

Enhancing Airport Terminals for an Aging Population

TRANSED 2004 CONFERENCE
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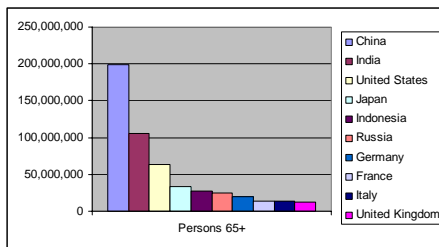


Rationale for Research

- Research needed to make air travel more accessible to older adults
- Older adults want independence and travel



Demographics -2025



Source: Census 2000 and Census Bureau Projections



Impact of Seniors on Air Travel

- If each person 65 + in Japan took one air trip a year, by 2025, 34 million air trips



Analytical Methods

- Research on aging and implications for terminal design
- Holding focus group and conducting interviews




Implications of Aging on Terminal Design

- Mobility → *Walking*
- Strength → *Waiting/lifting*
- Sight → *Signage*
- Hearing → *Messages*
- Touch → *Vending machines*
- Cognition → *Way-finding*



Focus Group Identified Three Major Concerns

- Walking
- Way Finding
- Waiting



Walking Assistive Devices

- Horizontal Space 
- Vertical Space 
- Diagonal Space 







Way-finding Facilitation

- Simplify maps 
- Improve signage 
- Enhance lighting 




Waiting Reduction

- Security 
- Gate 
- Baggage 



Recommendations

- Hold workshop to establish standards
- Conduct airport audits
- Identify and implement enhancements



For More Information

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