presentó un proyecto de ley en la Cámara para exigir un aumento del 60 por ciento en la eficiencia promedio del combustible para 2001, alegando que podría ahorrar 3,1 r

6 : trade group whose members include most US carriers, contends the industry is constantly improving fuel efficiency and reducing noise. And employing some 11.4 million p 6: grupo comercial cuyos miembros incluyen a la mayoría de los transportistas estadounidenses, sostiene que la industria mejora constantemente la eficiencia del combustibl de personas puede tener algunos

7 : will continue to have adverse effects on urban air quality. 46 Much of the vehicle fuel efficiency obtained and technology used in industrializing nations such as China are si 7: seguirá teniendo efectos adversos sobre la calidad del aire urbano. 46 Gran parte de la eficiencia de combustible de los vehículos obtenida y la tecnología utilizada en nacio del Norte

9 : Rear Admiral Robley D. Evans, in command of the fleet, sponsored contests for fuel efficiency, and New Jersey came dangerously close to being towed into Rio de Janeiro 9: El contralmirante Robley D. Evans, al mando de la flota, patrocinó concursos de eficiencia de combustible, y Nueva Jersey estuvo peligrosamente cerca de ser remolcada a R

**ANALYZE****3. Analyze**

Select multiple lines of text, and click [ANALYZE] have the corpus treat these lines as a “text”.

<b>ANALYZE</b>	<input checked="" type="checkbox"/>	Select entries below   Then click button to analyze text; see word definitions; find related phrases	<b>NEW</b>	SAVE	TRANSLATE	<b>ANALYZE</b>
1	2012	WEB	greencarreports.com	Q	run any controlled experiment to see the relative impact of CAFE versus taxes on the <b>fuel efficiency</b> landscape. Either one approach is tried or the other	
2	1992	ACAD	ForeignAffairs	Q	beyond all rational proportions). Yet this country remains lax in the imposition of <b>fuel efficiency</b> standards and in deterring the excessive use of hydrocarbons and other nonrenewable resources.	
3	2012	WEB	blog.heritage.org	Q	targets to meet. The Detroit News obtained information that in 2017 light duty truck <b>fuel efficiency</b> will increase 1.7 percent, and passenger car fuel efficiency will increase 1.4 percent.	
4	2002	SPOK	CNN_Movers	Q	Salomon. The Senate finally votes on whether to order a dramatic increase in the <b>fuel efficiency</b> of passenger cars in this country. We'll have a report for you on that later this week.	
5	2012	WEB	...s.chicagotribune.com	Q	We were unlikely to ever realize the incremental \$9.7 million anyway because of our improving <b>fuel efficiency</b> and reduced capacity," United spokeswoman Jennifer Kisner noted.	
6	2007	MAG	PopScience	Q	" he says -- that is, if the design didn't have to take <b>fuel efficiency</b> into consideration. " The challenge is to fly a long way. The	
7	2004	MAG	Environmental	Q	, for instance, has come under fire from the group for failing to increase <b>fuel efficiency</b> . CERES board member Ariane Van Buren of ICCR says, " We want	
8	2014	MAG	PopScience	Q	treaded for use in both wet and dry conditions. Their 18-inch diameter provides better <b>fuel efficiency</b> than smaller tires, translating to extra power or acceleration.	
9	2012	BLOG	anz.theoildrum.com	Q	monthly VMT. Would that graph show a noticeable trend indicating annual improvements in the <b>fuel efficiency</b> of the nation's vehicle fleet as old, less fuel-efficient vehicles are replaced by more fuel-efficient ones?	
10	2012	WEB	barackobama.com	Q	on foreign oil than at any time in the last 16 years. # New <b>fuel efficiency</b> standards will nearly double the fuel economy of cars and light trucks to 54.5 mpg by 2016.	
11	2018	NEWS	USA TODAY	Q	place, Kisner noted. These include advances in medicine, improvements in automotive <b>fuel efficiency</b> , the advent? of alternative energy and? lower costs for consumers.	
12	2012	WEB	blog.heritage.org	Q	it comes to greenhouse gas emissions, The Atlantic's Megan McArdle notes that <b>fuel efficiency</b> standards will reduce carbon dioxide emissions, " but no one seems to know exactly how much.	
13	1992	NWFS	WashPost	Q	? " Only Goins, the accountant, could tell her they referred to automobile <b>fuel efficiency</b> . # Like most voters, they see the economy as the overriding issue.	

Find keywords in the “text”, find related phrases in COCA, and see detailed “Word Sketch” pages for any of the words in the “text”.

EDIT TEXT	SAVE TEXT	<input type="radio"/> WORD	<input type="radio"/> PHRASE
FREQ RANGE	1-500	501-3000	> 3000
627 WORDS	47 %	17 %	14 %

CLICK ON ANY WORD BELOW FOR A FULL WORD SKETCH

#1: run any controlled **experiment** to see the **relative impact** of CAFE **versus** taxes on the **fuel efficiency** **landscape**. Either one **approach** is tried or the other, **therefore** the result

#2: beyond all **rational proportions**. Yet this country remains **lax** in the **imposition** of **fuel efficiency** **standards** and in **deterring** the **excessive** use of **hydrocarbons** and other **nonrenewable resources**.

(CLICK ANY WORD FOR FULL WORD SKETCH)		
LOW FREQ	MID FREQ	HIGH FREQ
22: efficiency 2: automobile, carbon, dioxide, emissions, improvements, passenger 1: accountant, advent, auditors, auto, automakers, automotive, battery, breathing, congressional	24: fuel 7: standards 3: impact, vehicles 2: economy, trucks, vehicle 1: additional, advances, agreement, alternative, annual, anyway, approach, beyond, board, capacity, certain, challenge, conditions, credit, debate, depend, destroy, domestic	36: the 20: to 14: of 12: and 11: in 8: for 7: a 6: as 5: have, on 4: increase 3: cars, fro