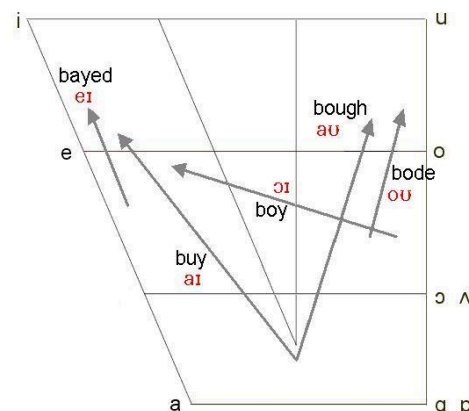
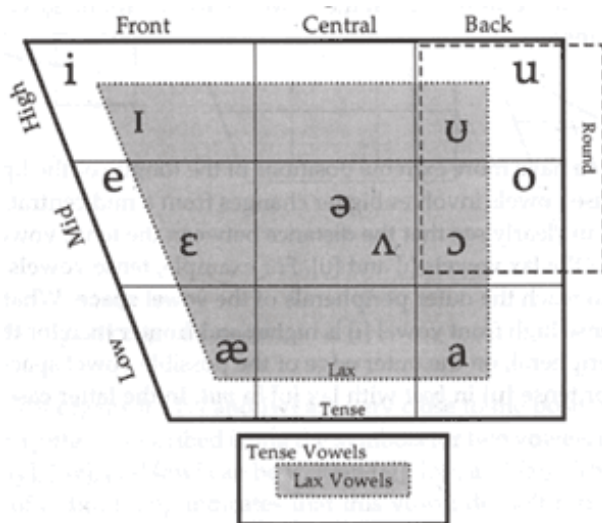


Vowels

- i (heat)
- I (hit)
- e (hate)
- ε (dress)
- æ (cat)
- ə (above) called the “Schwa”
- ʌ (above) the more emphasized “uh” sound
- u (food)
- ʊ (could)
- o (go)
- ɔ (though)
- a (father or not)
- ər (father) the unstressed Schwa with an r attached
- ɜr (her) stressed “uh” sound with an r attached



American English Diphthongs
relative to the Cardinal Vowels
(typical of Midwestern USA)

after Ladefoged, 1993

consonants	
IPA	examples
b	<u>b</u> ad, lab <u>b</u>
d	<u>d</u> id, lady
f	<u>f</u> ind, if
g	give, fl <u>g</u>
h	<u>h</u> ow, <u>h</u> ello
j	<u>y</u> es, <u>y</u> ellow
k	<u>c</u> at, ba <u>k</u>
l	<u>l</u> eg, <u>l</u> ittle
m	<u>m</u> an, le <u>m</u> on
n	<u>n</u> o, t <u>e</u> n
ŋ	<u>s</u> ing, f <u>ing</u> er
p	<u>p</u> et, ma <u>p</u>
r	<u>r</u> ed, t <u>ry</u>
s	<u>s</u> un, mi <u>ss</u>
ʃ	<u>sh</u> e, cr <u>ash</u>
t	<u>t</u> ea, ge <u>tt</u> ing
tʃ	<u>ch</u> eck, <u>ch</u> urch
θ	<u>th</u> ink, bo <u>th</u>
ð	<u>th</u> is, mo <u>th</u> er
v	<u>v</u> oice, <u>f</u> ive
w	<u>w</u> et, <u>w</u> indow
z	<u>z</u> oo, la <u>z</u> y
ʒ	plea <u>s</u> ure, vi <u>s</u> ion
dʒ	<u>j</u> ust, la <u>rg</u> e

Voiceless consonants on the left, voiced on the right

	Bilabial	Labiodental	Dental	Alveolar	Post-alveolar	Palato-alveolar	Palatal	Velar	Glottal
Plosive	p b			t d				k g	
Fricative		f v	θ ð	s z		ʃ ʒ			h
Affricate						tʃ dʒ			
Nasal	m			n				ŋ	
Lateral				l					
Frictionless Continuant	w				r		j		