FRONTCOUNTRY
SOUNDS HEARD BY VISITORS

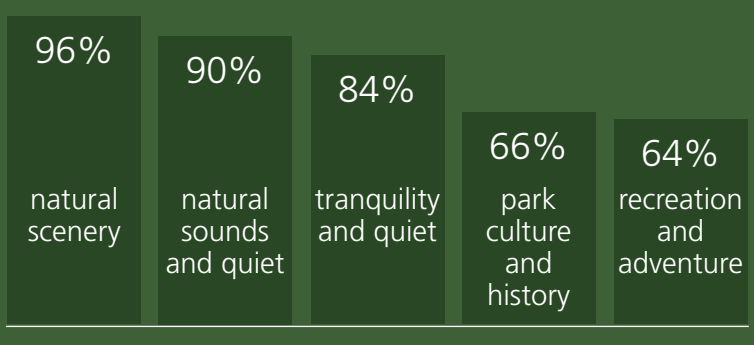
At Denali Visitor Center, Healy Overlook Trail, and Horseshoe Lake Trail

Results from the 2017 NPS Frontcountry Sounds Survey

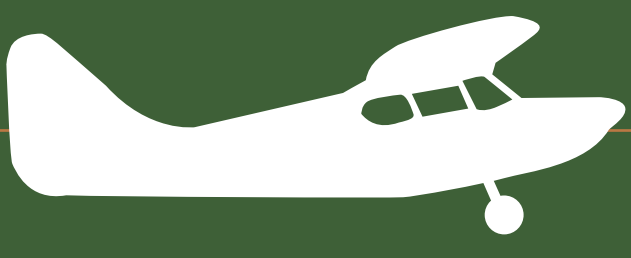
Noise changes a visitor's experience.



People visit Denali to experience:



Respondants could choose more than one option.



9 minutes — Average amount of plane noise heard by visitors in the frontcountry per hour

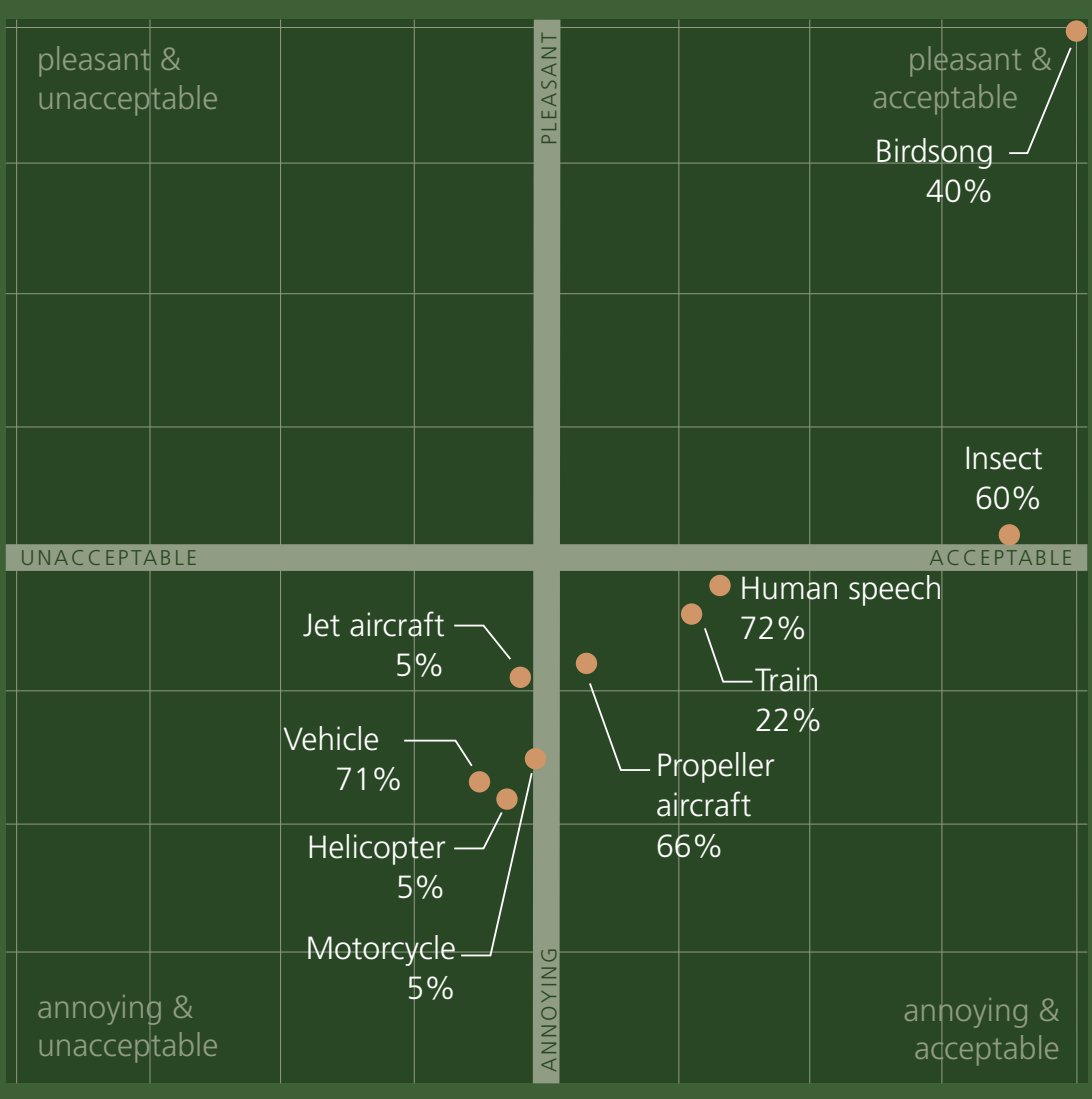
66% found this annoying, but...

82% of visitors found 3 minutes/hour of plane noise acceptable

The amount (minutes) of plane noise is more impactful to visitors' experiences than the volume (measured as sound pressure level).



Vehicle noise is heard by more visitors and is found more annoying than most aircraft.



LEGEND

- ● Interpretation and acceptability of sounds
- X% Percent of visitors who heard sound

Visitors are good listeners.

They give reliable feedback on acoustic conditions.

These statistics reflect the 957 surveyed park visitors who responded to either live or recorded sound. Results between the two groups were consistent.

This study was conducted by the Parks & Recreation Lab at Penn State University, in cooperation with Denali National Park. Want to learn more? Contact Denali social science: rose_keller@nps.gov or visit nps.gov/denali/socialscience.

For full report, see: *Newman, P, B. D. Taff, L. Abbott Ferguson, Z. Miller, A. Graf, and H. Costigan. 2018. Denali National Park and Preserve Frontcountry Sounds: Impacts of Sound on Visitors' Experience in Denali National Park and Preserve's Frontcountry. Natural Resource Data Series NPS/NRDS-2018. National Park Service, Fort Collins, Colorado.*