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Crime, Fear, and Control in
Neighborhood Commercial Centers:
Minneapolis and St. Paul, 1970-1982

Marlys McPherson, Glenn Silloway,
and David Frey

ICPSR 8167

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Crime, Fear, and Control in Neighborhood
Commercial Centers: Minneapolis and
St. Paul, 1970-1982

(ICPSR 8167)

Principal Investigator

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Minnesota Crime Prevention Center, Inc.

U.S. Department of Justice
National Institute of Justice

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McPherson, Marlys, Glenn Silloway, and David Frey.

CRIME, FEAR, AND CONTROL IN NEIGHBORHOOD COMMERCIAL CENTERS:
MINNEAPOLIS AND ST. PAUL, 1970-1982 (ICPSR 8167)

SUMMARY: The major objective of this study was to examine how both commercial and residential characteristics contribute to crime and how these affect reactions to crime in mixed commercial-residential settings. The variables measured were designed to investigate how physical characteristics of commercial centers and demographic characteristics of residential areas interact with crime. The physical characteristics include type of businesses, store hours, arrangement of buildings, and defensive modifications in the area. The demographic variables include racial composition, average household size and income, and percent change of occupancy. The crime data include six types of crime: robbery, burglary, assault, rape, personal theft, and shoplifting. CLASS IV

UNIVERSE: All commercial and residential areas in Minneapolis and St. Paul.

SAMPLING: Sampling was based on three criteria: percent minority change from 1970 to 1980, an observational measure of disorder in each commercial center, and person crime rates for the entire commercial and residential area.

EXTENT OF COLLECTION: 5 data files
DATA FORMAT: Card Image

PART 1: Commercial/Residential Data
FILE STRUCTURE: rectangular
CASES: 93
VARIABLES: 150
RECORD LENGTH: 80
RECORDS PER CASE: 7

PART 2: Area Data
FILE STRUCTURE: rectangular
CASES: 24
VARIABLES: 183
RECORD LENGTH: 80
RECORDS PER CASE: 9

PART 3: Telephone Survey Data
FILE STRUCTURE: rectangular
CASES: 870
VARIABLES: 136
RECORD LENGTH: 80
RECORDS PER CASE: 4

PART 4: Interview Data
FILE STRUCTURE: rectangular
CASES: 213
VARIABLES: 138
RECORD LENGTH: 80
RECORDS PER CASE: 7

PART 5: Pedestrian Activity Data
FILE STRUCTURE: rectangular
CASES: 7110
VARIABLES: 11
RECORD LENGTH: 80
RECORDS PER CASE: 1

8167
SEP 04 1986

ABSTRACT

1. Bibliographic citation:

Title:

Crime, Fear, and Control in Neighborhood
Commercial Center

Principal Investigator(s):

Marlys McPherson
Minnesota Crime Prevention Center, Inc.
720 Washington Ave., S.E.
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Producer:

Minnesota Crime Prevention Center, Inc.
720 Washington Ave., S.E.
Suit 202
Minneapolis, MN 55414

Date of Production:

July, 1983

2. Methodology:

Source of Information:

During the first stage of the study, a walk-through survey of each of 93 commercial centers was conducted to collect data concerning their physical characteristics. Additional information collected for each center includes crime data obtained from the Minneapolis and St. Paul police department, demographic data obtained from the Minneapolis and St. Paul city assessors offices, R. L. Polk and Company, and U. S. census reports. In addition to re-collecting the information about physical characteristics of commercial centers, and using the crime and demographic data obtained from Stage I, three other data collection instruments employed for Stage II include resident survey, business person interviews, and use-pattern observations of pedestrian activities in commercial centers.

Chronological Coverage:

1970 to 1982.

Type of Sample:

The first stage of the research included a sample of 93 commercial centers. Each center contained an average of about 20 stores and was surrounded by the residential neighborhood within a radius of approximately .3 mile. In the second phase of the research, 24 commercial centers were selected from the original

sample based on three criteria: percent minority change from 1970 to 1980, an observational measure of disorder in each commercial center, and personal crime rates for the entire commercial/residential area. The 24 selected areas were chosen to represent adequate variation on these three variables. A telephone survey of 870 residents, in-person interviews of 213 business persons, and use-pattern observations of each commercial center were conducted for the 24 selected areas.

3. Summary of Contents:

Purpose or Scope of the Study:

The major objective of this two-stage study conducted in Minneapolis and St. Paul was to examine how both commercial and residential characteristics contribute to crime and how these affect reactions to crime in mixed commercial-residential settings.

Special Characteristics of the Study:

The first stage of the research focused on the linkages between commercial land use and crime in small residential areas within an urban setting. The second stage of the study was extended to include the linkages in a heuristic model that connects commercial and residential characteristics to reactions to crime through intervening variables which were collected from interviews and field observations. These intervening variables include territoriality, identification and satisfaction with the neighborhood, use patterns, perceived problems, and individuals' personal characteristics.

Subject Matter:

The variables measured were designed to investigate how physical characteristics of commercial centers and demographic characteristics of residential areas interact with crime. The physical characteristics included type of businesses, store hours, arrangement of buildings, defensive modifications in the area, descriptions of the residential area contiguous to the commercial center and signs of disorder such as graffiti and business vacancies. The demographic variables included number of residential dwelling units and multi-family units, racial composition, average household size and income, and percent change in occupancy, etc. The crime data included six types of crime: robbery, burglary, assault, rape, personal theft and shoplifting. Each type of crime contained 3 subcategories and each subcategory represented the number of crime in three concentric rings around the center. Each ring was approximately .1 mile wide. Variables included in the survey and interview measured personal commitment to the neighborhood, perceptions about the nearby commercial center, victimization experiences, fear of crime and security precautions taken by the respondents. Variables included in the field observations examined group size, sex, race, life stage, primary activity and business use of pedestrians.

Number of Variables, Observations, and Records:

There are five data files in the data set. The first file contains 150 variables describing physical and demographic characteristics of 93 commercial/ residential neighborhoods with 7 records per case. The second file includes area-level variables from Stage I and some other new variables obtained during Stage II. In this file, each of the 24 selected centers has 183 variables and 9 records per case. The third file contains 136 variables acquired from the telephone survey of 870 cases, with 4 records per case. The fourth file includes 138 variables describing coded results from the interviews of 213 business persons and has 7 records per subject. The fifth file contains data from use-pattern observations of pedestrian activities in each of the 24 centers and has 11 variables with one record per case of observation. The field observation produced a total of 7096 cases.

Geographic Coverage: Minneapolis and St. Paul, Minnesota.

4. Technical Notes:

File Structures:

Each of the five raw data files is rectangularly structured and data are stored in character-numeric, fixed formats. The first file contains data collected in Stage I. The data residing in files 2 to 5 were collected during Stage II.

Special Formats:

Each of the five data files has a logical record length of 80 and a blocksize of 7200.

Computer or Software Dependence: None

5. Terms of Availability:

Condition of Data:

Frequency distributions of the variables have been examined and all known problems with the data have been corrected.

Restrictions of Access: None

Contact Person or Organization:

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Minnesota Crime Prevention Center, Inc.
720 Washington Ave., S.E.
Suit 202
Minneapolis, MN 55414

6. Cited References:

McPherson, Marlys, Glenn Silloway and David L. Frey

1983 Crime, Fear, and Control in Neighborhood Commercial
Centers, an Executive Summary to the National
Institute of Justice, Unpublished.

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MASTER FILE, CODEBOOK (Stage I)

SEP 04 1986

Card 1

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
NBHDCODE2	Commercial/Residential Study Area code	As Assigned	1 - 4
CARDNO1	Card Number		
WHSLEIND 500	Wholesale/Industrial	0 to 9	5 - 6
HDWRE 520	hardware, building supplies, nurseries	0 to 9	7 - 8
BUSSPLES 521	Business supplies	0 to 9	9 - 10
DEPTSTRE 531	Department, variety, general merchandise store	0 to 9	11 - 12
GROCERY 541	Grocery stores, general	0 to 9	13 - 14
SPFDSTRE 542	Specialty foods stores; butcher, health, candy	0 to 9	15 - 16
CONGRO 545	Convenience grocery	0 to 9	17 - 18
BAKERY 546	Bakery	0 to 9	19 - 20
CARDLKS 551	Car dealers, new (inc. trucks, mobile homes, RV's), rentals	0 to 9	21 - 22
UCARDLKS 552	Used car dealers	0 to 9	23 - 24
AUTOSPST 553	Auto supply stores	0 to 9	25 - 26
SRVCEST 554	Gasoline service stations, repair	0 to 9	27 - 28
MTRCYCLE 555	Motorcycles	0 to 9	29 - 30
CLTHGSTR 560	Clothing stores, general	0 to 9	31 - 32
BOUTIQUE 563	Boutiques, specialty stores	0 to 9	33 - 34
SPHSTRE 570	Specialty household goods	0 to 9	35 - 36
FNTRESTR 571	Furniture, carpet, home accessories, appliance stores	0 to 9	37 - 38
ANTIQUE 572	Antique shops	0 to 9	39 - 40

MASTER FILE CODEBOOK
Card 1, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
ARTGLRY 573	Fine arts for sale; art gallery, studio	0 to 9	41 - 42
RESTRNTS 580	Restaurants	0 to 9	43 - 44
BARS 581	Bars, night clubs (drinking places)	0 to 9	45 - 46
CHANKEST 582	Chain restaurants (fast foods)	0 to 9	47 - 48
OUTREST 583	Take-out restaurants	0 to 9	49 - 50
DRUGSTRE 591	Drug stores	0 to 9	51 - 52
LIQUORST 592	Liquor stores	0 to 9	53 - 54
UMRCHDSL 593	Used merchandise/thrift stores, etc.	0 to 9	55 - 56
MSCRETL 594	Miscellaneous retail: gifts, hobbies, sports, etc.	0 to 9	57 - 58
JEWLRY 595	Jewelry	0 to 9	59 - 60
SPRTGOOD 596	Sporting goods	0 to 9	61 - 62
MSCPEKBL 599	Miscellaneous: florist, tobacconist, news, etc.	0 to 9	63 - 64
BANKS 600	Banks, savings and loans, investment services	0 to 9	65 - 66
FINCLCO 610	Finance companies	0 to 9	67 - 68
PAWNSHP 616	Loan brokers (pawn shops)	0 to 9	69 - 70
INSRNCE 640	Insurance agencies	0 to 9	71 - 72
REALLSTE 650	Real estate offices	0 to 9	73 - 74
	<u>CARD 2</u> Area code		1 - 4
OTHRFINC 699	Other financial services	0 to 9	5 - 6
MOTELS 700	Hotels, motels	0 to 9	7 - 8
ROOMHSE 701	Rooming houses	0 to 9	9 - 10
GENPKRSR 720	General personal services: photography, funeral, diaper service	0 to 9	11 - 12

MASTER FILE CODEBOOK
 Card 2, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
LAUNDRY 721	Laundries, coin-operated	0 to 9	13 - 14
DRYCLNK 722	Dry cleaners	0 to 9	15 - 16
BTYBARSP 723	Beauty or barber shops	0 to 9	17 - 18
SEXBUS 724	Sex businesses: saunas, massage/"rap" parlors, X-rated theaters	0 to 9	19 - 20
CONTRACT 730	Contractual business services: consulting, security, etc.	0 to 9	21 - 22
DUPLI 733	Duplicating, printing	0 to 9	23 - 24
TEMPMAN 736	Temporary manpower	0 to 9	25 - 26
AUTOKPR 753	Auto repair, tires	0 to 9	27 - 28
MINORRPR 760	Minor repair shops: shoes, T.V., appliances, plumbing, etc.	0 to 9	29 - 30
HMECONT 765	home contractor services	0 to 9	31 - 32
MOVETHTR 780	Movie theaters, movie-related business	0 to 9	33 - 34
AMUSMNTS 790	Amusements, general enter- tainment	0 to 9	35 - 36
BWLING 792	Bowling	0 to 9	37 - 38
POOL 793	Billiards and pool	0 to 9	39 - 40
THTRE 794	Theater, performing arts	0 to 9	41 - 42
OTRCMRCE 799	Other commercial services	0 to 9	43 - 44
PROFOFF 800	Professional offices: doctors, dentists, lawyers, etc.	0 to 9	45 - 46
PUBSHL 821	Public schools	0 to 9	47 - 48
COLLEG 822	Colleges	0 to 9	49 - 50
LIBRARY 823	Libraries	0 to 9	51 - 52
BUSSHL 824	Business schools, vocational- technical schools	0 to 9	53 - 54

MASTER FILE CODEBOOK
 Card 2, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
SOCSEB 830	Social services: day-care, half-way, etc.	0 to 9	55 - 56
PROFORG 860	Professional, trade, business organizations	0 to 9	57 - 58
RELOGR 861	Religious organizations, churches (orthodox)	0 to 9	59 - 60
STFRNTCH 862	Store-front churches, religious groups	0 to 9	61 - 62
FRTRNLOGR 863	Fraternal organizations	0 to 9	63 - 64
GOVTOFF 910	Government offices	0 to 9	65 - 66
POLICE 926	Police, public safety, fire	0 to 9	67 - 68
OTHRPROF 999	Other professional services	0 to 9	69 - 70
VACANT 100	Vacant - for rent	0 to 9	71 - 72
REHAB 101	building rehabilitation in progress	0 to 9	73 - 74
BOARDUP 102	Vacant - Boarded up	0 to 9	75 - 76
OBSRCODE	Observer code Dave - 1 Glenn - 2 Earl - 3 Marlys - 4 Missing = 0, 5-9		77 - 78

MASTER FILE CODEBOOK

Card 3

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location (column)</u>
NBHLCODE2	Commercial/Residential Study Area	As assigned	1 - 4
CARDNO2	Card number 2		
TOTLBSN	Count of businesses in each commercial area	0 to 999	5 - 7
BSNHRS0	Business hours: closing time of business. Count within categories: 0 = daytime to 6 p.m. 1 = to 10 p.m. 2 = after 10 p.m. 9 = unknown	0 to 99	8 - 9
BSNHRS1		0 to 99	10 - 11
BSNHRS2		0 to 99	12 - 13
BSNHRS9		0 to 99	14 - 15
PARKING	Count of offstreet parking spaces in commercial area	0 to 999	16 - 18
GRAFFITI	Count of businesses with graffiti in commercial area	0 to 99	19 - 20
EXTREHAB	Count of storefronts in commercial area showing recent rehabilitation	0 to 99	21 - 22
LITTER	Count of businesses in commercial area with significant amount of litter	0 to 99	23 - 24
BARRIER	Count of businesses in commercial area with visible access barrier	0 to 99	25 - 26
ALAMSTYM	Count of businesses in area with burglar alarms visible	0 to 99	27 - 28
OTHWARNS	Count of other warning stickers on businesses in commercial area	0 to 9	29 - 30
OTHER	Count of all other defensive modifications in commercial area, not otherwise classified	0 to 9	31 - 32
TTLDMOD	Count of total defensive modifications in area	0 to 99	33 - 34

MASTER FILE CODEBOOK
Card 3, continued

<u>Variable</u> <u>Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u> <u>(column)</u>
LAYOUT	Description of street layout of commercial area	1 = 4-corner node 2 = strip node 3 = strip segment 4 = split or scattered development 5 = other 0,6-9 = missing	35 - 36
SFDWELL	Count of number of single-family dwelling units within commercial area	0 to 99	37 - 38
MULFDWEL	Count of multi-family dwellings (including duplexes) within commercial area	0 to 99	39 - 40
APTOVRBS	Count of businesses in commercial area with apartment units over store	0 to 99	41 - 42
ARRESTYP	Description of the predominant residential type contiguous to the commercial area	1 = GE 75% single family 2 = GE 75% multi- 3 = mixed 0,4-9 = missing	43 - 44
CURREHAB	Count of businesses in commercial area currently being rehabbed	0 to 9	45 - 46
NEWCONST	Count of current new commercial construction in area	0 to 9	47 - 48
ECONKATE	Economic vitality rating summary index	1 = definite and rapid economic growth 2 = probable economic growth 3 = economically stable 4 = probable decline 5 = definitely declining 0,6-9 = missing	49 - 50
PHYBAKS	Presence or absence of physical barriers between residential and commercial area	0 = no barriers 1 = barriers present 2-9 = missing blank = missing	51 - 52

MASTER FILE CODEBOOK

Card 3, continued

<u>Variable</u> <u>Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u> <u>(column)</u>
MNINNODE	Length of time spent by observer in area in minutes	0 to 99	53 - 54
TIMESTOP	Count of number of times observer stopped while in area	0 to 9	55 - 56
BLDRATE1	Counts of buildings in commercial area with given condition ratings: 1 = above average condition 2 = average 3 = below average	0 to 99	57 - 58
BLDRATE2		0 to 99	59 - 60
BLDRATE3		0 to 99	61 - 62
KATNGAVG	Average building condition rating in commercial area	0 to 9.99	63 - 65(2)
TRAFVOL	Average daily two-way traffic flow on major artery in commercial area, vehicle counts	0 to 99999	66 - 70
DISTCBD	Airline distance in miles from commercial area center to downtown center	0 to 9.99	71 - 73(2)
DSTRGCTR	Airline distance in miles to nearest major retail cluster from center of commercial area	0 to 9.99	74 - 76(2)
DISTFRWY	Euclidean (road level) distance from center of area to nearest freeway entrance, in miles	0 to 9.99	77 - 79(2)

MASTER FILE CODEBOOK

Card 4

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
NBHDCODE2	Commercial/Residential Study Area	As assigned	1 - 4
CARDNO3	Card number		
COMCHANGE	Estimated percent of occupied commercial units with change of occupants, 1976-1978 (Polk data)	0 - 99.99	5 - 8(2)
COMVAC78	Estimated percent of commercial units vacant, 1978 (Polk)	0 - 99.99	9 - 12(2)
HSEHOLDS	Estimated count of households in each area, 1978 (Polk)	0 - 9999	13 - 16
HHSIZE	Estimated average size of households in each area, 1978 (Polk)	0 - 9.99	17 - 19(2)
HHINCOME	Estimate average household income in each area, 1978 (Polk)	0 - 99999	20 - 24
RETIRED	Estimated percent retired heads of households in each area, 1978 (Polk)	0 - 99.99	25 - 28(2)
OWNPKCNT	Estimated percent of dwellings owner occupied, 1978 (Polk)	0 - 99.99	29 - 32(2)
MULTI	Estimated percent of dwellings in multi-family units, 1978 (Polk)	0 - 99.99	33 - 36 (2)
CHANGE	Estimated percent of occupied housing units with change of occupants, 1976-1978 (Polk)	0 - 99.99	37 - 40(2)
VACANT	Estimated percent of housing units vacant, 1978 (Polk)	0 - 99.9	41 - 43(1)
TOTPOP80	Total area population count, 1980 (census)	0 - 9999	44 - 47

MASTER FILE CODEBOOK
 Card 4, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
WHITE80	Total white population in each area, 1980 (census)	0 - 9999	48 - 51
BLACK80	Total black population in each area, 1980 (census)	0 - 9999	52 - 55
INDIAN80	Total American Indian population in each area, 1980 (census)	0 - 9999	56 - 59 --
ASIAN80	Total Asian population in each area, 1980 (census)	0 - 9999	60 - 63
SPANISH80	Total Spanish population in each area, 1980 (census)	0 - 9999	64 - 67
OTHER80	Total all other racial/ethnic groups in each area, 1980 (census)	0 - 9999	68 - 71

MASTER FILE CODEBOOK

Card 5

The data contained on Card 4 was obtained on tape from the Minneapolis and St. Paul Assessor's offices.

<u>Variable Name</u>	<u>Description</u>	<u>Location</u>
NBHD CODE 2	Commercial/Residential Study Area Code	1 - 4
CARDNO4	Card Number	
TOTUNITS	Total residential and commercial units in area	5 - 6
RESUNITS	Total residential units in area	9 - 12
MULUNITS	Total multi-family units (two or more units) in area	13 - 16
HMSUNITS	Total single-family, owner-occupied units (homesteaded) in area	17 - 20
CONUNITS	Total Assessor's tax units for commercial use in area	21 - 24
TOTALVAL	Total housing values for single-family, owner-occupied units, for each area	25 - 33
TOTALAGE	Total years units classified as single-family, owner-occupied, for each area	34 - 42

MASTER FILE CODEBOOK

CARD 5

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
NBHD CODE	Commercial/Residential Study Area	As Assigned	
TOTPOP70	Total population in each area, 1970 (census)	0 to 999999	43 - 48
WHITE70	Total white population in each area, 1970 (census)	0 to 999999	49 - 54
BLACK70	Total black population in each area, 1970 (census)	0 to 9999	55 - 58
OTHER70	Total all other racial/ethnic groups in each area, 1970 (census)	0 to 9999	59 - 62
HVALUE	Mean housing value for each area, 1970 (census)	0 to 999999	63 - 68
BUS77	Total businesses (1977) within the address range for each commercial centroid (Polk Reverse Directory)	0 to 999	69 - 71
BUS79	Total businesses (1979) within the address range for each commercial centroid (Polk Reverse Directory)	0 to 999	72 - 74
TRNOVER	Total net change in businesses (1977-1979) within the address range for each commercial centroid (Polk Reverse Directory)	0 to 999	75 - 77

MASTER FILE CODEBOOK

CARD 6-7

The crime data for Minneapolis and St. Paul were entered in the computer using the following format: first the commercial/residential study area code was assigned; then a specific crime type was identified and the number of incidents was totalled; next, a subfile was computed for each total showing the number of crimes in the first, second, and third successive rings from the center of the commercial area. Each crime and its accompanying subfiles were placed on separate cards. For St. Paul, the crime data covered calendar year 1980; for Minneapolis, the period was August 1980 through July 1981.

<u>Variable Name</u>	<u>Description</u>	<u>CARD 6</u>	<u>Location</u>
NBHDCODE	Commercial/Residential Study Area code (preceded each crime type)		1 - 4
COMROBB	Total reported robberies within each area's boundaries, including a subtotal for each of three successive concentric rings		5 - 7 8 - 10 11 - 13 14 - 16 (Total)
COMBURG	Total reported burglaries within each area's boundaries, including a subtotal for each of three successive concentric rings		17 - 19 20 - 22 23 - 25 26 - 28 (Total)
SSROBB	Total reported service station robberies within each area's boundaries, including a subtotal for each of three successive concentric rings		29 - 31 32 - 34 35 - 37 38 - 40 (Total)
CSROBB	Total reported convenience store robberies within each area's boundaries, including a subtotal for each of three successive concentric rings		41 - 43 44 - 46 47 - 49 50 - 52 (Total)
BNKROBB	Total reported bank robberies within each area's boundaries, including a subtotal for each of three successive concentric rings		53 - 55 56 - 58 59 - 61 62 - 64 (Total)
PERSROBB	Total reported personal robberies within each area's boundaries, including a subtotal for each of three successive concentric rings	<u>CARD 7</u> Area code	1 - 4 5 - 7 8 - 10 11 - 13 14 - 16 (Total)

MASTER FILE CODEBOOK
 Cards 6-7 , continued

<u>Variable Name</u>	<u>Description</u>	<u>Location</u>
ASSAULT	Total reported assaults within each area's boundaries, including a subtotal for each of three successive concentric rings	17 - 19 20 - 22 23 - 25 26 - 28 (Total)
RAPE	Total reported rapes within each area's boundaries, including a subtotal for each of three successive concentric rings	29 - 31 32 - 34 35 - 37 38 - 40 (Total)
PKSTHEFT	Total reported incidents of personal theft within each area's boundaries, including a subtotal for each of three successive concentric rings	41 - 43 44 - 46 47 - 49 50 - 52 (Total)
SHPLFT	Total reported incidents of shop-lifting within each area's boundaries, including a subtotal for each of three successive concentric rings	53 - 55 56 - 58 59 - 61 62 - 64 (Total)

24 Areas File , Codebook (Satge II)

Card 1

<u>Variable Names</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
AREA	Study area code	As assigned	1-5
TYPE1	Record type	1	6
VACRENT	Count of businesses vacant for rent (1981)	0 to 9	7
REHAB	Count of vacant businesses showing rehabilitation	0 to 9	8
BOARDUP	Count of businesses boarded up	0 to 9	9

Card 1, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location (column)</u>
NEEDCODE 2	Commercial/Residential Study Area	As assigned	
TOTLBSN	Count of businesses in each commercial area	0 to 999	10-12
BSNHR50	Business hours: closing time of business. Count within categories: 0 = daytime to 6 p.m. 1 = to 10 p.m. 2 = after 10 p.m. 9 = unknown	0 to 99	13-14
BSNHR51		0 to 99	15-16
BSNHR52		0 to 99	17-18
BSNHR59		0 to 99	19-20
PARKING	Count of offstreet parking spaces in commercial area	0 to 999	21-23
GRAFFITI	Count of businesses with graffiti in commercial area	0 to 99	24-25
EXTREHAB	Count of storefronts in commercial area showing recent rehabilitation	0 to 99	
LITTER	Count of businesses in commercial area with significant amount of litter	0 to 99	26-27
BARRIER	Count of businesses in commercial area with visible access barrier	0 to 99	28-29
ALAMSTYM	Count of businesses in area with burglar alarms visible	0 to 99	30-31
OTHWARNS	Count of other warning stickers on businesses in commercial area	0 to 9	32
OTHER	Count of all other defensive modifications in commercial area, not otherwise classified	0 to 9	33
TTLDMOD	Count of total defensive modifications in area	0 to 99	34-35

Card 1, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location (column)</u>
LAYOUT	Description of street layout of commercial area	1 = 4-corner node 2 = strip node 3 = strip segment 4 = split or scattered development 5 = other 0,6-9 = missing	36
SFDWELL	Count of number of single-family dwelling units within commercial area	0 to 99	37 - 38
MULFDWEL	Count of multi-family dwellings (including duplexes) within commercial area	0 to 99	39 - 40
APTOVRBS	Count of businesses in commercial area with apartment units over store	0 to 99	41 - 42
ANRESTYP	Description of the predominant residential type contiguous to the commercial area	1 = GE 75% single family 2 = GE 75% multi 3 = mixed 0,4-9 = missing	
CURREHAB	Count of businesses in commercial area currently being rehabbed	0 to 9	
NEWCONST	Count of current new commercial construction in area	0 to 9	
ECONKATE	Economic vitality rating summary index	1 = definite and rapid economic growth 2 = probable economic growth 3 = economically stable 4 = probable decline 5 = definitely declining 0,6-9 = missing	43
PHYBARS	Presence or absence of physical barriers between residential and commercial area	0 = no barriers 1 = barriers present 2-9 = missing blank = missing	

Card 1, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location (column)</u>
MINNODE	length of time spent by observer in area in minutes	0 to 99	
TINESTOP	Count of number of times observer stopped while in area	0 to 9	
BLDRATE1	Counts of buildings in commercial area with given condition ratings:	0 to 99	44-45
BLDRATE2		0 to 99	46-47
BLDRATE3		0 to 99	48-49
	1 = above average condition		
	2 = average		
	3 = below average		
RATNGAVG	average building condition rating in commercial area	0 to 9.99	
TRAFVOL	Average daily two-way traffic flow on major artery in commercial area, vehicle counts	0 to 99999	50-54
LISTCBD	Airline distance in miles from commercial area center to downtown center	0 to 9.99	55-57(2)
DSTRGCTR	airline distance in miles to nearest major retail cluster from center of commercial area	0 to 9.99	
DISTFRWY	Euclidean (road level) distance from center of area to nearest freeway entrance, in miles	0 to 9.99	58-60(2)

Card 1 & 2

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
NSHDGOLF2	Commercial/Residential Study Area	As assigned	
GARDNO3	Card number		
COMCLANGL	Estimated percent of occupied commercial units with change of occupants, 1976-1978 (Polk data)	0 - 99.99	
COMVAC78	Estimated percent of commercial units vacant, 1978 (Polk)	0 - 99.99	
HSEHOLDS	Estimated count of households in each area, 1978 (Polk)	0 - 9999	
HHSIZE	Estimated average size of households in each area, 1978 (Polk)	0 - 9.99	61-63(2)
HHINCOME	Estimate average household income in each area, 1978 (Polk)	0 - 99999	64-68
RETIRED	Estimated percent retired heads of households in each area, 1978 (Polk)	0 - 99.99	69-72(2)
OWNPRCNT	Estimated percent of dwellings owner occupied, 1978 (Polk)	0 - 99.99	73-76(2)
MULTI	Estimated percent of dwellings in multi-family units, 1978 (Polk)	0 - 99.99	
CHANGE	Estimated percent of occupied housing units with change of occupants, 1976-1978 (Polk)	0 - 99.99	
VACANT	Estimated percent of housing units vacant, 1978 (Polk)	0 - 99.9	
<u>CARD 2</u>			
TOTPOP80	Total area population count, 1980 (census)	0 - 9999	1 - 4

Card ², continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
WHITE80	Total white population in each area, 1980 (census)	0 - 9999	5 - 8
BLACK80	Total black population in each area, 1980 (census)	0 - 9999	9 -12
INDIAN80	Total American Indian popu- lation in each area, 1980 (census)	0 - 9999	13-16
ASIAN80	Total Asian population in each area, 1980 (census)	0 - 9999	17-20
SPANISH80	Total Spanish population in each area, 1980 (census)	0 - 9999	21-24
OTHER80	Total all other racial/ ethnic groups in each area, 1980 (census)	0 - 9999	25-28

Card 2, continued

The data contained on Card 4 was obtained on tape from the Minneapolis and St. Paul Assessor's offices.

<u>Variable</u> <u>Name</u>	<u>Description</u>	<u>Location</u>
WBADCODE 7	Commercial/Residential Study Area Code	
CARDNO 4	Card number	
TOTUNITS	Total residential and commercial units in area	29-32
RESUNITS	Total residential units in area	33-36
MULUNITS	Total multi-family units (two or more units) in area	37-40
HMSUNITS	Total single-family, owner- occupied units (homesteaded) in area	41-44
COMMUNITS	Total Assessor's tax units for commercial use in area	
TOTALVAL	Total housing values for single-family, owner-occupied units, for each area	45-53
TOTALAGE	Total years units classified as single-family, owner- occupied, for each area	54-59

CARD 2 & 3

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
NDIBCODE	Commercial/Residential Study Area	As Assigned	
TOTPOP70	Total population in each area, 1970 (census)	0 to 999999	60-63
WHITE70	Total white population in each area, 1970 (census)	0 to 999999	64-67
BLACK70	Total black population in each area, 1970 (census)	0 to 9999	68-71
OTHER70	Total all other racial/ethnic groups in each area, 1970 (census)	0 to 9999	72-75
nVALUE	Mean housing value for each area, 1970 (census)	0 to 999999	1 - 9
BUS77	Total businesses (1977) within the address range for each commercial centroid (Polk Reverse Directory)	0 to 999	10-12
BUS79	Total businesses (1979) within the address range for each commercial centroid (Polk Reverse Directory)	0 to 999	13-15
TRNOVER	Total net change in businesses (1977-1979) within the address range for each commercial centroid (Polk Reverse Directory)	0 to 999	16-18

CARD 3 & 4

The crime data for Minneapolis and St. Paul were entered in the computer using the following format: first the commercial/residential study area code was assigned; then a specific crime type was identified and the number of incidents was totalled; next, a subfile was computed for each total showing the number of crimes in the first, second, and third successive rings from the center of the commercial area. Each crime and its accompanying subfiles were placed on separate cards. For St. Paul, the crime data covered calendar year 1980; for Minneapolis, the period was August 1980 through July 1981.

<u>Variable Name</u>	<u>Description</u>	<u>Location</u>
COMBURG	Total reported burglaries	19-22
		23-26
		27-30
		31-35 (Total)
COMROBB	Total reported robberies within each area's boundaries, including a subtotal for each of three successive concentric rings	36-39
		40-43
		44-47
		48-52 (Total)
COMBURG	Total reported burglaries within each area's boundaries, including a subtotal for each of three successive concentric rings	
SSRObb	Total reported service station robberies within each area's boundaries, including a subtotal for each of three successive concentric rings	53-56
		57-60
		61-64
		65-69 (Total)
<u>CARD 4</u>		
CSROBB	Total reported convenience store robberies within each area's boundaries, including a subtotal for each of three successive concentric rings	1 - 4
		5 - 8
		9 -12
		13-17 (Total)
BNAROBb	Total reported bank robberies within each area's boundaries, including a subtotal for each of three successive concentric rings	18-21
		22-25
		26-29
		30-34 (Total)
MSCROB	Total reported miscellaneous robberies	35-38
PERSROBB	Total reported personal robberies within each area's boundaries, including a sub-total for each of three successive concentric rings	39-42
		43-46
		47-51 (Total)
		52-55
		56-59
		60-63
		64-68 (Total)

CARD 5

<u>Variable Name</u>	<u>Description</u>	<u>Location</u>
ASSLT	Total reported assaults within each area's boundaries, including a subtotal for each of three successive concentric rings	1 - 4 5 - 8 9 -12 13-17 (Total)
KAPE	Total reported rapes within each area's boundaries, including a subtotal for each of three successive concentric rings	18-21 22-25 26-29 30-34 (Total)
PKSTHEFT	Total reported incidents of personal theft within each area's boundaries, including a subtotal for each of three successive concentric rings	35-38 39-42 43-46 47-51 (Total)
SHPLFT	Total reported incidents of shop-lifting within each area's boundaries, including a subtotal for each of three successive concentric rings	52-55 56-59 60-63 64-68 (Total)

CARD 6

<u>Variable Name</u>	<u>Description</u>	<u>Location</u>
HMSPROP	Proportion of single-family, owner-occupied dwelling units in area	1 - 5(3)
AGVVAL80	Average housing values for single-family, owner-occupied units for each area	6-14
AGE	Average housing age classified as single-family, owner-occupied, for each area	15-18(2)
FUNCTION	Number of distinct businesses functions in area	19-21
MINCHG	Percentage change of minority population from 1970 to 1980	22-26(3)
DISORDER	Number of businesses with graffiti, litter and in vacancy	27-29

Card 7

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
NBHD CODM	Commercial/Residential Study Area code	As Assigned	1 - 4
CARDJNO	Card Number 1	1	5
WHSLEIND	Wholesale/Industrial	0 to 9	6
HDWRE	hardware, building supplies, nurseries	0 to 9	7
BUSSPLES	Business supplies	0 to 9	8
DEPTSTRE	Department, variety, general merchandise store	0 to 9	9
GROCERY	Grocery stores, general	0 to 9	10
SPFDSTRE	Specialty foods stores; butcher, health, candy	0 to 9	11
CONGRO	Convenience grocery	0 to 9	12
BAKERY	Bakery	0 to 9	13
CARDLKS	Car dealers, new (inc. trucks, mobile homes, RV's), rentals	0 to 9	14
UCARDLKS	Used car dealers	0 to 9	15
AUTOSPST	Auto supply stores	0 to 9	16
SRVCEST	Gasoline service stations, repair	0 to 9	17
MTRCYCLE	Motorcycles	0 to 9	18
CLTHGSTR	Clothing stores, general	0 to 9	19
BOUTIQUE	Boutiques, specialty stores	0 to 9	20
SPHSTRE	Specialty household goods	0 to 9	21
FNTRESTR	Furniture, carpet, home accessories, appliance stores	0 to 9	22
ANTIQU	Antique shops	0 to 9	23

Card 7, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
ARTGLRY	Fine arts for sale; art gallery, studio	0 to 9	24
RESTRNTS	Restaurants	0 to 9	25
BARS 581	Bars, night clubs (drinking places)	0 to 9	26
CHANREST	Chain restaurants (fast foods)	0 to 9	27
OUTREST	Take-out restaurants	0 to 9	28
DRUGSTRE	Drug stores	0 to 9	29
LIQUORST	Liquor stores	0 to 9	30
UMRCHDSE	Used merchandise/thrift stores, etc.	0 to 9	31
MSCRETL	Miscellaneous retail: gifts, hobbies, sports, etc.	0 to 9	32
JEWLRY	Jewelry	0 to 9	33
SPRTGOOD	Sporting goods	0 to 9	34
MSCPBRBL	Miscellaneous: florist, tobacconist, news, etc.	0 to 9	35
BANKS	Banks, savings and loans, investment services	0 to 9	36
FINCECO	Finance companies	0 to 9	37
PAWNSHP	Loan brokers (pawn shops)	0 to 9	38
INSRNC	Insurance agencies	0 to 9	39
REALESTE	Real estate offices	0 to 9	40
OTHRFINC	Other financial services	0 to 9	41
HOTELS	Hotels, motels	0 to 9	42
ROOMHSE	Rooming houses	0 to 9	43
GENPERSR	General personal services: photography, funeral, diaper service	0 to 9	44

Card 7, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
LAUNDRY	Laundries, coin-operated	0 to 9	45
DRYCLNK	Dry cleaners	0 to 9	46
BTYBARSP	Beauty or barber shops	0 to 9	47
SEXBUS	Sex businesses: saunas, massage/"rap" parlors, X-rated theaters	0 to 9	48
CONTRACT	Contractual business services: consulting, security, etc.	0 to 9	49
DUPLI	Duplicating, printing	0 to 9	50
TEMPMAN	Temporary manpower	0 to 9	51
AUTORPR	Auto repair, tires	0 to 9	52
MINORRPR	Minor repair shops: shoes, T.V., appliances, plumbing, etc.	0 to 9	53
HMECONT	home contractor services	0 to 9	54
MOVETHTR	Movie theaters, movie-related business	0 to 9	55
ANUSMNTS	Amusements, general enter- tainment	0 to 9	56
BWLING	Bowling	0 to 9	57
POOL	Billiards and pool	0 to 9	58
THTRE	Theater, performing arts	0 to 9	59
OTRCMRCE	Other commercial services	0 to 9	60
PROFOFF	Professional offices: doctors, dentists, lawyers, etc.	0 to 9	61
PUBSHL	Public schools	0 to 9	62
COLLEG	Colleges	0 to 9	63
LIBRARY	Libraries	0 to 9	64
BUSSHL	Business schools, vocational- technical schools	0 to 9	65

Card 7, continued

<u>Variable Name</u>	<u>Description</u>	<u>Coding</u>	<u>Location</u>
SOCSER	Social services: day-care, half-way, etc.	0 to 9	66
PROFORG	Professional, trade, business organizations	0 to 9	67
RELOGR	Religious organizations, churches (orthodox)	0 to 9	68
STFRNTCH	Store-front churches, religious groups	0 to 9	69
FKTNLORG	Fraternal organizations	0 to 9	70
GOVTOFF	Government offices	0 to 9	71
POLICE	Police, public safety, fire	0 to 9	72
OTHRPROF	Other professional services	0 to 9	73
VAC82	Vacant - for rent, 1982	0 to 9	74
REHAB82	building rehabilitation in progress, 1982	0 to 9	75
BOARD82	Vacant - Boarded up, 1982	0 to 9	76
OBSRCODE	Observer code Dave - 1 Glenn - 2 Earl - 3 Marlys - 4 Missing = 0, 5-9		77

CARD 8

<u>Variable Name</u>	<u>Description</u>	<u>Location</u>
NBHDCODN	Commercial/Residential study area	1 - 4
CARDDOS	Card number 2	5
TOTBIZ82	Count of business in each commercial area	6 - 8
BIZHRS0	Business hours: closing time of business. Count within categories: 0 = daytime to 6 p.m. 1 = to 10 p.m. 2 = after 10 p.m. 9 = unknown	9 -10
BIZHRS1		11-12
BIZHRS2		13-14
BIZHRS9		15-16
GRAF82	Count of businesses with graffiti in commercial area	17-18
LITTBUS1	Count of businesses in commercial area with minor litter, 1982	19-20
LITTBUS2	Count of businesses in commercial area with serious litter, 1982	21-22
ACCESS82	Count of businesses in commercial area with visible access barrier, 1982	23-24
ALARM82	Count of businesses in area with burglar alarms visible, 1982	25-26
WARN82	Count of other warning stickers on businesses in commercial area, 1982	27-28

OTHDEF82	Count of all other defensive modifications in commercial area, not otherwise classified, 1982	29
TOTDEF82	Count of total defensive modifications in area, 1982	30-31
BSHELT	Count of businesses in commercial area with shelters	32
GRAFBUS	Count of businesses in commercial area with graffiti on shelters	33
LITTBUS1	Count of businesses in commercial area with minor litter in shelters	34
LITTBUS2	Count of businesses in commercial area with serious litter in shelters	35
BIZDELTA	Index of business changes from 1981 to 1982	36-37
BIZDELT1	1981 vacant to 1982 business	38
BIZDELT2	1981 business to 1982 vacant	39
BIZDELT3	1981 business to 1982 different business	40
BIZDELT4	1981 business to 1982 nothing	41
BIZDELT5	1981 nothing to 1982 business	42
BIZDELT6	1981 vacant to 1982 nothing	43

CARD 9

<u>Variable Name</u>	<u>Description</u>	<u>Location</u>
NBHDCODO	Commercial/Residential study area	1 - 4
CARDTRES	Card number 3	5
MALE	Percent of male population in area, 1980 census estimates	6 - 8(1)
FEMALE	Percent of female population in area, 1980 census estimates	9 -11(1)
AGE09	Percent of person ages to 9, 1980 census estimates	12-14(1)
AGE1017	Percent of person ages 10 to 17, 1980 census estimates	15-17(1)
AGE1821	Percent of person ages 18 to 21, 1980 census estimates	18-20(1)
AGE2234	Percent of person ages 22 to 34, 1980 census estimates	21-23(1)
AGE3561	Percent of person ages 35 to 61, 1980 census estimates	24-26(1)
AGE62	Percent of person ages over 60, 1980 census estimates	27-29(1)
SINGLE	Percent of persons single, 1980 census estimates	30-32(1)
MARRIED	Percent of persons married, 1980 census estimates	33-35(1)

SEPARATE	Percent of persons separated, 1980 census estimates	36-38(1)
WIDOWED	Percent of persons widowed, 1980 census estimates	39-41(1)
DIVORCED	Percent of persons divorced, 1980 census estimates	42-44(1)
OWNHOME	Percent of home owners in area, 1980 census estimates	45-47(1)
RENTHOME	Percent of renters in area, 1980 census estimates	48-50(1)
HESVAL82	Estimated average of housing values in area, 1980 census estimates	51-56
RENT82	Estimated average of rental in area, 1980 census estimates	57-59
VACHSE82	Estimated vacancy rate in area, 1980 census estimates	60-62(1)

Minnesota Crime Prevention Center, Inc.
121 East Franklin Avenue
Minneapolis, Minnesota 55404
872-2300

RESIDENT QUESTIONNAIRE (Stage II)

Sex _____

Age _____

Area # _____

Address _____

Zone _____

Interview Completed: Yes No Terminated at Q. _____

Hello, I'm _____ from Jeanne Drew Surveys. We're doing a study of how people feel about their neighborhood and their local shopping area. Have I reached _____? [VERIFY NUMBER REACHED]

1. I'd like to speak with:

youngest male over 18 that's at home.

youngest female over 18 that's at home.

2. REFUSALS: KEEP TRACK HERE _____

3. Are you familiar with the shopping area at _____?

It's the center with the _____

in it.

YES -- GO TO Q. 1 ON THE QUESTIONNAIRE

NO -- THANK AND TERMINATE. KEEP TRACK HERE _____

4. ABOUT HOW FAR IN BLOCKS DO YOU LIVE FROM THE SHOPPING AREA? _____

I'd like to assure you that all information and opinions that you give will be strictly confidential.

CARD #	<table border="1"><tr><td>0</td><td>1</td></tr></table>	0	1	
0	1			
Area #		3 - 5		
Record type		6		
Zone #		7		
INTERVIEW #		8 - 9		

1. How long have you lived at your current address?
 [USE "MONTHS" IF LESS THAN ONE YEAR]

number of years	<table border="1"><tr><td> </td><td> </td></tr></table>		
number of months	<table border="1"><tr><td> </td><td> </td></tr></table>		

10 - 11
 12 - 13

2. About how many of your friends and relatives live in your neighborhood?
 Would you say:

none	0
a few	1
a lot	2
most or all	3
refused/don't know	9

14

3. About how many of your friends know each other?

none	0
a few	1
a lot	2
most or all	3
refused/don't know	9

15

4. Do you belong to any groups concerned with the quality of life in your neighborhood, such as a block association, a crime prevention group, or some similar organization?

yes ..(ask Q. 4a).....	1
no ..(SKIP to Q. 5).....	0
refused/don't know	9

16

4a. IF YES: About how often do you go to meetings of these groups?

never	0
once or twice a year	1
several times a year	2
once a month or more	3
refused/don't know	9

17

5. Some people feel their neighborhood is a real home to them, a place where they have roots. Other people think of their neighborhood as just a place where they happen to be living. Which one of these comes closest to the way you consider your neighborhood?

a real home	2
just a place to live	1
refused/don't know	9

18

6. Some people are strongly committed to their neighborhood and others are not. When you think of your commitment to this neighborhood, are you strongly committed, undecided, or not committed.

strongly committed	3
undecided	2
not committed	1
refused/don't know	9

19

7. Do you own or rent your home?

own (go to Q. 8)	2	20
rent (SKIP to Q. 9)	1	
refused/don't know	9	

8. In the past two years or so, about how much money have you spent for improvements or necessary repairs to your house such as painting, a new roof, a new garage or room addition? Was it

nothing	0	21
less than \$1,000	1	
between \$1,000 and \$2,000	2	
more than \$2,000	3	
refused/don't know	9	

9. [ALL RESPONDENTS]: For someone considering buying a home in this neighborhood, would you recommend it as a good investment or would they be better off investing in another neighborhood?

good investment	2	22
better off in other neighborhood .	1	
refused/don't know	9	

10. Taking everything together, how would you rate this neighborhood as a place to live?

excellent	4	23
good	3	
fair	2	
poor	1	
refused/don't know	9	

11. In general, considering things like education, age, income, and religion, how similar would you say most adults in this neighborhood are to you? Would you say most adults are:

not at all similar	0	24
somewhat similar	1	
highly similar	2	
refused/don't know	9	

12. How has the racial composition of this neighborhood changed in the past two years or so? Would you say there has been a:

large decrease in minorities	1	25
small decrease	2	
stayed the same	3	
small increase	4	
large increase in minorities	5	
refused/don't know	9	

Now I'm going to read a couple of statements some people make about their neighborhoods. Please tell me if you think the statements are mostly true, or mostly false.

	MOSTLY TRUE	MOSTLY FALSE	REFUSED D.K.	
13. When a few minority families move into an all white neighborhood, they ususally have the same income and education as the people who live there.	1	0	9	26
14. When a few minority families move into an all white neighborhood, the crime rates usually go up.	1	0	9	27
15. When a few minority families move into an all white neighborhood, property values don't change.	0	1	9	28

We would like to ask you some questions about crime in your neighborhood. First, here are some statements people have made about crime. For each one please tell me if you think it's mostly true or mostly false.

	MOSTLY TRUE	MOSTLY FALSE	REFUSED D.K.	
16. I'm often a little worried that I will be the victim of a crime in my neighborhood.	1	0	9	29
17. I would not be afraid if a stranger stopped me at night in my neighborhood to ask for directions.	0	1	9	30
18. I worry about the safety of people close to me while they are in the neighborhood.	1	0	9	31
19. When I have to be away from home for a long time, I worry that someone might try to break in.	1	0	9	32
20. When I hear footsteps behind me at night in my neighborhood, it makes me feel uneasy.	1	0	9	33

21. What would you say is the likelihood that you will be held up on the street, threatened, beaten up, or anything of that sort in your neighborhood? Would you say there's:

no chance at all	0	34
a slight chance	1	
a fair chance	2	
a good chance	3	
refused/don't know	9	

22. About how often are people in your neighborhood threatened, beaten up, or anything of that sort? Would you say:

almost never	0	35
once in a while	1	
often	2	
very often	3	
refused/don't know	9	

23. Compared to other problems that may exist in your neighborhood, such as noise, housing deterioration, poor schools, or potholes, how serious is the crime problem? Is it:

much less serious	1	36
somewhat less serious ...	2	
about equally serious ...	3	
somewhat more serious ...	4	
much more serious	5	
refused/don't know	9	

24. How well do the police usually treat people in this neighborhood? Do they treat them:

very well	3	37
well enough	2	
not so well	1	
not well at all	0	
refused/don't know	9	

Next, we would like to ask you some questions about the shopping facilities that are located near your home at _____.

25. About how often would you say you make a trip to this shopping area, or stop while passing through?

never or hardly ever (SKIP to Q. 31)	0	38
once or twice a month	1	
once or twice a week	2	
daily or almost daily	3	
refused/don't know	9	

26. What time of day on the average are you most likely to make these trips or stops?

daytime - before 6:00 P.M.	1	39
evening - after 6:00 P.M.	2	
varies - combination of these	3	
refused/don't know	9	

27. How do you usually get to the shopping area at _____?
Do you:

walk	1	40
take a bus	2	
use a car	3	
other: SPECIFY _____ ..	4	
refused/don't know	9	

28. What would you say is your most frequent purpose for making a trip to that shopping area, other than just passing through? Is it to:

shop	1	41
eat, drink, or for entertainment	2	
go to a meeting or church	3	
use the bus stop	4	
other: SPECIFY _____ ..	5	
refused/don't know	9	

29. Which of the following are important reasons why you like the shopping area?
[READ THRU ENTIRE LIST —
THEN RECORD RESPONSE FOR EACH ITEM]

	YES	NO	
a. kind of businesses there	1	0	42
b. friendliness of the shopkeepers	1	0	43
c. convenient to home	1	0	44
d. reasonable prices	1	0	45
e. like to support local merchants	1	0	46
f. other? (SPECIFY: _____)	1	0	47
g. don't like the shopping area	1	0	48

30. About how much money would you guess you spend in that shopping area in the average week?

less than \$5.00	1	49
\$5.00 to \$10.00	2	
\$10.00 to \$25.00	3	
\$25.00 to \$50.00	4	
more than \$50.00	5	
refused/don't know	9	

31. Which of the following are reasons you dislike that shopping area?

[READ THRU ENTIRE LIST —
THEN RECORD RESPONSE FOR EACH ITEM]

	YES	NO	
a. doesn't have goods I want	1	0	50
b. area isn't pleasant to shop in	1	0	51
c. it's not convenient	1	0	52
d. prices are too high	1	0	53
e. area isn't safe	1	0	54
f. other: SPECIFY _____	1	0	55
g. like everything about the shopping area	1	0	56

Now I'd like to read some statements that people might make about shopping areas located near where they live. For each of the following please tell me if you mostly agree or mostly disagree with the statement as it applies to the area at _____.

	MOSTLY AGREE	MOSTLY DISAGREE	DON'T KNOW	
32. Most of the people who use the shopping area are people like me.	0	1	9	57
33. The businesspeople in that shopping area seem to care about the neighborhood.	0	1	9	58
34. In my opinion, the shopping area gives the neighborhood a bad name.	1	0	9	59
35. Sometimes I don't like to go to the shopping area because of the kind of people there.	1	0	9	60
36. I wouldn't mind seeing one or two of the businesses there move to another location.	1	0	9	61
37. O.k., next I'd like to ask if any of the businesses there cause any problems for the neighborhood? Yes or no?				

yes ..(go to Q. 38)..... 1
no ..(SKIP to Q. 39) 0
refused/don't know 9

62

38. IF YES, what types of businesses are they and what are the problems?

[PROBE if R. is unable to name types of business. LIST UP TO 3.]

Types of Businesses

Problems

a. _____
b. _____
c. _____

a. _____
b. _____
c. _____

OFFICE USE			

63 - 67

68 - 72

73 - 77

Card

0	2
---	---

 1-2/
 I.D.#

--	--	--	--	--	--

 3-9

39. Think about the area you call your neighborhood. Do you consider the shopping area at _____ to be inside your neighborhood, outside of your neighborhood, or right on the boundary line?

inside your neighborhood 3
 outside your neighborhood 1
 on the boundary line 2
 refused/don't know 9

10

40. How many of the business people in that local shopping area do you know by name? Would you say:

none 0
 a few 1
 most 2
 refused/don't know 9

11

41. From what you have seen, do you think that in the next few years this shopping area will become economically better off, go along about the same, or will it decline economically?

economically better off . 3
 about the same 2
 decline 1
 refused/don't know 9

12

The next group of questions is about crime in the shopping area. First, here are some statements about crime in commercial areas. For each one, please tell me if you think its mostly true or mostly false in the case of this shopping area.

MOSTLY TRUE	MOSTLY FALSE	DON'T KNOW
----------------	-----------------	---------------

- | | | | | |
|---|---|---|---|----|
| 42. I'm often a little worried that I will be a victim of a crime in that shopping area. | 1 | 0 | 9 | 13 |
| 43. I would not be afraid if a stranger stopped me at night in the shopping area to ask for directions. | 0 | 1 | 9 | 14 |
| 44. I worry about the safety of people close to me when they are in the shopping area. | 1 | 0 | 9 | 15 |
| 45. Sometimes I worry that my property will be damaged or broken into by people coming from that shopping area. | 1 | 0 | 9 | 16 |
| 46. If I heard footsteps behind me in the shopping area at night, it would make me feel uneasy. | 1 | 0 | 9 | 17 |

47. What would you say is the likelihood that you will be held up on the street, threatened, beaten up, or anything of that sort in the shopping area. Would you say there's:

no chance at all	0	18
a slight chance	1	
a fair chance	2	
a good chance	3	
refused/don't know	9	

48. About how often are businesses in the shopping area held-up or broken into? Would you say:

almost never	0	19
once in a while	1	
often	2	
very often	3	
refused/don't know	9	

49. Do you ever do any of the following to protect yourself from crime while you are in this shopping area?

	YES	NO	REFUSED/ D.K.	
(a) Carry a weapon of any kind.	1	0	9	20
(b) Carry tear gas.	1	0	9	21
(c) Carry a whistle.	1	0	9	22
(d) Go with another person.	1	0	9	23
(e) Avoid the area after dark.	1	0	9	24
(f) Avoid certain businesses.	1	0	9	25
(g) Conceal your wallet or don't carry a purse.	1	0	9	26
(h) Lock the car.	1	0	9	27
(i) Any other? SPECIFY: _____	1	0	9	28-29

50. I'm going to read you a list of things that sometimes are problems in a shopping area. For each item please tell me if it's a big problem, somewhat of a problem, or not a problem at all in the shopping area located at _____.

	BIG PROBLEM	SOMEWHAT OF A PROBLEM	NOT A PROBLEM	REFUSED/ DON'T KNOW	
a. vacant buildings or lots	2	1	0	9	30
b. litter, trash, or junk on sidewalk, alleys, or lots	2	1	0	9	31
c. upkeep and appearance of businesses	2	1	0	9	32
d. vandalism, like graffiti or broken windows	2	1	0	9	33
e. people loitering or hanging out	2	1	0	9	34
f. noisy or unruly teenagers	2	1	0	9	35
g. strangers and outsiders present	2	1	0	9	36
h. people harassing or bothering others	2	1	0	9	37
i. people drunk in public places	2	1	0	9	38
j. purse snatching and street crimes	2	1	0	9	39
k. drug use or dealing	2	1	0	9	40
l. prostitution	2	1	0	9	41

57. In some shopping areas, customers park on the residential streets. This can cause problems for residents. How big of a problem is this around the shopping area at _____? Is it:

- a big problem 2 55
- somewhat of a problem ... 1
- not a problem at all 0
- refused/don't know 9

58. Now, please think back over the last year, say between August 1981 and now. Have you been held up on the street, threatened, beat up, or anything of that sort?

- yes (ask Q. 58a) 1 56
- no (SKIP to Q. 59) 0
- refused/don't know 9

58a. IF YES: Did it occur:
[MAY ANSWER MORE THAN ONE.]

- at home 1 57
- in the neighborhood 2
- in the shopping area 3
- elsewhere 4
- refused/don't know 9

59. Has your home been broken into during the past year?

- yes 1 58
- no 0
- refused/don't know 9

60. Have you been the victim of any other crime during the past year?

- yes 1 59
- no 0
- refused/don't know 9

61. Do you know of any businesses in the shopping area which have been broken into or held up during the past year?

- yes (ask Q. 61a) 1 60
- no (SKIP to Q. 62) 0
- refused/don't know 9

61a. IF YES: Which ones? _____

61-63

64-66

67-69

Now I'm going to ask you a set of questions about three different areas in your neighborhood: around your home, on your block, and in the shopping area. For each statement, I'd like you to tell me how much you agree or disagree.

62. First, let's consider the area right around your home, such as right outside your front or back door. This would include the hallway if you live in an apartment, or the sidewalk or alley right next to your house. Thinking about these areas, please tell me if you agree or disagree with the following statements:

THEN ASK: strongly,
or slightly?

AGREE STRONGLY	AGREE SLIGHTLY	DISAGREE SLIGHTLY	DISAGREE STRONGLY	REFUSED/ D.K.
-------------------	-------------------	----------------------	----------------------	------------------

- | | | | | | | |
|---|---|---|---|---|---|----|
| a. I have a lot to say about what goes on. | 4 | 3 | 2 | 1 | 9 | 10 |
| b. I feel personally responsible for what goes on. | 4 | 3 | 2 | 1 | 9 | 11 |
| c. I can tell people who belong there from outsiders. | 4 | 3 | 2 | 1 | 9 | 12 |
| d. If there's a suspicious person hanging around, someone's bound to call the police. | 4 | 3 | 2 | 1 | 9 | 13 |
| e. I'm likely to be bothered by undesireables. | 1 | 2 | 3 | 4 | 9 | 14 |
| f. It's hard to keep people out if you don't want them there. | 1 | 2 | 3 | 4 | 9 | 15 |

63. Now let's consider the rest of the block where you live. Tell me whether you agree or disagree with each statement I read as it applies to the block where you live.

THEN ASK: strongly,
or slightly?

AGREE STRONGLY	AGREE SLIGHTLY	DISAGREE SLIGHTLY	DISAGREE STRONGLY	REFUSED/ D.K.
-------------------	-------------------	----------------------	----------------------	------------------

- | | | | | | | |
|---|---|---|---|---|---|----|
| a. I have a lot to say about what goes on. | 4 | 3 | 2 | 1 | 9 | 16 |
| b. I feel personally responsible for what goes on. | 4 | 3 | 2 | 1 | 9 | 17 |
| c. I can tell people who belong there from outsiders. | 4 | 3 | 2 | 1 | 9 | 18 |
| d. If there's a suspicious person hanging around, someone's bound to call the police. | 4 | 3 | 2 | 1 | 9 | 19 |
| e. I'm likely to be bothered by undesireables. | 1 | 2 | 3 | 4 | 9 | 20 |
| f. It's hard to keep people out if you don't want them there. | 1 | 2 | 3 | 4 | 9 | 21 |

64. Finally, think of the shopping area at _____ . For each statement, tell me how much you agree or disagree with it as it applies to the area at _____ .

THEN ASK: strongly, or slightly?

AGREE STRONGLY	AGREE SLIGHTLY	DISAGREE SLIGHTLY	DISAGREE STRONGLY	REFUSED D.K.
----------------	----------------	-------------------	-------------------	--------------

a. I have a lot to say about what goes on.	4	3	2	1	9	22
b. I feel personally responsible for what goes on.	4	3	2	1	9	23
c. I can tell people who belong there from outsiders.	4	3	2	1	9	24
d. If there's a suspicious person hanging around, someone's bound to call the police.	4	3	2	1	9	25
e. I'm likely to be bothered by undesireables.	1	2	3	4	9	26
f. It's hard to keep people out if you don't want them there.	1	2	3	4	9	27

Now, just a few more questions.

65. If two people you did not know were arguing loudly on the sidewalk in front of your house, or in the hallway outside your door, would you try to do something about it yourself, call the police, or try to ignore it?

try to do something	2	28
call the police	1	
try to ignore it	0	
refused/don't know	9	

66. If two people you did not know were arguing loudly on the block where you live, would you try to do something about it yourself, call the police, or try to ignore it?

try to do something	2	29
call the police	1	
try to ignore it	0	
refused/don't know	9	

67. If two people you did not know were arguing loudly in the shopping area, would you try to do something about it yourself, call the police, or try to ignore it?

try to do something	2	30
call the police	1	
try to ignore it	0	
refused/don't know	9	

Last, I'd like to ask for some information to be used for statistical purposes only.

68. Do you live in a:

single family house	1	31
duplex house	2	
apartment - 6 or less units	3	
apartment - more than 6 units	4	
rooming house	5	
other - specify _____	6	
refused/don't know	9	

69. How old were you on your last birthday? _____ 32-33

70. In order that all racial groups be represented in this survey, are you:

black	1	34
white	2	
American Indian	3	
Hispanic	4	
Asian	5	
other SPECIFY _____	6	
refused/don't know	9	

71. [INTERVIEWER INFERENCE]:

female	1	35
male	2	

72. Including yourself, how many people are currently living at your household? _____ 36-37

73. How many are 18 years of age and under? _____ 38-39

74. What is your marital status? Are you:

married	1	40
widowed	2	
divorced	3	
living with someone	4	
separated	5	
never married	6	
refused/don't know	9	

75. What is the highest schooling you have received?

none	1	41
up to 8th grade	2	
some high school	3	
high school/GED	4	
some college	5	
bachelor's degree	6	
post-graduate degree	7	
refused/don't know	9	

76. What is your employment status?

working full time	1	
working part time	2	
unemployed	3	(GO TO Q. 78)
retired	4	(GO TO Q. 78)
homemaker	5	(GO TO Q. 78)
in school only	6	(GO TO Q. 78)
refused/don't know	9	(GO TO Q. 78)

42

77. What is your occupation? _____

43-44

78. What is your total approximate household income for the past year before taxes?

under \$10,000	1	
\$10,000 - \$20,000	2	
\$20,000 - \$30,000	3	
\$30,000 - \$40,000	4	
more than \$40,000	5	
refused/don't know	9	

45

79. Undefined Variable

46-47

Minnesota Crime Prevention Center, Inc.

BUSINESS SURVEY QUESTIONNAIRE " (Stage II)

BUSINESS _____ AREA # _____
ADDRESS _____ INTERVIEW # _____
BUSINESS TYPE # _____

Hello. My name is _____ and I work for the Minnesota Crime Prevention Center. We're working on a study about neighborhood shopping areas and crime. I'd like to ask the person in charge a few questions that will help us in this study.

SCREENER:
Identify person in charge.
Determine role of person in charge.

If person in charge is owner, get name and phone number and proceed to questionnaire.
If person in charge is not owner, determine whether owner works in store, or not. If s/he does, then try to get name and phone number to arrange interview.
If owner does not work in store, identify person who has greatest responsibility and interview him/her. If two people have equal responsibility, interview person who has worked there longest. Arrange a return visit, if necessary.

OWNER NAME _____ # _____
RETURN VISIT ARRANGEMENTS _____

Interview is: Complete _____
Partial _____ through Question # _____
Refused _____ (keep count)

IF PARTIAL, WHY BREAK OFF? _____

IF REFUSAL(S), LIST REASONS(S)

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

Card # 1-2/
 Area # 3-5
 Record type 6
 Interview # 7-8
 Business type 9-11

1. Role of respondent [INTERVIEW INFERENCE]:

- owner 1
 - manager 2
 - director 3
 - employee 4
 - other [SPECIFY _____] 5
 - refused/don't know 9
- 12

2. How long have you been working for this establishment?
(RECORD YEARS FIRST - USE MONTHS IF LESS THAN ONE YEAR.)

13-16
 yrs. mos.

3. How long has this establishment been located in this shopping area?
(RECORD YEARS FIRST - USE MONTHS IF LESS THAN ONE YEAR.)

17-20
 yrs. mos.

4. Is this establishment a private business for profit, a private non-profit organization, a government organization or what?

- private business 1
 - private non-profit 2 (SKIP TO Q. 6)
 - government 3 (SKIP TO Q. 6)
 - other (SPECIFY _____) 4 (SKIP TO Q. 6)
 - refused/don't know 9 (SKIP TO Q. 6)
- 21

5. Which best describes the way this business is owned?

- sole proprietorship 1
 - partnership 2
 - "close" or privately-held corporation . 3
 - publicly-held corporation 4
 - other [SPECIFY _____] 5
 - refused/don't know 9
- 22

6. How many locations other than this one has this establishment occupied in this center?

23-24
 number

7. What hours are you open for business?

Monday _____
 Tuesday _____
 Wednesday _____
 Thursday _____
 Friday _____
 Saturday _____
 Sunday _____

FOR OFFICE USE ONLY				
TOTAL HOURS				
<table border="1"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>				
daytime only.....	1			
evenings, 2 or less..	2			
evenings, 3 or more..	3			
night (after 10pm)...	4			
refused/don't know ..	9			

25-27

28

8. How many paid employees, including the owner, did this establishment average during the previous 12 month period?

full time

--	--

29-30

part time

--	--

31-32

9. Does the person who owns this business (do you) also own this space, or is it rented?

own 1
 rent 2
 refused/don't know 9

33

10. How many other spaces do you (does the owner) own in this shopping area?

--	--

number

34-35

11. Which of the things on this card [HAND R. CARD A] do you consider to be important advantages of this location? [PROBE]

ADVANTAGE	RANK	
-----------	------	--

labor availability	_____	_____	36-37
accessible to transportation	_____	_____	38-39
availability of supplies	_____	_____	40-41
near customers	_____	_____	42-43
good visibility to customers	_____	_____	44-45
availability of parking	_____	_____	46-47
low operating costs	_____	_____	48-49
quality of neighborhood	_____	_____	50-51
quality of other businesses	_____	_____	52-53
other (SPECIFY: _____)	_____	_____	54-55
_____	_____	_____	56-57
site has no advantages <input type="checkbox"/>	_____	_____	58

[AFTER ADVANTAGES ARE NAMED, ASK R. TO RANK THE TOP FOUR NAMED.]

12. Now, which of the things on this card [HAND R. CARD B] do you consider to be important disadvantages of this location? [PROBE FOR IMPORTANCE]

DISADVANTAGE	RANK	
lack of parking	_____	59-60
low quality of neighborhood	_____	61-62
poor transportation access	_____	63-64
competition	_____	65-66
high crime in area	_____	67-68
low visibility to customers	_____	69-70
inadequate labor supply	_____	71-72
high operating costs	_____	73-74
too far from customers	_____	75-76
too far from suppliers	_____	77-78
		Card # <input type="text" value="0"/> <input type="text" value="2"/> 1-2
		I.D. # <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 3-8
other (SPECIFY: _____)	_____	9-10
_____	_____	11-12
site has no disadvantages <input type="checkbox"/>	_____	13

[AFTER DISADVANTAGES ARE NAMED, ASK R. TO RANK THE TOP FOUR NAMED.]

13. Overall, how would you rate this shopping area as a place to do business?
Is it:

- excellent 4
 - good 3
 - fair 2
 - poor 1
 - refused/don't know 9
- 14

14. About how far from this shopping area do you live?
Do you live...

- in shopping area 1
 - not in area, but in neighborhood 2
 - not in neighborhood, but in this city .. 3
 - not in this city 4
 - refused/don't know 9
- 15

15. How many of the other owners or managers in this shopping area do you know by name? Would you say you know:

- none 0
 - a few 1
 - a lot 2
 - most or all 3
 - refused/don't know 9
- 16

16. In some shopping areas businesspeople have gotten together to form organizations that represent their common interests. Do the businesspeople in this area have an organization of this type?

yes 1
 no 0 (SKIP TO Q. 17) 17
 refused/don't know 9

IF YES:

16A. What's the name of this organization? Who is its current president, chairman or director? (PROBE FOR NAMES)

	ORGANIZATION	LEADER	
a.	_____	_____	<input type="checkbox"/> 18
b.	_____	_____	<input type="checkbox"/> 19

16B. Do you belong to this (these) organization(s)?

yes 1
 no 0 (SKIP TO Q. 17)
 refused/don't know 9 20

IF YES:

16C. About how often do you go to meetings of these groups?

never 0
 once or twice a year 1
 several times a year 2
 once a month or more 3
 refused/don't know 9 21

17. As part of a business group or on an informal basis, have you done any of the following in cooperation with other owners or managers in this shopping area in the past year?

	YES	NO	DK	
(a) advertised together?	1	0	9	22
(b) planned storefront or sign designs?	1	0	9	23
(c) organized sidewalk sales or other special sale days?	1	0	9	24
(d) petitioned government officials to improve services?	1	0	9	25
IF YES: What services? _____				<input type="checkbox"/> 26
(e) made arrangements for increased parking, or parking discounts?	1	0	9	27

	YES	NO	DK	
(f) organized clean-up days or beautification projects?	1	0	9	28
(g) tried to remove or change undesirable business in center?	1	0	9	29
(h) organized activities to improve security or prevent crime?	1	0	9	30
(SPECIFY) _____				<input type="text"/> <input type="text"/> 31-32
(i) any other? (SPECIFY) _____				<input type="text"/> <input type="text"/> 33-34

18. How many of your customers or clientele do you know by name?

none	0	
a few	1	
most	2	
refused/don't know	9	35

Now, we'd like to ask you some questions about your contacts with the police.

19. About how often do you notice a patrol car in the area? That is, how many times a week, on the average?

times per week 36-37

20. About how often do police just walk through this center, that you know of?

rarely or never	0	
once or twice a month ...	1	
once or twice a week	2	
almost every day	3	
refused/don't know	9	38

21. How often do the police drop in to chat with you at work or just to see how you are doing?

rarely or never	0	
once or twice a month ...	1	
once or twice a week	2	
almost every day	3	
refused/don't know	9	39

22. How often in the past year have you had reason to call the police on official business while in this shopping area?

40
number

Reason(s) (SPECIFY): _____

41-42

23. Overall, how would you rate the job the police are doing in providing security for this shopping area? Would you say:

- excellent 4
- good 3
- fair 2
- poor 1
- refused/don't know 9

43

24. How well do the police usually treat people in this neighborhood? Do they treat them:

- very well 3
- well enough 2
- not so well 1
- not well at all 0
- refused/don't know 9

44

Next, I would like to ask you some questions about the economic conditions in this shopping area as a whole. As well as you can, I'd appreciate your opinion on how the area's businesses as a group are doing.

25. From what you have seen, do you think that in the next few years this shopping area will become economically better off, go along about the same, or will it decline economically?

- economically better off 3
- about the same 2
- decline economically 1
- refused/don't know 9

45

26. Considering neighborhood shopping areas similar in size to this one, do you think this area is economically better off than most similar areas, is it about the same, or is it worse off economically? Do you think it's:

- better 3
- about the same 2
- worse 1
- refused/don't know 9

46

27. In terms of business turnover, how stable is this shopping area?
Is it:

- very stable 4
- somewhat stable 3
- somewhat unstable 2
- very unstable 1
- refused/don't know 9

47

Our next series of questions concerns crime in the shopping area.

First, I'm going to read some statements that some people make about crime in their shopping areas. For each statement I read, please tell me if you feel it is mostly true or mostly false as it applies to you.

MOSTLY TRUE	MOSTLY FALSE	DON'T KNOW
----------------	-----------------	---------------

- | | | | | |
|--|---|---|---|----|
| 28. I'm often a little worried that I will be a victim of a crime in this shopping area. | 1 | 0 | 9 | 48 |
| 29. I would <u>not</u> be afraid if a stranger stopped me at night in the shopping area to ask for directions. | 0 | 1 | 9 | 49 |
| 30. While I'm at work, I'm afraid someone's going to rob the place. | 1 | 0 | 9 | 50 |
| 31. When I'm away from my establishment, I worry that someone will vandalize or try to break in. | 1 | 0 | 9 | 51 |
| 32. If I heard footsteps behind me in the shopping area at night, it would make me feel uneasy. | 1 | 0 | 9 | 52 |

OK. Now here are some other questions about crime.

33. How safe do you and your employees feel while you are at work here?
- | | | |
|--------------------------|---|----|
| very safe | 1 | |
| reasonably safe | 2 | |
| somewhat unsafe | 3 | |
| very unsafe | 4 | |
| refused/don't know | 9 | 53 |

34. How much of a problem do you have getting and keeping employees because they are afraid of crime? Is it
- | | | |
|---------------------------|---|----|
| a big problem | 2 | |
| somewhat of a problem ... | 1 | |
| no problem at all | 0 | |
| refused/don't know | 9 | 54 |

35. What would you say is the likelihood that your customers will be held up on the street, threatened, beaten up, or anything of that sort in the shopping area? Would you say there's:
- | | | |
|--------------------------|---|----|
| no chance at all | 0 | |
| a slight chance | 1 | |
| a fair chance | 2 | |
| a good chance | 3 | |
| refused/don't know | 9 | 55 |

36. About how often are businesses in this shopping area held-up or broken into? Would you say:

almost never	0	
once in a while	1	
often	2	
very often	3	
refused/don't know	9	56

37. What would you say is the likelihood that this establishment will be robbed, that is, held up in the next year or so?

no chance at all	0	
a slight chance	1	
a fair chance	2	
a good chance	3	
refused/don't know	9	57

38. What would you say is the likelihood that this establishment will be burglarized or broken into in the next year or so?

no chance at all	0	
a slight chance	1	
a fair chance	2	
a good chance	3	
refused/don't know	9	58

39. In order to avoid crime or to protect yourself and your business, have you done any of the following:

	YES	NO	DK	
(a) Changed the layout of your store, or the location of merchandise?	1	0	9	59
(b) Arranged to have a premise security check by the police or other experts?	1	0	9	60
(c) Restricted the amount of cash on hand?	1	0	9	61
(d) Adopted management procedures intended to control internal theft?	1	0	9	62
(e) Engraved identification numbers on valuables in your business place?	1	0	9	63
(f) Installed a burglar alarm in your business?	1	0	9	64
(g) Installed a camera system?	1	0	9	65
(h) Put bars on windows or doors, or installed other physical barriers?	1	0	9	66

	YES	NO	DK	
(i) Kept a watch dog?	1	0	9	67
(j) Kept a gun or other weapon at your business?	1	0	9	68
(k) Displayed crime prevention or other warning stickers on the doors, windows, or elsewhere at your business?	1	0	9	69
(l) Contacted the police to keep an eye on your business?	1	0	9	70
(m) Regularly turned on lights in your business at night?	1	0	9	71
(n) Altered your business hours by closing earlier?	1	0	9	72
(o) Refused entrance or service to a customer who seemed a threat to order or security?	1	0	9	73
(p) Terminated an employee who created problems for security or order.	1	0	9	74
(q) Purchased theft insurance?	1	0	9	75
(r) Hired security guards to protect your business (including "bouncers")?	1	0	9	76

IF YES:

How many? _____ How often? _____

Who? _____ Other details? _____

77-8

0 3

1-2

3-8

(s) other: SPECIFY 1 0 9

9

40. Taking everything together (including theft insurance), about how much would you say you've spent on security measures for your business in the past two years?

\$

10-1

(PROBE IF UNCERTAIN/BEST ESTIMATE)

The next few questions have to do with the neighborhood around this shopping area.

41. Have the general economic and social conditions in the neighborhood around your business improved, remained about the same, or declined in the past few years?

- improved 3
- remained the same 2
- declined 1
- refused/don't know 9

14

42. About how often are people held up, threatened, beaten up, or anything of that sort in this neighborhood? Would you say

- almost never 0
- once in a while 1
- often 2
- very often 3
- refused/don't know 9

15

43. Regarding crime in general in this neighborhood, would you say that there is a lot of crime, quite a bit of crime, some crime, or almost no crime?

- a lot of crime 3
- quite a bit of crime 2
- some crime 1
- almost no crime 0
- refused/don't know 9

16

44. For someone considering buying a home in this neighborhood, would you recommend it as a good investment or would they be better off investing in another neighborhood?

- good investment 2
- better off in another neighborhood 1
- refused/don't know 9

17

45. How has the racial composition of this neighborhood changed in the past two years or so? Would you say there has been a:

- large decrease in minorities 1
- small decrease 2
- stayed the same 3
- small increase 4
- large increase in minorities 5
- refused/don't know 9

18

Next, I'd like to read some statements that business people might make about shopping areas. For each statement, please tell me if you mostly agree or mostly disagree with the statement as it applies to you and your shopping area.

	MOSTLY AGREE	MOSTLY DISAGREE	DON'T KNOW	
46. Most of the businesspeople in this shopping area seem to care about the neighborhood.	0	1	9	19
47. Some of the people who use the shopping area make me feel uneasy.	1	0	9	20
48. Most of the people who use the area are people like me.	0	1	9	21
49. I wouldn't mind seeing one or two of the businesses here move to another location.	1	0	9	22
50. The people in the neighborhood give this shopping area a bad name.	1	0	9	23
51. There's a business or two here that draws undesirable people into the area.	1	0	9	24
52. If I had to leave this area, I'd really miss my customers.	0	1	9	25
53. This location is just a place to do business as far as I'm concerned.	1	0	9	26
54. The big-money guys are moving in here and ruining it for the rest of us.	1	0	9	27
55. I think some people are afraid to shop here because the neighborhood is bad.	1	0	9	28
56. The friendliness of the people in the neighborhood makes my work day a little easier.	0	1	9	29
57. One or two of the businesses in this area give the rest of us a bad image.	1	0	9	30
58. I've never heard of any real complaints about businesses in this area from the people who live around here.	0	1	9	31

MOSTLY AGREE	MOSTLY DISAGREE	DON'T KNOW
-----------------	--------------------	---------------

59. I'm not responsible for what customers do when they leave here.	1	0	9	32
60. Each and every business in this area contributes to the good of the rest of us.	0	1	9	33
61. People who live around here complain about the shopping area.	1	0	9	34
62. I'd keep my business in this neighborhood, for better or worse.	0	1	9	35
63. Some of the businesspeople in this area won't cooperate with the rest of us to get things done.	1	0	9	36
64. I just try to take care of my business affairs, and expect other businesspeople to do the same.	1	0	9	37
65. My business depends heavily on customers from right around here.	0	1	9	38

Next, we'd like to know some things about the people who use this shopping area, based on your observations.

66. Is your primary market area or service area the:

neighborhood	1
several nearby neighborhoods	2
entire city	3
metropolitan area	4
larger than metro area	5
refused/don't know	9

39

67. For this shopping area as a whole do you think the proportion of customers that come from outside the surrounding neighborhood has increased, decreased, or remained about the same in the past few years.

increased	3
decreased	1
stayed the same	2
refused/don't know	9

40

68. We're interested in knowing how people use the public spaces in the shopping areas for non-business purposes. For instance, in some shopping areas, people may meet on the corner or in a parking lot to talk after using a business, or sometimes kids use a certain spot as a "hang-out." How often do people use the public spaces in this shopping area for non-business purposes?

- almost never 0 (SKIP TO Q. 69)
- once in a while 1 (SKIP TO Q. 69)
- often 2
- very often 3
- refused/don't know 9

41

IF OFTEN OR VERY OFTEN:

--	--	--	--	--

68A. PROBE FOR DETAILS OF BEHAVIOR: WHO, WHEN, WHERE, REGULARITY, ACTIVITIES, OWNER'S REACTION. _____

42-46

69. Sometimes a business becomes a place where people like to go because they'll probably run into people they know there. Places like this may be regular gathering spots. How often do people use your business in this way?

- almost never 0 (GO TO Q. 70)
- once in a while 1 (GO TO Q. 70)
- often 2
- very often 3
- refused/don't know 9

47

IF OFTEN OR VERY OFTEN:

--	--	--	--	--

48-52

69A. PROBE FOR DETAILS: WHO, WHEN, REGULARITY, ACTIVITIES, OWNER'S REACTION. _____

69B. Have you ever heard complaints about the way these people act after they leave your place?

- yes 1
- no 0
- refused/don't know 9

53

70. In your opinion, do any of the businesses cause any problems for the neighborhood?

yes 1
no 0 (GO TO Q. 71)
refused/don't know 9

54

IF YES: What types of businesses are they and what are the problems?

TYPES OF BUSINESSES	PROBLEMS	
a. _____	a. _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 55-58
b. _____	b. _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 59-62
c. _____	c. _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 63-66

71. Do you know of or have you heard of neighborhood residents complaining about this shopping area or its businesses for any reason?

yes 1
no 0 (GO TO Q. 72)
refused/don't know 9

67

IF YES: What were the complaints?

_____ 68-69

Now I'd like to ask you about some things that might have happened to you or your business since the summer of 1981. I'd like you to think back to August, 1981, about 12 months ago.

72. Since August, 1981, has your establishment been burglarized or broken into?

yes 1
no 0 (SKIP TO Q. 73)
refused/don't know 9

70

IF YES:

72A. How many times? 71-72

72B. How many of these incidents did you report to the police?

73-74
number

IF DID NOT REPORT, Why not? _____ 75

72C. Approximately how much did you lose (before insurance settlement) in this (these) crime(s)?

\$ 76-79/

72D. Did this (these) victimization(s) lead you to change any procedures or increase security measures in any way?

yes 1
no 0
refused/don't know 9 80

0 4 1-2

3-8

IF YES: What did you do? _____ 9

73. Since August, 1981, has your establishment been robbed or held-up?

yes 1
no 0 (SKIP TO Q. 74)
refused/don't know 9 10

IF YES:

73A. How many times? 11-12

73B. How many of these incidents did you report to the police?

13-14
number

IF DID NOT REPORT, Why not? _____ 15

73C. Approximately how much did you lose in this (these) crime(s) (before any insurance settlement)?

\$ 16-19

73D. How many of these incidents happened to you personally?

20-21
number

73E. Did this (these) victimization(s) lead you to change any procedures or increase security measures in any way?

yes 1
no 0
refused/don't know 9 22

IF YES: What did you do? _____ 23

74. Since August, 1981, has anyone damaged or defaced (vandalized) the building where your business is located, for example by writing on the walls, breaking windows, or anything like that?

- yes 1
- no 0 (SKIP TO Q. 75)
- refused/don't know 9

24

IF YES:

74A. How many times?

25-26

74B. How many of these incidents did you report to the police?

number

27-28

74C. Who did it, and why? _____

29-30

74D. Did you repair this damage?

- yes 1
- no 0
- refused/don't know 9

31

75. Since August, 1981, has anyone been observed shoplifting from your business?

- yes 1
- no 0 (SKIP TO Q. 76)
- not applicable 8
- refused/don't know 9

32

IF YES:

75A. How many times?

33-34

75B. How many of these incidents did you report to the police?

- all 2
- some 1
- none 0
- refused/don't know 9

35

IF DID NOT REPORT ANY OR ALL, why not? _____

36

75C. What other action did you take? _____

37

Now I'd like to ask about your personal experiences with crime that were not directly connected with this establishment.

76. Think back over the last year, between August, 1981 and now. Have you been held up on the street, threatened, beat up, or anything of that sort?

- yes 1
- no 0 (SKIP TO Q. 77)
- refused/don't know 9

38

76A. IF YES: Did it occur:
[MAY ANSWER MORE THAN ONE]

- at home 1
- in your neighborhood 2
- in this shopping area ... 3
- elsewhere 4
- refused/don't know 9

39

77. Do you know or have you heard of anyone who has been assaulted, held-up or had their purse snatched while in this shopping area, since August 1981?

- yes 1
- no 0 (SKIP TO Q. 78)
- refused/don't know 9

40

77A. IF YES: How many times?

41-42

78. Do you know of any businesses in this shopping area other than your own, which have been broken into or held up during the past year?

- yes 1
- no 0 (SKIP TO Q. 79)
- refused/don't know 9

43

IF YES:

78A. How many times?

44-45

78B. Which establishments were victimized, and what was the crime?

ESTABLISHMENT

CRIME

_____	_____	<input type="text"/>	46-49
_____	_____	<input type="text"/>	50-53
_____	_____	<input type="text"/>	54-57
_____	_____	<input type="text"/>	58-61

79. Now think about the neighborhood surrounding this shopping area. Would you say that crime in general in the past few years has increased, decreased, or stayed about the same?

increased 3
 decreased 1
 stayed the same 2
 refused/don't know 9

62

80. Now I would like to ask you about things that can sometimes be problems in a business center. For each item, please tell me if it has been a big problem, somewhat of a problem, or not a problem at all in your business area.

BIG PROBLEM	SOMEWHAT OF A PROBLEM	NOT A PROBLEM	REFUSED/DON'T KNOW
-------------	-----------------------	---------------	--------------------

(a) vacant buildings or lots	2	1	0	9	63
(b) litter, trash, or junk on sidewalks, alleys or lots.	2	1	0	9	64
(c) upkeep and appearance of businesses	2	1	0	9	65
(d) vandalism, like graffiti or broken windows	2	1	0	9	66
(e) people loitering or hanging out	2	1	0	9	67
(f) noisy or unruly teenagers	2	1	0	9	68
(g) strangers and outsiders present	2	1	0	9	69
(h) people harassing or bothering others	2	1	0	9	70
(i) people drunk in public places	2	1	0	9	71
(j) purse snatching and other street crimes	2	1	0	9	72
(k) drug use or dealing	2	1	0	9	73
(l) prostitution	2	1	0	9	74

				0	5

1-2
3-8

IF RESPONDENT NAMES BIG PROBLEM IN Q. 81 READ THE FOLLOWING:

Now I'm going to read you a list of what people might do when faced with such problems. Some people take no action at all. Others may talk directly to the person involved, or get together with other business people to try to solve the problem, call the police, call their alderman or a city agency, or something else.

(FOR EACH BIG PROBLEM):

You said that _____ was a big problem:

	81.		82.		83.		84.		85.		86.		87.			
	Is the problem due to any particular business? IF YES: which one		have you taken any action to try to solve this problem? IF YES: ASK Q. 83-87		have you dealt directly with those who caused it?		have you gotten together with other business people to solve problem?		have you called police?		have you called city council member, or other official?		have you taken any other action? SPECIFY BELOW			
PROBLEM	YES	NO	TYPE	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	
vacant																
a	1	0		1	0	1	0	1	0	1	0	1	0	1	0	9-16
litter																
b	1	0		1	0	1	0	1	0	1	0	1	0	1	0	17-24
upkeep																
c	1	0		1	0	1	0	1	0	1	0	1	0	1	0	25-32
vandal.																
d	1	0		1	0	1	0	1	0	1	0	1	0	1	0	33-40
loiter.																
e	1	0		1	0	1	0	1	0	1	0	1	0	1	0	41-48
teens.																
f	1	0		1	0	1	0	1	0	1	0	1	0	1	0	49-56
strang.																
g	1	0		1	0	1	0	1	0	1	0	1	0	1	0	57-64
harass.																
h	1	0		1	0	1	0	1	0	1	0	1	0	1	0	65-72,
																1-2
																3-8
drunks																
i	1	0		1	0	1	0	1	0	1	0	1	0	1	0	9-16
pur.sn.																
j	1	0		1	0	1	0	1	0	1	0	1	0	1	0	17-24
drugs																
k	1	0		1	0	1	0	1	0	1	0	1	0	1	0	25-32
prost.																
l	1	0		1	0	1	0	1	0	1	0	1	0	1	0	33-40

PROBLEM	ACTION TAKEN				office use				

41-43

44-46

47-49

88. In some shopping areas, customers park on the residential streets. This can cause problems for residents. How big of a problem is this around this shopping area? Is is:

a big problem 2
 somewhat of a problem ... 1
 not a problem at all 0
 refused/don't know 9

50/

				0	7

1-2
 3-8

Now I'm going to ask you the same set of questions about three different areas in this shopping center: inside your establishment, right outside your establishment, and in the shopping area as a whole. For each statement, I'd like you to tell me how much you agree or disagree. (HAND R. CARD C)

89. First, let's consider the area inside your business or establishment. Thinking about this area, please tell me how much you agree or disagree with the following statements:

	AGREE STRONGLY	AGREE SLIGHTLY	DISAGREE SLIGHTLY	DISAGREE STRONGLY	REFUSED/D.K.	
--	----------------	----------------	-------------------	-------------------	--------------	--

- | | | | | | | |
|---|---|---|---|---|---|----|
| a. I have a lot to say about what goes on. | 4 | 3 | 2 | 1 | 9 | 9 |
| b. I feel personally responsible for what goes on. | 4 | 3 | 2 | 1 | 9 | 10 |
| c. I can tell people who belong there from outsiders. | 4 | 3 | 2 | 1 | 9 | 11 |
| d. If there's a suspicious person hanging around, someone's bound to call the police. | 4 | 3 | 2 | 1 | 9 | 12 |
| e. I'm likely to be bothered by undesireables. | 1 | 2 | 3 | 4 | 9 | 13 |
| f. It's hard to keep people out if you don't want them there. | 1 | 2 | 3 | 4 | 9 | 14 |

90. Now let's consider the sidewalk in front of your establishment or the parking lot next to it. Tell me how much you agree or disagree with each statement I read as it applies to these areas.

	AGREE STRONGLY	AGREE SLIGHTLY	DISAGREE SLIGHTLY	DISAGREE STRONGLY	REFUSED/D.K.	
--	----------------	----------------	-------------------	-------------------	--------------	--

- | | | | | | | |
|---|---|---|---|---|---|----|
| a. I have a lot to say about what goes on. | 4 | 3 | 2 | 1 | 9 | 15 |
| b. I feel personally responsible for what goes on. | 4 | 3 | 2 | 1 | 9 | 16 |
| c. I can tell people who belong there from outsiders. | 4 | 3 | 2 | 1 | 9 | 17 |

AGREE STRONGLY	AGREE SLIGHTLY	DISAGREE SLIGHTLY	DISAGREE STRONGLY	REFUSED/ D.K.
-------------------	-------------------	----------------------	----------------------	------------------

- d. If there's a suspicious person hanging around, someone's bound to call the police. 4 3 2 1 9 18
- e. I'm likely to be bothered by undesireables. 1 2 3 4 9 19
- f. It's hard to keep people out if you don't want them there. 1 2 3 4 9 20

91. Finally, think about the rest of this shopping area. That is, the other stores around here, the street and the sidewalk. For each statement, tell me how much you agree or disagree with it as it applies to these areas.

AGREE STRONGLY	AGREE SLIGHTLY	DISAGREE SLIGHTLY	DISAGREE STRONGLY	REFUSED D.K.
-------------------	-------------------	----------------------	----------------------	-----------------

- a. I have a lot to say about what goes on. 4 3 2 1 9 21
- b. I feel personally responsible for what goes on. 4 3 2 1 9 22
- c. I can tell people who belong there from outsiders. 4 3 2 1 9 23
- d. If there's a suspicious person hanging around, someone's bound to call the police. 4 3 2 1 9 24
- e. I'm likely to be bothered by undesireables. 1 2 3 4 9 25
- f. It's hard to keep people out if you don't want them there. 1 2 3 4 9 26

Now, just a few more questions.

92. If two people you did not know were arguing loudly inside your establishment, would you try to do something about it yourself, call the police, or try to ignore it?

- try to do something 2
 - call the police 1
 - try to ignore it 0
 - refused/don't know 9
- 27

93. If two people you did not know were arguing loudly on the sidewalk in front of your establishment or in the parking lot next to it, would you try to do something about it yourself, call the police, or try to ignore it?

- try to do something 2
 - call the police 1
 - try to ignore it 0
 - refused/don't know 9
- 28

94. If two people you did not know were arguing loudly somewhere else in the shopping area, say just down the street, would you try to do something about it yourself, call the police, or try to ignore it?

try to do something 2
 call the police 1
 try to ignore it 0
 refused/don't know 9

29

Now, a few more questions about your establishment.

95. Have you made any expansions or other major capital improvements at this site in the past few years?

yes 1
 no 0 (SKIP TO Q. 96)
 refused/don't know 9

30

IF YES: 95A. Can you tell us about how much you invested? \$ 31-35

96. Do you plan any expansion or capital improvements at this site in the next few years?

yes 1
 no 0
 refused/don't know 9

36

97. Do you have any plans to relocate your establishment to another area?

yes 1
 no 0 (GO TO Q. 98)
 refused/don't know 9

37

IF YES: 97A. WHY? (THEN SKIP TO Q. 99)

38

98. How much would you like to move your establishment to another location?

not at all 3
 a little 2
 very much 1
 refused/don't know 9

39

99. What proportion of your customers come from this neighborhood? 40-42

100. On average, what do you think is the economic future of your business? Will it improve, stay about the same, or get worse during the next five years or so?

improve 3
 stay the same 2
 get worse 1
 refused/don't know 9

43

101. During the past few years, have your after-expense profits increased on the average, stayed about the same, or decreased?

- increased 3
- stayed the same 2
- decreased 1
- refused/don't know 9

44

102. What was your gross sales volume last year?

- less than \$25,000 0
- \$25,000 to \$50,000 1
- \$50,000 to \$100,000 2
- \$100,000 to \$250,000 3
- \$250,000 to \$500,000 4
- \$500,000 to \$1 million .. 5
- over \$1 million 6
- not applicable 8
- refused/don't know 9

45

103. What year were you born? _____

--	--

46-47

104. INTERVIEWER INFERENCE [ASK ONLY IF UNCERTAIN]

What racial or ethnic group do you belong to?

- black 1
- white 2
- American Indian 3
- Hispanic 4
- Asian 5
- other SPECIFY _____ 6
- refused/don't know 9

48

105. INTERVIEWER INFERENCE:

- female 1
- male 2

49

106. What is the highest school certificate, diploma or degree you have received?

- none 1
- up to 8th grade 2
- some high school 3
- high school/GED 4
- some college 5
- bachelor's degree 6
- post-graduate degree 7
- refused/don't know 9

50

107. What was your total approximate household income for the past year before taxes?

- under \$10,000 1
- \$10,000 - \$20,000 2
- \$20,000 - \$30,000 3
- \$30,000 - \$40,000 4
- more than \$40,000 5
- refused/don't know 9

51

Commercial Area Observation Instrument Instructions (Stage II)

1. Background Data

The observer should record the following: the residential/commercial area's identification number, the street names at the area intersection, time, date, day of week, weather and observer's name.

2. Business Classification

- a. Type - descriptive account of each business observed (e.g. furniture, motorcycle, bakery, etc.)
- b. Code # - attach the corresponding classification code number to each business observed after other coding has been completed (back at the office).
- c. Bus shelter - count the number of enclosed bus shelters and put the total number in the center in the space provided. Attach corresponding classification code number when back at the office. For each bus shelter, code whether or not graffiti or litter is present, using the protocols and codes listed below.

Code all businesses within the delineated boundaries of the commercial center. If one block or more of residential units separates some businesses from the rest, collect data only on those businesses at the main intersection.

3. Use Patterns

a. Business Hours:

- 0 = daytime to 6 p.m.
- 1 = 6 to 10 p.m.
- 2 = after 10 p.m.
- 9 = unknown

Ask if not posted and you have reason to suspect they might be open during evening hours. If open one night only or "evenings by appointment" code as "0"; if open two or more evenings code as 1 or 2 (whichever is appropriate). If hours are not posted and it's impossible or difficult to ask and if there is any reason to doubt whether or not it's open at night, code it "9". Do not try to "guess".

4. Building Condition

a. Graffiti present on exterior building walls:

- 0 = no
- 1 = yes

If you have to wonder whether or not there's graffiti on a building don't count it.

- b. Litter: Definition - litter is present in front of a building if one of the following conditions are met: any paper newspaper size or larger; 3 or more medium-sized pieces of paper; more than 6 small-size pieces of paper (e.g. gum wrappers, cigarette butts); any bottles or cans; broken glass from a bottle or window; trash overflowing around a trash can or container; or accumulated junk (tires, cars, building materials or parts, or whatever, that is an eyesore and in poor condition). Code a "1" unless the litter is extreme, for instance, when numerous newspaper sized pieces are bunched or where junk piles are obtrusive; then code "2". Count litter on sidewalks, in front or side parking lots, and in side alley, but not that in the street.

0 = No litter
 1 = Yes; some litter
 2 = Extremely littered

5. Defensive Modifications to Building

- a. Access barriers (includes "burglar bars"/wire mesh on door or windows, barbed wire/electronic fencing, any other physical barriers designed to delay or restrict access or entrance to building)

0 = No
 1 = Yes

- b. Alarm systems and alarm warning stickers (include if any form of system is observable and/or sticker indicating alarm system is present)

0 = No
 1 = Yes

- c. Other warning stickers on door or windows (includes posters/signs and any other non-alarm warning stickers; e.g., Operation I.D., "Shoplifters Will Be Prosecuted", "Premises Patrolled", "No Class A Narcotics Sold", "No Safe on Premises", etc.

0 = No
 1 = Yes

- d. Other defensive modifications observed (e.g., cameras, security personnel, guard dog, keep gun, etc.); please specify

0 = No
 1 = Yes

The defensive modifications must be clearly for that purpose to be counted. For example, do not count window shades/curtains which obstruct interior view. Do not count something if you have a reason to doubt whether or not it is a security device.

6. Business Associations/Organizations

Record each business which has a sticker, sign or poster visibly displayed, indicating it is a member of a business association or organization in the neighborhood.

0 = No
 1 = Yes

1. Business Classification Codes

Wholesale/ Industrial	500	
Retail	520	Hardware, building supplies, nurseries
	531	Department, variety, general merchandise stores
	541	Grocery stores, general
	542	Specialty foods stores: butcher, health, candy
	545	Convenience grocery
	546	Bakery
	551	Car dealers, new (inc. trucks, mobile homes, RV's), rentals
	552	Used car dealers
	553	Auto supply stores
	554	Gasoline service stations, repair
	555	Motorcycles
	560	Clothing stores, general
	563	Boutiques, specialty stores
	570	Specialty household goods
	571	Furniture, carpet, home accessories, appliance stores
	572	Antique shops
	573	Fine arts for sale; art gallery, studio
	580	Restaurants
	581	Bars, night clubs (drinking places)
	582	Chain restaurants (fast foods)
	583	Take-out restaurants
	591	Drug stores
	592	Liquor stores
	593	Used merchandise/thrift stores
	594	Miscellaneous retail: gifts, hobbies, sports, jewelry, etc.
	595	Jewelry
	596	Sporting goods
	599	Miscellaneous perishable: florist, tobacconist, news, etc.
Financial	600	Banks, savings & loans, investment services
	610	Finance companies
	616	Loan brokers (pawn shops)
	640	Insurance agencies
	650	Real estate offices
	699	Other financial services
Commercial Services	700	Hotels, motels
	701	Rooming houses
	720	General personal services: photography, funeral, diaper service
	721	Laundries, coin-operated
	722	Dry cleaners
	723	Beauty or barber shops
	724	Sex businesses: saunas, massage/"rap" parlors, x-rated theaters
	730	Contractual business services: consulting, security, etc.
	733	Duplicating, printing
	736	Temporary manpower
	753	Auto repair, tires
	760	Minor repair shops: shoes, T.V., appliances, plumbing, etc.
	765	Home contractor services
	780	Movie theaters, movie-related business
	790	Amusements, general entertainment
	792	Bowling
	793	Billiards and pool
	794	Theater, performing arts
	799	Other commercial services

Professional Services	800	Professional offices: doctors, dentists, lawyers, etc.
	821	Public schools
	822	Colleges
	823	Libraries
	824	Business schools, vocational-technical schools
	830	Social services: day care, half-way, etc.
	860	Professional, trade, business organizations
	861	Religious organizations, churches (orthodox)
	862	Store-front churches, religious groups
	863	Fraternal organizations
	910	Government offices
	926	Police, public safety, fire
	999	Other professional services
	100	Vacant - for rent
	101	Building rehabilitation in progress
	102	Boarded up - vacant

2. Use Patterns

a. Business Hours:

- 0 = Open daytime hours only
- 1 = Open later than 6:00 p.m., but closes 10:00 p.m. or before
- 2 = Open after 10:00 p.m.
- 9 = Unknown; cannot be discerned

Ask if not posted and you have reason to suspect they might be open during evening hours. If open one night only, code as "0"; if open two or more evenings, code as 1 or 2 (whichever is appropriate). If hours are not posted and it's impossible or difficult to ask and if there is any reason to doubt whether or not it's open at night, code it "9". Do not try to "guess".

b. Offstreet Parking: Enter the estimated number of spaces available.

- 0 = None
- 1-_____ = Estimated number of spaces available
- 999 = Unknown; cannot be discerned

Count spaces only once (i.e., if parking lot is shared, enter for one store only). Do not count spaces unless they are intended for customers, the spaces are clearly visible, or there is a sign that parking is available in the rear. If that is the case, go around to rear of building and count spaces. In counting spaces, don't overestimate by trying to figure out how cars could squeeze into every inch of available space. Be reasonable; count number of spaces marked off and multiply by rows.

3. Building Condition

a. Exterior Building Upkeep Rating:

- 1 = Excellent condition (building exterior does not need any kind of repair)
- 2 = Average condition (building exterior is in generally good/average condition; there are minor signs of disrepair -- e.g., one pane of cracked glass, minor paint peeling; less than 25% of the building shows signs of disrepair)
- 3 = Poor condition (building exterior is in obvious need of repair -- e.g., several windows broken, rotted wood, serious cracks in masonry, whole sections of peeling paint, etc.; more than 25% of the building shows evident signs of needing repair)

b. Graffiti Present on Exterior Building Walls:

- 0 = No
- 1 = Yes

If you have to wonder whether or not there's graffiti on a building, don't count it.

c. Rehabilitation of Building Exterior:

Definition - Evident, recent, extensive changes to the facade of the building.
Do not count as rehabbed if you have any doubts.

- 0 = No
- 1 = Yes

- d. Litter: Definition - Litter is present in front of a building if one of the following conditions are met: any paper newspaper size or larger; 3 or more medium-sized pieces of paper; more than 6 small-size pieces of paper (e.g., gum wrappers, cigarette butts); any bottles or cans.

0 = No
1 = Yes

4. Defensive Modifications to Building

- a. Access barriers (includes "burglar bars"/wire mesh on door or windows, barbed wire/electronic fencing, any other physical barriers designed to delay or restrict access or entrance to building)

0 = No
1 = Yes

- b. Alarm systems and alarm warning stickers (include if any form of alarm system is observable and/or sticker indicating alarm system is present)

0 = No
1 = Yes

- c. Other warning stickers on door or windows (includes posters/signs and any other non-alarm warning stickers; e.g., Operation I.D., "Shoplifters Will Be Prosecuted", "Premises Patrolled", "No Class A Narcotics Sold", "No Safe on Premises", etc.

0 = No
1 = Yes

- d. Other defensive modifications observed (e.g., cameras, security personnel, guard dog, keep gun, etc.); please specify

0 = No
1 = Yes

The defensive modifications must be clearly for that purpose to be counted. For example, do not count window shades/curtains which obstruct interior view. Do not count something if you have a reason to doubt whether or not it is a security device.

BUSINESS SURVEY CODING INSTRUCTIONS

Page 2:

Area #

Interview # - start at "01" for each area

Business type

- Q. 1 "other" respondent
List: (350003863) co-chairman, (61014572) spouse of owner,
(99002862) pastor, (99006862) asst. man.
- Q. 4 "other" type of establishment
List: (97010862) religious, (99002862) church, (99006862) temple
- Q. 5 "other" ownership
List: franchise (04004650) (26006650) (14007582)
salvation army thrift store (91003594)
membership held corp (e.g., union hall) - (45006863)
- Q. 7 Code total hours open for business and circle appropriate response
for column 27.

- Q.11 For all options except "other":
- if not checked, code 0 0 after the slash
- if checked but not ranked, code 1 0
- if checked and ranked, code 1 1, 1 2, 1 3, or 1 4

For "other":

- if nothing, code 0 0
- if something specified, give it a code from one (1) to nine (9) and enter this after the slash along with its rank (columns 53 - 54)
- if second thing specified, use same 1 to 9 codes and enter in columns 55 - 56

Site has no advantages:

- if not checked, code 0 after slash, column 57
- if checked, code 1

"other" codes

- 1 = close to home of owner
- 2 = knowledge of community, good people
- 3 = other businesses have low volume, no spillover trade
- 4 = building excellent; own building
- 5 = good sidewalk traffic; volume of pedestrian traffic; traffic volume
- 6 = location
- 7 = applied for neighborhood improvement grant
- 8 = types of other business contributes to the good of all (e.g. antiques)
- 9 = improving neighborhood

- Q.12 use same procedure as Q. 11
"other" codes
1 = lack of competition
2 = no business organization

- 3 = building shoddy, upkeep poor
- 4 = location, hard to find
- 5 = no room to expand
- 6 = student population, low income, high unemployment
- 7 = other types of businesses
- 8 = far from home
- 9 = misc.: (26001545) - near school, (97011760) - near school

Q.16a If nothing, leave blank

- 1 = know organization name
- 2 = know leader name
- 3 = know both organization and leader's name

Q.17d code services

- 1 = access to new freeway; transportation
- 2 = sanitation, garbage collection (containers)
- 3 = more police patrol; crime prevention
- 4 = parking
- 5 = city services: have sidewalk repaired, design storefront improvements, street work, sewer fixed, snow removal
- 6 = keep business open (e.g. post office Nic/15th); replacement for business (e.g. Nile theater 81005580)
- 7 = MTC bus shelter
- 8 = don't know
- 9 = misc.
marathon (26007541)
organize to stop name change (20006592) (20005571)

Q.17h code types of activities as one thru nine

- if one type of activity specified code in column 30; if two specified, code the first in column 30 and the second in column 31; if nothing leave blank
- 1 = improved lighting; better security measures
- 2 = block parties; break-in meetings; guest speakers; check on each other
- 3 = physical barriers
- 4 = alarm system
- 5 = organized to remove undesirable - prostitutes, etc.
- 6 = organized to remove undesirable business - e.g. Flame Bar (8300751)
- 7 = neighborhood patrols
- 8 = hired security force, petitioned for more police protection
- 9 = misc: hotline for antique dealers (61005572); sponsor kids sport team (97002723); helped Loft Teen Center (20009765); tried to work with police, but they had poor attitude; oversee juvenile advocate program (99008830)

Q.17i use same procedure as Q. 17h; leave blank if nothing

- 1 = organized against other business
- 2 = met to discuss closing of one of the businesses
- 3 = recommended other business to customers
- 4 = discussed trying to attract new business (e.g. bank)
- 8 = don't remember

- Q.22 same procedure as above (code first reason in column 40, second reason in column 41)
9 = 10 (59007554), (20008580)
9 = 12 (45004541), (95001580)
9 = 24 (81003541)
9 = 100 (83008521)
9 = 365 (77001545)

Reasons:

- 0 = shooting
- 1 = vandalism
- 2 = witness car accidents, crime, fire
- 3 = victim of crime: robbery, theft, auto theft, burglary, assault
- 4 = internal theft, non-payment of bills
- 5 = disturbances - domestic quarrels, fighting, panhandling
- 6 = undesireables - drunks, prostitutes
- 7 = parking related problems
- 8 = vagrants, stranger loitering
- 9 = misc:
 - a certain bad kid (99005541)
 - customer forged prescription (16007591)
 - trash, information on dumpster (77004594)
 - previous owner using address to write bad checks (67002580)
 - problem with business next door (67004723)
 - mailbox bombed (45005722)
 - customer refused to pay, customer beat waitress (73002580)
 - deer ran into shop (61011723)
 - witness man slitting wrists at bus stop (20001754)
 - furniture dumped in parking lot (20004765)
 - call about deranged women (77003650)

Q.39r column 76 - how many?

- 1 = 1 2 = 2 5 = company 8 = don't know

column 77 - how often?

- 1 = once/month
- 2 = function specific, periodically
- 3 = daily
- 4 = couple times/month
- 5 = once a week
- 6 = nightly

column 78 - who?

- 1 = police, sheriff deputy (off duty)
- 2 = company security
- 3 = private security company

column 79 - other details?

- 1 = were fired, not doing work
- 2 = they're there during almost entire time store opened
- 3 = buzzer at register to private service
- 4 = at night place checked by U.S. Rangers

Q.39s

- 1 = purchased different safe; used safe
- 2 = put in rear lights
- 3 = locks installed, changed lock when employees leave
- 4 = code for shoplifters

- 5 = block parties, businesses look out for each other
- 6 = attended crime prevention seminars
- 7 = prosecute all violators (i.e. shoplifters, burglars, etc.)
- 8 = physical change: shatterproof glass; keep window shade up, windows open.

Q.40 (right justify, fill in zero)
 \$9,999 = 10,000 (17005580), (35002600)
 \$9,999 = 100,000 (73002580)

Q.68a column 41 - who?

- 1 = customers, members
- 2 = kids, teenagers
- 3 = seniors
- 4 = undesirable (pimps, prostitutes, bums)
- 5 = vagrants, transients
- 6 = drunks, winos
- 7 = kids and adults
- 8 = friends

column 42 - when?; regularity?

- 1 = afternoon; daily after school
- 2 = come for service, use establishment
- 3 = daily
- 4 = nitely
- 5 = few times/week
- 6 = Sundays
- 7 = monthly
- 8 = noon, lunch

column 43 - where?

- 1 = drug, grocery, cafe
- 2 = on the corner, alley, in front of business
- 3 = bus stop
- 4 = parking lot
- 5 = several businesses
- 6 = bar, liquor store

column 44 - activities

- 0 = several street crimes (prostitution, dealing, fencing)
- 1 = hanging out
- 2 = talk, pass day
- 3 = drink, smoke dope
- 4 = play video games
- 5 = create disturbance
- 6 = buy stuff, using business
- 7 = harass, panhandle
- 8 = meetings
- 9 = vandalism

column 45 - owner's reaction?

- 1 = discourage, chase's away, complains
- 2 = encourage, approves
- 3 = indifferent, doesn't bother
- 4 = call police
- 5 = not on property, can't do anything
- 6 = don't like it, disapproves
- 7 = talk to individuals who cause infrequent problems

Q.69a if possible, use same codes as Q. 68a; may need to add numbers
column 47 - who?

column 48 - when? regularity?

column 49 - blank

column 50 - activities?

column 51 - owners' reaction?

Q.70 first three (3) columns: code business type
fourth column = problem type

0 = discrimination

1 = liquor related problem

2 = parking

3 = litter, trash, eye sore

4 = kids hanging out

5 = crime; vandalism, disturbances, panhandling

6 = arcade brings in strangers, undesirable

7 = lack of basic services (food, clothing, etc)

8 = high prices

9 = misc (e.g. unattractive building, fast cars)

- prostitutes, gambling (20011730)

- fast car (26005593)

- cater to undesirable (20003581), (20004765)

- crime: dealing and prostitution (20005571)

- fearful of what will happen if pizza gets beer or wine license -
selling to minors (35003863)

Note: new business codes

888 - all businesses

887 - several businesses

Q.71 Space for two complaints mentioned by respondent; use same procedure
as Q.17 h and i.

- use same "problem type" codes as Q. 70

misc.

- head shop use to sell paraphanelia (it moved) - (67006800)

- run down business (73001594)

- undesirable (20004765)

- drug store closed permanently, donut shop temporarily (97012723)

- afraid of street crimes at nite (73015723)

- Applebaum's - nuisance (16007591)

- resident preferred that the money was used on improving the inside
of businesses rather than sidewalks (99003594)

Q.72b column 74

1 = why bother; cynical

2 = knew kids

3 = small amounts of merchandize, not important

4 = would not be prosecuted

5 = police could not do anything

6 = took care internally

7 = not caught

8 = insurance does not cover; cannot trace

9 = other - "this side of the street I am the law." (83006592)

Q.72d column 8 (card 4)

- 1 = don't keep cash on hand; put money in safe; put money away
- 2 = watchdog
- 3 = security cameras, alarm systems
- 4 = requested more police protection
- 5 = physical barriers, mesh wire on windows, locks, changed layout
- 6 = improved internal security measures, fired an employee
- 7 = no women at night
- 8 = shatterproof glass (?)
- 9 = other - kept trucks inside (97013500)
 - good lock up at night (67008580)

Q.73b column 14

use same codes as Q. 72b

Q.73e column 22

same codes as Q. 72d

Q.74a 99 = 365 ()

Q.74c who did it? - column 28

- 1 = teenagers, kids
- 2 = previous employee
- 3 = drunks
- 4 = customers
- 5 = residents of neighborhood
- 8 = don't know
- 9 = refused

why? - column 29

- 1 = retaliation
- 2 = part of fight
- 3 = accident
- 4 = killing time, bored, something to do
- 5 = racism
- 8 = don't know
- 9 = refused

Q.75a

- 99 = 100 (06004545), (77001545)
- 99 = 104 (99005541)
- 99 = 162 (81003541)
- 99 = over 700 (20005571)

Q.75b column 35

same codes as Q.72b and Q.73b

Q.75c column 36

- 1 = banned, kicked out, emptied pockets
- 2 = notified parents, lectured (stern talk)
- 3 = limit availability of merchandise; warning stickers
- 4 = detection measures (shoplifting code)
- 5 = prosecuted, had arrested

- 6 = watch more carefully
- 7 = knew person, made give back merchandise
- 8 = worked only with police liason

Q.78b first three columns: business type code
fourth column: crime type

- 1 = robbery
- 2 = burglary
- 3 = theft, shoplifting
- 4 = vandalized
- 5 = robbed and shot owner
- 6 = shot
- 7 = purse snatching
- 8 = auto theft

Q.81 type of business: created one column business code
(use 1st stage classification of commercial land uses, see table 4.2)

- 0 = vacant
- 1 = entertainment
- 2 = general retail goods
- 3 = specialty retail goods
- 4 = personal services
- 5 = commercial services
- 6 = financial services
- 7 = convenience retail goods
- 8 = business goods and services
- 9 = non-business uses: public or non-profit

If answer yes to Q.87, and some action specified below:

- use first two columns (e.g. 40-41) for problem type (01 to 12)
- use third column for action taken
- 0 = spoke with community leader
- 1 = petitioned to have business shut down
- 2 = refused service
- 3 = routinely check business at night
- 4 = pick up trash, fix up place
- 5 = business people get together
- 6 = altered structure of building
- 7 = make them go on about their business, threaten physical violence
- 8 = talked to landlord
- 9 = misc: the business people got together and hired a man to clean up the center (99003594)

Q.95 99,999 = 100,000 (35002600), (16005600)
 99,999 = 110,000 (31003542)
 99,999 = 120,000 (04005760)
 99,999 = 150,000 (73002580)
 99,999 = 200,000 (83007571), (16002541)
 99,999 = 300,000 (16003765)
 *99,999 = 500,000 (20011730)

Q.97a why?

- 1 = business growing need more space
- 2 = potential transportation access problem
- 3 = customers lack adequate wealth to sustain business

* indicates deleted from sample

- 4 = not visible enough location
- 5 = higher quality area; get away from riff-raff
- 6 = moving out of state
- 7 = city took property away
- 8 = conditional; only if can't get necessary improvements

Q.103 enter last two digits in boxes

General comments:

- Q.23 - would like to see the police walk them occasionally (99002862)
(99003594)
- Q.37 - manager of Knowlans associates small likelihood of robbery with lack of many blacks in neighborhood and with distance from freeway access (26007541)
- Q.39r - hired night watchman who stays in the bar from midnight until 8 a.m. (20003581) - Chatterbox bar
- Q.39s - installed fence at side of building and greased it (91006554)
- use cameras occasionally to check up on cashiers (26007541)
- Q.54 - mentioned feeling the pinch from competition with Target on Lake street (97002723)
- Q.68a - bums and young black kids appear on the streets a few times a week. Said kids ok, but bums should go (20001754)
- young black kids harass, snatch purses. Does not like it, claims frightens older people. Notes police aren't any help (20003581).
- school kids hang out in alley behind Speedy Market, they smoke; claims owner of Market thinks its okay (97006723).
- Q.72d - installed physical barriers - welded bars covering roof hatch (83009723)
- Q.73e - question related to shoplifting. Response: "if it happened again comes out of employee checks." (97004760)
- Q.75b - "This side of Nicollet I'm the law" Markers liquor (83006592)
- Q.78b - this question only allowed for four responses. Bouchard's furniture had more. Since last August the following were victimized:

cleaners	armed robbery (4X)
shoe shop	robbed
drug	robbed
hair salon	robbed
religious	robbed
barber	attempted robbery
Burger chef	robbed
gas station	robbed

Q.87 - altered structure of building
put oil on the steps, poured urine and things into vacant Dairy
Queen to try and smell vagrants out (83005571)

Other general comments:

- woman at beauty shop remarked that the people who hang out at the gameroom make her feel uneasy (99001723)
- Pastor of Church and God and Christ hopes to see the business association come up with a package which over time will result in new businesses in area. Goal is to make the corner more viable; generate new business. The idea is to invest in one business -- say a restaurant or store with an apartment over top -- and use the profits from that business to reinvest in a new business. Ultimately by following this plan the area will be reborn. (area 990)

CODES FOR OPEN-ENDED QUESTIONS (RESIDENTS)

- Q.27 "other"
5 = motorcycle
6 = bicycle
- Q.28 - if mention specific business type, code as "to shop" - e.g. get gas, haircut
- Q.29f - "other" codes
1 = good quality and number of businesses
2 = fits in with local area, likes small town atmosphere, everyone knows one another
3 = clean area
4 = there's a bus stop
5 = works there
9 = other - check cashing not available (317001)
- Q.31f 1 = not enough businesses; no grocery store, etc.; businesses not open enough hours, or dislike particular business
2 = lack of parking; businesses are too busy
3 = should be residential, not business
4 = shopping area is deteriorated
5 = poor upkeep, maintenance of sidewalks or businesses (unclean, etc.)
6 = people creating disturbances (bus stop, store)
7 = business people are unfriendly
8 = atmosphere could be more pleasing
9 = other - racial discrimination
- lack of advertising
- Q.38 (2 columns) - problems
01 = loitering; hanging out
02 = gambling; drugs
03 = small number of customers, could be a better, more useful business there
04 = litter, trash, store is dirty
05 = vacant, people could break in
06 = business appearance, upkeep
07 = parking; too much traffic in area
08 = business bring in undesirables; other businesses don't like
09 = fights, noise, disturbances
- Q.49i (2 columns) - "other"
Use following codes to code up to two "other" precautions; if only one "other" is noted, use left-hand column and code 0 in second column.
1 = keep alert, watchful; surveillance
2 = take dog along
3 = trained to take care or protect self
4 = try not to appear vulnerable
5 = park under light at night
6 = avoid alley (or something else)
7 = carry keys so easily accessible
8 = try to get to know people in neighborhood; avoid suspicious people
9 = put valuables in trunk

NOTE: If lock bike or moped, circle "yes" for lock car

- Q.56 1 = take care of problem myself, e.g. pick up litter, clean up area
2 = take security precautions, e.g. dead bolt locks, never take purse with me, never walk alone
3 = talked to business where problem is occurring

Q.61a - assign business specific codes to businesses

- Q.68 - "other"
6 = live above business
7 = townhouse (291010)
8 = condominium

Q.70 - "other"
keep as is, but list below: Jamaican, Egyptian

Q.72 and 73
- insert leading zeros
- if refused code 99

Q.69 and 77
- leave blank if questions skipped
- if refused, code 99 (both Q.69 and Q.77)
- for Q.69, if give range, code midpoint

Q.77 - occupation categories
01 = professional; managerial
02 = sales
03 = clerical
04 = craftspeople
05 = operatives, including transport and equipment
06 = laborers
07 = service
08 = household
09 = miscellaneous
- musicians (364002), (399006), (397010), (114006)
- owner of business, self employed (159003), (164001), (373002), (377010)
- freelance actors (364005)
- light and soundmen for band (275008)
- graphic artist for ad firm (206012)
- lab technician (335003)
- building management/real estate (114009)
- hospital supervisor (399023)
- assistant day care teacher (399024)

Use Pattern Observation Schedule Instructions

A. Observation Zones and Location

The location point from which observations are to be recorded will be determined in a preliminary visit to the commercial center. These observation points will be selected on the basis of the availability of unobstructed sightlines and on perceived density of activity, so that all pedestrians can be observed and coded.

In some centers, a single observation location will be sufficient to observe the activity of the entire center, in which case a solitary observer will record the information outlined below for 15 minutes at each scheduled time period. In other centers, more than one observation point will be necessary because of the physical layout or denseness of activity. In these cases the centers will be divided into two or three zones, with separate observers being responsible for the activity in each zone for the same 15 minutes.

The creation and assignment of zones to observers will be made in such a way to minimize the multiple coding of individual pedestrians. Criteria for the partitioning of the centers into zones include the presence or absence of particularly busy or magnet-type businesses and physical design features such as businesses set back from the sidewalks which inhibit observations. In centers where two or more zones are established, each observer will be responsible for coding only, but all, of those pedestrians who enter their zone from outside the designated boundaries of the commercial center. The observer will begin coding by marking down all persons who are in the center in a public space (not in a store) when the coding period begins. From that point on, s/he will code only those persons who arrive in his/her zone from outside the commercial center. Observers will not code pedestrians who enter their zone from an adjacent zone which is being coded by another observer. Pedestrians should be tracked long enough to insure placement into the most appropriate activity category. For example, if someone at first sight appears to be passing through, they must be visually followed until the coder is satisfied that a business was not entered.

B. Recorded Data

1. Background information.

The observer should first record the commercial center location and code number, the specific observation location, date, day of week, weather, and time at start of observation. Upon the completion of coding, record the time stopped.

2. Group size.

Record a "1" when an individual is observed to be alone in the center. When two or more individuals have arrived together in the center, meet upon arrival in the center, or otherwise appear to be together, record the number in the group on the line opposite the first person in the group. Consecutive rows on the coding sheet are to be used to record all information about each individual member of the group. Included in the group category is a mother and/or father and the accompanying children.

3. Sex.

Record whether male or female.

4. Race.

Record whether white, black, Hispanic, American Indian, Asian or other. If the race is not known or indiscernible code "unknown."

5. Life-cycle Stage.

Record whether individual is a child, teenager, adult or senior citizen. For coding purposes, a child is 12 years of age or younger, a teenager is 13 to 18 years old, an adult is over 18 years of age, and a senior is 62 years of age or older.

6. Primary Activity Type.

For each individual, record the one activity described below which best describes the nature of their behavior while in the commercial center. Record only those who are pedestrians and not those who, for example, accompany others but remain in an automobile.

a. Business/service use. Individual observed to enter a business, service, or other commercial establishment. Because of potential double-counting at densely used establishments, record only those who enter, not those who exit. Include in this category those who are in the center to specifically use a public telephone or mailbox.

b. Stationary -- no aim. Standing or sitting in commercial center, without any observable business or work-related purpose -- e.g. "hanging out."

c. Working. Record those who are performing some job-related task in the center. This includes delivery workers, postal workers, construction and utility workers, and those people employed in the center who are observed to perform a work-related task outside their building such as service station attendants and proprietors who sweep the sidewalks, make deliveries, or take out the trash.

d. Passing through. Walking, jogging, bicycling, rollerskating, etc. on the sidewalk -- entering at one point in the commercial center and exiting at another without entering a business or engaging in other behavioral categories.

e. At bus stop. Waiting at bus stop, or observed to enter or exit a bus. Because of periods of dense use, individuals exiting a bus should not be tracked to see if they use a business, for example, but their primary activity should be coded as "at bus stop."

f. Drive-up use. Record here the number of vehicles observed to use full-service gas stations, drive-thru banks and fast food establishments. Because drivers remain inside the vehicle, no demographic information will be recorded and the designated columns should be left blank.

g. Other. Note any recording difficulties, or describe any primary activity which does not fit other categories.

7. Business Use

For those individuals who are observed to enter a business in the center, record the type of business they enter from among the types listed. The businesses specified on the form -- grocery (including 7/11-type convenience grocery), restaurant, bar or liquor store, bank, and drug store -- are those which may be considered "magnet" businesses, i.e., they attract a greater-than-average number of customers. Use the "other" column to record all other business uses. If, during coding, another business of a type not listed appears to be a "magnet," use the column entitled "comment" to record those individuals entering. Then, on page 4, specify the type of business it is.

8. Potential Problem Behavior

This category is not to be used in lieu of coding a "primary activity type," but is to be used in addition if the observed behavior is indicative of a potential problem in the center. Thus, all individuals are coded for primary activity and also coded here if their behavior is judged not to be a "legitimate or proper" use of the commercial center, or if it is judged to have the potential to create problems or be perceived as a problem by other users of the center. If the individuals' actions fit these criteria, place a check in this column and go to page 4 to code and describe the potential problem behavior. Multiple codes for problem behavior are permissible.

Coding Instructions

Upon return to the office, use the same sheet to code the recorded information. Using the blank column on the right-hand side of each variable (sex, race, life stage, primary activity, business use, and potential problem behavior), record the appropriate code number for each recorded observation.

1. Layout of commercial area:

- 1 = Node (stores on four corners of intersection)
- 2 = Strip node (stores on a single street with residential uses at both ends)
- 3 = Strip segment (a portion of a continuous commercial strip)
- 4 = Split or scattered node (neighborhood commercial with many residential between businesses)
- 9 = Other; specify _____

2. Commercial/residential integration:

- a. Number of single-family residences interspersed within the commercial areas. (Count houses which are in part a business as a residence within the node; in addition to classifying the business on page 1.)
- b. Number of multi-family buildings (duplexes, tri/four plexes, apartment buildings) interspersed within the commercial area - (count buildings, not number of units).
- c. Number of stores with apartments over the commercial area. (Count the number of commercial establishments, not number of apartments.)
- d. What is the predominant residential type contiguous with the commercial area?
 - 1 = Greater than 75% single-family
 - 2 = Greater than 75% multi-family
 - 3 = Mixed single and multi-family

3. Number of current establishments being rehabilitated.4. Number of current new commercial construction projects in area.5. Economic vitality rating for the commercial area:

- 1 = Commercial area shows clear, unmistakable signs of economic vitality; area is thriving and growing
- 2 = There are some signs that business economic activity is on the up-swing; some signs of improvement
- 3 = Commercial area appears to be economically stable; but the area could go either way
- 4 = There are some signs that business economic activity is declining
- 5 = Commercial area shows unmistakable signs of being economically depressed

In determining an economic vitality rating for each area, look for the following:

number of customers inside stores; pedestrians window-shopping; signs of economic investment and expansion (buildings going up, rehab or remodeling in progress), vs. disinvestment (vacant and boarded-up buildings, space for lease); overall appearance and upkeep of the commercial area; signs of cooperative, planned business activities (malls, common facades); signs of reduced business volume (shops closed; hours reduced or irregular)

_____ 6. Are there physical barriers which set commercial areas off from the surrounding residential area?
(e.g., railroad tracks, lake, freeway, cemetery, manufacturing, etc.)

0 = No

1 = Yes; list _____

7. General comments:

a. Length of time in area _____ b. Number of times stopped and questioned _____

By whom? _____

c. Comments about people:

d. Any special or peculiar features about the area; other general comments:

COMMERCIAL AREA OBSERVATION INSTRUMENT (Stage II)

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(5)

Residential/Commercial Area I.D. Number _____ Area Intersection _____

Time _____ Date _____ Day of Week _____

Observer _____ Weather _____

Business Classification		Use Patterns	Condition		Defensive Modifications			
Type	Code #	Business Hours	Graffiti	Litter	Access Barriers	Alarm System & Warn.	Other Warning Stickers	Other
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								
15.								
16.								
Bus Shelter								