

Ole Noé™

English Phonetic Symbols

a	ɔ	ɛ	æ	ɜ	ø
---	---	---	---	---	---

i	ɪ	ə	ʌ	ʊ	u
---	---	---	---	---	---

b	p	d	t	g	k
---	---	---	---	---	---

v	f	ð	θ	z	s
---	---	---	---	---	---

l	r	m	n	ŋ	h
---	---	---	---	---	---

ʒ	ʃ	dʒ	tʃ	j	w
---	---	----	----	---	---

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English Phonetic Symbols contains 41 phonemes:
24 consonants, 12 vowels, and 5 diphthongs.

Use the following picture key to decipher the
type of information on the flash cards:



Description of the mnemonic illustration



Name of letter. Proposed letter names are
marked with a degree sign ° and were
created to better fit models of name
iconicity, discriminability, and phonological
patterning (Treiman & Kessler, 2003).



Phonetic description



Phoneme-grapheme correspondences from
Hanna et al., (1966).



Symbol facts



Linguistic information



Minimal pairs taken from the COCA
Corpus (2015) to showcase collocates
(word neighbors) in authentic usage. Speak
these phrases into Siri or other speech
recognition software for speaking practice.
Audio track number. Visit:



<https://www.olénoé.com/ipa/#.mp3>

Replace # with audio track number.

IPA Decode the IPA words!



AA p [pi]



voiceless bilabial plosive



p, 96% (piano, people, shop)

p/b

peach trees / Palm Beach, Florida

plain and simple / peace symbol

jump rope / wear the robe

p/t

Eiffel Tower/ electric power

cut your hair / cup of coffee

p/f

We share a passion for fashion shows.

Wipe the pot clean. How's your lovely wife?

p/k

swimming pool / cool weather

rap music / Cool pie on the wire rack.

IPA

[ˈpiŋ paŋ geɪm æt maɪ haʊs]



AA v [vi]



voiced labiodental fricative



v, 100% (violin, beaver, dive)

v/b cast your vote / fishing boat
learning curve / park at the curb

v/f ocean view / a few days ago
save lives / safe environment

v/ð They'll wear the veil.

1 minced garlic clove.

Feed and clothe the children.

v/w war vet / wet hair

song verse / to make matters worse...

v/p vine leaves / pine trees

rented van / nonstick pan

IPA [al wi ni:d ɪz lʌv]



AA s [ɛs]



voiceless lingua-alveolar fricative



s, 73% (sit, bus); c, 17% (century)

s/θ

bathroom sink / think creatively

Let out a sigh of relief / thigh muscle

his handsome face / faith in God

s/ʃ

We sell oyster shells.

dirty socks / electric shock

I signed a one year lease. / dog leash

s/z

She threatened to sue us. / petting zoo

black-eyed peas / The Nobel Peace Prize

ice cubes / dark eyes

IPA

[ʃi:z maɪ sɔʊl 'sɪstə]



jug

AA

edge° [ɛdʒ], dezʰ [dɛʒ]



voiced post-alveolar affricate



g, 66% (genetic); j, 22% (judge)

dʒ/tʃ

parked Jeep® / cheap labor

cutting edge / Etch A Sketch

dʒ/j

You'll grab the jewel box.

I haven't flown in a private jet yet.

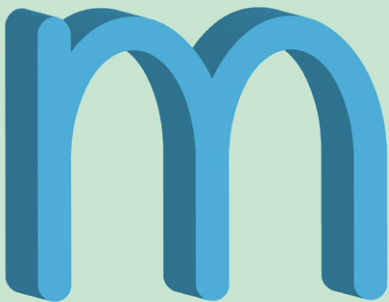
dʒ/d

The lights are dim in this gym class.

He paid to appear on the front page.

IPA

[pi:s ænd 'dʒʌstəs]




AA

m [ɛm]



voiced bilabial nasal



m, 94% (more, empathy, film)

m/b

I may go to the bay by myself.

healthy meal plan / chemical peel

lamb chops / computer lab

traffic jam / He took a jab to the gut.

m/p

The man cooks with a large pan.

The mom wet the mop.

64 megabytes of RAM / gangsta rap

stem cell research / take the first step

IPA

[wʌts jʊr 'feɪvərɪt 'tʃaɪldhʊd 'meməri]



angel wings



eng [ɛŋ], agma ['ægmə]



voiced lingua-velar nasal



ng, 59% (sing, ring); [ŋk], nk, nc, 41%
(bank, anchor)

ŋ/g

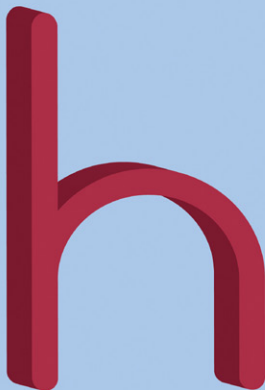
loud bang / plastic bag
long hair / The log caught fire.

ŋ/n

plane wings / win a game
The phone rang and I ran to get it.

IPA

[sɪŋ eɪ 'pæpjələr sɑŋ]



AA

h [eɪtʃ]



voiceless glottal fricative



h, 98% (house)



Young & Hawk (1955) recommend that SLPs stimulate an /h/ in patients by holding their jaw open while using their other hand to create inward and upward pressure in the waistline to control air.

h/f

Cook in a skillet over medium-high heat.
He is standing ten feet away from me.
warm milk and honey / funny joke

h/ε

black hair / fresh air

h/I

Can you hear with an ear infection?

IPA

[ˈhæmbɜːgə ænd frɛntʃ fraɪz]



tractor

AA

schwar [ʃwar]



mid central rhotacized unstressed



e, 77% (baker); o, 12% (humor)



Schwa with right-hook diacritic for rhotacization.



æ/-

baker / bake

worker / work

northern / north

teacher / teach

researcher / research

acre / ache

IPA

['mʊvæz ænd 'ʃeɪkəz]



Diphthongs

/aɪ/ bye-bye



i-e, 37% (ice); i, 37% (China); y, 14% (my)

aɪ/a type || diabetes / from top to bottom
fire department / far apart

aɪ/I smells like vanilla / lick your lips
take a bite / I bit my lip

aɪ/au high school / how much is it?
dine together / upside down

/aʊ/ out



ou, 56% (thousand); ow, 29% (towel);
ou-e, 13% (house)

au/a round table / raw meat
circus down / bear claw

/ɔɪ/ oil



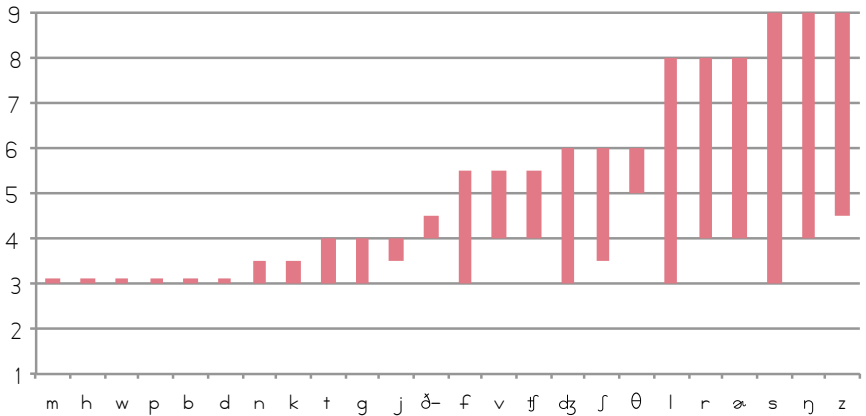
oi, 62% (soil); oy, 32% (boy)

ɔɪ/aɪ children's toys / family ties
Little boy, go buy tickets.

ɔɪ/a bring to a boil / hit the ball
spring coil mattress / call 911

ɔɪ/ʒ low voice / poetry verse
spring coil / hair curl

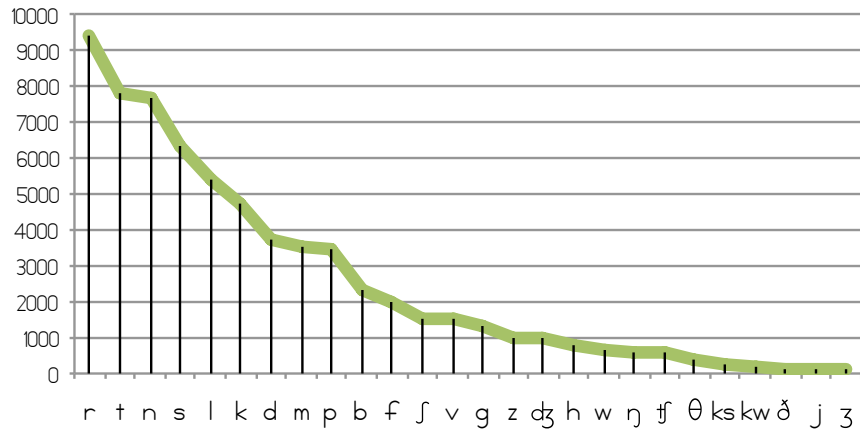
Ages of acquisition for phonemes in girls (Smit et al., 1990)



Earliest age at which 70% of girls produced a sound consistently.

Age of acquisition was set at 90% of consistent production. n = 483

Frequency of consonant sounds in American English (Hanna et al., 1966)



17,310 words

English Phonetic Symbols by Olé Noé is a deck of 25 double-sided flash cards for learning all of the International Phonetic Alphabet (IPA) letters used for Standard North American English. Cards contain mnemonic illustrations of unfamiliar symbols, names of graphemes, pronunciation descriptions, age of acquisition norms, cues on spelling phonemes, minimal pairs from the COCA corpus for practice, symbol facts, and an audio companion. Learn IPA consonants, vowels, and diphthongs efficiently and intuitively!

Made in USA

olénoé.com/ipa

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