Audio File Formats (cont'd)

	Size (bytes)	Value
RIFF chunk descriptor		
ChunkID	4	"RIFF"
ChunkSize	4	Size of remaining file in bytes (36 + Subchunk2Size)
Format	4	"WAVE"
fmt sub-chunk		
Subchunk1ID	4	"fmt " (space after 't' is needed)
Subchunk1Size	4	16
AudioFormat	2	1 = PCM
NumChannels	2	1 = mono, 2 = stereo, etc.
SampleRate	4	Sample Rate (e.g. 44100 Hz)
ByteRate	4	SampleRate * NumChannels * BitsPerSample/8
BlockAlign	2	Frame size in bytes (NumChannels * BitsPerSample/8)
BitsPerSample	2	Sample Size in bits (e.g. 16)
data sub-chunk		
Subchunk2ID	4	"data"
Subchunk2Size	4	Size of sound sample data in bytes
Data . . .	varies	Actual sound samples (interleaved if multichannel)

Handwritten annotations: "sometimes larger" (pointing to "36" and "16")