

2008 Environmental Benchmarking Survey

Survey Purpose

PURPOSE

ACI-NA is conducting this benchmarking survey of the environmental initiatives and practices undertaken by its member airports. The survey covers broad environmental areas such as energy efficiency, air quality, water conservation and noise. The results of the survey will provide a current snapshot of our members' environmental practices and will be used by ACI-NA, working with its Environmental Affairs Committee and Board of Directors, as we develop strategies and programs to help airports deal with the environmental issues facing the industry. The data will also be added to the wealth of information stored by ACI-NA for the benefit of our members. Your cooperation in completing the survey will ensure we have the most comprehensive and accurate information about our members.

STOP

PLEASE READ BEFORE YOU START

The survey data MUST be entered in one sitting. To ease data gathering, a PDF of the survey has been attached to this e-mail. Please review the PDF, gather the answers and THEN click the link below and enter all the information at one time. We suggest you designate one person in your organization as the "survey captain." That person should be the one to gather all pertinent information and input the data into the web-based survey form. If an update must be made to the information, you can re-access the information through the link but it must be at the same computer terminal using the same internet connection as the initial entry took place.

If your organization operates or is responsible for more than one airport, fill out the entire survey ONCE for each airport.

If you have any question, please do not hesitate to contact Matt Griffin at ACI-NA at mgriffin@aci-na.com or (202) 293-4548.

Thank you in advance!

General Information

SURVEY DIRECTIONS

Below are a series of questions that relate to several different environmental areas and the initiatives and actions you, as an airport operator, may be taking in those areas. Please check the appropriate box or fill in the information in the space provided. Additional space is provided at the end of each section for you tell us about other environmental initiatives not addressed in this survey. On the last page of the survey there is space provided for additional comments that may not relate to any of the topic areas covered and any case study information you may be interested in submitting. Finally, there is a box for comments pertaining to the implementation, layout, etc. of this survey.

Your answers should reflect the state of activities currently at your airport; do not include planned activities.

Remember this is a general survey, it is not necessary that you enter exact amounts for every question. If you do not have an exact figure please make a best-guess approximation. Thank you.

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* 1. General Information

Airport 3-Letter Identifier:

Organization:

Name of Survey Captain:

Title:

e-mail:

Telephone:

* 2. Do you wish to remain anonymous?

Yes

No

3. Airport Information

What is your airport's operating budget for environmental programs/projects for the current fiscal year?
(enter dollar amount)

What is your airport's capital improvement budget for environmental programs/projects for the current fiscal year?
(enter dollar amount)

How many full time airport staff report to your environmental manager?

4. Does your airport have one person who manages all environmental issues for your organization?

Yes

No

5. If yes, does that position report directly to the Airport Director?

N/A

Yes

No

If no, to whom does the environmental manager report?

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6. If more than one person manages environmental issues, please explain the organization structure and responsibilities.

7. Does your airport have an Environmental Management System?

Yes

No

8. If yes, is it certified?

N/A

Yes

No

By whom?

9. Does your airport publish an annual (or otherwise regular) environmental report?

Yes

No

Energy Efficiency

10. On average, what is the energy consumption of your airport complex on a per square foot basis per year?

(include all terminals, administration buildings, maintenance buildings, etc.)

(in kilowatt-hour)

11. Does your airport generate renewable energy?

Yes

No

If yes, how?

12. If yes, on average how much per year?

(in kilowatt-hour)

13. Does your airport purchase renewable energy?

Yes

No

Service Not Available

If yes, what type of energy?

14. If yes, on average how much per year?

(do NOT include energy purchased by your tenants/airlines)

(in kilowatt-hour)

15. Do any of your airport tenants purchase renewable energy?

Yes

No

Service Not Available

Don't Know

If yes, what type of energy?

16. If yes, on average how much per year?

(in kilowatt-hour)

17. Has your airport installed or upgraded to a more efficient Heating, Ventilation, and Air Conditioning (HVAC) system?

Yes

No

If yes, for how much of the airport?

(enter approximate percentage of the total system)

18. Does your airport utilize energy efficient lighting technologies?

Yes

No

If yes, for how much of the airport?

(enter approximate percentage of the total system)

19. If yes, what type?

20. Does your airport utilize efficient entryways to reduce heat/cooling loss?

Yes

No

If yes, for how much of the airport?

(enter approximate percentage of the total system)

21. Please describe any other energy efficiency initiatives your airport has undertaken:

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22. Is your airport located in an area designated as either non-attainment or maintenance for National Ambient Air Quality Standards?

(choose all that apply)

	1-Hour Ozone	8-Hour Ozone	Carbon Monoxide	Sulfur Dioxide	Particulate Matter PM-1.0	Particulate Matter PM-2.5	Lead
Non-Attainment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. Has your airport completed an airport air emissions inventory?

Yes

No

24. Has your airport provided that air emissions inventory or any other input to the state or local agency in State Implementation Plan (SIP) development?

Yes

No

25. Has a greenhouse gas (GHG) inventory been prepared for your airport?

Yes

No

26. If a GHG inventory has been prepared, what did it cover?

(choose all that apply)

N/A

Airport-owned Sources

Aircraft Operations

Other tenant activities

Other (please specify)

27. Has your airport established GHG or climate-related goals?

Yes

No

If yes, please describe.

28. Has a Hazardous Air Pollutant Analysis been prepared for your airport?

Yes

No

29. Has a Human Health Risk Assessment been prepared for your airport?

Yes

No

30. Have you ever conducted air pollutant measurements at your airport?

Yes

No

If yes, please describe.

31. How many vehicles do you as the airport operator own and operate that use clean fuels (e.g., CNG, Propane, Electricity, Biodiesel, Hydrogen)?

Number of Vehicles:

Percentage of Vehicles:

32. Does the airport provide any infrastructure for alternative fuels for vehicles (e.g., fueling stations, charging stations)?

Yes

No

If yes, please describe.

33. If yes, who owns the support infrastructure?

(choose all that apply)

N/A

Airport

Tenant

Other (please specify)

34. Please list how many active loading bridges your airport has available and how many gates your airport has available.

(for the purpose of this survey, 1 gate is space available for 1 airplane to park)

Gates:

Loading Bridges:

35. How many of your loading bridges have 400 HZ power?

(if none, please enter 0)

How Many Loading Bridges:

36. How many of your loading bridges have pre-conditioned air?

(if none, please enter 0)

How Many Loading Bridges:

37. At how many gates and what percentage of total aircraft operations are serviced by a fuel hydrant system?

(if none, please enter 0 in both boxes)

How Many Gates:

Percentage of Total Aircraft Operations:

38. Does your airport have an employee trip reduction and/or ride share program?

Yes

No

39. How many employees participate?

(estimate percentage)

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40. Does your airport have public transportation access?

Yes

No

41. Which forms?

(check all that apply)

N/A

Bus

Light Rail

Subway

Other (please specify)

Commuter Rail

Intercity Rail

Ferry

Shuttle

42. Does your airport have a cell phone waiting lot?

Yes

No

43. Does your airport have parking way finders in your parking lot and/or decks?

Yes

No

44. Does your airport provide pay-on-foot parking?

Yes

No

45. Does your airport have a consolidated rental car facility?

Yes

No

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46. Does your airport encourage or require low emissions rental cars, taxis, shuttles, or other ground access vehicles?

Yes

No

If yes, please explain

47. Does your airport have a program to reduce commercial vehicle trips (e.g., hotel and parking shuttles, limos, etc.)?

Yes

No

If yes, please explain

48. Do you provide bike parking at your airport?

Yes

No

49. Please describe any other air quality initiatives your airport has undertaken:

Noise

50. Does your airport track noise complaints?

Yes

No

51. Does your airport have a noise monitoring system?

Yes

No

52. Does your airport have a flight tracking system?

Yes

No

53. Does your airport offer interacting flight tracking/monitoring to the public from an internet portal?

Yes

No

54. Has your airport conducted a part 150 study?

Yes

No

55. Has your airport conducted a part 161 study?

Yes

No

56. Has the airport worked to establish flight paths/tracks to minimize noise exposure?

Yes

No

57. Does your airport have a noise abatement runway use program?

Yes

No

58. When is the program used?

N/A

Daytime

Nighttime

Both

59. Does the airport have ground run-up procedures or enclosures to reduce noise?

Yes

No

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60. Does your airport have a program with airlines encouraging noise abatement procedures (e.g., "Fly Quiet" program)?

Yes

No

61. Has your airport insulated homes, schools, or other buildings to deal with noise issues?

Yes

No

How many?

62. Has your airport purchased residential homes to remove residents from the highest noise impact areas?

Yes

No

How many?

63. Has your airport implemented a purchase assurance program or purchased aviation easements?
(choose all that apply)

N/A

Purchase Assurance Program

Aviation Easements

Other (please specify)

64. Indicate how many homes have participated in the corresponding program.

Purchase Assurance Program

Aviation Easements

Other

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65. Does your airport actively participate in local land use planning (comprehensive planning, zoning, building code, etc)?

Yes

No

If yes, through what organization?

66. How many residences are located in the 65 DNL/CNEL contour today (or your most recent contour)?

Homes Located in that Contour

Date of Last Contour (mm/dd/yyyy)

67. How many residences were located in the 65 DNL/CNEL contour in 1990 (or as close to 1990 as you have estimated)?

68. Does your airport have a public commission/committee that meets regularly concerning noise and noise abatement policies at your airport?

Yes

No

69. Please describe any other noise initiatives your airport has undertaken:

Water Conservation

70. Does your airport have automatic shutoff fixtures in public restrooms?

Yes

No

71. If yes, how many fixtures and what is the percentage of total fixtures?

How Many Total Fixtures:

What Percentage of Total Fixtures:

72. Does your airport have low-flow plumbing fixtures?

Yes

No

73. If yes, how many fixtures and what is the percentage of total fixtures?

How Many Total Fixtures:

What Percentage of Total Fixtures:

74. Does your airport have waterless urinals?

Yes

No

75. If yes, how many waterless urinals and what is the percentage of total urinals?

How Many Total Waterless Urinals:

What Percentage of Total Urinals:

76. Does your airport have a water reuse program?

Yes

No

77. Does your airport utilize xeriscape landscaping?

Yes

No

78. Please describe any other water conservation initiatives your airport has undertaken:

Waste Management

79. Does your airport have a waste recycling/reusing/composting program?

Yes

No

80. If yes, on average how much municipal solid waste is recycled/reused/composted (e.g., exclude all construction and demolition (C&D) waste, restaurant grease, glycol, etc.)?

(in tons)

(percentage of total municipal solid waste)

81. If your program includes construction and demolition (C&D) waste, on average how much is recycled/reused/composted?

(in tons)

(percentage of total C&D waste)

82. What areas are covered by the program?
(choose all that apply)

- N/A
- Public Spaces
- Concessions
- Administrative Offices
- Cargo
- Other (please specify)
- Construction and Demolition
- Parking Lots/Structures
- Maintenance and Operations
- Airlines (including aircraft)

83. What materials are included?
(choose all that apply)

- N/A
- Aluminum
- Glass
- Plastics
- Paper
- Cardboard
- Other (please specify)
- Wood/Pallets
- Metal
- Food/Coffee Grinds
- Construction and Demolition Debris
- Hazardous Waste

84. Does your airport have a green purchasing program?

Yes

No

85. Please describe any other waste management initiatives your airport has undertaken:

Green Buildings

86. Does your airport have any LEED certified buildings?

Yes

No

87. Which buildings and to what certification level?
(e.g., terminal-Gold, ARFF Station-Silver)

88. Does your airport have any buildings built in accordance with LEED standards for which you are seeking but have not yet received, LEED certification?

Yes

No

89. Which buildings and to what certification level?
(e.g., terminal-Gold, ARFF Station-Silver)

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90. Does your airport have any buildings built in accordance with LEED standards, for which you will not be seeking certification?

Yes

No

Why?

91. Which buildings?
(please list)

92. Please describe any other green building initiatives your airport has undertaken:

Final

93. Please describe any other environmental initiatives your airport has undertaken and/or case study information that you may be interested in sharing with ACI -NA:

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94. Comments on the survey questionnaire:

A large, empty text input field with a light gray background and a thin border. On the right side, there are two small, gray, triangular scroll buttons, one at the top and one at the bottom, indicating that the field is scrollable.

Thank you for taking the time to complete this survey. If your organization checked the appropriate box to remain anonymous, you will not be noted in the final report. Any further questions or comments can be addressed to Jessica Steinhilber at jsteinhilber@aci-na.org or Matt Griffin at mgriffin@aci-na.org. Thank you again.