

LAX Community Noise Roundtable

Briefing: ACRP Report on Noise Issues
Outside DNL 65

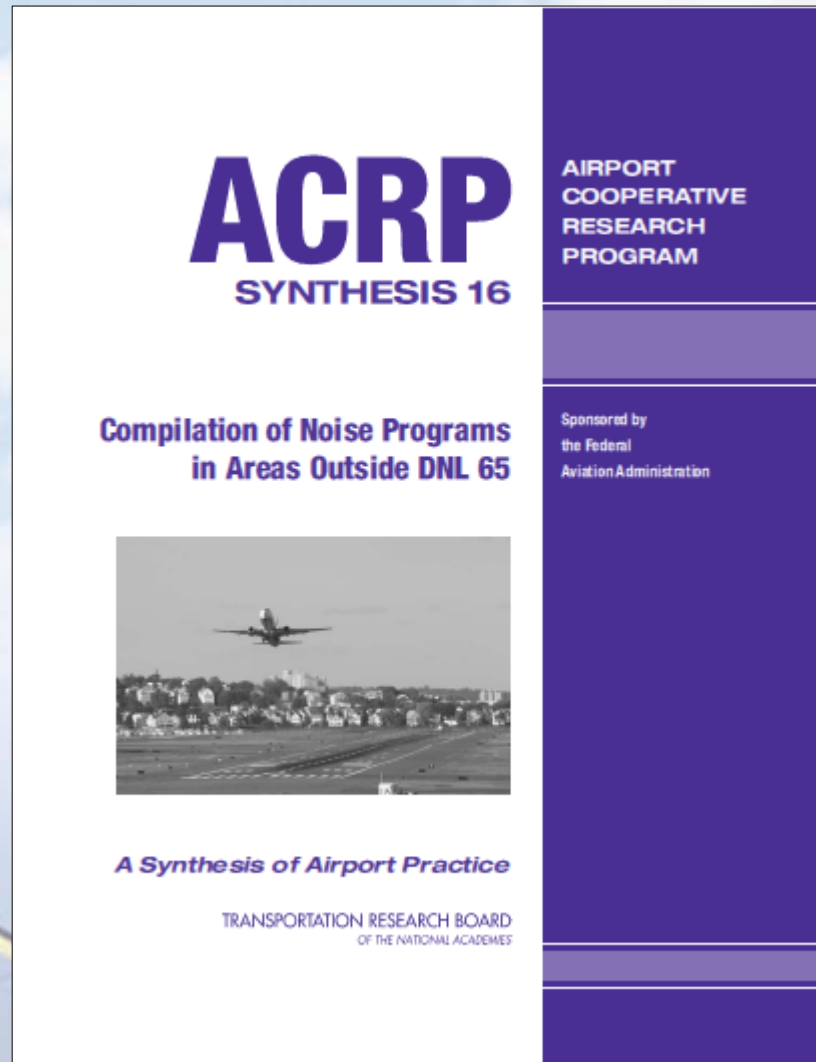


Agenda

- **Overview of ACRP**
- **Study Design**
- **Results**
- **Discussion**



ACRP Synthesis 16: Compilation of Noise Programs Outside DNL 65

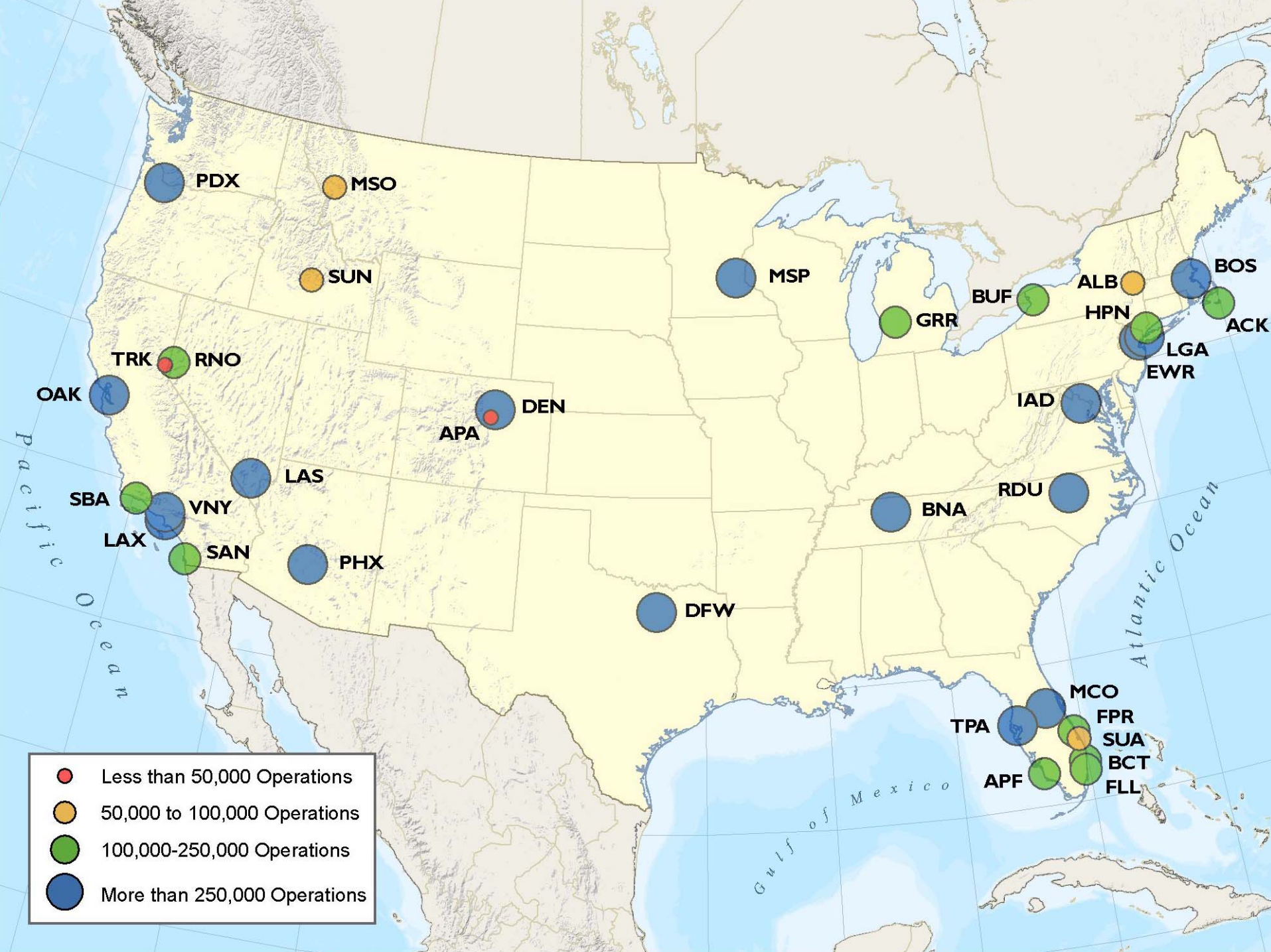


Airport Cooperative Research Program (ACRP)

- **ACRP carries out applied research on problems that are shared by airport operating agencies.**
- **Funded by FAA, administered by TRB:**
 - **Funding in FY10 at \$15M**
- **ACRP Synthesis Program reports on current knowledge and practice and provides a compendium of the best practices:**
 - **Assemble documented information**
 - **Identify best practices**
 - **Identify all ongoing research**
 - **Learn what problems remain largely unsolved**
 - **Organize, evaluate, and document information**
 - **Disseminate the synthesis information**

ACRP Synthesis 16 Project Panel

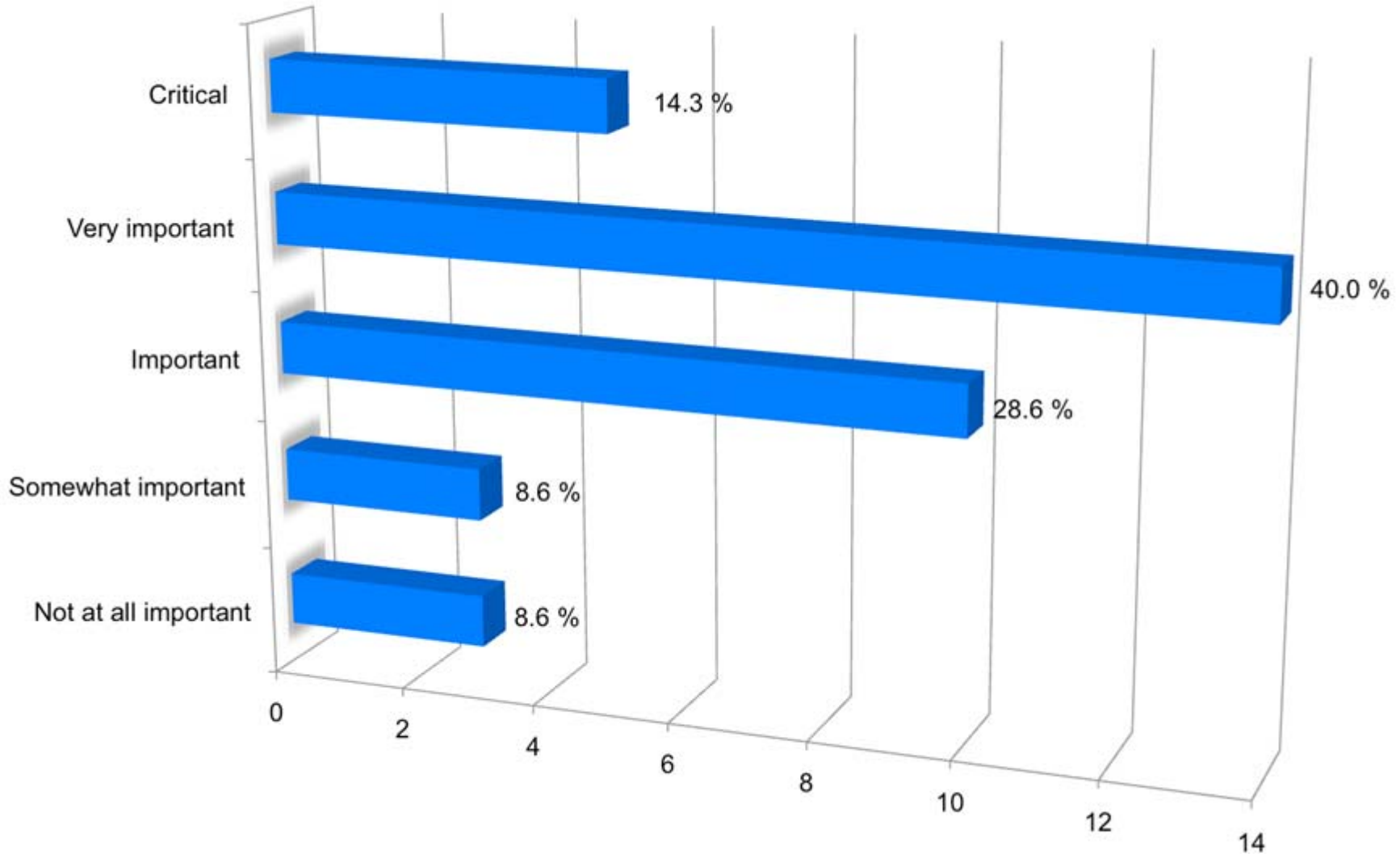
- **TERESA ARNOLD**, McCarran International Airport
- **MARK CLARK**, Buffalo Niagara International Airport
- **PATRICIA DAVIES**, Purdue University
- **CHRISTINE GERENCHER**, Transportation Research Board
- **CHAD E. LEQVE**, Minneapolis–St. Paul Metropolitan Airports Commission
- **JASON SCHWARTZ**, Port of Portland (Oregon)
- **THEODORE SOLIDAY**, City of Naples Airport Authority
- **SCOTT TATRO**, Los Angeles World Airports
- **MARY L. VIGILANTE**, Synergy Consultants, Inc., Seattle
- **VICKI CATLETT**, Federal Aviation Administration (Liaison)
- **JOE DIPARDO**, Federal Aviation Administration (Liaison)
- **JESSICA STEINHILBER**, Airports Council International–North America



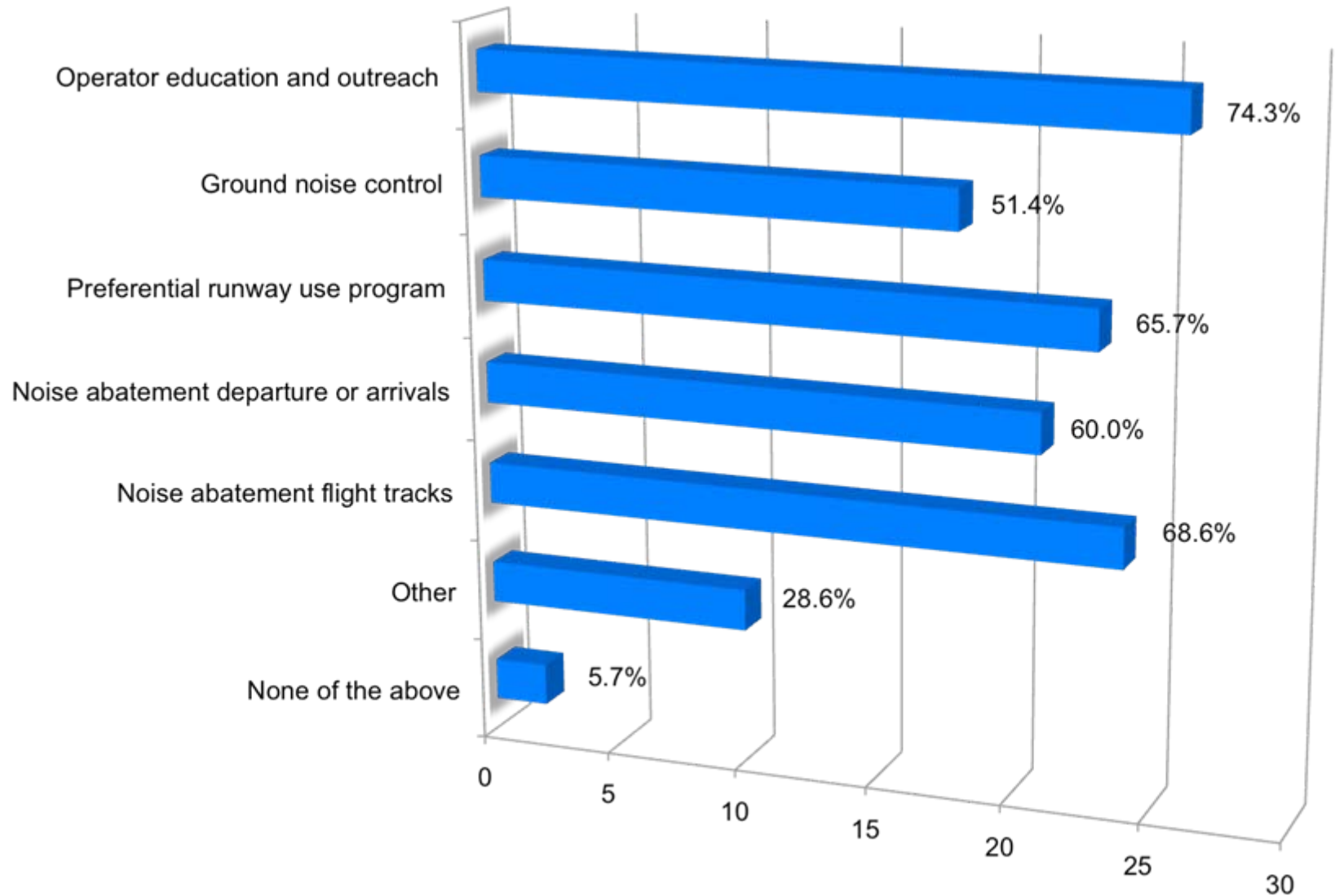
Five General Questions

- **How important are noise concerns outside DNL 65 for your airport?**
- **What methods does your airport use to minimize noise outside DNL 65?**
- **What is your motivation for addressing noise outside DNL 65?**
- **What percent of your noise complaints come from people who live outside DNL 65?**
- **What kind of outreach tools do you use to communicate with people exposed to noise outside DNL 65?**

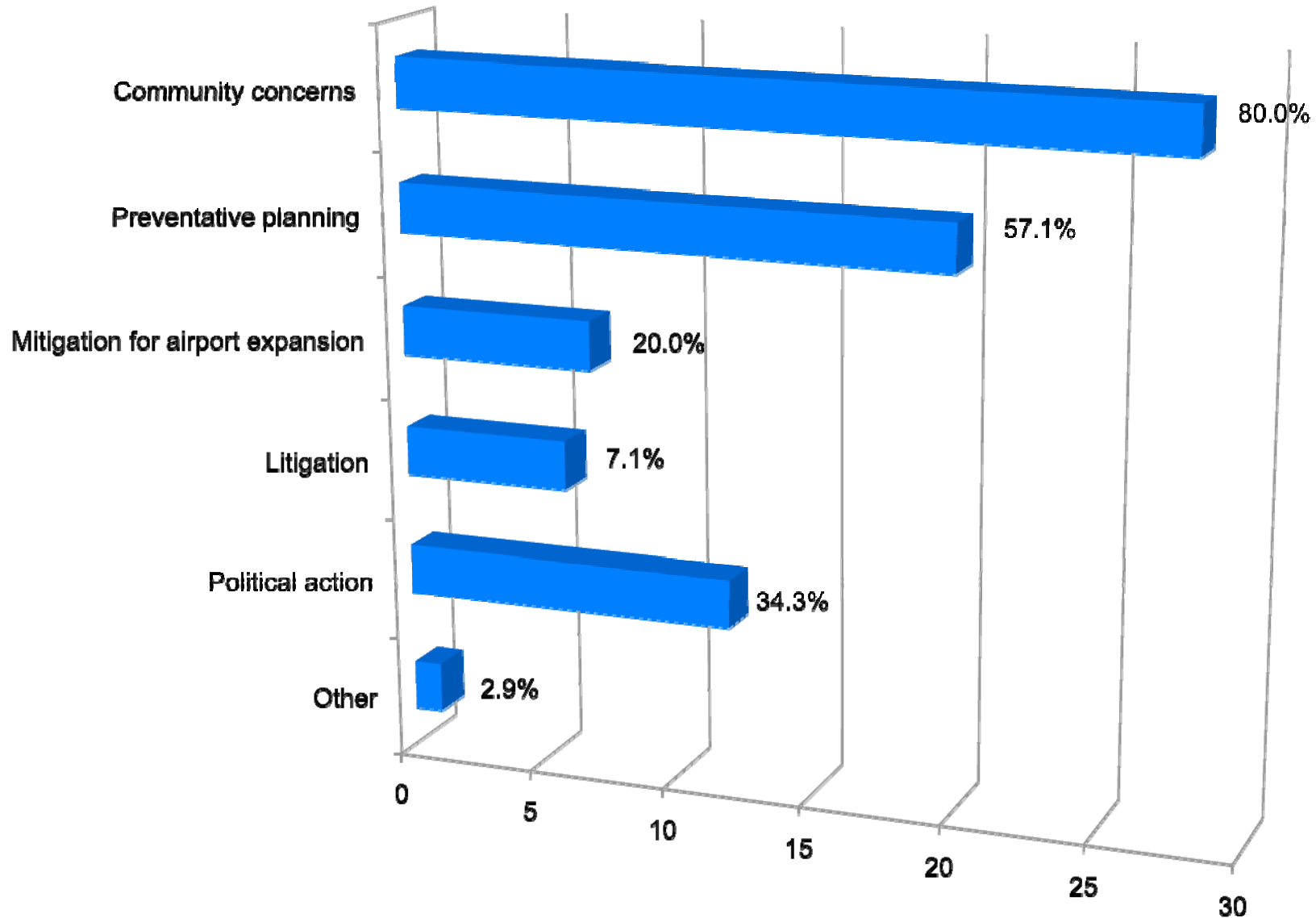
How important are noise concerns outside DNL 65 for your airport?



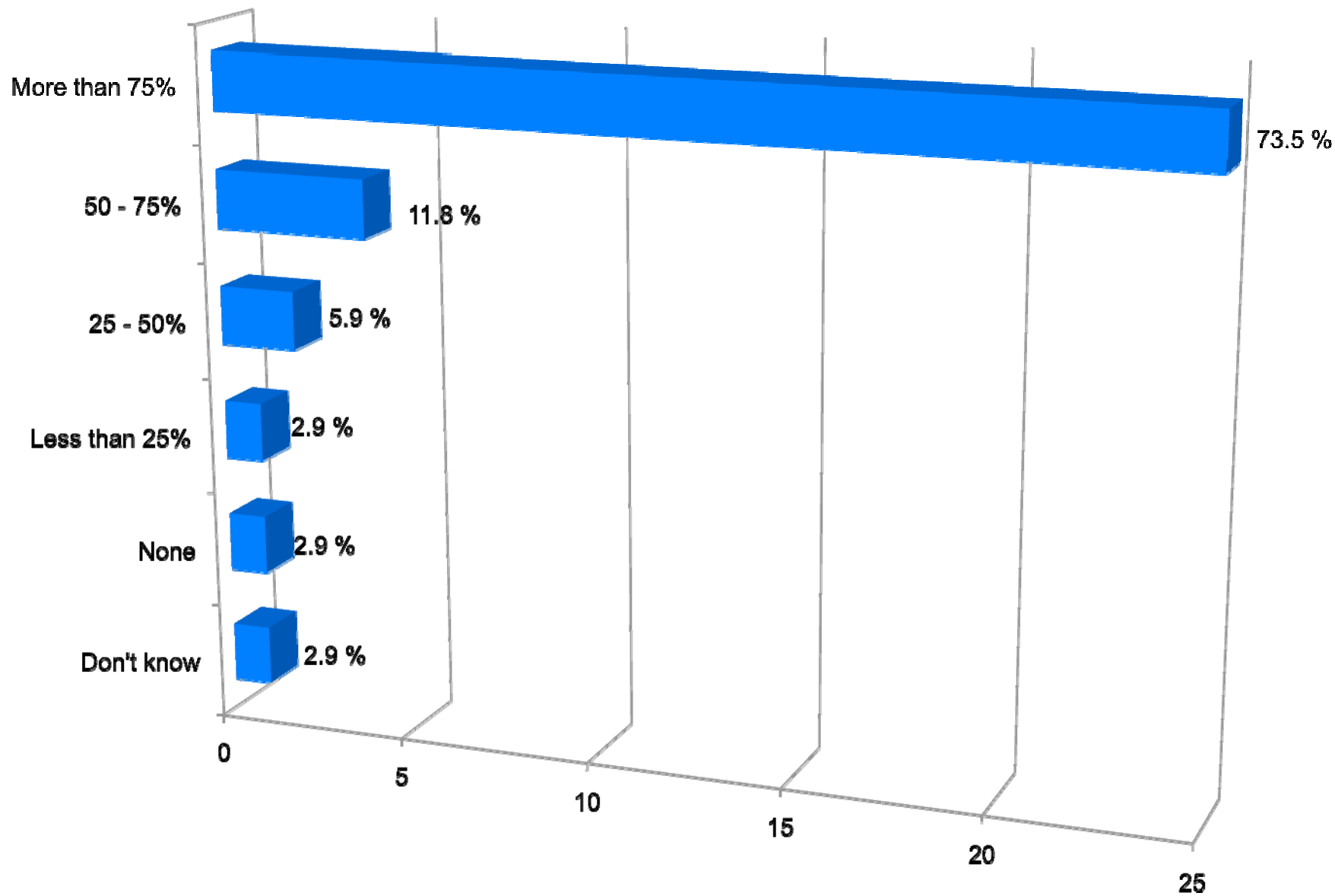
What methods does your airport use to minimize noise outside DNL 65?



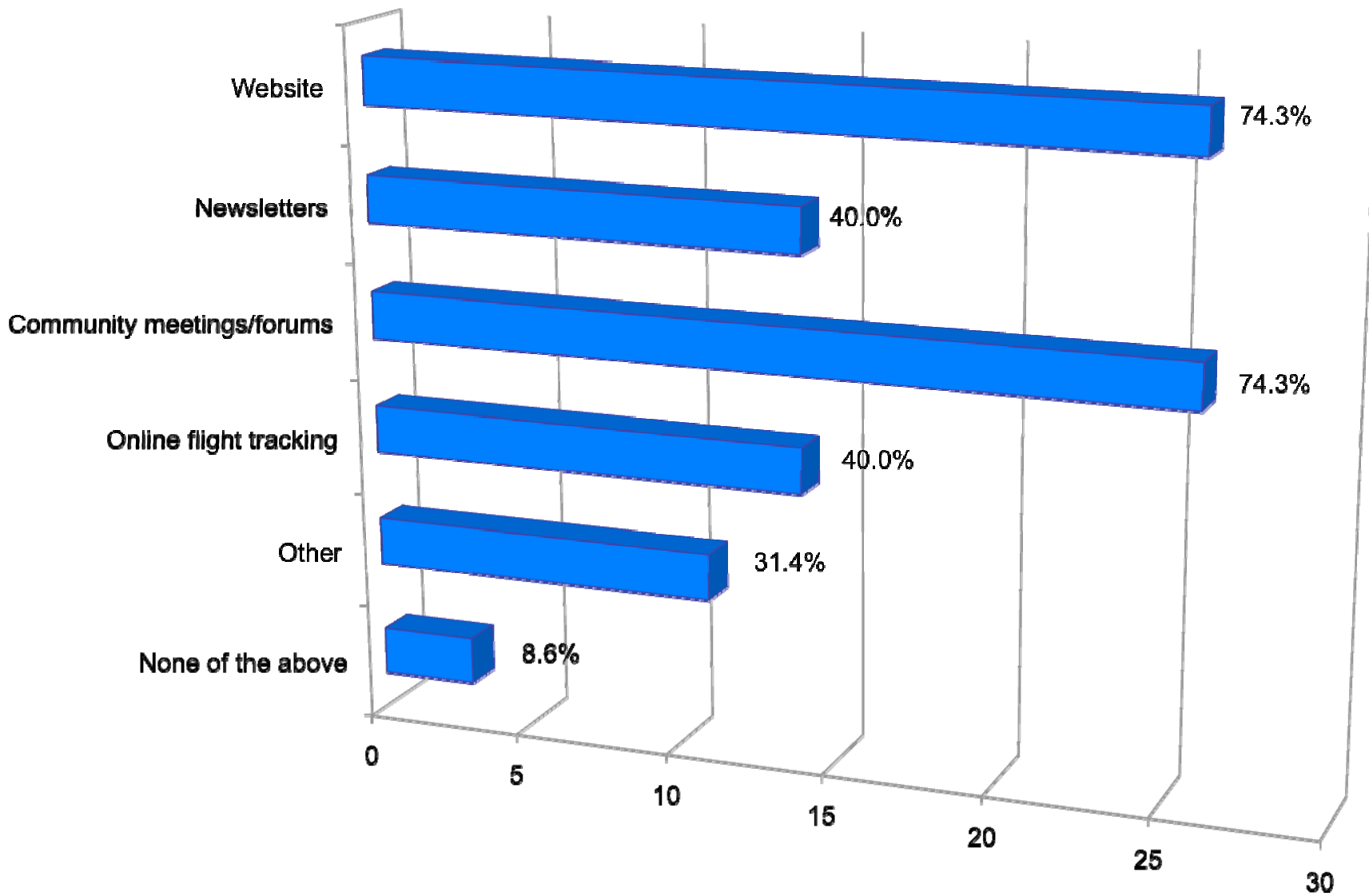
What is your motivation for addressing noise outside DNL 65?



What percent of your noise complaints come from people who live outside DNL 65?



What kind of outreach tools do you use to communicate with people exposed to noise outside DNL 65?

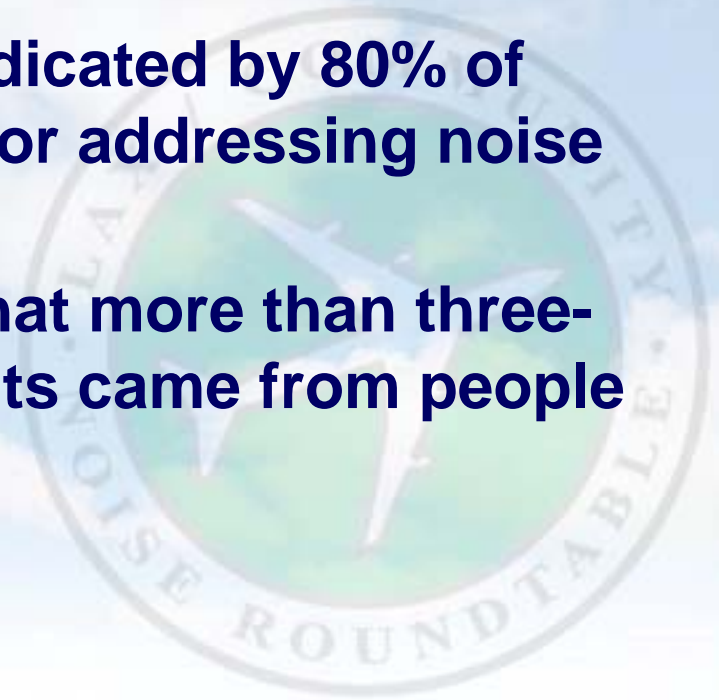


Conclusions

- **83% of respondents indicated that noise issues outside DNL 65 were “important,” “very important,” or “critical” to their airport.**
- **The most common ways to minimize noise outside DNL 65:**
 - **operator education and outreach (74%)**
 - **noise abatement flight tracks (69%)**
 - **preferential runway use programs (66%)**
 - **noise abatement departure or arrival procedures (60%)**
 - **ground noise control (51%)**

Conclusions (continued)

- **“Community concerns”** were indicated by **80%** of respondents as the motivation for addressing noise outside DNL 65.
- **74%** of respondents indicated that more than three-quarters of their noise complaints came from people who live outside DNL 65.



Questions for consideration

- **How far outside DNL 65 can meaningful improvements be made? What is the cost?**
- **What are the major barriers to implementing a lower threshold of land use compatibility? If land use decisions are local, what meaningful role federal policy play?**
- **Should there be priorities for consideration of measures outside DNL 65 (i.e., operational measures v. mitigation)?**

- For additional information:
<http://www.trb.org/Publications/Public/PubsACRPSynthesisReports.aspx>

