

Audiogram of the white-tailed prairie dog (*Cynomys leucurus*)

Data from: Heffner, R.S., Heffner, H.E., Contos, C., and Kearns, D. (1994) Hearing in prairie dogs: Transition between surface and subterranean rodents. *Hearing Research*, 73, 185-189.

Absolute thresholds (in dB re 20 $\mu\text{N}/\text{m}^2$) for one white-tailed prairie dog

Frequency (in kHz)	Threshold (in dB)
.032	75
.063	44
.125	35
.250	29
.500	24.7
1	26
2	33
4	28
8	24
16	39
22.4	39
32	86

Lowest and highest frequencies audible at sound pressure levels (SPL) ranging from 30 to 70 dB SPL

SPL (in dB)	Lowest audible frequency (in kHz)	Highest audible frequency (in kHz)
70	.036	28
60	.044	26
50	.054	24.3
40	.084	22.7
30	.220	10.5

Additional Parameters:

Body weight = 900 g

Functional interaural distance = 120 μs

(Time required for sound to travel around the head from one auditory meatus to the other.)

Comments: Threshold values taken from original data