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A CATALOG OF SOCIAL SURVEYS OF RESIDENTS'
REACTIONS TO ENVIRONMENTAL NOISE (1943-1980)

JAMES M. FIELDS

AUGUST 1981

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National Aeronautics and
Space Administration

Langley Research Center
Hampton, Virginia 23665

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A CATALOG OF SOCIAL SURVEYS OF RESIDENTS'
REACTIONS TO ENVIRONMENTAL NOISE (1943-1980)

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NASA Langley Research Center
Hampton, Virginia

SUMMARY

Two hundred social surveys of people's responses to environmental noise in residential areas are briefly described. The surveys are indexed by country, noise source and date of survey. The publications and reports about each survey are listed in a bibliography. Recent English translations of fourteen publications are listed separately. Nineteen surveys are listed which are available for secondary analysis from a data archive.

INTRODUCTION

Social surveys have been widely used since the early 1960's to assess the impact of environmental noise in residential areas. These surveys have usually measured impact on each surveyed individual (respondent) with a standardized questionnaire. In most cases noise levels have been either measured or estimated for each respondent's residence. Analyses in the studies have identified characteristics of the noise environment, non-noise environment and the respondents which affect the impact of environmental noise.

These surveys have often been underutilized because information about the surveys has been difficult to obtain. This is partly because most surveys' immediate purposes have been fulfilled with reports to sponsoring agencies. In such cases the results have often not become widely published and researchers and planners have not been able to locate relevant surveys. While other surveys have produced publications, their large data sets have only been partially analyzed. The potential thus exists for increasing some types of knowledge about reactions to noise without gathering additional data.

In order to more fully utilize these existing social surveys, a three part program is being carried out at the NASA Langley Research Center: (1) reanalysis of existing surveys (2) preservation of existing surveys in data archives and (3) dissemination of information about existing surveys and their publications.

The survey reanalyses are being published in separate reports as the work on particular research questions is completed. The data archive part of the program is being carried out through the Social Science Research Council (SSRC) Data Archive (described in a later section of this report). The third part of the program, the dissemination of information about existing surveys, is the chief goal of this report.

The major part of this report is a catalog which contains descriptions of 200 surveys of people's response to noise. The entries are arranged in the catalog by country. Additional indices of the surveys are provided which are arranged by noise source, country, date of survey and survey identification number. A bibliography of all these surveys' publications and reports is provided. The availability of English translations is noted. The SSRC data archive holdings are also listed.

DESCRIPTION OF INFORMATION IN CATALOG

Each survey's entry in the catalog consists of a basic description and a list of the study's publications and reports. Although each description is brief, it should enable a user to determine whether he will want to examine a study's reports. More extensive descriptions of studies were considered but rejected because they would have required considerably more effort without relieving most users from the necessity of consulting a study's reports.

This catalog lists social surveys of residents' response to environmental noise. (Social surveys of response to noise in the workplace have not been included). The catalog includes all surveys which have been described in the following 10 major English language publications: Journal of Sound and Vibration (Vol. 1-73), Journal of the Acoustical Society of America (Vol. 1-68), Noise Control (All Issues), Sound (All Issues), Noise Control Engineering (Vol. 1-14), International Congress of Acoustics Proceedings, (1-9th meetings) INTERNOISE Proceedings (through 1980), NOISE-CON Proceedings (through 1979), a Wyle report on social surveys (Wyle, 1977) and an article reviewing surveys (Schultz, 1978).

Other sources have also been consulted. An attempt has been made to include all major, large scale surveys whether or not they are available in English. Many other, less widely known surveys are also listed.

A few surveys were identified but not included in the catalog because their publications could not be obtained or their principal investigators could not be contacted. It seems likely that Japan is the only country in which large numbers of major surveys have been carried out which could not be included in this catalog. (Neither English language documents nor adequate addresses for researchers were available for nine known Japanese studies).

Each study's entry consists of information under the following eleven headings:

a. Study Code: This two part alpha-numeric code has been assigned for the purpose of this report. The three letters indicate the country. The three digit number is, by itself, unique for each survey. (The preceding letters are only attached to aid in locating the survey in the catalog). In so far as is possible, this number has been assigned in ascending order by date of survey.

b. Title: This title is consistently used in this catalog and its indices.

Any other widely used title for the survey follows in parentheses. The terms "pilot" or "preliminary" are used only when the authors used the terms. In some instances such surveys may have been carried out on a larger scale than many other "main" surveys.

c. Date: This is the date when the social survey data were collected. Associated noise measurement programs, if any, may have been carried out in a different year.

d. Main Sources: The major noise sources studied are identified.

e. Location: The country and city or airport where the survey was conducted is named.

f. Sample size: This is the number of interviews used in the main analysis. In cases where some respondents were reinterviewed, the number of respondents is also noted. Unless otherwise noted, this number does not include supplementary samples which were drawn to study special groups (eg. complainants) or to study particular methodological issues.

g. Noise level: Where estimates of the noise exposure levels at respondents' residences are available, the level of grouping of the noise estimate is indicated. If one decibel or finer distinctions are made, the noise level is labeled "continuous." No attempt is made to judge the quality of the noise level estimates or the measurements upon which the estimates are made.

h. Reports: The authors and dates of all known reports and publications for each study are listed. The complete reference for each item can be found in the bibliography section of this report. The availability of English translations is noted in the bibliography. In order to assist readers who are attempting to collate reports on the same survey, papers presented at professional meetings are included even when other later reports may be more complete. Publications which contain only secondary analyses or references to previously published data are not usually included.

i. Methods: The following phrases are used to refer to four aspects of the study method:

(1) "Fixed Format Questionnaire": These studies have a set of questions which are to be read exactly as written in the order presented in the questionnaire.

(2) "Face-to-Face Interviews": These studies are conducted by interviewers who read the questionnaire to the respondent when the interviewer is physically present.

(3) "Cross-sectional Study Design": Each respondent is interviewed once. All respondents in a particular area are interviewed at approximately the same time.

(4) "Residents of Area Studied": The respondents are residents in the area in which the environmental noise is rated.

j. Comments: Any unusual aspects of surveys are described. Close linkages with other studies are noted. Where the study has been previously listed in either the Wyle (Wyle, 1977) or Schultz (Schultz, 1978) publications this is noted. The Wyle identification number is also given.

k. Contact: The address of a person or organization which can provide further information about the survey is given.

CATALOG OF SURVEYS

The surveys are listed by the full six character alpha-numeric identifier. As a result, surveys are grouped by country. Where one survey has been conducted in several countries, the study is listed under only one country in this catalog but is cross listed under all countries in the country index.

The catalog begins on the page after this one.

CATALOG

Study Number: AUL-036
Title: 1969 Sydney Airport Noise Survey
Date: 1969
Major Source: Aircraft
Location: Australia: Sydney Airport
Sample Size: 296 main sample (20 complainants interviewed)
Noise Level: Available
Reports: Mather, 1971
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Twenty specially selected complainants were also interviewed. This study was cited in the list of surveys used by Wyle, 1977 (A39).
Contact: Dr. C.E. Mather
Environment Protection Authority of Victoria
P.O. Box 41
East Melbourne
Victoria 3002
Australia

Study Number: AUS-014
Title: 1964 Vienna Road Traffic Noise Survey
Date: 1964
Major Source: Road Traffic
Location: Austria: Vienna
Sample Size: 400
Noise Level: Available
Reports: Bruckmayer and Lang, 1967
Bruckmayer and Lang, 1968
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used by Schultz, 1978.
Contact: Dr. Judith Lang
Kustos der Staatlichen Versuchsanstalt fur Warme
und Schalltechnik am Technologischen
Gaverbemuseum in Wien
Wahringer Strasse 59
1090 Wien
Austria

Study Number: AUS-093
Title: 1973 Vienna Road Traffic Noise Survey
Date: 1973

CATALOG (Continued)

Major Source: Road traffic

Location: Austria: Vienna

Sample Size: 2624

Noise Level: Available

Reports: Lang, 1975

Lang, 1978

Lang, 1977

Lang, 1976

Methods: Residents of area interviewed.

Cross-sectional study design.

Fixed format questionnaire.

Comments: This study was cited in the list of surveys used
by Schultz, 1978.

Contact: Dr. Judith Lang

Kustos der Staatlichen Versuchanstalt

fur Warme und Schalltechnik am

Technologischen Gaverbemuseum in Wein

Wahringer Strasse 59

1090 Wein

Austria

Study Number: AUS-178

Title: 1977 Austrian Road Traffic Survey

Date: 1977

Major Source: Road traffic

Location: Austria: at 49 measurement points in both rural and urban areas

Sample Size: 462

Noise Level: Available

Reports: Lang, 1978

Methods: (Not known)

Comments: NONE

Contact: Dr. Judith Lang

Kustos der Staatlichen Versuchanstalt

fur Warme und Schalltechnik am

Technologischen Gaerbemuseum in Wien

Wahringer Strasse 59

1090 Wien

Austria

Study Number: BEL-107

Title: Preliminary Leuven Traffic Noise Survey

Date: 1976 Publication (Date of survey not known)

Major Source: Road traffic

Location: Belgium: Leuven

Sample Size: 247

Noise Level: Available

Reports: Gambart, Myncke and Cops, 1976

Methods: Fixed format questionnaire.

CATALOG (Continued)

Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: The survey was designed primarily to help plan the
1975 Antwerp Traffic Noise Survey (BEL-122) and 1976
Brussels Traffic Noise Survey (BEL-137).
This study was cited in the list of surveys used
by Wyle, 1977 (A27).
Contact: Dr. H. Myncke
Laboratorium voor Akoestiek en Warmeteleiding
Katholieke Universiteit Leuven
3030-Heverlee
Belgium

Study Number: BEL-122
Title: 1975 Antwerp Traffic Noise Survey
Date: 1975 (May to October)
Major Source: Road traffic
Location: Belgium: Antwerp
Sample Size: 1319
Noise Level: Available
Reports: Cops, et al., 1978
Myncke, Cops, et al., 1977
Myncke, Cops and Gambri, 1977
Myncke, Cops and Steenackers, 1977
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: The study is quite similar to the 1976
study in Brussels CN-041. Some questions were
different in the two questionnaires. The study
was based on the large scale Preliminary
Leuven Traffic Noise Survey CN-042.
This study was cited in the list of surveys listed by
Schultz, 1978.
Contact: Dr. H. Myncke
Laboratorium voor Akoestiek en Warmeteleiding
Katholieke Universiteit Leuven
3030-Heverlee
Belgium

Study Number: BEL-137
Title: 1976 Brussels Traffic Noise Survey
Date: 1976 (May to October)
Major Source: Road traffic
Location: Belgium: Brussels
Sample Size: 494

CATALOG (Continued)

Noise Level: Available

Reports: Myncke, Cops et al., 1977
Myncke, Cops and Gambri, 1977
Myncke, Cops and Steenackers, 1977

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: The study is quite similar to the 1975 Study Antwerp (BEL-122). Some questions were different in the two questionnaires. The study was based on the large scale Preliminary Leuven Traffic Noise Survey BEL-107. This study was cited in the list of surveys used by Schultz, 1978.

Contact: Dr. H. Myncke
Laboratorium voor Akoestiek en Warmeteleiding
Katholieke Universiteit Leuven
3030-Heverlee
Belgium

Study Number: BEL-151

Title: 1977-78 Belgium Four Airport Noise Survey

Date: 1977, 1978

Major Source: Aircraft

Location: Belgium: Four airports, Helchteren, Grimbergen, Deurne, Middelkerke

Sample Size: 150

Noise Level: Available (continuous)

Reports: Myncke and Cops, 1978

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: The four airports include one military airfield, one general aviation airport and two with both commercial and general aviation movements.

Contact: Dr. H. Myncke
Laboratorium voor Akoestiek en Warmeteleiding
Katholieke Universiteit Leuven
3030-Heverlee
Belgium

Study Number: CAN-055

Title: 1971 Dorval Aircraft Noise Survey

Date: 1971 (June-August)

Major Source: Aircraft

Location: Canada: Dorval Airport in Montreal

Sample Size: 1000 (approximately 150 complainant samples)

CATALOG (Continued)

(approximately 150 anti-noise organization members)
(approximately 800 random selections)
Noise Level: Available (appears to be continuous)
Reports: Community Reaction..., 1972
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A60).
Contact: Dr. Robert Leong
Imperial Oil
111 St. Clair
Toronto, Ontario
Canada

Study Number: CAN-076
Title: 1972 London and Woodstock Community Noise Survey
Date: 1972-1973
Major Source: Community
Location: Canada: London and Woodstock (Ontario)
Sample Size: 800
Noise Level: Available
Reports: Foreman, Emmerson, and Dickinson, 1974
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys listed
by Wyle, 1977 (A25).
Contact: Dr. John Foreman
Sound and Vibration Laboratory
Faculty of Engineering Science
University of Western Ontario
London N6A 5B9
Canada

Study Number: CAN-077
Title: 1972 Edmonton Community Noise Survey
Date: 1972 (Summer and early Fall)
Major Source: Community
Location: Canada: Edmonton
Sample Size: 4014
Noise Level: A noise measurement survey was carried out, but its'
results are not related to responses in the report
Reports: Bolstad, 1973
Methods: Fixed format questionnaire.
Residents of area interviewed.

CATALOG (Continued)

- Cross-sectional study design.
There were 1201 personal interviews. Self-administered questionnaires were filled out by 3013 respondents.
- Comments: This study was cited in the list of surveys listed by Wyle, 1977 (A59).
- Contact: Mr. Bolstad
Bolstad Engineering Associates
Edmonton, Alberta
Canada
- Study Number: CAN-078
Title: 1972 Calgary Noise Survey
Date: 1972 (February to October)
Major Source: Community, Aircraft, Railway
Location: Canada: Calgary
Sample Size: 1081 questionnaires, 504 self-administered in winter
226 self-administered in summer; 351 interviewed
Noise Level: Available (continuous)
Reports: Dunn and Jones, 1975
Jones et al., 1974
Dunn and Posey, 1974
Methods: Residents of area interviewed.
Fixed format questionnaire.
Cross-sectional study design.
Self-administered questionnaires were used for the "winter" and "summer" surveys. A different questionnaire was used for the interviews.
- Comments: In addition to the residential data, information was collected in hospitals, nursing homes, schools and shopping areas.
- Contact: Dr. B.E. Jones
Psychology Dept.
University of Calgary
Calgary, Alberta, T2N 1N4
Canada
- Study Number: CAN-079
Title: 1972 Toronto Community Noise Survey
Date: 1972 (March, April)
Major Source: Community
Location: Canada: Toronto
Sample Size: 2454
Noise Level: Available (continuous)
Reports: Bremner, 1973
Methods: Fixed format questionnaire.
Face-to-face interviews.
Cross-sectional study design.
Interviews were carried out with people close

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to the noise monitoring sites. Some were residents in the area and some worked in the neighborhood but lived elsewhere.

Comments: This study was cited in the list of surveys listed by Wyle, 1977 (A16).

Contact: Dr. V. L. Henderson
Valcoustics Canada Ltd.
30 Drewery Ave.
Willowdale, Ontario M2C 4C4
Canada

Study Number: CAN-120

Title: 1975 Western Ontario University Traffic Noise Survey

Date: 1975 (Summer and Fall): 1976 (May to September)

Major Source: Road traffic

Location: Canada: Four cities; London, Toronto, Tillsanburg, Ingersall (48 sites)

Sample Size: 1216 interviews with 1150 respondents

Noise Level: Available (continuous)

Reports: Bradley, 1976
Bradley and Jonah, 1977
Bradley, 1978
Bradley and Jonah, 1979a
Bradley and Jonah, 1979b
Bradley and Jonah, 1979c
Bradley, 1980
Jonah, Bradley and Dawson, 1981

Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.

Comments: Sixty-six interviews were repeat interviews. The same interview form is used in two years in four locations to study five types of area characteristics.

Contact: Dr. J.S. Bradley
Division of Building Research
National Research Council of Canada
Ottawa, Ontario, Canada K1A 0R6

Study Number: CAN-121

Title: 1975-76 Southern Ontario Community Survey

Date: 1975 (May, June, July): 1976 (Summer)

Major Source: Community, (especially road traffic)

Location: Canada: Hamilton, Burlington and Mississauga, Toronto area

Sample Size: 1786

Noise Level: Available (continuous)

Reports: Hall and Taylor, 1976a

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Hall, Taylor and Birnie, 1977
Hall and Taylor, 1977
Hall and Taylor, 1976b
Hall, Birnie and Taylor, 1979
Taylor and Hall, 1977
Taylor, Birnie and Hall, 1978
Hall, Birnie and Taylor, 1978a
Hall, Birnie and Taylor, 1978b
Hall, 1979
Uptegrove, Hall, Taylor, Goulden, 1977

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: The questionnaires were not identical in the two years. The second year's study placed more emphasis on road traffic. Some sites had noise barriers. This study was cited in the list of surveys used by Schultz, 1978, and Wyle, 1977 (A64).

Contact: Dr. Fred Hall
Dept. of Geography
McMaster University
1280 Main Street West
Hamilton, Ontario, L8S 4K1
Canada

Study Number: CAN-126

Title: Toronto Railway Noise Survey

Date: 1975 Publication (Date of survey not known)

Major Source: Railway

Location: Canada: Toronto

Sample Size: 170 (approximately)

Noise Level: Available (continuous)

Reports: Hemingway, 1975

Hemingway, 1976

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: This study was cited in the list of surveys used by Wyle, 1977 (A67).

Contact: Mr. Hemingway
Noise Pollution Control Section
Pollution Control Branch
Ministry of the Environment
Ontario
Canada

CATALOG (Continued)

Study Number: CAN-136

Title: 1976 Impulse Noise Survey

Date: 1976 (June-October)

Major Source: Impulse noise from drop forging industrial plants

Location: Canada: Welland, Port Colborne and Windsor

Sample Size: 607

Noise Level: Available

Reports: Seshagiri, 1979

Seshagiri, 1980

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: Residents of the communities were asked about their reactions to the industrial noise which could be heard from their homes.

Contact: Mr. J. Manuel, Supervisor

Noise Pollution Control Section

Ontario Ministry of the Environment

135 St. Clair Avenue West

Toronto, Canada

M4V 1P5

Study Number: CAN-168

Title: 1978 Canadian Four Airport Survey

Date: 1978 (Summer): 1979 (Summer) reinterviews

Major Source: Aircraft

Location: Canada: Four airports; Toronto, Buttonville, Waterloo-Wellington, Oshawa

Sample Size: 965 original interviews (212 reinterviews in 1979)

Noise Level: Available (continuous)

Reports: Hall, Birnie and Taylor, 1979

Birnie, Hall, Taylor, and Martin, 1980

Birnie, Hall, and Taylor, 1980

Taylor, Hall, and Birnie, 1980

Hall, Dixit, Taylor, and Martin, 1980

Taylor, Hall, and Birnie, 1979

Hall, Taylor, and Birnie, 1980

Methods: In 1979, 212 respondents were reinterviewed in Toronto.

Comments: Three of the airports were general aviation airports.

Contact: Dr. Fred L. Hall

Dept. of Geography

McMaster University

1280 Main St. West

Hamilton, Ontario L8S 4KI

Canada

CATALOG (Continued)

Study Number: CAN-169
Title: 1978-79 Canadian Five Railway Yard Survey
Date: 1978-1979
Major Source: Railway
Location: Canada: Five railway yards in Ontario
Sample Size: 544
Noise Level: Available (continuous)
Reports: Dixit and Reburn, 1980
Hall, Dixit and Taylor, 1980
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Mr. A.K. Dixit
Noise Pollution Control Section
Ontario Ministry of the Environment
40 St. Clair Ave. West
Toronto
Ontario, Canada

Study Number: CAN-174
Title: 1978 Canadian National Community Noise Survey (National Household Survey of Noise Exposure)
Date: 1978 (June to September)
Major Source: Community, Aircraft, Railway
Location: Canada: National wide sample as well as special samples near two airports (St. Hubert in Quebec; Waterville in Nova Scotia) and four railway sites (Truro in Nova Scotia; Grand Falls, St. Leonard and Edmunston in New Brunswick)
Sample Size: 8838
Noise Level: Some data available for 150 respondents
Reports: Data Base, 1979
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. E. R. Welbourne
Vehicle Systems
Road and Motor Vehicle Traffic Safety,
Ottawa Ontario
Canada K1A 0N 5

Study Number: CAN-181
Title: 1979 Canadian Three Airport General Aviation Study
Date: 1979 (July)
Major Source: Aircraft

CATALOG (Continued)

- Location: Canada: Three general aviation airports: Oshawa,
Buttonville, Maple
- Sample Size: 30
- Noise Level: Available (continuous)
- Reports: Taylor, Birnie and Hall, 1980
- Methods: Residents of area interviewed.
Some people had previously been interviewed in
1978 (CAN-168). Three study methods were
used; in-depth interviews, diary, and field
experiment.
- Comments: A major study objective was to study the
feasibility of the three methods.
- Contact: Dr. Fred L. Hall
Dept. of Geography
McMaster University
1280 Main Street West
Hamilton, Ontario L8S 4KI
Canada
-
- Study Number: CZE-109
- Title: Bratislava Traffic Noise Survey
- Date: 1974 Publication (Date of survey not known)
- Major Source: Road
- Location: Czechoslovakia: 12 streets in Bratislava
- Sample Size: The survey was carried out for 340 apartments
- Noise Level: (Availability of noise data not determined)
- Reports: Radulov, 1974
- Methods: Residents of area interviewed.
- Comments: NONE
- Contact: Mr. Radulov
Research Institute of Hygiene
Bratislava
Czechoslovakia
-
- Study Number: DEN-075
- Title: 1972 Copenhagen Traffic Noise Survey
- Date: 1972
- Major Source: Road traffic
- Location: Denmark: Copenhagen
- Sample Size: 960
- Noise Level: Available
- Reports: Relster, 1975
Kragh, 1977
- Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
- Comments: The study was designed to test the effect of housing

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type (apartments vs. other types) on response to traffic noise. This study was cited in the list of surveys used by Wyle, 1977 (A65), and Schultz, 1978.

Contact: Dr. Else Relster
Danish Labour Inspectorate
Dept. of Safety and Health
Bosenvaengets Alle 16-18
DK-2100 Copenhagen O.
Denmark

Study Number: DEN-200
Title: 1979 Danish Railway Noise Survey
Date: 1979 (August-September)

Major Source: Railway
Location: Denmark:

Sample Size: 615

Noise Level: Available (continuous)

Reports: Andersen et al., 1980
Kuhl, 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Mr. Tage V. Andersen
Miljostyrelsen
Miljosnisteriet
Strandgade 29
1401 Kobenhavn K
Denmark

Study Number: FRA-016
Title: 1965 Four French Airport Noise Study
Date: 1965 (November) to 1966 (April)

Major Source: Aircraft

Location: France: Four airports; Le Bourget (Paris), Orly (Paris),
Marseilles, Lyon

Sample Size: Approximately 2000

Noise Level: Available (continuous)

Reports: Josse, 1969
Alexandre, 1970
CSTB, 1968
Assoc. d'Anthropologie Applique's, 1967

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: This study was cited in the list of surveys used

CATALOG (Continued)

by Wyle, 1977 (A33), and Schultz, 1978.
Contact: Dr. A. Alexandre
Head of Special Studies Section
Urban Environment Division
Organization for Economic Cooperation and Development
2 Rue Andre-Pascal
75775 Paris Cedex 16
France

Study Number: FRA-017
Title: 1965 Regional French Sonic Boom Survey
Date: 1965
Major Source: Sonic booms from aircraft
Location: France: both Eastern and Southwestern regions of France
Sample Size: 2296
Noise Level: Not available
Reports: de Brisson, 1966
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Some people who had complained about sonic booms
were especially selected for the study.
Contact: Mr. A. de Brisson
Centre d'Etudes et d'Instruction Psychologiques de
l'Armee de l'Air
Base Aerienne 272
78210 Saint Cyr L'Ecole
France

Study Number: FRA-019
Title: 1965 Paris Expressway Noise Survey
Date: 1965
Major Source: Expressway
Location: France: Paris area
Sample Size: 420 (370 were used in the analysis)
Noise Level: Available (continuous)
Reports: Lamure and Bacelon, 1967
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A35), and Schultz, 1978.
Contact: Dr. C. Lamure
Institute de Recherche des Transports
109 Avenue Salvador Allende
B.P. 75

CATALOG (Continued)

69672 Bron Cedex
France

Study Number: FRA-041

Title: 1969 Paris Road Traffic Noise Study

Date: 1969

Major Source: Road traffic

Location: France: Paris area

Sample Size: 700

Noise Level: Available for 500 interviews

Reports: Aubree, Auzou, Rapin, 1971

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A2).

Contact: Dr. M. Aubree

Centre Scientifique et Technique du Batiment
Etablissement de Nantes
11 Rue Henri Picherit
44300 Nantes
France

Study Number: FRA-045

Title: 1970 French Sonic Boom Survey

Date: 1970 (November 11 to 16)

Major Source: Sonic booms from aircraft

Location: France

Sample Size: 2848 main study interviews, also 283 complainants

Noise Level: Not available, but frequency of booms is known

Reports: Bremond, 1974
Centre d'Etudes..., 1971

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: An additional sample of 283 complainants was interviewed

Contact: Dr. J. Bremond

Centre d'Etudes et de Recherches Psychologiques Air
Base Aerienne 272
78210 Saint Cyr L'Ecole
France

Study Number: FRA-056

Title: 1971 Orly Aircraft Noise Survey

Date: 1971 (April 18-May 17 for main study).

CATALOG (Continued)

Major Source: Aircraft

Location: France: Orly airport (Paris)

Sample Size: 4998 in main study. In-depth interviews were conducted with 39 respondents

Noise Level: Available (5 dB steps)

Reports: Francois, 1979
Francois and Roche, 1973
Francois, 1975c
Francois, 1972

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: The in-depth interviews are reported on in some detail in one publication (Francois, 1972).

Contact: Dr. Jacques Francois
L'Institut Francais d'Opinion Publique
20 Rue d'Aumale
75441 Paris 9E
France

Study Number: FRA-063

Title: 1972 Paris Area Railway Noise Survey

Date: 1972 (April)

Major Source: Railway

Location: France: Paris area

Sample Size: 350

Noise Level: Available (continuous)

Reports: Aubree, 1973
Aubree, 1975
Gilbert, 1973

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: This study was cited in the list of surveys used by Wyle, 1977 (this single study is referenced as both A3 and A4), and Schultz, 1978.

Contact: Dr. M. Aubree
Centre Scientifique et Technique du Batiment
Etablissement de Nantes
11 rue Henri Picherit
44300 Nantes
France

Study Number: FRA-087

Title: 1973 St. Cyr L'Ecole General Aviation Noise Survey

Date: 1973 (October)

CATALOG (Continued)

Major Source: Aircraft general aviation
Location: France: Six areas around St. Cyr L'Ecole airport
Sample Size: 401
Noise Level: Available (continuous)
Reports: Francois, 1975a
Methods: Fixed format questionnaire.
Cross-sectional study design.
Comments: Designed for comparison to the 1971 Orly Study (FRA-056).
Contact: Dr. Jacques Francois
L'Institut Francais d'Opinion Publique
20 Rue d'Aumale
75441 Paris 9E
France

Study Number: FRA-092
Title: 1973 French 10 City Traffic Noise Survey
Date: 1973 (September, October): 1974 (January): 1975 (September)
Major Source: Road traffic
Location: France: 10 cities
Sample Size: 1200
Noise Level: Available (continuous)
Reports: Vallet et al., 1978
Aspects de la...., 1976
Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
After the first set of interviews (in 1973 for 9 sites and January, 1974 for Lyon Villeun banne) two of the sites (Nimes and Bourg) were revisited for 200 additional interviews (Sept. 1975).
Interviews were not necessarily carried out with the same people.
Comments: NONE
Contact: Dr. M. Vallet
Institute de Recherche des Transports
109 Avenue Salvador Allende
B.P.75
69672 Bron Cedex
France

Study Number: FRA-098
Title: 1974-75 Roissy Airport Before-After Opening Noise Survey
Date: 1974, 1975
Major Source: Aircraft
Location: France: Charles de Gaulle airport (Roissy area near Paris)
Sample Size: 1174 interviews from 690 respondents
Noise Level: Available
Reports: Francois, 1979

CATALOG (Continued)

- Francois, 1977
Francois, 1975b
- Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
Repeated interviews before and after opening Charles de Gaulle airport with 484 people.
- Comments: The study was especially designed for comparison to 1975 Orly and 1974 French National Aircraft survey. Information is available on people leaving the area in first year of the airport's operation. This study was cited in the list of surveys used by Wyle, 1977 (A26).
- Contact: Dr. Jacques Francois
L'Institut Francais d'Opinion Publique
20 Rue d'Aumale
75441 Paris 9E
France
-
- Study Number: FRA-099
Title: 1974 French National Aircraft Noise Survey
Date: 1974
- Major Source: Aircraft
Location: France: Probability sample of France
Sample Size: 1000
Noise Level: Not available
- Reports: Francois, 1975b
Francois, 1980
- Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
- Comments: This study was especially designed to compare to the 1975 Orly and 1974-75 Roissy studies.
This study was cited in the list of surveys used by Wyle, 1977 (A26).
- Contact: Dr. Jacques Francois
L'Institut Francais d'Opinion Publique
20 Rue d'Aumale
75441 Paris 9E
France
-
- Study Number: FRA-113
Title: 1975 Orly Airport Noise Study
Date: 1975
- Major Source: Aircraft
Location: France: Orly Airport (Paris)
Sample Size: 997
Noise Level: Available

CATALOG (Continued)

Reports: Francois, 1979
Francois, 1977b
Francois, 1980
Francois, 1977c
Francois, 1975b

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: The study was especially designed for comparison to 1974 French National Aircraft Noise Survey (FRA-099) and the Roissy Airport before-after Opening Noise Survey (FRA-098).
This study was cited in the list of surveys used by Wyle, 1977 (A26).

Contact: Dr. Jacques Francois
L'Institut Francois d'Opinion Publique
20 Rue d'Aumale
75441 Paris 9E
France

Study Number: FRA-124

Title: 1975-76 l'Hay les Roses Barrier Survey
Date: 1975-76 (October)

Major Source: Motorway

Location: France: at l'Hay les Roses (South of Paris)

Sample Size: 700

Noise Level: Available (continuous)

Reports: Vallet, et al., 1979
Vallet, et al., 1977

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: People were interviewed 6 months after the barrier was built about their evaluation of the noise before and after the barrier was built.

Contact: Dr. Michel Vallet
Institute de Recherche des Transports
109 Avenue Salvador Allende
B.P. 75
69672 Bron Cedex
France

Study Number: FRA-131

Title: 1976 Orly Medical Effects Study
Date: 1976 (June)

Major Source: Aircraft

CATALOG (Continued)

Location: France: One high noise area around Orly and two comparative samples from low noise areas
Sample Size: 150
Noise Level: Not available
Reports: Francois, 1977a
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
The standard interview is supplemented by a self-administered questionnaire and by a medical examination.
Comments: The study examined the possibility that some of the variation in attitudes could be related to physical characteristics of respondents.
Contact: Dr. Jacques Francois
L'Institut Francais d'Opinion Publique
20 Rue d'Aumale
75441 Paris 9E
France

Study Number: FRA-146
Title: 1977 French Light Aircraft Study
Date: 1977 (May-June)
Major Source: Light aircraft
Location: France: Four Paris-area airports; Chavenay, Guyancourt, St-Cyr-1 Ecole, Chelles-le-Pin
Sample Size: 800
Noise Level: Available
Reports: La Gene Causee..., 1978
Bremond, 1979
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. J. Bremond
Centre d Etudes et de Reserches Psychologiques Air
Base Aerienne 272
78210 Saint Cyr L Ecole
France

Study Number: FRA-150
Title: 1977 Roissy Airport Survey
Date: 1977
Major Source: Aircraft
Location: France: Roissy

CATALOG (Continued)

Sample Size: 943
Noise Level: Available (4 dB steps used in the analysis)
Reports: Francois, 1979a
Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
Of the 943 respondents, 218 had also been interviewed in
1974 and 1975.
Comments: Designed for comparison to the earlier Roissy study
study (FRA-098).
Contact: Dr. J. Francois
L'Institut Francais d'Opinion Publique
75441 Paris 9E
France

Study Number: FRA-189
Title: 1971 French Concorde Sonic Boom Study
Date: 1971 (May)
Major Source: Aircraft
Location: France: Three areas which had been included in an earlier
sonic boom study (FRA-045).
Sample Size: 1202
Noise Level: Numbers of sonic booms and the relationship to the Concorde
flight path is known.
Reports: Bremond, 1971
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: A double blind technique was used in which neither
interviewees of respondents knew that Concorde had
flown three times in the previous week.
Contact: Dr. J. Bremond
Centre d'Etudes et de Recherches Psychologiques Air
Base Aeriennne 272
78210 Saint Cyr L'Ecole
France

Study Number: FRA-197
Title: 1979 French Behavioral Effects of Road Noise Study
Date: 1979
Major Source: Road Traffic
Location: France: 15 areas in Lyon and Marseille
Sample Size: 1486
Noise Level: Available (continuous)
Reports: Lambert and Simonnet, 1980
Methods: Fixed format questionnaire.
Residents of area interviewed.

CATALOG (Continued)

Face-to-face interviews.
Cross-sectional study design.

Comments: The study measured behavioral reactions to noise. In depth interviews were carried out in five of the sites after the main survey.

Contact: Mr. Jacques Lambert
Institute de Recherche des Transports
109 Avenue Salvador Allende
B.P. 75
69672 Bron Cedex
France

Study Number: GER-034

Title: 1969 Munich Airport Noise (DFG Aircraft Noise Study)

Date: 1969 (February - June)

Major Source: Aircraft

Location: Federal Republic of Germany: Munich Airport

Sample Size: 660 main social survey interviews (also 115 repeated interviews, 152 migrants interviewed)

Noise Level: Available (continuous)

Reports: Rohrman et al. 1973
Finke et al., 1975
Finke, and Martin, 1974
Deutsche Forschungsgemeinschaft, 1974
Martin, et al., 1973

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: This survey was one part of a multidisciplinary study. In addition to 660 main interviews, 152 migrants were interviewed, 115 retests were performed, 375 people had special psychological and physiological tests, and 392 had medical tests.

This study was cited in the list of surveys used by Wyle, 1977 (A24), and Schultz, 1978.

Contact: Dr. B. Rohrman
Sonderforschungsbereich 24 (TP-8)
Sozialwissenschaftliche Entscheidungsforschung
Universitat Mannheim
L13,17
D-6800 Mannheim
Federal Republic of Germany

Study Number: GER-037

Title: 1969 Meppen Sonic Boom Field Experiment

Date: 1969, (September)

Major Source: Supersonic Aircraft

CATALOG (Continued)

Location: West Germany: Meppen
Sample Size: 39
Noise Level: Available (continuous)
Reports: May, 1972
May, 1971a
May, 1971b
Methods: Fixed format questionnaire.
Cross-sectional study design.
Comments: People rated every sonic boom which they heard as
they went about their normal activities.
Contact: Dr. Daryl May
Wyle Research
128 Maryland St.
El Segundo, Calif. 90245

Study Number: GER-114
Title: 1975 German General Aviation Survey
Date: 1975 (April)
Major Source: Aircraft
Location: Federal Republic of Germany: Four airports; Egelsbach,
Bonn-Handlar, Karlsruhe-Forchheim, Braunschweig
Sample Size: 398
Noise Level: Not available
Reports: Rohrmann, 1976
Rohrmann, 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. B. Rohrmann
Sonderforschungsbereich 24 (TP 8)
Sozialwissenschaftliche Entscheidungsforschung
Universitat Mannheim
L13, 17
D-6800 Mannheim
Federal Republic of Germany

Study Number: GER-134
Title: 1976 Hamburg Urban Noise Survey
Date: 1976
Major Source: Road, Railway, Industrial, Aircraft, Construction
Location: Federal Republic of Germany: Hamburg
Sample Size: 643
Noise Level: Available (continuous)
Reports: Rohrmann, Finke, and Guski, 1980
Finke, Guski, and Rohrmann, 1980
Methods: Fixed format questionnaire.

CATALOG (Continued)

Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This is part of an interdisciplinary study which
included several other data collection techniques.
Contact: Dr. B. Rohrmann
Sonderforschungsbereich 24 (TP 8)
Sozialwissenschaftliche Entscheidungsforschung
Universität Mannheim
L13, 17
D6800 Mannheim 1
Federal Republic of Germany

Study Number: GER-135
Title: 1976 Stuttgart Railway and Road Noise Survey
Date: 1976 (Summer)
Major Source: Railways, Road traffic
Location: Federal Republic of Germany: Stuttgart
Sample Size: 1125
Noise Level: Available (continuous)
Reports: Heimerl and Holzmann, 1978
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. E. Holzmann
Dorsch Consult
Elsenheimerstr 63
8000 Munchen 21
Federal Republic of Germany

Study Number: GER-164
Title: Dusseldorf Traffic Noise Survey
Date: 1977 Publication (Date of survey not known)
Major Source: Road traffic
Location: Federal Republic of Germany: Dusseldorf (8 streets)
Sample Size: 274
Noise Level: Available (continuous)
Reports: Buchta and Kastka, 1977a
Kastka and Buchta, 1977
Buchta and Kastka, 1977b
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. J. Kastka

CATALOG (Continued)

Institute of Hygiene
University of Dusseldorf
Gurrlistrasse
Dusseldorf
Federal Republic of Germany

Study Number: GER-192
Title: 1977-78 German Road/Railway Noise Comparison Study
Date: 1977-1978 (Winter, 1977 to Summer 1978)
Major Source: Road traffic, Railway
Location: Federal Republic of Germany: 14 areas
Sample Size: 1080
Noise Level: Available (continuous)
Reports: Interdisziplinare..., 1980
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Viet Knall
Planungsborna Obermeyer
Hansastrasse 40
8000 Munchen 21
Federal Republic of Germany

Study Number: HKG-125
Title: 1975 Hong Kong Fireman Environmental Noise Survey
Date: 1975 (April to October)
Major Source: Aircraft traffic
Location: Hong Kong: 12 fire stations near Kaitak airport
Sample Size: 552
Noise Level: Available (continuous) for fire stations
Reports: Ko, et al., 1976
Ko, 1975
Ko, et al., 1977
Methods: Fixed format questionnaire.
Cross-sectional study design.
Comments: Firemen were given a questionnaire to fill out while
the researcher was present. Reactions to both home
and fire station environment were obtained but noise
measures are only available at the fire station.
Firemen live at the station on alternate days.
Contact: Mr. Norman Ko
Department of Mechanical Engineering
University of Hong Kong
Hong Kong

CATALOG (Continued)

Study Number: HKG-187

Title: Hong Kong Socio-Economic Area Road Traffic Survey

Date: 1980 Publication (Date of survey not determined)

Major Source: Road Traffic

Location: Hong Kong: Two neighborhoods

Sample Size: 180

Noise Level: Available (continuous)

Reports: Ko and Wong, 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Dr. N.W.M. Ko

Dept. of Mechanical Engineering
University of Hong Kong
China

Study Number: JPN-005

Title: 1953 Osaka Industrial Noise Survey

Date: 1953

Major Source: Industrial noise when at home

Location: Japan: Osaka and Amagasaki

Sample Size: 136

Noise Level: Available

Reports: Osada, 1971
Shoji, et al., 1953
Yamamoto, et al., 1970

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: Housewives were interviewed.

Contact: Prof. Otoichi Kitamura

Kyushu Institute of Design
226 Shiobara
Minamiku, Fukuoka
Japan

Study Number: JPN-018

Title: 1965 Osaka Aircraft Noise Survey

Date: 1965

Major Source: Aircraft

Location: Japan: around Osaka airport at 27 sites

Sample Size: 2700

Noise Level: Available (continuous)

Reports: Osada, 1971
Kansai, et al., 1965

CATALOG (Continued)

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Primarily a survey of housewives.
Contact: Dr. Yasutaka Osada
Chief, Dept. Physiological Hygiene
The Institute of Public Health
6-1, Shirokanedai 4 Chome, Minato-Ku
Tokyo 108
Japan

Study Number: JPN-046
Title: 1970 Yokota Airbase Study
Date: 1970 (July)
Major Source: Aircraft
Location: Japan: Yokota airbase
Sample Size: 991 interviews (from 1000 households)
Noise Level: Available (5 NNI steps)
Reports: Osada 1971
Tokyoto Kogai Kenkyujo, 1971
Kodama, 1971
Tokyoto Kogai Kenkyujo, 1972
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Housewives were interviewed.
Contact: Dr. Yasutaka Osada
Chief, Dept. Physiological Hygiene
The Institute of Public Health
6-1, Shirokanedai 4 Chome, Minato-Ku
Tokyo 108
Japan

Study Number: JPN-062
Title: 1972 Akishima City Aircraft Noise Survey
Date: 1972 (September)
Major Source: Aircraft
Location: Japan: Ten areas in Akishima City near Yokota air base
Sample Size: Approximately 1000
Noise Level: Available (continuous)
Reports: Hayashi, Kondo, and Kodama, 1978
Kondo, Hayashi, and Kodama, 1978
Kondo, Hayashi, and Kodama, 1975
Hayashi, Hayashi, Kodama, and Kondo, 1973
Methods: Fixed format questionnaire.
Residents of area interviewed.

CATALOG (Continued)

- Face-to-face interviews.
Cross-sectional study design.
Comments: Only housewives were interviewed.
Contact: Dr. Chikio Hayashi
The National Institute of Statistical Mathematics
4-6-7 Minami-Azabu
Minato-Ku
Tokyo
Japan
- Study Number: JPN-064
Title: 1972 Environmental Agency of Japan Shinkansen Noise Survey
Date: 1972 (November)
Major Source: High speed Railway
Location: Japan: The New Tokaido Shinkansen line
Sample Size: 424
Noise Level: Available
Reports: Kumagai, et al., 1975
An Investigation..., 1973
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys
used by Schultz, 1978.
Contact: UNKNOWN
- Study Number: JPN-065
Title: 1972 New Tokaido and New Sanyo Shinkansen Railway Noise
Date: 1972 (July)
Major Source: High speed railway
Location: Japan: The New Tokaido and New Sanyo Shinkansen routes
Sample Size: 424
Noise Level: Available (continuous)
Reports: Nimura, Sone and Kono, 1973
Nimura et al., 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: The study compares reactions to a newly opened route
(4 months old) and a more established route (8 years old).
Contact: Dr. Tadamoto Nimura
Department of Electrical Engineering
Tohoku University
Aobayama Sendai 980
Japan

CATALOG (Continued)

Study Number: JPN-094
Title: 1973-1974 Sendai Road Traffic Noise Survey
Date: 1973-1974
Major Source: Road traffic
Location: Japan: Sendai City
Sample Size: 939
Noise Level: Available
Reports: Shibuya et al., 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A49).
Contact: Dr. Toshio Sone
Dept. of Electrical Engineering
Tohoku University
Sendai
Japan

Study Number: JPN-101
Title: 1974 Sendai City Regular Railway Noise Survey
Date: 1974
Major Source: Railway noise
Location: Japan: Sendai City
Sample Size: 717
Noise Level: Available (5 dB steps)
Reports: Kumagai et al., 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. Toshio Sone
Dept. of Electrical Engineering
Tohoku University
Sendai
Japan

Study Number: JPN-123
Title: 1975 Yokohama Road and Rail Noise Survey
Date: 1975 (October to December)
Major Source: Railway and Road traffic
Location: Japan: Yokohama
Sample Size: 356 (1975)
Noise Level: Available (5 dB steps)
Reports: Tamura and Gotho, 1977
Tamura, 1978

CATALOG (Continued)

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Another survey was carried out in this area in 1976.
Contact: Dr. Akihiro Tamura
Dept. of Architecture & Building Science
Faculty of Engineering
Yokohama National University
Yokohama
Japan

Study Number: JPN-138
Title: 1976 Kanagawa Ward Community Noise Survey
Date: 1976 (October, November)
Major Source: Community
Location: Japan: Kanagawa Ward in Yokohama
Sample Size: 427
Noise Level: Not available in English
Reports: Tamura and Gotho, 1980
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. Akihiro Tamura
156 Tokiwadai
Hodogoya-Ku
Yokohama
Japan

Study Number: JPN-139
Title: 1976 Japanese Rail and Road Noise Study
Date: 1976 (December)
Major Source: Road traffic, Railway
Location: Japan
Sample Size: 372
Noise Level: Not available in English publication
Reports: Tamura and Gotho, 1980
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. Akihiro Tamura
156 Tokiwadai
Hodogoya-Ku
Yokohama

CATALOG (Continued)

Japan

Study Number: JPN-140

Title: 1977 Camp Fuji Noise Survey

Date: 1977 (October, November)

Major Source: Road traffic, Community, Artillery

Location: Japan: Area around Camp Fuji

Sample Size: 342

Noise Level: Not available in English publication

Reports: Tamura and Gotho, 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Dr. Akihiro Tamura
156 Tokiwadai
Hodogoya-Ku
Yokohama
Japan

Study Number: JPN-152

Title: 1977 Atugi Military Aircraft Noise Study

Date: 1977 (November-December)

Major Source: Aircraft

Location: Japan: Residential areas surrounding Atugi Base

Sample Size: 345

Noise Level: Not available in English publication

Reports: Tamura and Gotho, 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Dr Akihiro Tamura
156 Tokiwadai
Hodogoya-Ku
Yokohama
Japan

Study Number: JPN-163

Title: 1972 Itami City Osaka Aircraft Noise Study

Date: 1972 (November, 1972-January, 1973)

Major Source: Aircraft

Location: Japan: Osaka Airport

Sample Size: 1209

Noise Level: Available (5 dB steps)

CATALOG (Continued)

Reports: Report on the Effects..., 1973

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Dr. Yasutaka Osada
Chief, Dept. Physiological Hygiene
The Institute of Public Health
6-1, Shirokanedai 4 Chome, Minato-Ku
Tokyo 108
Japan

Study Number: JPN-177

Title: 1978 Kanagawa Ward Community Noise Survey

Date: 1978 (October, November)

Major Source: Community

Location: Japan: Kanagawa Ward of Yokohama

Sample Size: 387

Noise Level: Not available in English publication

Reports: Tamura and Gotho, 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Dr. Akihiro Tamura
156 Tokiwadai
Hodogoya-Ku
Yokohama
Japan

Study Number: JPN-190

Title: 1956 Kyoto Traffic Noise Survey

Date: 1956

Major Source: Road Traffic

Location: Japan: Kyoto

Sample Size: 956

Noise Level: Available

Reports: Osada, 1971
Aoki, 1959

Methods: Fixed format questionnaire.
Cross-sectional study design.
Residents of area interviewed.
Questionnaires were left at households and later collected.

Comments: NONE

Contact: Dr. Yasutaka Osada
Chief, Dept. of Physiological Hygiene

CATALOG (Continued)

The Institute of Public Health
6-1, Shirokanedai 4 Chome, Minato-Ku
Tokyo 108
Japan

Study Number: NET-002
Title: 1950 Netherlands Effects of Sound Insulation Study
Date: 1950 (April-July)
Major Source: Neighbors in apartment buildings
Location: Netherlands: Rotterdam, The Hague
Sample Size: Approximately 1215
Noise Level: Sound insulation of dwellings is available
Reports: Bitter and Horch, 1958
Bitter and van Weeren, 1955
Van den Eijk, et al., 1956
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. R.G. de Jong
TNO
Schoemakerstraat 97
WIJK8
2628 VK Delft
Netherlands

Study Number: NET-013
Title: 1963 Schiphol Airport Survey
Date: 1963 (August, September)
Major Source: Aircraft
Location: Netherlands: Eight areas around Schiphol airport
Sample Size: 1000
Noise Level: Available (continuous)
Reports: Kosten, et al., 1967
Bitter, 1970
Bitter and Schwager, 1964
Bitter, 1972
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A10).
Contact: Dr. R.G. de Jong
TNO
Schoemakerstraat 97
WIJK8

CATALOG (Continued)

2628 VK Delft
Netherlands

Study Number: NET-106

Title: 1974 Dordrecht Home Sound Insulation Study

Date: 1974 (April), and 1976 (April)

Major Source: Highway Traffic

Location: Netherlands: Dordrecht, alongside Highway 16

Sample Size: 383 (before barrier), and 376 (after barrier)

Noise Level: Available

Reports: Bitter, Kaper, and Pinkse, 1978

Methods: Fixed format questionnaire.

Face-to-face interviews.

Residents of area interviewed.

Before-after study design (not all people were interviewed in both phases).

Comments: Results of the comparative study of two sound insulation situations: One before the noise abatement measures were started, the second, two years after several different types of noise insulation measures had been installed in the homes.

Contact: Dr. R.G. de Jong

TNO

Schoemakerstraat 97

WIJK8

2628 VK Delft

Netherlands

Study Number: NET-115

Title: 1975 Schiphol and Marssum Aircraft Noise Insulation Survey

Date: 1975 (September)

Major Source: Aircraft

Location: Netherlands: Five areas around Schiphol and one, (Marssum), near Leeuwarden Military Airfield

Sample Size: 434 (Schiphol=376, Marssum=58)

Noise Level: Available (5 dB steps)

Reports: Willigers, 1979

Lingen and Voorn, 1979

Bitter, 1980

Bitter and Willigers, 1979

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

This was the before phase of a sound insulation before-after study design.

Comments: The study was designed for comparison to the earlier 1963 Schiphol survey (NET-013) as well as a later 1977 survey (NET-149). The 1977 survey was conducted after

CATALOG (Continued)

sound insulation had been installed in houses.
Leeuwarden is a military airfield.

Contact: Dr. R.G. de Jong
TNO
Schoemakerstraat 97
WIJK8
2628 VK Delft
Netherlands

Study Number: NET-149

Title: 1977 Schiphol and Marssum Sound Insulation Survey

Date: 1977 (September)

Major Source: Aircraft

Location: Netherlands: Five areas around Schiphol and one, (Marssum)
around Leeuwarden Military Airfield

Sample Size: 353 (Schiphol=304, Marssum=49)

Noise Level: Available

Reports: Bitter and Willigers, 1979

Willigers, 1979

Lingen and Voorn, 1979

Bitter, 1980

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: Interviews were carried out after sound insulation had been
installed in the same areas as a 1975 study (NET-115).

Contact: Dr. R.G. de Jong
TNO
Schoemakerstraat 97
WIJK8
2628 VK Delft
Netherlands

Study Number: NET-153

Title: 1977 Dutch Railway Noise Survey

Date: 1977 (October)

Major Source: Railway

Location: Netherlands: Nine locations

Sample Size: 671

Noise Level: Available (continuous)

Reports: DeJong, 1979

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: Inside noise measurements were made as well as
outside measurements.

CATALOG (Continued)

Contact: Dr. Ronald G. deJong
TNO Research Institute for Environmental Hygiene
Schoemakerstraat 97
WIJK8
2628 VK Delft
Netherlands

Study Number: NET-193
Title: 1976 Netherlands Military Airfield Noise Study
Date: 1976 (August, September)
Major Source: Aircraft
Location: Netherlands: Areas near three military airfields
Sample Size: 867
Noise Level: Available (continuous)
Reports: de Jong and Beers, 1980
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study is designed for comparison to three other studies, Schiphol, 1963, (NET-013); Schiphol/Marssum, 1975 NET-115; and Schiphol/Marssum 1977, NET-149.
Contact: Dr. R.G. de Jong
IMG-TNO
Schoemakerstraat 97
WIJK 8
2628 VK Delft
Netherlands

Study Number: NET-194
Title: 1976 Netherlands Railway Noise Survey
Date: 1976 (October)
Major Source: Railway
Location: 9 locations (5 near railways, 2 near tramways, and 2 near metro-tramways)
Sample Size: 65 (45 near railways, 10 near tramways, 10 near metro-tramways)
Noise Level: Continuous
Reports: de Jong, 1977
Methods: Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. R.G. de Jong
IMG-TNO
Schoemakerstraat 97
WIJK 8
2628 VK Delft

CATALOG (Continued)

Netherlands

- Study Number: NET-195
Title: 1977-78 Netherlands New Railway Line Survey
Date: 1977 (March, September), 1978 (September)
Major Source: Railway
Location: Netherlands: Zoetermeer
Sample Size: 425 (before railway opened), 299 (4 months after opened),
221 (16 months after opened).
Noise Level: Available (5 dB steps)
Reports: van Dongen, 1980b
Methods: Longitudinal study design
Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Comments: NONE
Contact: Dr. J.E.F. van Dongen
IMG-TNO
Schoemakerstraat 97
WIJK 8
2628 VK Delft
Netherlands
- Study Number: NET-196
Title: 1978 Dutch Homes for the Aged Environmental Noise Study
Date: 1978 (September)
Major Source: Road Traffic, Airports, Railways, Industry
Location: Netherlands: 57 locations (37 locations near roads, 20 loca-
tions near airports, or near industries, or near railway tracks)
Sample Size: 345 (228 road traffic, 117 other sources)
Noise Level: Available (5dB steps)
Reports: van Dongen, 1980a
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: People living in homes for the aged were interviewed.
Contact: Dr. J.E.F. van Dongen
IMG-TNO
Schoemakerstraat 97
WIJK 8
2628 VK Delft
Netherlands
- Study Number: POL-184
Title: Polish Railway Noise Survey
Date: 1979 Publication (Date of survey not determined)

CATALOG (Continued)

Major Source: Railway

Location: Poland

Sample Size: 837

Noise Level: Available (continuous)

Reports: Koszarny, et al., 1979

Koszarny, et al., 1980

Methods: Residents of area interviewed.

Fixed format questionnaire.

Cross-sectional study design.

Comments: NONE

Contact: Dr. Zbigniew Koszarny

Panstwowy Zaklad Higieny

Instytut Neokowa-Basawczy

ul. Chocimska 24

00-791 Warszawa

0288461

Poland

Study Number: POL-198

Title: 1974 Warsaw Aircraft Noise Survey

Date: 1974-75, Winter of 1974-75, 1975 (Publication date)

Major Source: Aircraft

Location: Poland: Warszawa-Okecie Airport

Sample Size: 511

Noise Level: Available (two groups 80-90 dB(A), 100-110 dB(A))

Reports: Koszarny and Maziarka, 1975

Koszarny, Maziarka and Szata, 1976

Methods: Residents of area interviewed.

Cross-sectional study design.

Comments: NONE

Contact: Dr. Zbigniew Koszarny

Panstwowy Zaklad Higieny

Instytut Neokowa-Basawczy

ul. Chocimska 24

00-791 Warszawa

0288461

Poland

Study Number: PUR-188

Title: San Juan Community Noise Survey

Date: 1970's (Year of survey not determined)

Major Source: Community

Location: Puerto Rico: San Juan

Sample Size: 642

Noise Level: Not available

Reports: Snyder, (no date)

Methods: Fixed format questionnaire.

Residents of area interviewed.

CATALOG (Continued)

Face-to-face interviews.
Cross-sectional study design.

Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A50).

Contact: Dr. C.R. Bragdon
Dept. of City Planning
Georgia Institute of Technology
Atlanta, Georgia 30322

Study Number: SAF-028

Title: 1968 South Africa Preliminary Aircraft Noise Survey

Date: 1968 (April)

Major Source: Aircraft

Location: South Africa: Jan Smuts airport

Sample Size: 120

Noise Level: Available (5 unit steps of NI)

Reports: van Niekerk and Muller, 1969
Mauer, 1968

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Dr. C.G. van Niekerk
Council for Scientific and Industrial Research
National Institute for Aeronautics & Systems Technology
P.O. Box 395
Pretoria 0001
South Africa

Study Number: SWE-011

Title: 1963 Linkoping Airport Noise Study

Date: 1963: 1964

Major Source: Aircraft noise

Location: Sweden: Linkoping Airfield

Sample Size: 448 interviews from 272 respondents

Noise Level: Not available

Reports: Jonsson et al., 1975
Berlin and Jonsson, 1964
Cederlof, Jonsson and Sorenson, 1967

Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
The area was later resurveyed as the Linkoping I site in the
Scandinavian nine airport survey (SWE-035). In 1964, 176
people were resurveyed as part of an experiment on changing
people's attitudes toward noise.

Comments: The study included an experiment in attitude change.

CATALOG (Continued)

Contact: Dr. Stephen Sorensen
Dept. of Environmental Hygiene
National Environmental Protection Board S-104-01
Stockholm, 60
Sweden

Study Number: SWE-015
Title: 1964-1970 Karlstad Artillery Range Noise Study
Date: 1964-1970
Major Source: Artillery firing
Location: Sweden: Karlstad
Sample Size: 427
Noise Level: Not available
Reports: Jonsson et al., 1975
Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
The study was repeated in the same area. In 1964 there were 334 interviews. In 1970 there were 93 interviews.
Comments: NONE
Contact: Dr. Stephen Sorensen
Dept. of Environmental Hygiene
National Environmental Protection Board S-104-01
Stockholm, 60
Sweden

Study Number: SWE-021
Title: 1966 Stockholm and Gothenburg Traffic Study
Date: 1966-1967
Major Source: Road traffic
Location: Sweden: Stockholm, Gothenburg
Sample Size: 443
Noise Level: Available
Reports: Fog and Jonsson, 1968
Kajland, 1970
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. Stephen Sorensen
Dept. of Environmental Hygiene
National Environmental Protection Board S-104-01
Stockholm, 60
Sweden

CATALOG (Continued)

Study Number: SWE-025

Title: 1967 Stockholm-Ferrara Comparative Traffic Noise Study

Date: 1967

Major Source: Road traffic

Location: Sweden and Italy: Stockholm (Sweden) Ferrara (Italy)

Sample Size: 366

Noise Level: Available (continuous)

Reports: Jonsson et al., 1969

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: The surveys were especially designed for cross-national comparison.

Contact: Dr. Stephen Sorensen

Dept. of Environmental Hygiene

National Environmental Protection Board S-104-01

Stockholm, 60

Sweden

Study Number: SWE-026

Title: 1967 Huddinge New Motorway Study

Date: 1967, 1968

Major Source: Motorway

Location: Sweden: The Stockholm suburb of Huddinge

Sample Size: 144 interviews from 84 respondents

Noise Level: Available

Reports: Jonsson and Sorensen, 1973

Jonsson, et al., 1975

Methods: Fixed format questionnaire.

Face-to-face interviews.

Residents of area interviewed.

The first interview with 84 people was made 6 months after a new motorway opened. The second interview with 60 of these people was one year later.

Comments: Some information was available on the out-migrants.

Contact: Dr. Stephen Sorensen

Dept. of Environmental Hygiene

National Environmental Protection Board S-104-01

Stockholm, 60

Sweden

Study Number: SWE-035

Title: Scandinavian Nine Airport Noise Study

Date: 1969: 1970: 1971: 1972: 1974: 1976

Major Source: Aircraft

Location: Scandinavia: 38 Areas around 9 Airports in Sweden, Norway, and Denmark

CATALOG (Continued)

Sample Size: 3746

Noise Level: Available

Reports: Rylander, Sorensen, and Kajland, 1972
Rylander and Sorensen, 1973
Rylander, Bjorkman, and Ahrlin, 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: The 1980 publication includes 846 interviews which were not included in the earlier reports. At least some aspects of the questionnaire were changed during the eight year study period.

This study was cited in the list of surveys used by Wyle, 1977 (A47), and Schultz, 1978.

Contact: Dr. Stephen Sorensen
Department of Environmental Hygiene
National Environmental Protection Board S-104-01
Stockholm, 60
Sweden

Study Number: SWE-054

Title: Transglet Sweden Sonic Boom Study

Date: 1971 (June, July)

Major Source: Sonic booms from military aircraft

Location: Sweden: Transglet

Sample Size: 391

Noise Level: Available for military population

Reports: Rylander, Sorensen and Berglund, 1972

Methods: Fixed format questionnaire.

Cross-sectional study design.

The 179 questionnaires filled out by soldiers were self-administered. The 212 civilian questionnaires came from a mail survey.

Comments: All booms occurred at night. Some of the military subjects indicated night-time disturbance by pushing buttons. There was also a "bed-indicator" which showed movements during sleep.

Contact: Dr. Stephen Sorensen
Dept. of Environmental Hygiene
National Environmental Protection Board S-104-01
Stockholm, 60
Sweden

Study Number: SWE-100

Title: Kungälv Noise Barrier Study

Date: 1972 and 1975

Major Source: Road traffic, Expressway

Location: Sweden: The Kungälv area of Goteborg

CATALOG (Continued)

Sample Size: 161 (83 in Phase I and 78 in Phase II)

Noise Level: Not available

Reports: Holmquist et al., 1975

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: Interviews were carried out in 1972 before, and in 1975 after a barrier was erected.

Contact: Lanslakarorganisationen

Goteborg

Sweden

Study Number: SWE-108

Title: Burgsvik Sweden Sonic Boom Study

Date: 1972 (May, June)

Major Source: Aircraft sonic booms

Location: Sweden: Burgsvik on the island of Gotland

Sample Size: Approximately 346 interviews from approximately 200 people

Noise Level: Available

Reports: Rylander et al., 1974

Methods: Fixed format questionnaire.

Residents of area interviewed.

Cross-sectional study design.

Main study initial interviews were staggered through the test period. At the end of the period 146 people were reinterviewed.

Comments: This was part of a larger study with laboratory study aspects.

Contact: Dr. Stephen Sorensen

Statens Miljomedicinska Laboratorium

Box 60208

S-104 01 Stockholm

Sweden

Study Number: SWE-142

Title: 1976 Stockholm, Visby, Gothenburg Traffic Noise Study

Date: 1976 (April, May)

Major Source: Road traffic

Location: Sweden: Stockholm, Visby, Gothenburg

Sample Size: 1377

Noise Level: Available

Reports: Rylander, Sorensen, Kajland, 1976

Rylander, Ahrlin, Bjorkman, 1977

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

CATALOG (Continued)

- Comments: Gothenburg is not reported on in the 1976 publication
This study was cited in the list of surveys used by
Wyle, 1977 (A48).
- Contact: Dr. Ragnar Rylander
Dept. of Environmental Hygiene
University of Gothenburg
Goteborg 33
Sweden
- Study Number: SWE-165
Title: 1976 Gothenburg Tramway Noise Survey
Date: 1976 (April, May)
Major Source: Tramway and Road Traffic
Location: Sweden: Gothenburg (six areas)
Sample Size: 464
Noise Level: Available (continuous)
Reports: Rylander, et al., 1977
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
- Comments: NONE
Contact: Dr. Ragnar Rylander
Dept. of Environmental Hygiene
University of Gothenburg
Goteborg 33
Sweden
- Study Number: SWE-185
Title: 1975 Gothenburg Rifle Range Survey
Date: 1975 (April, May)
Major Source: Civilian rifle range
Location: Sweden: Gothenburg (9 sites in 4 areas)
Sample Size: 323
Noise Level: Available (continuous)
Reports: Sorensen and Magnusson, 1979
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
- Comments: NONE
Contact: Dr. Stephen Sorensen
Dept. of Environmental Hygiene
National Environmental Protection Board S-104-01
Stockholm, 60
Sweden

CATALOG (Continued)

Study Number: SWI-053
Title: 1971 Three City Swiss Noise Survey
Date: 1971-72
Major Source: Aircraft (all three cities): Road traffic (Basel)
Location: Switzerland: Zurich, Geneva and Basel
Sample Size: 3939
Noise Level: Available (continuous)
Reports: Grandjean, 1974
Grandjean, et al. 1976
Arbeitsgemeinschaft...1973
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A29), and Schultz, 1978.
Contact: Dr. E. Grandjean
Dept. of Hygiene and Applied Physiology
Swiss Federal Institute of Technology
ETH-Zentrum
Clausiusstrasse 21
CH-8092 Zurich
Switzerland

Study Number: SWI-133
Title: 1976 Zurich Street Traffic Noise (Apartments) Survey
Date: 1976
Major Source: Street traffic
Location: Switzerland: Zurich
Sample Size: 800
Noise Level: Available
Reports: Wanner, Wehrli, Bakke, Nemecek, Turrian, Grandjean, 1977
Wehrli and Nemecek, 1979
Wehrli et al., 1976
Bakke et al., 1977
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Women were interviewed who lived in apartments
built after 1962.
Contact: Dr. H.U. Wanner
Dept. of Hygiene and Ergonomics
Swiss Federal Institute of Technology
8092 Zurich
Switzerland

CATALOG (Continued)

Study Number: SWI-158
Title: 1977 Zurich Pilot Traffic Noise Survey
Date: 1977
Major Source: Road traffic
Location: Switzerland: four areas within Zurich
Sample Size: 1297
Noise Level: Available (continuous)
Reports: Wanner Wehrli, Nemecek, Turrian, 1977
Wehrli and Nemecek, 1979
Bakke et al., 1977
Wanner, Wehrli, Bakke, Nemecek, Turrian, and Grandjean, 1977
Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
Mail survey
Comments: Air quality was also assessed.
Contact: Dr. H.U. Wanner
Dept. of Hygiene and Ergonomics
Swiss Federal Institute of Technology
8092 Zurich
Switzerland

Study Number: SWI-159
Title: Swiss N-3 Motorway Study
Date: 1977 (September)
Major Source: Motorway
Location: Switzerland: N-3 in the vicinity of Sargans
Sample Size: 150
Noise Level: Available
Reports: Nemecek et al., 1978
Nemecek et al., 1979
Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
The questionnaire was not administered by an interviewer.
Comments: Special attention was directed at the costs of
noise and of alleviating its' effects.
Contact: Dr. J. Nemecek
Dept. of Hygiene & Applied Physiology
Swiss Federal Institute of Technology
ETH-Zentrum
Clausiusstrasse 21
CH-8092 Zurich
Switzerland

Study Number: SWI-173
Title: 1978 Zurich Time-of-Day Survey
Date: 1978

CATALOG (Continued)

Major Source: Road traffic

Location: Switzerland: Zurich and vicinity (18 study sites)

Sample Size: 1607

Noise Level: Available (continuous)

Reports: Wehrli, Nemecek, Turrian, Hoffmann, and Wanner, 1978

Wehrli and Nemecek, 1979

Wehrli and Grandjean, 1979

Wehrli, Nemecek, Turrian, Wanner, and Hofmann, 1978

Methods: Fixed format questionnaire.

Residents of area interviewed.

Cross-sectional study design.

Mail survey

Comments: NONE

Contact: Dr. H. U. Wanner

Dept. of Hygiene and Ergonomics

Swiss Federal Institute of Technology

8092 Zurich

Switzerland

Study Number: SWI-180

Title: 1979 Swiss General Aviation Survey

Date: 1979 (late Summer)

Major Source: Aircraft

Location: Switzerland: Six General Aviation Airports

Sample Size: 1428

Noise Level: Available (continuous)

Reports: Institute Fur..., 1980

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: NONE

Contact: Institut fur Praxisorientierte Sozial forschung

Weinbergstrasse 74

8006 Zurich

Switzerland

Study Number: UKD-001

Title: 1943 British Home Noise Survey

Date: 1943 (November)

Major Source: Community noise as well as noises generated inside dwellings

Location: U.K.: 40 cities in Great Britain

Sample Size: 2017

Noise Level: Not available

Reports: Chapman, 1948

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

CATALOG (Continued)

- Cross-sectional study design.
Comments: This is study A-20 in the list from Wyle (1977).
Contact: Office of Population Census and Surveys
Social Survey Division
St. Catherines House
10 Kingsway
London WC2B 6JP
England
- Study Number: UKD-003
Title: 1952 Sound Insulation in Flats Survey
Date: 1952 (December), 1953 (March)
Major Source: Interior
Location: U.K.: London, Glasgow
Sample Size: 1491
Noise Level: Sound insulation of floors is known
Reports: Piekles, 1956
Gray, et al., 1958
Gray, 1956
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: All respondents were housewives
Contact: Ms. J. Atkinson
Social Survey Division
Office of Population Censuses and Surveys
St Catherine's House
10 Kings Way
London WC28 6JP
England
- Study Number: UKD-008
Title: 1961 Heathrow Aircraft Noise Survey (First Heathrow Survey)
Date: 1961 (September)
Major Source: Aircraft
Location: U.K.: Heathrow (London) airport
Sample Size: 1731
Main study, (also a special sample of 178 complainants)
Noise Level: Available (continuous)
Reports: McKennell, 1963
Wilson, 1963
McKennell, 1965
McKennell, 1969
McKennell, 1970
McKennell, 1973
Methods: Fixed format questionnaire.
Residents of area interviewed.

CATALOG (Continued)

Face-to-face interviews.
Cross-sectional study design.
Comments: There was also a special survey of complainants. The
NNI (Noise and Number Index) was derived from the analysis.
This is study A41 in the list from Wyle (1977). The
study is included in an analysis in Schultz (1978).
Contact: Dr. Aubree McKennell
Social Science Faculty
University of Southampton
Southampton SO9 5NH
England

Study Number: UKD-009
Title: 1961 Central London Traffic Noise Survey
Date: 1961
Major Source: Road traffic
Location: U.K.: Central London
Sample Size: 1377
Noise Level: Available
Reports: McKennell and Hunt, 1966
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A40).
Contact: Dr. Aubree McKennell
Social Science Faculty
University of Southampton
Southampton
England SO9 5NH

Study Number: UKD-010
Title: 1963 Welsh Village Impulse Noise (Exercise Yellow Hammer)
Date: 1963
Major Source: Explosive charges at height of 500 feet
(simulating sonic booms from aircraft)
Location: U.K.: small village
Sample Size: Several thousand interviews from approximately
220 respondents
Noise Level: Available
Reports: Webb and Warren, 1967
Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
Repeated interviews with four panels of respondents.
Comments: NONE
Contact: Mr. D.R.B. Webb

CATALOG (Continued)

Royal Aircraft Establishment
Farnborough, Hants
England

Study Number: UKD-024
Title: 1967 Heathrow Aircraft Noise Study (2nd Heathrow Survey)
Date: 1967 (September)
Major Source: Aircraft
Location: U.K.: Heathrow (London) airport
Sample Size: 4699 main sample
Noise Level: Available (continuous)
Reports: MIL, 1971
DORA, 1971
Knowler, 1971
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: The study was specially designed for comparison to 1961
survey. A special sample of people whose homes were
sound proofed was included.
This study was cited in the list of surveys used by
Wyle, 1977 (A42), and Schultz, 1978.
Contact: Dr. Peter Brooker
Room T818
Civil Aviation Authority
CAA House
43-59 Kingsway
London WC2B 6TE
England

Study Number: UKD-029
Title: 1968 Coventry Pilot Railway Noise Survey
Date: 1968
Major Source: Railway
Location: U.K.: Coventry
Sample Size: 85
Noise Level: Not available
Reports: Walters, 1970
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Two different questionnaires were used.
This study was cited in the list of surveys used by
Wyle, 1977 (A57).
Contact: Mr. David Walters
Dept. Architectural Planning & Urban Studies

CATALOG (Continued)

University of Aston at Birmingham
Costa Green
Birmingham B4 7ET
England

Study Number: UKD-030
Title: 1968 B.R.S. London Traffic Noise Survey
Date: 1968
Major Source: Road Traffic
Location: U.K.: London Area (11 sites)
Sample Size: 1200
Noise Level: Available (continuous)
Reports: Griffiths and Langdon, 1968
Griffiths, 1968
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: TNI (the Traffic Noise Index) was derived
from the survey's results.
This study was cited in the list of surveys used by
Wyle, 1977 (A30).
Contact: Dr. John Langdon
Building Research Station
Garston
Watford WD2 7JR
England

Study Number: UKD-033
Title: 1969 Mixed Road and Aircraft Noise Survey
Date: 1969-1970
Major Source: Aircraft and road traffic
Location: U.K.: Heathrow airport (London)
Sample Size: 315 (approximately)
Noise Level: Available (5 dB steps)
Reports: Bottom, 1971
Bottom and Waters, 1971a
Bottom and Waters, 1971b
Waters and Bottom, 1971
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A14).
Contact: Dr. David Waters
Dept. of Transport Technology
Loughborough University of Technology

CATALOG (Continued)

Loughborough LE11 3TU
England

Study Number: UKD-038

Title: 1969 Central England Railway Survey

Date: 1969

Major Source: Railway

Location: U.K.: Central England

Sample Size: 258

Noise Level: Not available

Reports: Walters, 1970

Hall, 1969

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A57).

Contact: Mr. David Walters

Dept. Architectural Planning & Urban Studies

University of Aston at Birmingham

Costa Green

Birmingham B4 7ET

England

Study Number: UKD-050

Title: 1970-71 Heston Noise Barrier Study

Date: 1970 (September) to 1971 (September)

Major Source: Road traffic

Location: U.K.: One site along the M14 motorway near Heston

Sample Size: 458 interviews (142 before barrier, 316 after)

Noise Level: Available (continuous)

Reports: Mackie, 1972

Scholes, 1977

Scholes et al., 1974

Methods: Residents of area interviewed.

Face-to-face interviews.

Fixed format questionnaire.

Some of those interviewed before the barrier were
reinterviewed after the barrier was erected.

Comments: People were interviewed before and after a noise barrier
was erected on one side of a motorway. People on the
opposite side of the motorway were also interviewed.

Contact: Dr. A. M. Mackie

Transport and Road Research Laboratory

Crowthorne, Berkshire

England

CATALOG (Continued)

Study Number: UKD-052
Title: 1971 Gatwick Airport Noise Survey
Date: 1971
Major Source: Aircraft
Location: U.K.: Gatwick airport (London)
Sample Size: 1030
Noise Level: Available
Reports: Ollerhead and Cousins, 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was especially designed for comparison to other Heathrow surveys.
Contact: Dr. John Ollerhead
Dept. of Transport Technology
University of Technology
Loughborough, Leicestershire LE11 3TU
England

Study Number: UKD-061
Title: 1972 Heathrow Airport Noise Pilot Survey
Date: 1972
Major Source: Aircraft
Location: U.K.: Heathrow airport (London)
Sample Size: 600
Noise Level: Available
Reports: Ollerhead and Edwards, 1974
Ollerhead, 1977
Ollerhead and Edwards, 1977
Ollerhead, 1973
Ollerhead, 1978
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used by Wyle, 1977 (A44).
Contact: Dr. John Ollerhead
Dept. of Transport Technology
Loughborough, Leicestershire LE11 3TU
England

Study Number: UKD-071
Title: 1972 B.R.S. London Traffic Noise Survey
Date: 1972
Major Source: Road traffic
Location: U.K.: London Area (53 sites)

CATALOG (Continued)

Sample Size: 2933

Noise Level: Available (continuous)

Reports: Langdon, 1976a
Langdon, 1977
Langdon, 1975
Hood, 1977
Langdon, 1976b
Langdon and Buller, 1977a
Langdon, 1978
Langdon and Buller, 1977b

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: This investigation is similar in some respects to the Building Research Station's earlier 1968 B.R.S. London Traffic Survey (UKD-030).
This study was cited in the list of surveys listed by Wyle, 1977 (A36), and Schultz, 1978.

Contact: Dr. John Langdon
Building Research Station
Garston
Watford WD2 7JR
England

Study Number: UKD-072

Title: 1972 English Road Traffic Survey

Date: 1972

Major Source: Road traffic

Location: U.K.: Probability sample of England

Sample Size: 6017

Noise Level: Available for 1235 interviews (continuous)

Reports: Morton-Williams, Hedges and Fernando, 1978
Hedges, 1973
Sando and Batty, 1975
Harland, 1977
Harland, and Abbott, 1977
Hapuarachchi, 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Ms. Jean Morton-Williams
Social & Community Planning Research
35 Northampton Terrace
London, EC1V OAX
England

CATALOG (Continued)

Study Number: UKD-073
Title: 1972 Birmingham New Motorway Study
Date: 1972, 1973
Major Source: Motorway noise
Location: U.K.: Bromford Bridge and Firs Estate in Birmingham
Sample Size: 363 interviews (189 in first wave, 174 in second wave)
Noise Level: Available
Reports: Lawson and Walters, 1973
Methods: Interviews were carried out in the same area
before and after the motorway was opened.
Comments: NONE
Contact: Dr. David Walters
Dept. of Architectural Planning
University of Aston at Birmingham
Costa Green
Birmingham B4 7ET
England

Study Number: UKD-074
Title: 1972 London Construction Site Survey
Date: 1972
Major Source: Construction
Location: U.K.: London construction site
Sample Size: 976
Noise Level: Available (continuous) for construction and road traffic
Reports: Large and Ludlow, 1976
Ludlow, 1976
Ludlow, 1973
Large and Ludlow, 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
Mail survey
Comments: The postal survey achieved a 55 % response rate
with two reminder letters. The questionnaires asked
many noise sources.
This study was cited in the list of surveys used by
Wyle, 1977 (A37).
Contact: Dr. J. E. Ludlow
Foster-Miller Assoc.
135 2nd Ave.
Waltham, Ma. 02154

Study Number: UKD-080
Title: 1972 Loughborough Interrupted Traffic Flow Survey
Date: 1972
Major Source: Road Traffic
Location: England: 12 sites

CATALOG (Continued)

Sample Size: Approximately 250

Noise Level: Available (continuous)

Reports: Jones and Waters, no date

Methods: Fixed format questionnaire.

Residents of area interviewed.

Cross-sectional study design.

A postal questionnaire was used.

Comments: The study was split between freely flowing traffic
(6 sites) and interrupted flow (6 sites).

The study was designed to compare reactions of freeflow
and interrupted traffic.

Contact: Mr. D. M. Waters

Dept. of Transport Technology

Loughborough University of Technology

Loughborough

England

Study Number: UKD-086

Title: 1973 Kew Aircraft Noise Survey

Date: 1973

Major Source: Aircraft

Location: U.K.: Kew London

Sample Size: 469 mail interviews, 28 personal interviews

Noise Level: Available

Reports: Edwards, 1975

Edwards and Ollerhead, 1974

Ollerhead and Edwards, 1974

Methods: Fixed format questionnaire.

Residents of area interviewed.

Cross-sectional study design.

Primarily a mail questionnaire study, but 28 personal
interviews were carried out.

Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A23).

Contact: Dr. John Ollerhead

Dept. of Transport Technology

University of Technology

Loughborough, Leicestershire LE11 3TU

England

Study Number: UKD-097

Title: 1974 English Aircraft Noise Postal Survey

Date: 1974

Major Source: Aircraft

Location: U.K.: Three cities (London-Heathrow, Manchester, Liverpool)

Sample Size: 725

Noise Level: Available

Reports: Ollerhead, 1977

CATALOG (Continued)

Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
Mail questionnaire only
Comments: NONE
Contact: Dr. John Ollerhead
Dept. of Transport Technology
University of Technology
Loughborough, Leicestershire LE11 3TU
England

Study Number: UKD-111
Title: 1975 English Mental Health Pilot Survey
Date: 1975 (April, May)
Major Source: Aircraft
Location: U.K.: Two locations near Heathrow airport
Sample Size: 208
Noise Level: Available (5 dB steps)
Reports: Tarnopolsky et al, 1978
Barker and Tarnopolsky, 1978
Hede, 1979
MacLean and Tarnopolsky, 1977
Tarnopolsky, 1978
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Experiments with question order were included.
Contact: Dr. A. Tarnopolsky
Institute of Psychiatry
De Crespigny Park, Denmark Hill
London SE5 8AF
England

Study Number: UKD-112
Title: Luton In-migrants Aircraft Noise Survey
Date: 1975
Major Source: Aircraft
Location: U.K.: Luton airport
Sample Size: 112
Noise Level: Available
Reports: Wrigley, 1976a
Wrigley, 1976b
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This is a study of new residents in an airport area.

CATALOG (Continued)

Contact: Dr. Neil Wrigley
Dept. of Geography
University of Bristol
Bristol BS8 1SS
England

Study Number: UKD-116
Title: 1975 British National Railway Noise Survey
Date: 1975 (October) : 1976 (January)
Major Source: Railway
Location: U.K.: England, Scotland and Wales
Sample Size: 1453
Noise Level: Available (continuous)
Reports: Fields, Walker, and Large, 1976
Phillips, 1978
Richardson, 1976
Fields, 1977
Walker, Fields, 1977
Fields, and Walker, 1977a
Fields, and Walker, 1977b
Garnsworthy, 1977
Windle, 1977
Fields, and Walker, 1980c
Fields, and Tomberlin, 1978
Walker, and Fields, 1978
Fields, and Walker, 1978
Fields, 1979
Fields, and Walker, 1980a
Fields, and Walker, 1980b
Walker, and Fields, 1980
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: The questionnaire was presented in two slightly different forms to test question order and question wording effects.
Contact: Dr. John Walker
Institute of Sound and Vibration Research
University of Southampton
Southampton SO9 5NH
England

Study Number: UKD-118
Title: 1975 London and Liverpool Panel Survey
Date: 1975, 1976
Major Source: Road traffic
Location: U.K.: London and Liverpool
Sample Size: 738 interviews from 413 respondents

CATALOG (Continued)

Noise Level: Available

Reports: Griffiths and Delauzun, 1977

Methods: Fixed format questionnaire.

Face-to-face interviews.

Residents of area interviewed.

Of the 413 original respondents, 325 were reinterviewed one year later.

Comments: Twenty-five of the respondents were also given two self-administered personality tests.

Contact: Dr. I.D. Griffiths

Atkins Research and Development

Epsom

Surrey KT18 5BW

England

Study Number: UKD-119

Title: 1975 Great Britain Interior Noise Survey

Date: 1975

Major Source: Interior noise from adjacent dwellings

Location: U.K.: Great Britain

Sample Size: 3122

Noise Level: Not available

Reports: Langdon and Buller, 1977

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: This is a survey of people in dwelling units sharing a common wall with another dwelling.

Contact: Dr. John Langdon

Building Research Station

Garston

Watford WD2 7JR

England

Study Number: UKD-130

Title: 1976 Heathrow Concorde Noise Survey

Date: 1976

Major Source: Aircraft

Location: U.K.: Heathrow (London) England

Sample Size: 2631

Noise Level: Available (continuous)

Reports: McKennell, 1977

McKennell, 1980

McKennell, 1978

Large and Ludlow, 1977

Methods: Fixed format questionnaire.

Residents of area interviewed.

CATALOG (Continued)

Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. Aubree McKennell
Social Science Faculty
University of Southampton
Southampton SO9 5NH
England

Study Number: UKD-132
Title: 1976 Darlington Quiet Town Survey
Date: 1976 (June)
Major Source: Community
Location: U.K.: Probability sample of Darlington
Sample Size: 494
Noise Level: Not Available
Reports: Jupp and Sutton, 1976
Landon, 1976
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: The study was made a part of the Darlington
Quiet Town Experiment.
Contact: Dr. V. R. Jupp
Dept. of Behavioral Sciences
Newcastle-upon-Tyne Polytechnic
Polytechnic Precinct
Newcastle-upon-Tyne NE1 85T
England

Study Number: UKD-147
Title: 1977 Heathrow Night-time Pilot Survey
Date: 1977 (December): 1978 (January-April)
Major Source: Aircraft
Location: U.K.: Heathrow (7 sites)
Sample Size: 1055 (279 face-to-face interviews, 776 postal questionnaires)
Noise Level: Available (continuous)
Reports: DORA, 1978a
DORA, 1978b
DORA, 1978c
DORA, 1978d
Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
Some interviews were self-administered mail questionnaires.
Comments: NONE
Contact: Dr. Peter Brooker

CATALOG (Continued)

Room T818
Civil Aviation Authority
CAA House
43-59 Kingsway
London WC2B 6TE
England

Study Number: UKD-148

Title: 1977 Heathrow Psychiatric Morbidity Survey

Date: 1977

Major Source: Aircraft noise

Location: England: West London area near Heathrow airport

Sample Size: 5885

Noise Level: Available

Reports: Tarnopolsky, Watkins, and Hand, 1980

Tarnopolsky and Morton-Williams, 1980

Tarnopolsky, Hand, Barker, and Jenkins, 1980

Tarnopolsky, Jenkins, Watkins, and Hand, 1980

Watkins, et al., 1981

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: NONE

Contact: Dr.A. Tarnopolsky

Institute of Psychiatry

De Crespigny Park, Denmark Hill

London SE5 8AF

England

Study Number: UKD-157

Title: 1977 London Area Panel Survey

Date: 1977, 1978

Major Source: Road traffic

Location: U.K.: London area (6 sites)

Sample Size: 1363 interviews from 507 respondents

Noise Level: Available (continuous)

Reports: Atkins Research and Development, 1979

Griffiths, Langdon, and Swan, 1980

Methods: Fixed format questionnaire.

Face-to-face interviews.

Residents of area interviewed.

The same interview questions were asked of a

panel of respondents at different times of the year.

Some 364 respondents were interviewed four times.

Comments: Alternative question wordings, question instructions,
and question ordering were experimented with. The
monetary evaluation of noise nuisance was examined.

CATALOG (Continued)

Contact: Dr. John Langdon
Building Research Station
Garston
Watford WD2 7JR
England

Study Number: UKD-160
Title: 1977 Hampshire Village Noise Study
Date: 1977 (October) to 1978 (January)
Major Source: Community noise, road traffic
Location: England: 10 villages in Hampshire and Wiltshire
Sample Size: 756
Noise Level: Available (continuous)
Reports: Hawkins, 1979
Hawkins, 1979
Hawkins, 1980
Prescott-Clarke, 1978
McEntagart, 1980
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: A large amount of observational information was
collected about the respondents' neighborhoods.
Contact: Mr. Michael Hawkins
Department of Social Statistics
University of Southampton
Southampton
England SO9 5NH

Study Number: UKD-161
Title: 1977 Southampton Water Hovercraft Noise Survey
Date: 1977
Major Source: Hovercraft
Location: U.K.: Neighborhoods near Southampton Water
Sample Size: 241
Noise Level: Available (5 dB steps)
Reports: Samra, 1978
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: 1978 Southampton Hovercraft Terminal Noise Survey
(UKD-175) was designed for comparison to this Survey.
Contact: Mr. Chris Rice
Institute for Sound and Vibration Research
Univ. of Southampton
Southampton, SO9 5NH

CATALOG (Continued)

England

Study Number: UKD-162

Title: Greater Manchester Traffic Survey

Date: 1977 Publication (Date of Survey not determined)

Major Source: Road traffic

Location: U.K.: Greater Manchester area

Sample Size: 846

Noise Level: Available

Reports: Yeowart, Wilcox, and Rossall, 1977a IOA

Yeowart, Wilcox and Rossall, 1977b JSV

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: NONE

Contact: Dr. H. McRobert

Dept. of Electrical Engineering

University of Salford

Salford M5 4WT

England

Study Number: UKD-175

Title: 1978 Southampton Hovercraft Terminal Noise Survey

Date: 1978

Major Source: Hovercraft

Location: U.K.: Southampton area near Hovercraft Terminal

Sample Size: 52

Noise Level: Available (continuous)

Reports: Hutton, 1978

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: Designed to be compared to the 1977 Solent Hovercraft Survey (UKD-161).

Contact: Mr. Chris Rice

Institute for Sound and Vibration Research

Univ. of Southampton

Southampton, SO9 5NH

England

Study Number: UKD-176

Title: 1978 ISVR Lab-Field Comparison Survey

Date: 1978 (June, July)

Major Source: Road traffic

Location: U.K.: A neighborhood in Southampton, England

CATALOG (Continued)

Sample Size: 60
Noise Level: Available (continuous)
Reports: Flindell, 1979
Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
After being interviewed, subjects were brought into the simulated living room listening facility where they were exposed to traffic noise
Comments: The study is designed to compare reactions in the laboratory and the field.
Contact: Mr. Chris Rice
Institute for Sound and Vibration Research
Univ. of Southampton
Southampton, SO9 5NH
England

Study Number: UKD-182
Title: 1979 Heathrow and Gatwick Sleep Study (Aircraft Noise and Sleep Disturbance)
Date: 1979 (June to October)
Major Source: Aircraft
Location: U.K.: Two airports, Heathrow (17 study sites), and Gatwick (8 study sites).
Sample Size: 964 personal, 3188 postal
Noise Level: Available (continuous)
Reports: DORA, 1980a
DORA, 1980b
DORA, 1980c
DORA, 1980d
Makinson, 1979
Methods: Face-to-face interviews.
Residents of area interviewed.
Cross-sectional study design.
Both personal interviews and postal questionnaires were used. Noise measurements were made of the night time noise environment. Some questions were specially directed at the experience of the previous night.
Comments: A large scale preliminary study was also carried out, (UKD-147).
Contact: Dr. Peter Brooker
Room T818
Civil Aviation Authority
CAA House
43-59 Kingsway
London WC2B 6TE
England

CATALOG (Continued)

Study Number: UKD-199

Title: 1978 Darlington Quiet Town Survey

Date: 1978 June

Major Source: Community

Location: U.K.: Probability Sample of Darlington

Sample Size: 488

Noise Level: Not available

Reports: Jupp, and Landon, 1978

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: This follows up on an earlier study (UKD-132) of the Darlington Quiet Town Experiment.

Contact: Dr. V.R. Jupp
Dept. of Behavioral Sciences
Newcastle-upon-Tyne Polytechnic
Polytechnic Precinct
Newcastle-upon Tyne NE1 85T
England

Study Number: USA-004

Title: 1953 U.S.A. Eight Airport Noise Study

Date: 1953 (Spring and Fall)

Major Source: Aircraft

Location: U.S.A.: Eight airports in 7 cities: Atlanta, Chicago, Memphis
Miami, Minneapolis, Philadelphia, St. Louis, Idlewild
(New York), La Guardia (New York)

Sample Size: 3635

Noise Level: Available

Reports: Borsky, 1954

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Mr. Paul Borsky
School of Public Health
Columbia University
New York, N.Y. 10027

Study Number: USA-006

Title: 1957 U.S.A. Air Force Base Noise Study

Date: 1957 (May, June, July)

Major Source: Aircraft

Location: U.S.A.: Two air force bases (Preliminary Pilot survey at
another base)

Sample Size: 1598 in main study, (732 in pilot study)

CATALOG (Continued)

Noise Level: Available (5 dB steps)

Reports: Borsky, 1961

Methods: Fixed format questionnaire.

Residents of area interviewed.

Cross-sectional study design.

Special mail interviews were also conducted.

Comments: This study was cited in the list of surveys used by
Wyle, 1977 (A11)

Contact: Mr. Paul Borsky
School of Public Health
Columbia University
New York, N.Y. 10027

Study Number: USA-007

Title: 1961 St. Louis Sonic Boom Study

Date: 1961 (November, December): 1962 (January)

Major Source: Aircraft

Location: U.S.A.: St. Louis Area

Sample Size: Approximately 2,200 interviews from approximately
1,157 respondents

Noise Level: Not available

Reports: Borsky, 1962

Nixon and Borsky, 1966

Nixon and Hubbard, 1965

Methods: Fixed format questionnaire.

Face-to-face interviews.

1,043 people were reinterviewed. Both telephone and face-
to-face interviews were used for the reinterview.

Comments: Some interviews were carried out to test for reinterviewing
and face-to-face vs telephone interviewing effects.

Contact: Mr. Paul Borsky
School of Public Health
Columbia University
New York, N. Y. 10027

Study Number: USA-012

Title: 1964 Oklahoma City Sonic Boom Study

Date: 1964

Major Source: Aircraft

Location: U.S.A.: Oklahoma City area

Sample Size: 7997 interviews from approximately 3200 respondents

Noise Level: Not available

Reports: Borsky, 1965

Methods: Fixed format questionnaire.

Face-to-face interviews.

Residents of area interviewed.

Most original respondents were reinterviewed twice by telephone.

Comments: Some interviews were conducted to test for reinterviewing

CATALOG (Continued)

and telephone vs personal interviewing effects. Some changes occurred in the questionnaire between waves. This study was cited in the list of surveys used by Wyle, 1977 (A12).

Contact: Mr. Paul Borsky
School of Public Health
Columbia University
New York, N. Y. 10027

Study Number: USA-020
Title: 1966 U.S.A. Three City Community Noise Study
Date: 1966
Major Source: Community, road traffic
Location: U.S.A.: Los Angeles, Boston, New York
Sample Size: 259
Noise Level: Not available
Reports: Bolt, Beranek and Newman, 1967
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. William J. Galloway
Bolt Beranek & Newman, Inc.
21120 Vanowen St.
Canoga Park, Ca., 91305

Study Number: USA-022
Title: 1967 U.S.A. Four Airport Survey (Phase I of TRACOR Survey)
Date: 1967 (May to August)
Major Source: Aircraft
Location: U.S.A.: 4 Airports; Chicago, Dallas, Denver, Los Angeles
Sample Size: 3590
Noise Level: Available (continuous)
Reports: Connor, 1968
Hazard, 1968
TRACOR, 1970
Hazard, 1971
Connor and Patterson, 1972
Patterson and Connor, 1973
Patterson, 1975
Connor and Patterson, 1976
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This is the first of three U.S.A. aircraft surveys by TRACOR. This first survey's questionnaire differed substantially from the other two. The other two surveys are: 1969 U.S.A. Three

CATALOG (Continued)

Airport Survey (USA-032), 1970 U.S.A. Small City Airport Survey (USA-044). This study was cited in the list of surveys used by Wyle, 1977 (A54). The study is included in the analysis by Schultz.

Contact: William K. Connor
TRACOR, Inc.
6500 Tracor lane
Austin, Texas 78721

Study Number: USA-023

Title: 1967-68 SR-71 Supersonic Aircraft Noise Study

Date: 1967: 1968

Major Source: Sonic booms from aircraft

Location: U.S.A.: Six metropolitan areas; Atlanta, Chicago, Dallas, Denver, Los Angeles, Minneapolis

Sample Size: 6375 interviews. Some respondents were interviewed more than once

Noise Level: Not available

Reports: TRACOR, 1970a

Methods: Fixed format questionnaire.

Face-to-face interviews.

Residents of area interviewed.

Some interviews were held before, after and during the overflights. The questionnaire was altered between interview phases. Special samples of complainants were included.

Comments: NONE

Contact: William K. Connor
Tracor, Inc.
6500 Tracor Lane
Austin, Texas 78721

Study Number: USA-027

Title: 1968 LAX Aircraft Noise Study

Date: 1968 (October)

Major Source: Aircraft

Location: U.S.A.: Los Angeles International Airport

Sample Size: 200

Noise Level: Not available

Reports: Zamarin, 1971

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: This study was cited in a list of surveys used by Wyle, 1971 (A17).

Contact: Dr. R.F. Gabriel (Mail Code 35-36)
Douglas Aircraft Co.
3855 Lakewood Blvd.

CATALOG (Continued)

Long Beach, California 90846

Study Number: USA-031
Title: 1969 LAX Aircraft Noise Study
Date: 1969 (Autumn)
Major Source: Aircraft
Location: U.S.A.: Los Angeles International Airport
Sample Size: 500
Noise Level: Not available
Reports: Burrows and Zamarin, 1972
Zamarin, 1971
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in a list of surveys used by
Wyle, 1977 (A17).
Contact: Dr. R.F. Gabriel (Mail Code 35-36)
Douglas Aircraft Co.
3855 Lakewood Blvd.
Long Beach, California 90846

Study Number: USA-032
Title: 1969 U.S.A. Three Airport Survey (Phase II TRACOR Survey)
Date: 1969 (July to November)
Major Source: Aircraft
Location: U.S.A.: 3 Airports; Boston, Miami, New York
Sample Size: 2912
Noise Level: Available (continuous)
Reports: TRACOR, 1970b
Hazard, 1971
Edmiston and Patterson, 1972
Connor and Patterson, 1972
Patterson and Connor, 1973
Patterson, 1975
Connor and Patterson, 1976
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This is the second of a series of three surveys carried
out by TRACOR. The other two surveys are: 1967 U.S.A. Four
Airport Survey (USA-022) and 1970 U.S. Small City Airport
(USA-044). The second and third surveys have almost identical
questionnaires. This study was cited in the list of surveys
used by Wyle, 1977 (A54).
Contact: William K. Connor
Tracor, Inc.

CATALOG (Continued)

6500 Tracor Lane
Austin, Texas 78721

Study Number: USA-039

Title: San Francisco Three Street Pilot Study

Date: 1969-70

Major Source: Community Noise

Location: U.S.A.: San Francisco

Sample Size: 36

Noise Level: Available

Reports: Appleyard and Lintell, 1972

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: NONE

Contact: Dr. Donald Appleyard

Dept. of Landscape Architecture

University of California

Berkley, California 94720

Study Number: USA-040

Title: 1969 Inglewood Community Noise Survey

Date: 1969 (December)

Major Source: Community

Location: U.S.A.: Inglewood (California)

Sample Size: 13,000

Noise Level: Available for aircraft (noise level is averaged over census tracts)

Reports: "Toward a Quality City....", 1972, (p.105-106)

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: This study was cited in the list of surveys used by Wyle, 1977 (A31). (Survey USA-048 is also referenced by the Wyle A31 number).

Contact: Louis C. Sutherland

Wyle Laboratories

128 Maryland St.

El Segundo, California 90245

Study Number: USA-043

Title: Los Angeles Freeway Five Site Study

Date: 1969 Publication (Date of survey not determined)

Major Source: Freeway noise

Location: U.S.A.: Los Angeles

CATALOG (Continued)

Sample Size: 325
Noise Level: Available
Reports: Galloway, Clark and Kerrick, 1969
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. William J. Galloway
Bolt Beranek and Newman, Inc.
21120 Vanowen St.
Canoga Park, Ca. 91305

Study Number: USA-044
Title: 1970 U.S.A. Small City Airports (Small City TRACOR survey)
Date: 1970-71 (October 1970 to January 1971)
Major Source: Aircraft
Location: U.S.A.: 2 Airports; Chattanooga, Reno
Sample Size: 1960
Noise Level: Available (continuous)
Reports: Connor and Patterson, 1972
Patterson and Connor 1973
Patterson, 1975
Connor and Patterson, 1976
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This is the third of a series of three surveys by TRACOR.
The other two surveys are: 1967 U.S.A. Four Airport Survey
(USA-022) and 1969 U.S.A. Three Airport Survey (USA-032). The
second and third surveys have almost identical questionnaires.
This study was cited in the surveys used by Wyle, 1977
(A55), and Schultz, 1978.
Contact: William K. Connor
Tracor, Inc.
6500 Tracor Lane
Austin, Texas 78721

Study Number: USA-047
Title: 1970 Minneapolis Freeway Noise Study
Date: 1970 (July, August)
Major Source: Expressway noise
Location: U.S.A.: Interstate Highway I35W in Minneapolis, Minnesota
Sample Size: 148
Noise Level: Not available
Reports: Lambert, 1971
Bouchard, 1970

CATALOG (Continued)

- Highway Traffic Noise..., 1971 (includes the two preceding references)
- Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
- Comments: This survey area was later included in the 1972 Minneapolis Freeway Noise Barrier Study (USA-069)
- Contact: Mr. C.A. Canner
Office of Research and Development
Minnesota Dept. of Transportation
State of Minnesota
St. Paul, Minnesota 55155
-
- Study Number: USA-048
Title: 1970 C.R.P. Inglewood Community Noise Survey
Date: 1970 (January)
Major Source: Community
Location: U.S.A. Inglewood (California)
Sample Size: 5,500
Noise Level: Available for aircraft (level is averaged over-census tracts)
Reports: "Toward a Quality City...", 1972
Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
A mailed survey was used (13% response rate)
Comments: This study was cited in the list of surveys used by Wyle, 1977 (A31). (Survey USA-040 is also referenced by the Wyle A31 number).
Contact: UNKNOWN
-
- Study Number: USA-049
Title: Cedar Rock Drive Neighborhood Noise Investigation
Date: 1970
Major Source: Manufacturing plant noise in a community
Location: U.S.A.: A neighborhood in Pickens, South Carolina
Sample Size: 17
Noise Level: Available (continuous)
Reports: Hart, et al., 1972
Methods: Two of the 17 respondents were in business establishments. Only one question was asked of each person.
Comments: The study was used in a court case.
Contact: Dr. F.D. Hart
Center for Acoustical Studies
Box 5801
North Carolina State University
Raleigh, North Carolina 27607

CATALOG (Continued)

Study Number: USA-051

Title: 1971 J.F.K. Dynamic Preferential Runway System Survey

Date: 1971 (August-September)

Major Source: Aircraft

Location: U.S.A.: John F. Kennedy Airport in New York City

Sample Size: 441

Noise Level: Not available

Reports: Patterson et al., 1972

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: Study areas were chosen to provide a closely comparable sample to that from the 1969 TRACOR study (USA-032) for the purpose of assessing any changes in reactions attributable to the introduction of the dynamic preferential runway system at J.F.K.

Contact: William K. Connor

Tracor, Inc.

6500 Tracor Lane

Austin, Texas 78721

Study Number: USA-057

Title: U.S.A. Vehicle Noise Situation Survey

Date: 1971 Publication (Date of survey not determined)

Major Source: Road vehicle traffic

Location: U.S.A.: Boston, Los Angeles, Detroit

Sample Size: 1201

Noise Level: Available for some respondents

Reports: Bolt Beranek and Newman, 1971a

Bolt Beranek and Newman, 1971b

Bolt Beranek and Newman, 1971c

Methods: Residents of area interviewed.

Cross-sectional study design.

Instead of fixed format questionnaires, a flexible conversational format was used. All interviews were conducted by telephone.

Comments: The survey was designed to explore the "vehicle noise situations which annoyed" respondents.

This study was cited in the list of surveys listed by Wyle, 1977 (A8).

Contact: Dr. William J. Galloway

Bolt Beranek and Newman Inc.

21120 Vanowen St.

Canogo Park, Ca., 91305

Study Number: USA-058

Title: Philadelphia Community Noise Survey

Date: 1971 Publication (Date of survey not determined)

CATALOG (Continued)

Major Source: All community noise identified in Philadelphia
Location: U.S.A.: Philadelphia
Sample Size: 500
Noise Level: Not available
Reports: Bragdon, 1971
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A15).
Contact: Dr. C.R. Bragdon
Dept. of City Planning
Georgia Institute of Technology
Atlanta, Georgia 30322

Study Number: USA-059
Title: 1972 J.F.K. Airport Noise Survey
Date: 1972 (February, March, August, October)
Major Source: Aircraft
Location: U.S.A.: John F. Kennedy airport in New York City
Sample Size: 2930 interviews from 1465 respondents
Noise Level: Available (continuous) but annoyance responses
not reported by noise level
Reports: Borsky and Leonard, 1973
Leonard and Borsky, 1973
Borsky, 1974
Borsky, 1975
Borsky, 1976a
Borsky, 1976b
Methods: Fixed format questionnaire.
Residents of area interviewed.
Original face-to-face interviews were followed by
repeated interviews by telephone.
Comments: This study was cited in the list of surveys used by
Wyle, 1977 (A13)
Contact: Mr. Paul Borsky
School of Public Health
Columbia University
New York, N. Y. 10027

Study Number: USA-060
Title: 1972 Portland Northshore Aircraft Survey
Date: 1972 (November)
Major Source: Aircraft
Location: U.S.A.: Portland, Oregon
Sample Size: 303
Noise Level: Not Available

CATALOG (Continued)

Reports: Yaden and West, 1972
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: NONE
Contact: Dr. Yaden
107 N.W. 5th Ave
Portland, Oregon 97209

Study Number: USA-066
Title: 1972 BART Residential Impact Survey
Date: 1972
Major Source: Suburban railway system (Bay Area Rapid Transit System)
Location: U.S.A.: San Francisco area
Sample Size: 2541
Noise Level: Not available
Reports: Appleyard and Carp, 1973
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: The survey is part of a larger assessment project which includes a number of types of interview samples.
Contact: Dr. Donald Appleyard
Dept. of Landscape Architecture
University of California
Berkley, California 94720

Study Number: USA-067
Title: 1972 Boulder Community Noise Survey
Date: 1972
Major Source: Community Noise
Location: U.S.A.: Boulder, Colorado
Sample Size: 917
Noise Level: Not available
Reports: Chanaud, 1972
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys listed by Wyle, 1977 (A19).
Contact: Dr. Robert C. Chanaud
Engineering Dynamics, Inc.
6651 So. Wellington Ct.
Littleton, Colorado 80121

CATALOG (Continued)

Study Number: USA-068
Title: 1972 College Park Community Noise Survey
Date: 1972
Major Source: Community Noise
Location: U.S.A.: College Park, Georgia
Sample Size: 280
Noise Level: Available
Reports: Lambert et al., 1973
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys listed by
Wyle, 1977 (A34).
Contact: Dr. C.R. Bragdon
Dept. of City Planning
Georgia Institute of Technology
Atlanta, Georgia 30322

Study Number: USA-069
Title: 1972 Minneapolis Freeway Noise Barrier Study
Date: 1972 (June to August): 1973 (July, August)
Major Source: Expressway noise
Location: U.S.A.: Interstate Highway I-35W at Minnehaha Creek
in Minneapolis, Minnesota
Sample Size: 272
Noise Level: Available
Reports: Lambert and Bouchard, 1974
Lambert, 1978
Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
Interviews were carried out in the same area before
(1972) and after (1973) a barrier was introduced.
Comments: The 1970 Minneapolis Freeway Noise Study (USA-047)
was conducted in the same area.
Contact: Mr. R.M. Canner
Office of Research and Development
Minnesota Dept. of Transportation
State of Minnesota
St. Paul, Minnesota 55155

Study Number: USA-070
Title: 1972 Eastern U.S.A. Four Community Highway Noise Survey
Date: 1972
Major Source: Freeways
Location: U.S.A.: 4 communities; Bogota (New Jersey),
Towson (Maryland), North Springfield (Virginia),

CATALOG (Continued)

Rosedale (Maryland)
Sample Size: 1114
Noise Level: Available
Reports: Gamble et al., 1973
Gamble et al., 1974
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Part of a study which also related property
values to noise level.
This study was cited in the list of surveys used by
Wyle, 1977 (A28).
Contact: Dr. H. B. Gamble
Institute for Research on Land & Water Resources
Land and Water Research Building
Pennsylvania State University
University Park, Pa. 16802

Study Number: USA-081
Title: Boulder Newspaper Community Noise Survey
Date: 1972 Publication (Date of survey not determined)
Major Source: Community
Location: U.S.A.: Boulder (Colorado)
Sample Size: 215
Noise Level: Not available
Reports: Chanaud, 1972
Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
Questionnaire responses were solicited on a form
in the Boulder Camera newspaper. Anyone
who wanted to answer mailed in a response.
Comments: NONE
Contact: Dr. Robert C. Chanaud
Engineering Dynamics, Inc.
6651 So. Wellington Ct.
Littleton, Colorado 80121

Study Number: USA-082
Title: 1973 Los Angeles Airport Night Study
Date: 1973 (April to June)
Major Source: Aircraft
Location: U.S.A.: Los Angeles International Airport
Sample Size: 1417 interviews, from 940 respondents
Noise Level: Available (5 dB steps)
Reports: Fidell and Jones, 1975
Methods: Telephone

CATALOG (Continued)

Fixed format questionnaire.
Residents of area interviewed.
Some of the sample members were interviewed once
before and then reinterviewed two times after
late night flights were changed over their homes.
Comments: Interviews in both English and Spanish.
The study attempted to assess the effect of a reduction
in nighttime noise exposure.
This study was cited in the list of surveys used by
Schultz, 1978.
Contact: Dr. Sanford Fidell
Bolt Beranek & Newman, Inc.
P.O. Box 633
Canoga Park, Ca. 91305

Study Number: USA-083
Title: 1973 LAX Airport Noise Study
Date: 1973 (December)
Major Source: Aircraft
Location: U.S.A.: Los Angeles International Airport
Sample Size: 880
Noise Level: Not available
Reports: Olson Laboratories Ltd., 1976
Opinion Research of California, 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used by
Wyle, 1977 (A45).
Contact: Dr. Gary Allen
Systems Control
1440 6A South State College Blvd.
Anaheim, California 92806

Study Number: USA-084
Title: 1973 J.F.K. Airport Noise Study
Date: 1973 (Autumn)
Major Source: Aircraft
Location: U.S.A.: John F. Kennedy airport in New York City
Sample Size: 1059
Noise Level: Not available
Reports: Borsky, 1974 CR 142108
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: The primary purpose of field program was to recruit

CATALOG (Continued)

- laboratory subjects.
Contact: Mr. Paul Borsky
School of Public Health
Columbia University
New York, N. Y. 10027
- Study Number: USA-085
Title: 1973 Seattle-Tacoma Airport Noise Study
Date: 1973 (May-July)
Major Source: Aircraft
Location: U.S.A.: Seattle-Tacoma International Airport
Sample Size: 716
Noise Level: Available for 285 respondents (continuous)
Reports: Fiedler and Fiedler, 1974
Hughes and Mabry, 1976
Fiedler and Fiedler, 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used by
Wyle, 1977 (A5).
Contact: Judith Fiedler
University of Washington
Seattle, Washington
- Study Number: USA-088
Title: 1973 U.S.C. Los Angeles Freeway Noise Study
Date: 1973 (July) to 1974 (January)
Major Source: Freeway noise
Location: U.S.A.: Los Angeles
Sample Size: 696 from main sample (An additional 59 interviews from
new freeway sites were not analyzed.)
Noise Level: Available (continuous)
Reports: Small, Jenkins, and Carroll, 1976
Jenkins and Pahl, 1975
Small et al., 1974
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys listed
by Wyle, 1977 (A32).
Contact: Dr. Arnold Small
Research Center
Institute of Safety and Systems Management
University of Southern California
Los Angeles, California 90007

CATALOG (Continued)

Study Number: USA-089
Title: Portland-Multnomah Community Noise Survey
Date: 1973 (September-November)
Major Source: Community
Location: U.S.A.: City of Portland and Multnomah County (Oregon)
Sample Size: 659
Noise Level: Not available
Reports: MAN, 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys listed by
Wyle, 1977 (A38).
Contact: Mr. James Mabry
MAN-Acoustics and Noise Inc.
2105 North 45th
Seattle, Washington 98103

Study Number: USA-090
Title: 1973 E.P.A. Community Noise Questionnaire Pilot Study
Date: 1973
Major Source: Community, Airport
Location: U.S.A.: Los Angeles, New York
Sample Size: 179
Noise Level: Available
Reports: Sutherland, Braden and Coleman, 1973
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: The study was carried out in four diverse types
of areas to provide the first test of a questionnaire
intended for general use by the E.P.A.
This study was cited in the list of surveys used by
Wyle, 1977 (A52).
Contact: Louis C. Sutherland
Wyle Laboratories
128 Maryland St.
El Segundo, California 90245

Study Number: USA-091
Title: 1973 Test of Real Time, Personal Annoyance Monitoring Devices
Date: 1973
Major Source: Community, Aircraft
Location: U.S.A.: Los Angeles
Sample Size: 11
Noise Level: Available (continuous)

CATALOG (Continued)

Reports: Fidell, Jones and Pearsons, 1973
Methods: Face-to-face interviews.
Fixed format questionnaire.
Residents of area interviewed.
The main data collection technique was for respondents to indicate their degree of annoyance with each noise event on a wrist worn F.M. transmitter. The transmitter signal made a mark on the noise recording. A summary questionnaire was also used.
Comments: Some subjects also described each noise event using a portable microphone.
Contact: Dr. Sanford Fidell
Bolt Beranek & Newman, Inc.
P.O. Box 633
Canoga Park, Ca. 91305

Study Number: USA-095
Title: U.S. Census Bureau Annual Housing Surveys
Date: Yearly 1973 to present (1980)
Major Source: Community, Aircraft
Location: U.S.A.: National sample and selected SMSA'S.
Sample Size: Approximately 70,000 national representative interviews per year.
Noise Level: Not available
Reports: Annual Housing Survey (Each year from 1974 to 1977)
Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
National sample interviews are repeated in the same housing unit each year.
Comments: In addition to the national sample of approximately 70,000 people there are Special Standard Metropolitan Area (SMSA) surveys of approximately 5,000 to 15,000 interviews in each of approximately 15 to 20 different metropolitan areas each year. The wording of the questions has changed somewhat over the years. Only two questions are asked about reactions to noise.
Contact: Housing Division
Current Surveys Branch
U.S. Bureau of the Census
Washington, D. C. 20233

Study Number: USA-096
Title: 1974 Fort Campbell Area Helicopter Noise Survey
Date: 1974
Major Source: Helicopters
Location: U.S.A.: Near Fort Campbell, Kentucky-Tennessee
Sample Size: 213

CATALOG (Continued)

Noise Level: Predicted as a function of distance, helicopter type and flight frequency but not linked to survey responses in published analyses.
Reports: Broderon and Edwards, 1976
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This survey evaluated proposed low-altitude flights over 2500 square miles of land surrounding Fort Campbell.
Contact: Mr. A. B. Broderon
Watkins & Associates, Inc.
446 East High Street
Lexington, Kentucky 40588

Study Number: USA-102
Title: 1974 U.S.A. 24 Site Community Noise Survey
Date: 1974 Spring
Major Source: Community noise (neighborhood as well as road traffic)
Location: U.S.A.: 24 sites in Seven cities
Sample Size: 2037
Noise Level: Available (continuous)
Reports: Fidell, 1978
Fidell, 1977
Galloway, 1977
Simpson et al. 1974
Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
Telephone interviews were used for most (1834) respondents. There were 203 personal interviews.
Comments: This study was cited in the list of surveys used by Wyle, 1977 (A9), and Schultz, 1978.
Contact: Dr. Sanford Fidell
Bolt Beranek and Newman, Inc.
P.O. Box 633
Canoga Park, California 91305

Study Number: USA-103
Title: 1974 Capital Beltway Survey
Date: 1974
Major Source: Freeway noise
Location: U.S.A.: suburb of Washington, D.C.
Sample Size: 149
Noise Level: Not available
Reports: Humphrey, Bradshaw and Krout, 1978

CATALOG (Continued)

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Dr. Craig R. Humphrey
Pennsylvania State University
University Park, Pennsylvania

Study Number: USA-104

Title: 1974 Boston Economic Impact Pretest

Date: 1974

Major Source: Road Traffic

Location: U.S.A.: Boston Metropolitan Area

Sample Size: 60

Noise Level: Not available

Reports: Thorpe and Holmes, 1976

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: The testing of the questionnaire was part of a larger project to develop a questionnaire which would measure the economic welfare effects of noise. This study was cited in the list of surveys used by Wyle, 1977 (A53).

Contact: Dr. Rodney Thorpe
Q.E.I. Inc.
119 The Great Road
Bedford, Massachusetts 01730

Study Number: USA-105

Title: 1974 San Francisco Livable Streets Survey

Date: 1974 (June)

Major Source: Traffic

Location: U.S.A.: San Francisco

Sample Size: 450

Noise Level: Not available

Reports: Appleyard, et al., 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Dr. Donald Appleyard
Institute of Urban and Regional Development
University of California
Berkeley, California 94720

CATALOG (Continued)

Study Number: USA-110
Title: 1975 J.F.K. Airport Noise Survey
Date: 1975 (Autumn)
Major Source: Aircraft
Location: U.S.A.: John F. Kennedy Airport in New York City
Sample Size: 1294
Noise Level: Not Available
Reports: Borsky, 1977
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Survey conducted as part of laboratory study program.
Contact: Mr. Paul Borsky
School of Public Health
Columbia University
New York, N.Y. 10027

Study Number: USA-117
Title: 1975 Boulder Noise Survey
Date: 1975
Major Source: Community
Location: U.S.A.: Boulder (Colorado)
Sample Size: 184
Noise Level: Available
Reports: Gourdin, 1975
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A63).
Contact: Mr. David Gourdin
Colorado Dept. of Health
Radiation and Hazardous Waste Control Division
4210 East 11th Ave
Denver, Colorado 80220

Study Number: USA-127
Title: 1976-77 Dulles Concorde Noise Study
Date: 1976 (May, December): 1977 (May)
Major Source: Aircraft
Location: U.S.A.: Dulles International Airport (Washington, D.C.)
Sample Size: 5291 spread over three waves
Noise Level: Not Available (High, medium, low, unimpacted)
Reports: F.A.A., 1977
Committee on Community Reactions to Concorde, 1977
Methods: Fixed format questionnaire.

CATALOG (Continued)

Residents of area interviewed.
Interviewing was conducted at three times before and after
the Concorde introduction. Different people were interviewed
in each wave. All interviews were by telephone.

Comments: NONE

Contact: William T. Shepherd
AEE-110
F.A.A.
800 Independence Ave. S.W.
Washington, D.C. 20591

Study Number: USA-128

Title: 1976 Orange County Airport Noise Survey

Date: 1976

Major Source: Aircraft

Location: U.S.A.: Orange County, California

Sample Size: 666

Noise Level: Single analysis groups span as much as a 20 CNEL
range.

Reports: POS Associates, 1976

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: The 1976 study was prepared for the Orange County Board
of Supervisors. Some of this 1976 questionnaire was also
used in the 1977 Orange County Airport Survey, (USA-145).
This study was cited in the surveys used by Wyle,
1977 (A45).

Contact: Ken Caines, Director
POS Associates
1720 N. Broadway
Santa Ana, California 92706

Study Number: USA-129

Title: Albany and Louisville Aircraft Fear Study

Date: 1976 (June, July in Albany)

Major Source: Aircraft

Location: U.S.A.: Albany, New York and Louisville, Kentucky

Sample Size: 200

Noise Level: Available

Reports: Loeb, 1977

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face-to-face interviews.

Cross-sectional study design.

Comments: Interviews were conducted both in areas near and distant
from a plane crash site at each airport.

CATALOG (Continued)

Contact: Dr. Michael Loeb
Psychology Dept. and Performance Research Laboratory
University of Louisville
Louisville, Kentucky 40208

Study Number: USA-143
Title: 1977-78 Three-phase J.F.K. Concorde Noise Study
Date: 1977 (October, November): 1978 (May, June): 1978
(August, September)
Major Source: Aircraft
Location: U.S.A.: John F. Kennedy Airport in New York City
Sample Size: Approximately 5800 interviews from approximately 2400 people
Noise Level: Not available
Reports: Borsky, 1978
Methods: Fixed format questionnaire.
Face-to-face interviews.
Residents of area interviewed.
Many respondents were interviewed in the two repeated
interview waves after the Concorde began to operate. Some
were interviewed by telephone in repeated interviews.
Comments: Reactions were measured before and after Concorde began
to operate. Some interviews were carried out to test for
reinterviewing and face-to-face vs. telephone interviewing
effects.
Contact: Mr. Paul Borsky
School of Public Health
Columbia University
New York, N.Y. 10027

Study Number: USA-144
Title: 1977-78 F.A.A. J.F.K. Concorde Noise Study
Date: 1977 (January, to April): 1978 (January, February)
Major Source: Aircraft
Location: U.S.A.: John F. Kennedy airport in New York City
Sample Size: 2020
Noise Level: Available (continuous)
Reports: F.A.A., 1979
Methods: Fixed format questionnaire.
Residents of area interviewed.
Telephone interviews were carried out in communities
before and after Concorde was introduced.
Comments: Measured reactions before and after Concorde began
to operate.
Contact: William T. Shepherd
AEE-110
F.A.A.
800 Independence Ave S.W.
Washington, D.C. 20591

CATALOG (Continued)

Study Number: USA-145
Title: 1977 Orange County Airport Noise Study
Date: 1977 (January)
Major Source: Aircraft
Location: U.S.A.: Orange County California
Sample Size: 400
Noise Level: Available for 200 people near the airport (5 dB steps)
Reports: Opinion Research of California, 1977
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
Comments: Some of the questionnaire was planned for comparison with the 1976 Orange County Airport survey. The 1977 study was prepared for the City of Newport Beach.
Contact: Mr. Don Weddle
Opinion Research of California
917 Pine Ave.
Long Beach, California 90813

Study Number: USA-154
Title: 1977 Youngmann Highway Noise Abatement Study
Date: 1977 (August)
Major Source: Expressway noise
Location: U.S.A.: Interstate Highway-290 in Amherst (Buffalo), New York
Sample Size: 160
Noise Level: Available (continuous)
Reports: McColl, 1979
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.
(plans for later follow up survey after a barrier is constructed)
Comments: NONE
Contact: Dr. William McColl
State Campus Building 5-524
Albany, New York 12232

Study Number: USA-155
Title: 1977 Minnesota Five-site Freeway Noise Barrier Study
Date: 1977-1978
Major Source: Freeway noise
Location: U.S.A.: 19 study areas in the Minneapolis-St. Paul vicinity
Sample Size: 756 questionnaires in the follow up survey, a smaller number in the original survey
332 mail questionnaires returned

CATALOG (Continued)

Noise Level: Not available

Reports: Orlich, 1979

Minneapolis-St. Paul Metropolitan Area Noise Barrier
Attitude Survey, 1980

Methods: Fixed format questionnaire.

Residents of area interviewed.

A mail questionnaire was used. In four areas residents
were surveyed both before and after the barrier was
constructed. In the remaining 15 areas, residents were
only surveyed after the barrier had been constructed.

Comments: NONE

Contact: Mr. Ronald M. Canner Jr.

Transportation Building, Room G-29D

Minnesota Dept. of Transportation

St. Paul, Mi. 55155

Study Number: USA-156

Title: 1977 Ohio New Highway Survey

Date: 1977

Major Source: Road Traffic

Location: U.S.A.: Residents of one neighborhood in Ohio

Sample Size: 163 interviews in the first phase, 131 in the second phase

Noise Level: Not available

Reports: Weinstein, 1980

Methods: Fixed format questionnaire.

Face-to-face interviews.

Residents of area interviewed.

Comments: People were interviewed 3 months before a new highway
opened and then reinterviewed 4 months after it opened.

Contact: Dr. N.D. Weinstein

Dept. of Human Ecology and Social Sciences

Cook College

Rutgers University

New Brunswick, New Jersey 08903

Study Number: USA-166

Title: 1978 Salt Lake Airport Noise Study

Date: 1978 (May)

Major Source: Aircraft

Location: U.S.A.: Salt Lake City (4 areas)

Sample Size: 353

Noise Level: Available (5 dB steps)

Reports: Systems Control, 1978

Methods: Fixed format questionnaire.

Residents of area interviewed.

Cross-sectional study design.

Comments: NONE

Contact: Mr. Tom Fitzwater

CATALOG (Continued)

CH2M Hill
1301 Dove, Suite 800
Newport Beach, California 92660

Study Number: USA-167
Title: U.S.A. Helicopter Survey of Selected Occupations
Date: 1978 (November), 1979 (February)
Major Source: Helicopters
Location: U.S.A.:
Sample Size: 272
Noise Level: Not Available
Reports: Edwards et al., 1979
Edwards et al., 1980
Methods: Fixed format questionnaire.
Cross-sectional study design.
Respondents may have responded to reactions while
at work as well as at home. Mail questionnaire.
Comments: Questionnaires were sent to wild life refuge
managers, forest service employees, postmasters,
and national park superintendents. Information
about their perceptions of other people's responses
was also sought.
Contact: Dr. Richard G. Edwards
Watkins & Associates, Inc.
446 East High Street
P.O. Box 951
Lexington, Kentucky 40588

Study Number: USA-170
Title: 1978 U.S. Army Impulse Noise Survey
Date: 1978 (July-September)
Major Source: Artillery, Helicopters
Location: U.S.A.: Vicinity of Ft. Bragg
Sample Size: 2147
Noise Level: Available for some noise sources
Reports: Schomer, 1979
Schomer, 1981
Methods: Fixed format questionnaire.
Residents of area interviewed.
Face to-face interviews.
Cross-sectional study design.
Comments: This study was cited in the list of surveys used
by Wyle, 1977 (A21).
Contact: Dr. Paul Schomer
U.S. Army Corps of Engineers
Construction Engineering Research Lab
Champaign, Il. 61820

CATALOG (Continued)

Study Number: USA-171

Title: 1978 Spokane Community Noise Survey

Date: 1978

Major Source: Community

Location: U.S.A.: Spokane County

Sample Size: 761

Noise Level: Not Available

Reports: Perdue, 1979

Perdue and Coates, 1979

Methods: Fixed format questionnaire.

Residents of area interviewed.

Face face interviews.

Cross-sectional study design.

Comments: NONE

Contact: Dr. W. Perdue

Dept of Sociology

Eastern Washington University

Cheney, Washington

Study Number: USA-172

Title: 1978 Kentucky Urban Noise Survey

Date: 1978

Major Source: Community

Location: U.S.A.: Kentucky (20 sites)

Sample Size: 845

Noise Level: Not available. Measurements made in the cities but data are not available for individual respondents.

Reports: Broderson, et al., 1979

Broderson, Edwards, McCoy, Coakley, 1981

Methods: Fixed format questionnaire.

Face-to-face interviews.

Residents of area interviewed.

Cross-sectional study design.

Comments: Self-administered questionnaires

Contact: Dr. A.B. Broderson

Watkins and Associates, Inc.

446 East High Street

Lexington, Kentucky 40588

Study Number: USA-179

Title: 1979 Oklahoma City Airport Noise Survey

Date: 1979, February

Major Source: Aircraft

Location: U.S.A.: Seven areas near Will Rogers World Airport (Oklahoma City).

Sample Size: 406

Noise Level: Available for some areas in 10-15 dB steps

Reports: Systems Control, 1979

CATALOG (Continued)

Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
Interviews were conducted by telephone.

Comments: NONE

Contact: Mr. Tom Fitzwater
CH2M Hill
1301 Dove St., Suite 800
Newport Beach, California 92660

Study Number: USA-183

Title: 1979 Salt Lake City Community Noise Survey

Date: 1979 (Summer)

Major Source: Community

Location: U.S.A.: Probability Sample of Salt Lake City

Sample Size: 451

Noise Level: Not available

Reports: Fricks, 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE

Contact: Ms. Patti Fricks
c/o Harry L. Gibbons
Salt Lake City-County Health Dept.
610 South 2nd East
Salt Lake City, Utah 84111

Study Number: USA-186

Title: 1980 Bradley International Airport Noise Survey

Date: 1980 (February)

Major Source: Aircraft

Location: U.S.A.: Connecticut around Bradley Airport

Sample Size: 343

Noise Level: Available (3 noise zones)

Reports: CH2M Hill, 1980

Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
Respondents were interviewed by telephone.

Comments: NONE

Contact: Mr. Tom Fitzwater
CH2M Hill
1301 Dove St., Suite 800
Newport Beach, California 92660

CATALOG (Continued)

Study Number: USA-191
Title: 1979 Philadelphia Aircraft Noise Survey
Date: 1979 (November, December)
Major Source: Aircraft, Community
Location: USA: Within 20 miles of Philadelphia International Airport
Sample Size: 1723
Noise Level: Responses are not related to noise level
Reports: Effects of Airport Noise..., 1980
Methods: Fixed format questionnaire.
Residents of area interviewed.
Cross-sectional study design.
Telephone interviews
Comments: NONE
Contact: William T. Shepard
AEE-110
F.A.A.
800 Independence Ave.
Washington, D.C. 20591

Study Number: USSR-042
Title: USSR 22 Settlement Aircraft Noise Survey
Date: 1969 Publication (Date of survey not determined)
Major Source: Aircraft
Location: U.S.S.R.: 22 Settlements
Sample Size: Over 2000
Noise Level: Availability of noise data not determined
Reports: Karagodina, et al., 1969
Methods: Residents of area interviewed.
Fixed format questionnaire.
Comments: NONE
Contact: Dr. I.L. Karagodina
Erisman Research Institute of Hygiene
Moscow
U.S.S.R.

Study Number: YUG-141
Title: Two Area Belgrade Aircraft Noise Study
Date: 1976 Publication (Date of survey not determined)
Major Source: Aircraft
Location: Yugoslavia: Two settlements near Belgrade airport
Sample Size: (Not known)
Noise Level: Available
Reports: Pravica, 1976
Methods: (NOT KNOWN)
Comments: NONE
Contact: Dr. Petar Pravica
Faculty of Electrical Engineering
Bulevar Revolucije 73

CATALOG (Continued)

11000 Belgrade
Yugoslavia

NOISE SOURCE INDEX

In this index each survey is listed by noise source(s) and then within noise source category by country. The nine noise sources are Aircraft, Community, Construction, Expressway, Industry, Interior (noise from attached dwelling units), Railway (includes all tracked transit systems), Road, and Miscellaneous. The classification by noise source category is based on the extent of information available about both the reactions and the noise environment for the particular source. This means that a survey is only listed under a single noise source heading when the standard survey approach is followed of focusing many questions on only one noise source but including a single short question about each other noise source. In the index the study code precedes each survey's title.

This index is presented on the next seven pages.

NOISE SOURCE INDEX

AIRCRAFT NOISE *****

AUSTRALIA

AUL-036 1969 Sydney Airport Noise Survey

BELGIUM

BEL-151 1977-78 Belgium Four Airport Noise Survey

CANADA

CAN-055 1971 Dorval Aircraft Noise Survey

CAN-078 1972 Calgary Noise Survey

CAN-168 1978 Canadian Four Airport Survey

CAN-174 1978 Canadian National Community Noise Survey (National Household Survey of Noise Exposure)

CAN-181 1979 Canadian Three Airport General Aviation Study

DENMARK

SWE-035 Scandinavian Nine Airport Noise Study

FRANCE

FRA-016 1965 Four French Airport Noise Study

FRA-017 1965 Regional French Sonic Boom Survey

FRA-045 1970 French Sonic Boom Survey

FRA-056 1971 Orly Aircraft Noise Survey

FRA-087 1973 St. Cyr L'Ecole General Aviation Noise Survey

FRA-098 1974-75 Roissy Airport Before-After Opening Noise Survey

FRA-099 1974 French National Aircraft Noise Survey

FRA-113 1975 Orly Airport Noise Study

FRA-131 1976 Orly Medical Study Test

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FRA-150 1977 Roissy Airport Survey

FRA-189 1971 French Concorde Sonic Boom Study

GERMANY

GER-034 1969 Munich Airport Noise (DFG Aircraft Noise Study)

GER-037 1969 Meppen Sonic Boom Field Experiment

GER-114 1975 German General Aviation Survey

GER-134 1976 Hamburg Urban Noise Survey

JAPAN

JPN-163 1972 Itami City Osaka Aircraft Noise Study

JPN-018 1965 Osaka Aircraft Noise Survey

JPN-046 1970 Yokota Airbase Study

JPN-062 1972 Akishima City Aircraft Noise Survey

JPN-152 1977 Atugi Military Aircraft Noise Study

NETHERLANDS

NET-013 1964 Schiphol Airport Survey

NET-115 1975 Schiphol and Marssum Aircraft Noise Surveys

NET-149 1977 Schiphol and Marssum Sound Insulation Survey

NET-193 1976 Netherlands Military Airfield Noise Study

NET-196 1978 Dutch Homes for the Aged Environmental Noise Study

NORWAY

SWE-035 Scandinavian Nine Airport Noise Study

POLAND

POL-198 1974 Warsaw Aircraft Noise Survey

SOUTH AFRICA

SAF-028 1968 South Africa Preliminary Aircraft Noise Survey

NOISE SOURCE INDEX (Aircraft Noise Continued)

SWEDEN

SWE-011 1963 Linkoping Airport Noise Study
 SWE-035 Scandinavian Nine Airport Noise Study
 SWE-054 Transget Sweden Sonic Boom Study
 SWE-108 Burgsvik Sweden Sonic Boom Study

SWITZERLAND

SWI-053 1971 Three City Swiss Noise Survey
 SWI-180 1979 Swiss General Aviation Survey

UNITED KINGDOM

UKD-008 1961 Heathrow Aircraft Noise Survey (First Heathrow Survey)
 UKD-010 1963 Welsh Village Impulse Noise (Exercise Yellow Hammer)
 UKD-024 1967 Heathrow Aircraft Noise Study (2nd Heathrow Survey)
 UKD-033 1969 Mixed Road and Aircraft Noise Survey
 UKD-052 1971 Gatwick Airport Noise Survey
 UKD-061 1972 Heathrow Airport Noise Pilot Survey
 UKD-086 1973 Kew Aircraft Noise Survey
 UKD-097 1974 English Aircraft Noise Postal Survey
 UKD-111 1975 English Mental Health Pilot Survey
 UKD-112 Luton In-migrants Aircraft Noise Survey
 UKD-130 1976 Heathrow Concorde Noise Survey
 UKD-147 1977 Heathrow Night-time Pilot Survey
 UKD-148 1977 Heathrow Psychiatric Morbidity Survey
 UKD-182 1979 Heathrow and Gatwick Sleep Study (Aircraft Noise
 and Sleep Disturbance)

UNITED STATES OF AMERICA

USA-004 1953 U.S.A. Eight Airport Noise Study
 USA-006 1957 U.S.A. Air Force Base Noise Study
 USA-007 1961 St. Louis Sonic Boom Study
 USA-012 1964 Oklahoma City Sonic Boom Study
 USA-022 1967 U.S.A. Four Airport Survey (Phase I of TRACOR Survey)
 USA-023 1967-68 SR-71 Supersonic Aircraft Noise Study
 USA-027 1968 LAX Airport Noise Study
 USA-031 1969 LAX Airport Noise Study
 USA-032 1969 U.S.A. Three Airport Survey (Phase II TRACOR Survey)
 USA-044 1970 U.S.A. Small City Airports (Small City TRACOR survey)
 USA-048 1970 C.R.P. Inglewood Community Noise Survey
 USA-051 1971 J.F.K. Dynamic Preferential Runway System Survey
 USA-059 1972 J.F.K. Airport Noise Survey
 USA-060 1972 Portland Northshore Aircraft Survey
 USA-082 1973 Los Angeles International Airport Night Study
 USA-083 1973 LAX Airport Noise Study
 USA-084 1973 J.F.K. Airport Noise Study
 USA-085 1973 Seattle-Tacoma Airport Noise Study
 USA-090 1973 E.P.A. Community Noise Questionnaire Pilot Study
 USA-091 1973 Test of Real Time, Personal Annoyance Monitoring Devices
 USA-095 U.S. Census Bureau Annual Housing Surveys
 USA-096 1974 Fort Campbell Area Helicopter Noise Survey
 USA-110 1975 J.F.K. Airport Noise Survey
 USA-127 Dulles Concorde Noise Study
 USA-128 1976 Orange County Airport Noise Survey

NOISE SOURCE INDEX (Aircraft Noise Continued)

USA-129 Albany and Louisville Aircraft Fear Study
 USA-143 J.F.K. Concorde Noise Study
 USA-144 F.A.A. J.F.K. Concorde Noise Study
 USA-145 1977 Orange County Airport Noise Study
 USA-166 1978 Salt Lake Airport Noise Study
 USA-167 U.S.A. Helicopter Survey of Selected Occupations
 USA-170 1978 U.S. Army Impulse Noise Survey
 USA-179 1979 Oklahoma City Airport Noise Survey
 USA-186 1980 Bradley International Airport Noise Survey
 USA-191 1979 Philadelphia Aircraft Noise Survey
 UNION OF SOVIET SOCIALIST REPUBLICS
 USR-042 USSR 22 Settlement Aircraft Noise Survey
 YUGOSLOVIA
 YUG-141 Two Area Belgrade Aircraft Noise Study

COMMUNITY NOISE *****

CANADA

CAN-076 1972 London and Woodstock Community Noise Survey
 CAN-077 1972 Edmonton Community Noise Survey
 CAN-078 1972 Calgary Noise Survey
 CAN-079 1972 Toronto Community Noise Survey
 CAN-121 1975-76 Southern Ontario Community Survey
 CAN-174 1978 Canadian National Community Noise Survey (National Household Survey of Noise Exposure)

JAPAN

JPN-138 1976 Kanagawa Ward Community Noise Survey
 JPN-177 1978 Kanagawa Ward Community Noise Survey

PUERTO RICO

PUR-188 San Juan Community Noise Survey

UNITED KINGDOM

UKD-001 1943 British Home Noise Survey
 UKD-076 1972 London and Woodstock Community Noise Survey
 UKD-132 1976 Darlington Quiet Town Survey
 UKD-160 1977 Hampshire Village Noise Study
 UKD-199 1978 Darlington Quiet Town Survey

UNITED STATES OF AMERICA

USA-020 1966 Three U.S.A. City Study
 USA-039 San Francisco Three Street Pilot Study
 USA-040 1969 Inglewood Community Noise Survey
 USA-048 1970 C.R.P. Inglewood Community Noise Survey
 USA-058 Philadelphia Community Noise Survey
 USA-067 1972 Boulder Community Noise Survey
 USA-068 1972 College Park Community Noise Survey
 USA-081 Boulder Newspaper Community Noise Survey
 USA-089 Portland-Multnomah Community Noise Survey
 USA-090 1973 E.P.A. Community Noise Questionnaire Pilot Study
 USA-091 1973 Test of Real Time, Personal Annoyance Monitoring Devices
 USA-095 U.S. Census Bureau Annual Housing Surveys
 USA-102 1974 U.S.A. 24 Site Community Noise Survey
 USA-117 1975 Boulder Noise Survey

NOISE SOURCE INDEX (Community Noise Continued)

USA-171 1978 Spokane Community Noise Survey
USA-172 1978 Kentucky Urban Noise Survey
USA-183 1979 Salt Lake City Community Noise Survey
USA-191 1979 Philadelphia Aircraft Noise Survey

CONSTRUCTION NOISE *****

GERMANY

GER-134 1976 Hamburg Urban Noise Survey

UNITED KINGDOM

UKD-074 1972 London Construction Site Survey

EXPRESSWAY NOISE *****

FRANCE

FRA-019 1965 Paris Expressway Noise Survey

SWEDEN

SWE-026 1967 Huddinge New Motorway Study

SWITZERLAND

SWI-159 Swiss N-3 Motorway Study

UNITED KINGDOM

UKD-073 1972 Birmingham New Motorway Study

UNITED STATES OF AMERICA

USA-043 Los Angeles Freeway Five Site Study
USA-047 1970 Minneapolis Freeway Noise Study
USA-069 1972 Minneapolis Freeway Noise Barrier Study
USA-070 1972 Eastern U.S.A. Four Community Highway Noise Survey
USA-088 1973 U.S.C. Los Angeles Freeway Noise Study
USA-103 1974 Capital Beltway Survey
USA-154 1977 Youngmann Highway Noise Abatement Study
USA-155 1977 Minnesota Five Site Freeway Noise Barrier Study

INDUSTRY NOISE *****

CANADA

CAN-136 1976 Impulse Noise Survey

GERMANY

GER-134 1976 Hamburg Urban Noise Survey

JAPAN

JPN-005 1953 Osaka Industrial Noise Survey

NETHERLANDS

NET-196 1978 Dutch Homes for the Aged Environmental Noise Study

UNITED STATES OF AMERICA

USA-049 Cedar Rock Drive Neighborhood Noise Investigation

INTERIOR NOISE *****

NETHERLANDS

NET-002 Netherlands Effects of Sound Insulation Study

UNITED KINGDOM

UKD-001 1943 British Home Noise Survey
UKD-003 1952 Sound Insulation in Flats Survey
UKD-119 1975 Great Britain Interior Noise Survey

NOISE SOURCE INDEX (Continued)

RAILWAY NOISE *****

CANADA

- CAN-078 1972 Calgary Noise Survey
- CAN-126 Toronto Railway Noise Survey
- CAN-169 1978-79 Canadian Five Railway Yard Survey
- CAN-174 1978 Canadian National Community Noise Survey (National Household Survey of Noise Exposure)

DENMARK

- DEN-200 1979 Danish Railway Noise Survey

FRANCE

- FRA-063 1972 Paris Area Railway Noise Survey

GERMANY

- GER-134 1976 Hamburg Urban Noise Survey
- GER-135 1976 Stuttgart Railway and Road Traffic Noise Survey
- GER-192 1977-78 German Road/Railway Noise Comparison Study

NETHERLANDS

- NET-153 1977 Dutch Railway Noise Survey
- NET-194 1976 Netherlands Railway Noise Survey
- NET-195 1977-78 Netherlands New Railway Line Survey
- NET-196 1978 Dutch Homes for the Aged Environmental Noise Study

JAPAN

- JPN-064 1972 Environmental Agency of Japan Shinkansen Noise Survey
- JPN-065 1972 New Tokaido and New Sanyo Shinkansen Railway Noise
- JPN-101 1974 Sendai City Regular Railway Noise Survey
- JPN-123 1975 Yokohama Road and Rail Noise Survey
- JPN-139 1976 Japanese Rail and Road Noise Study

NETHERLANDS

- NET-153 1977 Dutch Railway Noise Survey

POLAND

- POL-184 Polish Railway Noise Survey

SWEDEN

- SWE-165 1970's Gothenburg Tramway Noise Survey

UNITED KINGDOM

- UKD-029 1968 Coventry Pilot Railway Noise Survey
- UKD-038 1969 Central England Railway Survey
- UKD-116 1975 British National Railway Noise Survey

UNITED STATES OF AMERICA

- USA-066 1972 BART Residential Impact Survey

ROAD NOISE *****

AUSTRIA

- AUS-014 1964 Vienna Road Traffic Noise Survey
- AUS-093 1973 Vienna Road Traffic Noise Survey
- AUS-178 1977 Austrian Road Traffic Survey

BELGIUM

- BEL-107 Preliminary Leuven Traffic Noise Survey
- BEL-122 1975 Antwerp Traffic Noise Survey
- BEL-137 1976 Brussels Traffic Noise Survey

CANADA

- CAN-120 1975 Western Ontario University Traffic Noise Survey

NOISE SOURCE INDEX (Road Noise Continued)

CAN-121 1975-76 Southern Ontario Community Survey

CZECHOSLOVAKIA

CZE-109 Bratislava Traffic Noise Survey

DENMARK

DEN-075 1972 Copenhagen Traffic Noise Survey

FRANCE

FRA-041 1969 Paris Road Traffic Noise Study

FRA-092 1973 French 10 City Road Traffic Noise Survey

FRA-124 1975-76 L'Hay les Roses Barrier Survey

FRA-197 1979 French Behavioral Effects of Road Noise Study

GERMANY

GER-134 1976 Hamburg Urban Noise Survey

GER-135 1976 Stuttgart Railway and Road Traffic Noise Survey

GER-164 Dusseldorf Traffic Noise Survey

GER-192 1977-78 German Road/Railway Noise Comparison Study

HONG KONG

HKG-125 1975 Hong Kong Fireman Environmental Noise Survey

HKG-187 Hong Kong Socio-Economic Area Road Traffic Survey

ITALY

SWE-025 1967 Stockholm-Ferrara Comparative Traffic Noise Study

JAPAN

JPN-094 1973-1974 Sendai Road Traffic Noise Survey

JPN-123 1975 Yokohama Road and Rail Noise Survey

JPN-139 1976 Japanese Rail and Road Noise Study

JPN-140 1977 Camp Fuji Noise Survey

JPN-190 1956 Kyoto Traffic Noise Survey

NETHERLANDS

NET-106 1974 Dordrecht Highway Barrier Study

NET-196 1978 Dutch Homes for the Aged Environmental Noise Study

SWEDEN

SWE-021 1966 Stockholm, Gothenburg Road Traffic Study

SWE-025 1967 Stockholm-Ferrara Comparative Traffic Noise Study

SWE-100 Kungälv Noise Barrier Study

SWE-142 Stockholm, Visby, Gothenburg Traffic Noise Study

SWE-165 1970's Gothenburg Tramway Noise Survey

SWITZERLAND

SWI-133 1976 Zurich Street Traffic Noise (Apartments) Survey

SWI-158 1977 Zurich Pilot Traffic Noise Survey

SWI-159 Swiss N-3 Motorway Study

SWI-173 1978 Zurich Time of Day Survey

UNITED KINGDOM

UKD-009 1961 Central London Road Traffic Noise Survey

UKD-030 1968 B.R.S. London Road Traffic Noise Survey

UKD-033 1969 Mixed Road and Aircraft Noise Survey

UKD-038 1969 Central England Railway Survey

UKD-050 1970-71 Heston Noise Barrier Study

UKD-071 1972 B.R.S. London Road Traffic Noise Survey

UKD-072 1972 English Road Traffic Survey

UKD-080 1972 Loughborough Interrupted Traffic Flow Survey

UKD-118 1975 London and Liverpool Panel Survey

NOISE SOURCE INDEX (Road Noise Continued)

UKD-157 1977 London Area Panel Survey
UKD-160 1977 Hampshire Village Noise Study
UKD-162 Greater Manchester Traffic Survey
UKD-176 1978 I.S.V.R. Lab-Field Comparison Survey
UNITED STATES OF AMERICA
USA-020 1966 Three U.S.A. City Study
USA-057 U.S.A. Vehicle Noise Situation Survey
USA-088 1973 U.S.C. Los Angeles Freeway Noise Study
USA-102 1974 U.S.A. 24 Site Community Noise Survey
USA-104 1974 Boston Economic Impact Questionnaire Pretest
USA-105 1974 San Francisco Livable Streets Survey
USA-156 1977 Ohio New Highway Survey

MISCELLANEOUS NOISE *****

CANADA

CAN-136 1976 Impulse Noise Survey

JAPAN

JPN-140 1977 Camp Fuji Noise Survey

SWEDEN

SWE-185 1975 Gothenburg Rifle Range Survey

UNITED KINGDOM

UKD-010 1963 Welsh Village Impulse Noise (Exercise Yellow Hammer)

UKD-161 1977 Southampton Water Hovercraft Noise Survey

UKD-175 1978 Southampton Hovercraft Terminal Noise Survey

UNITED STATES OF AMERICA

USA-170 1978 U.S. Army Impulse Noise Survey

COUNTRY INDEX

Survey titles are listed by country and within country by the same nine noise sources which were used in the noise source index.

This index is presented on the next eight pages.

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AUSTRALIA *****

AIRCRAFT NOISE

AUL-036 1969 Sydney Airport Noise Survey

AUSTRIA *****

ROAD NOISE

AUS-014 1964 Vienna Road Traffic Noise Survey

AUS-093 1973 Vienna Road Traffic Noise Survey

AUS-178 1977 Austrian Road Traffic Survey

BELGIUM *****

AIRCRAFT NOISE

BEL-151 1977-78 Belgium Four Airport Noise Survey

ROAD NOISE

BEL-107 Preliminary Leuven Traffic Noise Survey

BEL-122 1975 Antwerp Traffic Noise Survey

BEL-137 1976 Brussels Traffic Noise Survey

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CAN-168 1978 Canadian Four Airport Survey

CAN-174 1978 Canadian National Community Noise Survey (National Household Survey of Noise Exposure)

CAN-181 1979 Canadian Three Airport General Aviation Study

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CAN-076 1972 London and Woodstock Community Noise Survey

CAN-077 1972 Edmonton Community Noise Survey

CAN-078 1972 Calgary Noise Survey

CAN-079 1972 Toronto Community Noise Survey

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CAN-174 1978 Canadian National Community Noise Survey (National Household Survey of Noise Exposure)

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ROAD NOISE

CAN-120 1975 Western Ontario University Traffic Noise Survey

CAN-121 1975-76 Southern Ontario Community Survey

MISCELLANEOUS NOISE

CAN-136 1976 Impulse Noise Survey

COUNTRY INDEX (Continued)

CZECHOSLOVAKIA *****

ROAD NOISE

CZE-109 Bratislava Traffic Noise Survey

DENMARK *****

AIRCRAFT NOISE

SWE-035 Scandinavian Nine Airport Noise Study

RAILWAY NOISE

DEN-200 1979 Danish Railway Noise Survey

ROAD NOISE

DEN-075 1972 Copenhagen Traffic Noise Survey

FRANCE *****

AIRCRAFT NOISE

FRA-016 1965 Four French Airport Noise Study

FRA-017 1965 Regional French Sonic Boom Survey

FRA-045 1970 French Sonic Boom Survey

FRA-056 1971 Orly Aircraft Noise Survey

FRA-087 1973 St. Cyr L'Ecole General Aviation Noise Survey

FRA-098 1974-75 Roissy Airport Before-After Opening Noise Survey

FRA-099 1974 French National Aircraft Noise Survey

FRA-113 1975 Orly Airport Noise Study

FRA-131 1976 Orly Medical Study Test

FRA-146 1977 French Light Aircraft Study

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FRA-092 1973 French 10 City Road Traffic Noise Survey

FRA-124 1975-76 l'Hay les Roses Barrier Survey

FRA-197 1979 French Behavioral Effects of Road Noise Study

GERMANY *****

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GER-034 1969 Munich Airport Noise (DFG Aircraft Noise Study)

GER-037 1969 Meppen Sonic Boom Field Experiment

GER-114 1975 German General Aviation Survey

GER-134 1976 Hamburg Urban Noise Survey

CONSTRUCTION NOISE

GER-134 1976 Hamburg Urban Noise Survey

INDUSTRY NOISE

GER-134 1976 Hamburg Urban Noise Survey

RAILWAY NOISE

GER-134 1976 Hamburg Urban Noise Survey

GER-135 1976 Stuttgart Railway and Road Traffic Noise Survey

GER-192 1977-78 German Road/Railway Noise Comparison Study

COUNTRY INDEX (Germany Continued)

ROAD NOISE

GER-134 1976 Hamburg Urban Noise Survey
GER-135 1976 Stuttgart Railway and Road Traffic Noise Survey
GER-164 Dusseldorf Traffic Noise Survey
GER-192 1977-78 German Road/Railway Noise Comparison Study

HONG KONG *****

AIRCRAFT NOISE

HKG-125 1975 Hong Kong Fireman Environmental Noise Survey

ROAD NOISE

HKG-125 1975 Hong Kong Fireman Environmental Noise Survey
HKG-187 Hong Kong Socio-Economic Area Road Traffic Survey

ITALY *****

ROAD NOISE

SWE-025 1967 Stockholm-Ferrara Comparative Traffic Noise Study

JAPAN *****

AIRCRAFT NOISE

JPN-163 1972 Itami City Osaka Aircraft Noise Study
JPN-018 1965 Osaka Aircraft Noise Survey
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JPN-152 1977 Atugi Military Aircraft Noise Study

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JPN-101 1974 Sendai City Regular Railway Noise Survey
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JPN-139 1976 Japanese Rail and Road Noise Study
JPN-140 1977 Camp Fuji Noise Survey
JPN-190 1956 Kyoto Traffic Noise Survey

MISCELLANEOUS NOISE

JPN-140 1977 Camp Fuji Noise Survey

NETHERLANDS *****

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NET-013 1964 Schiphol Airport Survey
NET-115 1975 Schiphol and Marssum Aircraft Noise Surveys
NET-149 1977 Schiphol and Marssum Sound Insulation Survey
NET-193 1976 Netherlands Military Airfield Noise Study

COUNTRY INDEX (Netherlands Continued)

NET-196 1978 Dutch Homes for the Aged Environmental Noise Study
INDUSTRY NOISE
NET-196 1978 Dutch Homes for the Aged Environmental Noise Study
INTERIOR NOISE
NET-002 Netherlands Effects of Sound Insulation Study
RAILWAY NOISE
NET-153 1977 Dutch Railway Noise Survey
NET-194 1976 Netherlands Railway Noise Survey
NET-195 1977-78 Netherlands New Railway Line Survey
NET-196 1978 Dutch Homes for the Aged Environmental Noise Study
ROAD NOISE
NET-106 1974 Dordrecht Highway Barrier Study
NET-196 1978 Dutch Homes for the Aged Environmental Noise Study

NORWAY *****

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SWE-035 Scandinavian Nine Airport Noise Study

POLAND *****

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RAILWAY NOISE
POL-184 Polish Railway Noise Survey

PUERTO RICO *****

COMMUNITY NOISE
PUR-188 San Juan Community Noise Survey

SOUTH AFRICA *****

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SAF-028 1968 South Africa Preliminary Aircraft Noise Survey

SWEDEN *****

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SWE-035 Scandinavian Nine Airport Noise Study
SWE-054 Transget Sweden Sonic Boom Study
SWE-108 Burgsvik Sweden Sonic Boom Study
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RAILWAY NOISE
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SWE-100 Kungälv Noise Barrier Study
SWE-142 Stockholm, Visby, Gothenburg Traffic Noise Study
SWE-165 1970's Gothenburg Tramway Noise Survey
MISCELLANEOUS NOISE
SWE-015 1964-1970 Karlstad Artillery Range Noise Study

COUNTRY INDEX (Sweden Continued)

SWE-185 1975 Gothenburg Rifle Range Survey

SWITZERLAND *****

AIRCRAFT NOISE

SWI-053 1971 Three City Swiss Noise Survey

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UKD-010 1963 Welsh Village Impulse Noise (Exercise Yellow Hammer)

UKD-024 1967 Heathrow Aircraft Noise Study (2nd Heathrow Survey)

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UKD-073 1972 Birmingham New Motorway Study

INTERIOR NOISE

UKD-001 1943 British Home Noise Survey

UKD-003 1952 Sound Insulation in Flats Survey

UKD-119 1975 Great Britain Interior Noise Survey

RAILWAY NOISE

UKD-029 1968 Coventry Pilot Railway Noise Survey

UKD-038 1969 Central England Railway Survey

UKD-116 1975 British National Railway Noise Survey

COUNTRY INDEX (United Kingdom Continued)

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UKD-009 1961 Central London Road Traffic Noise Survey
UKD-030 1968 B.R.S. London Road Traffic Noise Survey
UKD-033 1969 Mixed Road and Aircraft Noise Survey
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UKD-071 1972 B.R.S. London Road Traffic Noise Survey
UKD-072 1972 English Road Traffic Survey
UKD-080 1972 Loughborough Interrupted Traffic Flow Survey
UKD-118 1975 London and Liverpool Panel Survey
UKD-157 1977 London Area Panel Survey
UKD-160 1977 Hampshire Village Noise Study
UKD-162 Greater Manchester Traffic Survey
UKD-176 1978 I.S.V.R. Lab-Field Comparison Survey

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UKD-175 1978 Southampton Hovercraft Terminal Noise Survey

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USA-006 1957 U.S.A. Air Force Base Noise Study
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USA-012 1964 Oklahoma City Sonic Boom Study
USA-022 1967 U.S.A. Four Airport Survey (Phase I of TRACOR Survey)
USA-023 1967-68 SR-71 Supersonic Aircraft Noise Study
USA-027 1968 LAX Airport Noise Study
USA-031 1969 LAX Airport Noise Study
USA-032 1969 U.S.A. Three Airport Survey (Phase II TRACOR Survey)
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USA-082 1973 Los Angeles International Airport Night Study
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 - USA-166 1978 Salt Lake Airport Noise Study
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 - USA-088 1973 U.S.C. Los Angeles Freeway Noise Study
 - USA-102 1974 U.S.A. 24 Site Community Noise Survey
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AIRCRAFT NOISE

YUG-141 Two Area Belgrade Aircraft Noise Study

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Survey titles are listed by the year in which the social survey was begun. (When the year of the social survey is not known, the year of the first publication is used). Within year, studies are arranged alphabetically by country.

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SWE-035 Scandinavian Nine Airport Noise Study
UKD-033 1969 Mixed Road and Aircraft Noise Survey
UKD-038 1969 Central England Railway Survey
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JPN-046 1970 Yokota Airbase Study
PUR-188 San Juan Community Noise Survey
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USA-048 1970 C.R.P. Inglewood Community Noise Survey
USA-049 Cedar Rock Drive Neighborhood Noise Investigation

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FRA-056 1971 Orly Aircraft Noise Survey
FRA-189 1971 French Concorde Sonic Boom Study
SWE-054 Translet Sweden Sonic Boom Study
SWI-053 1971 Three City Swiss Noise Survey
UKD-052 1971 Gatwick Airport Noise Survey
USA-051 1971 J.F.K. Dynamic Preferential Runway System Survey
USA-057 U.S.A. Vehicle Noise Situation Survey
USA-058 Philadelphia Community Noise Survey

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CAN-077 1972 Edmonton Community Noise Survey
CAN-078 1972 Calgary Noise Survey
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DEN-075 1972 Copenhagen Traffic Noise Survey
FRA-063 1972 Paris Area Railway Noise Survey
JPN-163 1972 Itami City Osaka Aircraft Noise Study

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 JPN-064 1972 Environmental Agency of Japan Shinkansen Noise Survey
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 USA-070 1972 Eastern U.S.A. Four Community Highway Noise Survey
 USA-081 Boulder Newspaper Community Noise Survey

***** 1973 STUDIES *****

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 FRA-087 1973 St. Cyr L'Ecole General Aviation Noise Survey
 FRA-092 1973 French 10 City Traffic Noise Survey
 JPN-094 1973-1974 Sendai Road Traffic Noise Survey
 UKD-086 1973 Kew Aircraft Noise Survey
 USA-082 1973 Los Angeles Airport Night Study
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 USA-089 Portland-Multnomah Community Noise Survey
 USA-090 1973 E.P.A. Community Noise Questionnaire Pilot Study
 USA-091 1973 Test of Real Time, Personal Annoyance Monitoring Devices

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 FRA-098 1974-75 Roissy Airport Before-After Opening Noise Survey
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 JPN-101 1974 Sendai City Regular Railway Noise Survey
 NET-106 1974 Dordrecht Home Sound Insulation Study
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 USA-096 1974 Fort Campbell Area Helicopter Noise Survey
 USA-102 1974 U.S.A. 24 Site Community Noise Survey
 USA-103 1974 Capital Beltway Survey
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CAN-120 1975 Western Ontario University Traffic Noise Survey
CAN-121 1975-76 Southern Ontario Community Survey
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GER-114 1975 German General Aviation Survey
HKG-125 1975 Hong Kong Fireman Environmental Noise Survey
JPN-123 1975 Yokohama Road and Rail Noise Survey
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SWE-185 1975 Gothenburg Rifle Range Survey
UKD-111 1975 English Mental Health Pilot Survey
UKD-112 Luton In-migrants Aircraft Noise Survey
UKD-116 1975 British National Railway Noise Survey
UKD-118 1975 London and Liverpool Panel Survey
UKD-119 1975 Great Britain Interior Noise Survey
USA-110 1975 J.F.K. Airport Noise Survey
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GER-134 1976 Hamburg Urban Noise Survey
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SWE-165 1976 Gothenburg Tramway Noise Survey
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UKD-132 1976 Darlington Quiet Town Survey
USA-127 1976-77 Dulles Concorde Noise Study
USA-128 1976 Orange County Airport Noise Survey
USA-129 Albany and Louisville Aircraft Fear Study
YUG-141 Two Area Belgrade Aircraft Noise Study

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BEL-151 1977-78 Belgium Four Airport Noise Survey
FRA-146 1977 French Light Aircraft Study
FRA-150 1977 Roissy Airport Survey
GER-164 Dusseldorf Traffic Noise Survey
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UKD-148 1977 Heathrow Psychiatric Morbidity Survey
UKD-157 1977 London Area Panel Survey
UKD-160 1977 Hampshire Village Noise Study
UKD-161 1977 Southampton Water Hovercraft Noise Survey
UKD-162 Greater Manchester Traffic Survey
USA-143 1977-78 Three-phase J.F.K. Concorde Noise Study
USA-144 1977-78 F.A.A. J.F.K. Concorde Noise Study
USA-145 1977 Orange County Airport Noise Study
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CAN-174 1978 Canadian National Community Noise Survey (National Household Survey of Noise Exposure)
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USA-179 1979 Oklahoma City Airport Noise Survey
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***** YEARLY STUDIES *****
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The survey titles are listed by the three digit numerical code which is the last three characters of the alpha-numeric survey identifier used in the main catalog listing. Most numbers from 001 to 187 have been assigned in ascending order according to the year of the social survey.

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USA-006 1957 U.S.A. Air Force Base Noise Study
USA-007 1961 St. Louis Sonic Boom Study
UKD-008 1961 Heathrow Aircraft Noise Survey (First Heathrow Survey)
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 UKD-097 1974 English Aircraft Noise Postal Survey
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 USA-102 1974 U.S.A. 24 Site Community Noise Survey
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 BEL-107 Preliminary Leuven Traffic Noise Survey
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 USA-145 1977 Orange County Airport Noise Study
 FRA-146 1977 French Light Aircraft Study
 UKD-147 1977 Heathrow Night-time Pilot Survey
 UKD-148 1977 Heathrow Psychiatric Morbidity Survey
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 UKD-157 1977 London Area Panel Survey
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 UKD-182 1979 Heathrow and Gatwick Sleep Study (Aircraft Noise and Sleep Disturbance)
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 SWE-185 1975 Gothenburg Rifle Range Survey
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 HKG-187 Hong Kong Socio-Economic Area Road Traffic Survey
 PUR-188 San Juan Community Noise Survey
 FRA-189 1971 French Concorde Sonic Boom Study
 JPN-190 1956 Kyoto Traffic Noise Survey
 USA-191 1979 Philadelphia Aircraft Noise Survey
 GER-192 1977-78 German Road/Railway Noise Comparison Study
 NET-193 1976 Netherlands Military Airfield Noise Study
 NET-194 1976 Netherlands Railway Noise Survey
 NET-195 1977-78 Netherlands New Railway Line Survey
 NET-196 1978 Dutch Homes for the Aged Environmental Noise Study
 FRA-197 1979 French Behavioral Effects of Road Noise Study
 POL-198 1974 Warsaw Aircraft Noise Survey

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DEN-200	1979 Danish Railway Noise Survey

NOISE SURVEY DATA SETS DEPOSITED IN THE SSRC ARCHIVE

The NASA Langley Research Center has established an archive for surveys of people's response to environmental noise within the Social Science Research Council (SSRC) Survey Archive at the University of Essex (England). The SSRC Survey Archive serves as a general repository for over 1500 machine readable social science data sets. Thus far 19 noise surveys have been deposited in the archive. These surveys are available from the archive now, though many have not yet been fully processed. The archive provides a service for both depositors and users of noise surveys.

Depositors submit their data in a machine readable form. After processing the data, the archive standardizes the data format and the survey documentation. A standardized code book is prepared if a request is made to access a data set. Professional archiving practices are followed to provide a high degree of security for the data; three copies are made of each tape, tapes are regularly checked, and tapes are stored in separate places. The depositor has the option of retaining complete control over access to the data. The major advantage for the depositor is the knowledge that the data will be saved for future use.

Users of the data find the archive is an efficient way to obtain another study's data because clear documentation is available, the data have already been checked for obvious problems, and the data can be provided in a format which is compatible with most local computer installations. While the SSRC Archive cannot eliminate all problems in the analysis of such data, it does very substantially reduce these problems. Users pay a nominal fee for materials. The archive publishes a newsletter as well as an inventory of surveys.

The nineteen surveys which had been deposited in the archive by July of 1981 are listed below with the SSRC Number and title as well as the NASA study number which is used in this report. Unless otherwise noted, both the interview data set and the summary noise levels are available.

Interested depositors and users are urged to directly contact the archive at the following address: SSRC Survey Archive, University of Essex, Wivenhoe Park, Colchester, Essex CO4 3SQ, England (telephone 0206-862286).

TABLE 1: LIST OF SURVEYS IN SSRC ARCHIVE

<u>Study No.</u>	<u>Title</u>	<u>NASA Study Number</u>
992	Traffic and the Environment	UKD-072
1006	Noise Annoyance in Central London	UKD-009
1280	USA TRACOR Aircraft Noise Studies	USA-022 USA-032 USA-044
1291	Aircraft Noise Annoyance Around London (Heathrow) Airport (NOTE: Noise levels are not available for this 1961 survey)	UKD-008
1355	Community Response to Road Traffic Noise in the Toronto-Hamilton Corridor	CAN-121
1356	Community Response to Noise Around Toronto International and other Southern Ontario Airports	CAN-168
1399	1975 Western Ontario University Traffic Noise Survey	CAN-120
1400	1975 British National Railway Noise Survey	UKD-116
1401	1973 Los Angeles International Airport Night Study	USA-082
1402	1976 Heathrow Concorde Noise Survey	UKD-130
1403	1972 Building Research Station London Traffic Noise Survey	UKD-072
1404	USA 24 site Community Noise Survey	USA-102
1408	Rural Village Sound/Noise Survey	UKD-160
1410	Aircraft Noise and the Prevalence of Psychiatric Disorders	UKD-148
1418	French Urban Expressway Noise	FRA-092
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Annoyance Due to Noise and Air Pollution to the Resi-
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16. Abstract Two hundred social surveys of people's responses to environmental noise in residential areas are briefly described. The surveys are indexed by country, noise source and date of survey. The publications and reports about each survey are listed in a bibliography. Recent English translations of fourteen publications are listed separately. Nineteen surveys are listed which are available for secondary analysis from a data archive.					
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