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

JAMES M. FIELDS

AUGUST 1981

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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 Versuchanstalt 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 Wien
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 Gaverbemuseum 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, Mynoke and Cops, 1976
Methods: Fixed format questionnaire.
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 Warmteleiding 
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 Warmteleiding 
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 Warmteleiding
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 Warmteleiding
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.
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
CATALOG (Continued)

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
Valooustics 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, Tillsonburg, 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
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.
Resident 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
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: Nation 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 Edmundston 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 ON 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 4K1
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
Comments: The study was designed to test the effect of housing
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
Miljøministeriet
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
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.
Resident 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
Establissement 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
~'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
Establissement 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
   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
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
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-l 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
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 Aerienne 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.
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
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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: Rohrmann 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. Rohrmann
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
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-Hangelar, Karlsruhe-Forcheim, 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: Rohrman, Finke, and Guski, 1980
Finke, Guski, and Rohrmann, 1980
Methods: Fixed format questionnaire.
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
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D6800 Mannheim 1
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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
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
Planungsbora 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
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.
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. Tadomoto Nimura
Department of Electrical Engineering
Tohoku University
Aobayama Sendai 980
Japan
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
  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 Goths, 1977
      Tamura, 1978
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 Gothe, 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 Gothe, 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-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
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
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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
sound insulation had been installed in houses. Leeuwarden is a military airfield.

Contact: Dr. R.G. de Jong
TNO
Schoemakerstraat 97
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
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.
Contact: Dr. Ronald G. de Jong
TNO Research Institute for Environmental Hygiene
Schoemakerstraat 97
Wijk 8
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
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 locations near airports, or near industries, or near railway tracks)
Sample Size: 345 (228 road traffic, 117 other sources)
Noise Level: Available (5 dB 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.
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.

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

Study Number: SWE-054
Title: Trangslet Sweden Sonic Boom Study
Date: 1971 (June, July)
Major Source: Sonic booms from military aircraft
Location: Sweden: Trangslet
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-adminis­
tered. 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: Kungalv Noise Barrier Study
Date: 1972 and 1975
Major Source: Road traffic, Expressway
Location: Sweden: The Kungalv 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
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
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.
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.
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 S09 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 S09 5NH
England

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.
Residents of area interviewed.
Repeated interviews with four panels of respondents.
Comments: NONE
Contact: Mr. D.R.B. Webb
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
Contact: Mr. David Walters
Dept. Architectural Planning & Urban Studies
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  
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
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
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.
Resident 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.
Resident 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  
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
<table>
<thead>
<tr>
<th>Study Number</th>
<th>Title</th>
<th>Date</th>
<th>Major Source</th>
<th>Location</th>
<th>Sample Size</th>
<th>Noise Level</th>
<th>Reports</th>
<th>Methods</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>UKD-073</td>
<td>1972 Birmingham New Motorway Study</td>
<td>1972, 1973</td>
<td>Motorway noise</td>
<td>U.K.: Bromford Bridge and Firs Estate in Birmingham</td>
<td>363 interviews (189 in first wave, 174 in second wave)</td>
<td>Available</td>
<td>Lawson and Walters, 1973</td>
<td>Interviews were carried out in the same area before and after the motorway was opened.</td>
<td>NONE</td>
</tr>
</tbody>
</table>
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
     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
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 SES 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.
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 S09 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.
Resident 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
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.
Face-to-face interviews.
Cross-sectional study design.

Comments: NONE
Contact: Dr. Aubree McKennell
Social Science Faculty
University of Southampton
Southampton S09 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
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.
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 S09 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, S09 5NH
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, S09 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, S09 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
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.
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.
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.
Resident 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.
Resident 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
Highway Traffic Noise..., 1971 (includes the two preceding references)

Methods: Fixed format questionnaire.
Resident 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)

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)

Methods: Two of the 17 respondents were in business establishments. Only one question was asked of each person.

Contact: Dr. F.D. Hart
Center for Acoustical Studies
Box 5801
North Carolina State University
Raleigh, North Carolina 27607
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 Bernaek 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.
Canego 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.
Resident 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
Leonard, 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
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
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. Residents of area interviewed. Face-to-face interviews. 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

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
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)

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
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
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
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
Noise Level: Predicted as a function of distance, helicopter type and flight frequency but not linked to survey responses in published analyses.
Reports: Broderson 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. Broderson
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
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
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.
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
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 12223

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
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 to 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
CM2H 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
o/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.
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: USR-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.

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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

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<td>London Area Panel Survey</td>
<td>UKD-157</td>
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BIBLIOGRAPHY

This bibliography includes all works referenced in this report. It does not include either secondary analyses of these data or other general publications on noise surveys. The availability of English translations is noted. Entries are arranged by author's last name and within author by date of publication. For standard publications the publisher is referenced. For unpublished reports and theses the best source is usually the person or organization listed under "contact" in the survey catalog entry. The study which each publication describes is referenced by its study number.
FRA-016

DEN-200

JPN-064

USA-095

JPN-190

USA-066

USA-105

USA-039

Translation available as:
SWI-053
FRA-092

FRA-016

UKD-157

Translation Available as:
FRA-063

FRA-063

FRA-041

SWI-158, SWI-133

UKD-111
BIBLIOGRAPHY (Continued)


BIBLIOGRAPHY (Continued)

NET-002

Bitter, C.; and Schwager, K.W.: 1964, Enquete Reacties Bevolking op Vliegtuiglawaai. (6 parts). TNO Research Institute for Environmental Hygiene, Delft, Netherlands. The following translation is most useful when used in conjunction with the full Dutch report because it translates only limited sections and representative table headings:
NET-013

NET-002

CAN-077

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BIBLIOGRAPHY (Continued)


CAN-120


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FRA-189

Translation available as: Reaction of the French Population to the Supersonic Bang, NASA-TM-75487

FRA-045


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USA-172


AUS-014
BIBLIOGRAPHY (Continued)


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BIBLIOGRAPHY (Continued)

CAN-055

USA-022

USA-022, USA-032, USA-044

USA-022, USA-032, USA-044

BEL-122

Data Base of the Results Of...: 1979, Data Base of the Results of a National Household Survey of Noise Exposure. Peat, Marwick and Partners, for Road and Motor Vehicle Traffic Safety Branch of the Dept. of Transport, Canada.
CAN-174

FRA-017

NET-153

GER-035

UKD-024
BIBLIOGRAPHY (Continued)

Directorate of Operational Research and Analysis: 1978a, Aircraft Noise and Sleep Disturbance: Summary of Comments and Suggestions Received After the Preliminary Phase of the Study. DORA Report no. 7817, Civil Aviation Authority, London. UKD-147


BIBLIOGRAPHY (Continued)

CAN-078

CAN-078

USA-032

USA-167

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UKD-086

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U.KD-160
JPN-062
JPN-062
USA-022
USA-022, USA-032
UKD-111
UKD-072
Summary of this work is translated as: Determination of Traffic Noise Nuisance as a Function of Traffic Type and Density in a Heavily Populated Area, NASA TM-75414.
GER-135
CAN-126
CAN-126
USA-047
BIBLIOGRAPHY (Continued)

Holmquist, Anders; Claesson, Torgny; and Tuvegran, Ingela: 1975, Stroningar fran Motorvagen genom Kungalv (Disturbance from the Motorway through Kungalv: Phase II). Lanslakarorganisationen, Goteborgs och Bohus Ian, Sweden. SWE-100


NET-194

NET-193

SWE-025

SWE-026

SWE-011, SWE-015, CN-023

Translation available as:
FRA-016

UKN-199

UKN-132
BIBLIOGRAPHY (Continued)


BIBLIOGRAPHY (Continued)


153


Lambert, R.F.; and Bouchard, T.J.: 1974, Experimental Evaluation of a Freeway Noise Barrier I-35W at Minnehaha Creek, Minneapolis, Minnesota. Project 00-132, Office of Research and Development, Minnesota Dept. of Transportation, St. Paul. USA-069


BIBLIOGRAPHY (Continued)


Lang, Judith: 1976, Zusammenhang zwischen objektiven Messergebnissen und Subjektiv empfundener Storung von Verkehrslarm (Relation Between Objective Experimental Results and Subjective Experienced Annoyance from Traffic Noise). 9th AICB Congress, Budapest. AUS-093


BIBLIOGRAPHY (Continued)

UKD-030

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UKD-130

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BIBLIOGRAPHY (Continued)

UKD-052

UKD-086, UKD-061

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USA-083

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USA-145

USA-155

Translation available as:
JPN-046, JPN-018, JPN-190, JPN-005,

USA-128
BIBLIOGRAPHY (Continued)


Pravica, Petar: 1976, Aircraft Noise Around the Belgrade Airport. Internoise 76, pp. 95-98. YUG-141


BIBLIOGRAPHY (Continued)


Rohrmann, Bernd: 1976, Community Reaction on Non-commercial and Sporting Aviation. Internoise 76, pp. 427-430. GER-114


SWE-035

SWE-108

SWE-054

SWE-035

SWE-142

UKD-161

Sando, F.D.; and Batty, V.: 1975, Road Traffic and the Environment. Social Trends, no. 5, pp. 64-69.
UKD-072

UKD-050

UKD-050

USA-170

USA-170
This publication references several surveys.
CAN-136
CAN-136
JPN-094
JPN-005
USA-102
USA-088
USA-088
Snyder, J.C.: No date, Environmental Data Analysis of Results of a Survey in San Juan, Puerto Rico. Project E-17-615, Georgia Institute of Technology, Atlanta, for the USEPA.
PUR-188
SWE-185
USA-090
BIBLIOGRAPHY (Continued)

USA-166

USA-179

JPN-123

Tamura, A.; and Gotho, S.: 1977, Community Response to Outdoor Noise at the Sites Exposed to Road or Railway Noise. 9th International Congress on Acoustics, Madrid, 4-9 July.
JPN-123

JPN-152, JPN-138, JPN-177, JPN-139, JPN-140

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This publication lists many surveys

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LIST OF SELECTED ENGLISH TRANSLATIONS

Most researchers are probably not yet aware of some of the recent translations in the bibliography which have been supported by NASA. These translations which are now available to the public have been repeated below. Where only parts of a report are translated this is noted.

The translations can be purchased from the U. S. Department of Commerce, National Technical Information Service, 5285 Port Royale Road, Springfield, VA 22161.
SELECTED ENGLISH TRANSLATIONS

Translation available as:
SWI-053

The following translation is most useful when used in conjunction with the full Dutch report because it translates only limited sections and representative table headings:
NET-013

Translation available as:
FRA-045

Translation available as:
FRA-016

Translation available as:
GER-035
SELECTED ENGLISH TRANSLATIONS (Continued)

Summary of this work is translated as:
Determination of Traffic Noise Nuisance as a Function of Traffic Type and Density in a Heavily Populated Area, NASA TM-75414.
GER-135

Translation available as:
SWI-180

Translation available as:
FRA-016

Translation available as:
Aircraft Noise Abatement, NASA TT-F-12,093.
NET-013

La Gene Causee...: 1978, La Gene Causee Par L'Aviation Legere Enquete Effectuee Autour de Quatre Aerodromes de la Region Parisienne. CERPAIR, St.-Cyr-L'Ecole; and ARC, Paris, Feb., 1978.
Translation available as:
FRA-146

Translation available as:
FRA-019
Translation available as:

Translation available as:
Disturbance to the Population due to Flight Operations at Landing Fields. NASA-TM-76531. GER-114

Translation available as:
Annoyance Due to Noise and Air Pollution to the Residents of Heavily Frequented Streets, NASA TM-75496. SWI-158
A CATALOG OF SOCIAL SURVEYS OF RESIDENTS' REACTIONS TO ENVIRONMENTAL NOISE (1943-1980)

James M. Fields

NASA Langley Research Center
Hampton, Virginia 23665

National Aeronautics and Space Administration
Washington, DC 20546


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.

Noise level, Number of events, Human response, Community findings, Trade-off estimate, Community noise survey, Noise index

Unclassified - Unlimited

For sale by the National Technical Information Service, Springfield, Virginia 22161