Land Use and Travel Behavior

Appendix A: Survey Instruments

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MOBILITY AND LIVABLE COMMUNITIES STUDY INSTITUTE OF TRANSPORTATION STUDIES UNIVERSITY OF CALIFORNIA, DAVIS, CA 95616

Phase 1 Background Questionnaire

1.	Your first name:
2.	Are you □ Female □ Male ?
3.	How old are you? years old
4.	Do you have a driver's license? ☐ No ☐ Yes
5.	Are you employed?
	□ No → Go to Question 11 on Next Page □ Yes • Work Location
	One-way home to work distance: miles (enter "0" if you work at home)
6.	Do you work Pull time Part time ?
7.	How would you describe your job?
	□ Administrative Support/Clerical □ Professional/Technical □ Managerial □ Self-employed □ Sales □ Production/Construction/Craft □ Other(specify)
8.	What is your primary means of travel to work?
	□ Drive alone □ Bicycle □ Car/van pool □ Walk □ Public transportation □ Work at home □ Other (specify)

9.	How frequently do you share a ride to work? (Include informal ride-sharing with other employed family members or friends as well as formal car/van pools, but not public transportation)
	 □ Never □ Less than once a month □ 1-3 times a month □ Once a week □ More than once a week
10.	How frequently do you ride public transportation (bus, train, etc.) to work?
	☐ Never ☐ Less than once a month ☐ 1-3 times a month ☐ Once a week ☐ More than once a week
11	. Do you go to school?
	□ No → Go to Question 16 on Next Page □ Yes • School Location (Nearest intersection or street address) (city)
	(Medical molocoder of an artist all a second of an artist all a second of a se
	One-way home to school distance: miles
12	2. Do you go to school
13	3. What is your primary means of travel to school?
	 □ Drive alone □ Car/van pool □ Public transportation □ Bicycle □ School Bus □ Walk
	Other (specify)

14.	How frequently do you share a ride to school? (Include informal ride-sharing with other family members or friends as well as formal car/van pools, but not school bus)
	□ Never □ Less than once a month □ 1-3 times a month □ Once a week □ More than once a week
15.	How frequently do you ride public transportation (for example, bus or train) to school? (Do not include school bus)
	□ Never □ Less than once a month □ 1-3 times a month □ Once a week □ More than once a week
16.	What is your educational background?
	□ Some grade school or high school □ High school diploma □ Some college or technical school □ Four-year college or technical school degree □ Some graduate school □ Completed graduate degree(s)
17.	In case we have questions on your responses, may we contact you by phone? No Pes; Daytime phone number

We would value any comments you may have regarding the subject of this study. Please feel free to write them on the back of this page. Thank you for mailing back your completed travel diary together with this questionnaire.

COMMENTS

MOBILITY AND LIVABLE COMMUNITIES STUDY INSTITUTE OF TRANSPORTATION STUDIES UNIVERSITY OF CALIFORNIA, DAVIS, CA 95616	Please list all the vehicles you drive. Then, for any driving trips you make, use this numbering to indicate which vehicle you used. If you do not drive, please begin recording your trips on the next page.	Vehicle #1 Make	Model	Year	Vehicle #2 Make	Model	Year	Vehicle #3	Make	Year	Vehicle #4	Model	Year	
A CONTROLL OF THE CONTROLL OF		PERSONAL TRAVEL DIARY	では、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、「大学のでは、	Please read the instructions on the green	*Silver beginning to fill out your diary ** If of ease of reference a summary description If of the trip purposes is provided on the back of	Hyery page of this drary.			Travel Survey, Days: June 3, 4, and 5	during this three-day period		Your Name:		UCD USE ONLY

DESCRIPTION OF TRIP PURPOSES

	-						and the second	************			a - eragininisi •
Trips made to change your means of travel on your way to a final destination (for example, driving to a park-and-ride lot to join a vanpool).	A trip ending at home. Not necessarily the last trip of the day.	All trips made to your usual work place.	Trips made to carry out work business at locations other than the main work place (for example, attending business meetings, calling on customers).	Trips made to attend classes.	Trips for shopping or browsing.	If the main reason for your trip is to drop off or pick up someone, then it falls in this category.	These include trips made to carry out personal business such as going to the bank, post office, or the mechanic.	For example, a social visit to a friend or relative, a trip to participate in or watch a ball game, a trip to the movies or theater, and so on.	Trips made to a restaurant or fast food place to dine or carry-out.	A trip to a doctor, dentist, or medical or dental clinic.	If you feel that the trip does not fall into any one of the above categories, check this box and try to specify the kind of trip.
TRANSFER TO DIFFERENT MEANS OF TRAVEL	RETURN HOME	WORK	WORK RELATED	SCHOOL	SHOPPING	DROP OFF/ PICK UP PASSENGERS	PERSONAL BUSINESS	SOCIAL	EAT MEAL	MEDICAL/ DENTAL	ОТНЕВ

<u>-</u>	
• . •	
ļ	☐ Yes → Continue below
	Trip Began []: [] am Opm
ė	At CHome DWork CSchool COther
	(Address or cross streets) (city)
	Trip Ended []: [] cam copm
	At D Home D Work D School D Other
	(Address or cross streets) (city)
i	
	☐ Transfer to Different ☐ Drop off/pick up Means of Travel passengers
,	O Return Home
	☐ Work ☐ Social/Recreation
	☐ Work Related ☐ Eat Meal
	☐ School ☐ Medical/Dental
	☐ Shopping ☐ Other (specify)
. <u>-</u> -	Means of Travel
٠. ٠	☐ Drove Vehicle # ☐ Light Rail
:	☐ Rode in car/truck/van ☐ Amtrak
····	Bus
	D pe
	□ Other (specify)
٠-	Number of Persons In Vehicle
•	Location of Parking
-	040
	□ Off-site lot/garage □ Not applicable
-	Parking or Transit Cost
	☐ Free ☐ Paid \$ ☐ Not applicable
-	ild for this Trip
•	O Not appli
•	ngth of Tri
**	Distance on Freeway:

how to fill out your travel diary

WHO SHOULD FILL OUT THE DIARY? All members of your household who are age 16 or older are requested to fill out the blue background questionnaire and the travel diary. If there are not enough background questionnaires or travel diaries, please call the ITS office at 752-1914 and request additional copies.

FIRST, THE COVER AND YELLOW PAGE. Please write in your first name on the diary cover. Then list the vehicles you drive on the first page (the yellow page).

THEN THE DIARY, ONE PAGE PER TRIP. Please record in your travel diary all trips you make in the three day period, June 3, 4, and 5. A trip is a one-way movement from one place to another, whatever the purpose or means of travel might be. For example, a commute from home to work is a trip. A short walk to a store or a bike ride to a friend's house is also a trip.

However you need not record movements made within the same premises (a building, a shopping center, or a college campus). For example, you would not record the trips to all the stores you visited within the same shopping mall—only record the trips to the mall and from the mall.

HOW TO COUNT TRIPS? Each stop means an end of a trip and a beginning of a new trip. Use one travel diary page for each trip, and fill in all the information about the trip. When a new trip starts, begin a new diary page. For example, suppose you drove to work in the morning; walked to a nearby restaurant during the lunch break; walked back to the workplace; left work and stopped at a grocery store on the way; then returned home. There are altogether 5 trips:

- 1. Trip from home to work (Work)
- 2. From work to restaurant (Eat Meal)
- 3. From restaurant to work (Work)

- 4. From work to grocery store (Shopping)
- 5. From grocery store to home (Return Home)

TRIP PURPOSE CATEGORIES. What you see in the parentheses above are trip purposes for each trip. A summary description of trip purpose categories is shown on the back of this leaflet and also on the back of every diary page. Please mark the trip purpose category that best describes the purpose of each trip.

- If you just go for a walk or a blke ride in the evening, the purpose of the trip is "Social/Recreation", and you would record the origin and destination as "Home" (see inside page of this leaflet).
- If you drive a personal vehicle to make a trip, indicate which vehicle you drove using the numbering you gave on the yellow page.
- If you use up all diary pages, please stop recording and mail back the diary along with the other material.
- If you do not travel at all during this three-day period (for example, due to vacation or illness), then please check the box on the cover of your travel diary and mail it back along with the other material.

your diary days are june 3, 4. and 5.

You can find item-by-item instructions for the travel diary on the following pages.

ITEM-BY-ITEM INSTRUCTIONS FOR TRAVEL DIARY

Detailed instructions for each Item in the diary page are given below.

- A At the top of the travel diary page, enter the date (month/day/year).
- B Then indicate whether you traveled on that particular day at all. If not, then start the next day on a new page. You need to do this only when a new day begins.
- C Please fill in the exact time at which the trip started.
- D Check the box corresponding to the place where your trip began. If you check "OTHER", then give its location.
- E Please fill in the exact time at which the trip ended.
- F Check the box corresponding to the place where your trip ended. If you check OTHER, then give its location. Note that the end place of one trip is the start place of the next trip.
- G The purpose of the trip is defined by the main activity at the place where your trip ends. Check the appropriate box for the trip purpose. Explanations of trip purposes are provided on the back of each diary page.
- H Check the box corresponding to the means of travel you used for the trip. If you drove a vehicle, then write in the number for the vehicle as shown in the list you made on the yellow page of the diary. Note that blcycle and walk trips should also be reported.
- If you used a personal vehicle or carpooled, write down the total number of persons in the vehicle including yourself.
- J If you parked a vehicle, specify the type of parking location. Otherwise check "NOT APPLICABLE".
- If you used a personal vehicle or car/van pool, indicate the cost of parking. If you used public transportation or taxi, write down the fare. Otherwise check "NOT APPLICABLE".

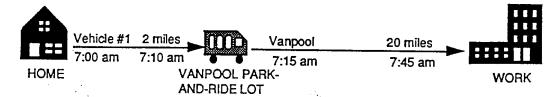
- Enter any amount you paid as toll(s) in the specified trip.
- M Finally, provide the approximate total length of the trip in miles and the distance covered on any freeway. (If the trip did not involve any freeway use, enter "0" for freeway miles).

enter "U" for freeway fit	mes).						
Enter Today's Date:	month day year	A					
Did you make trips too		В					
Did you make dipt of	trins on the next page						
☐ Yes → Continue below							
		С					
11178-1 L		ם					
At D Home D Work	□ School □ Other						
(Address or cross streets)	(city)	}					
		E					
Trip Ended	☐☐☐☐ am ☐ pm ☐ School ☐ Other	F					
At DHome DWork	C School G Ottlei	i '					
(Address or cross streets)	(city)	•					
Purpose of Trip							
Transfer to Different	☐ Drop off/pick up	G					
Means of Travel	Passengers	1					
□ Return Home	□ Personal Business	1					
Work	□ Social/Recreation	1					
☐ Work Related	C) Eat Meal	1					
□ School	☐ Medical/Dental	Ì					
☐ Shopping	1						
	(30001)	1					
Means of Travel	O Ught Rail	Н					
O Drove Vehicle #							
☐ Rode in car/truck/van	D Bus	1					
☐ Carpool/Vanpool	D Cabaral Proc	1					
☐ Motorcycle/Moped	□ Walk	1					
D Bicyde	□ Taxi						
Other(specify)		┨.					
Number of Persons i	n Vehicle	ļl					
(include yourself)		╣					
Location of Parking		•					
On-site lot/garage	On-street						
Off-site lot/garage	□ Not applicable	\dashv_{i}					
Parking or Transit	Jost	- 1					
☐ Free ☐ Paid \$	☐ Not applicable	┧,					
Toll Paid for this Tr							
☐ Paid \$	□ Not applicable						
Approximate Total L							
Distance on Freeway	y:miles						

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Example of Completed Travel Dlary

On May 29, at 7:00 am, Mary drives in vehicle #1 to the park-and-ride lot to catch her vanpool to work. This drive is 2 miles, and involves no freeway. Mary arrives at 7:10 am. She waits for 5 minutes and then nides in the vanpool to work. This ride is 20 miles, of which 15 miles are on the freeway. The van is parked in the lot at her place of work. There is no charge for parking. She arrives at work at 7:45 am.



This journey to work is made up of TWO trips and should be recorded on TWO separate diary pages as shown below:

Enter Today's Date: 05/29/92	Enter Today's Date:
Did you make trips today?	Did you make trips today?
O No → Begin tomorrow's trips on the next page	□ No → Begin tomorrow's trips on the next page
XYes → Continue below	☐ Yes → Continue below
Trip Began 7:00 gam 0pm	
Mam Opm	Trip Began 7: 15 Kam Opm
At Home DWork DSchool DOther	At DHome DWork DSchool Cother
(Address or cross streets) (city)	I-80 + Watt Sac'to. (Address or cross streets) (chy)
i — — — — Mam obu	Trip Ended 7:45 xam Dpm
At □Home □Work □School MOther	At U Home 1 Work U School D Other
1-80 + Watt Sacto:	
Purpose of Trip	(Address or cross streets) (city)
Transfer to Different Drop off/pick up	Purpose of Trip
Means of Travel passengers	☐ Transfer to Different ☐ Drop off/pick up Means of Travel passengers
☐ Return Home ☐ Personal Business	☐ Return Home ☐ Personal Business
☐ Work ☐ Social/Recreation	₩work ☐ Social/Recreation
□ Work Related □ Eat Meal	□ Work Related □ Eat Meal
☐ School ☐ Medical/Dental	□ School □ Medical/Dental
☐ Shopping ☐ Other	☐ Shopping ☐ Other
(specify)	(specify)
Means of Travel	Means of Travel
Drove Vehicle # 1 D Light Rail	☐ Drove Vehicle # ☐ Light Rail
☐ Rode in car/Inuck/van ☐ Amtrak	☐ Rode in car/Inuck/van ☐ Amtrak
☐ Carp∞l/Vanpool ☐ Bus	Carpool/Vanpool DBus
☐ Motorcycle/Moped ☐ School Bus	☐ Motorcycle/Moped ☐ School Bus
☐ Bicyde ☐ Walk	☐ Bicycle ☐ Walk
Other Specify)	□ Other □ Taxi
Number of Persons in Vehicle	(specify) Number of Persons In Vehicle
(include yourself)	(include yourself)
Location of Parking	Location of Parking
On-site lovgarage	XOn-site lot/garage □ On-street
☐ Off-site lot/garage ☐ Not applicable	□ Off-site lot/garage □ Not applicable
Parking or Transit Cost	Parking or Transit Cost
Free Paid \$ D Not applicable	Free Paid \$ Not applicable
Toli Paid for this Trip	Toll Paid for this Trip
☐ Paid \$ ☐ Not applicable	□ Paid \$ 0 □ Not applicable
Approximate Total Length of Trip: 2 miles	Approximate Total Length of Trip: 20 miles
Distance on Freeway: D miles	Distance on Francisco 15 miles

THANK YOU! PLEASE MAIL BACK YOUR DIARY AND THE BLUE BACKGROUND QUESTIONNAIRE IN THE BUSINESS REPLY ENVELOPE (ALONG WITH THOSE FROM OTHER MEMBERS OF YOUR HOUSEHOLD, IF YOU HAVE OTHER HOUSEHOLD MEMBERS PARTICIPATING IN THE SURVEY).

DESCRIPTION OF TRIP PURPOSES

	TRANSFER TO DIFFERENT MEANS OF TRAVEL	Trips made to change your means of travel on your way to a final destination (for example, driving to a park-and-ride lot to join a vanpool).
	RETURN HOME	A trip ending at home. Not necessarily the last trip of the day.
	WORK	All trips made to your usual work place.
	WORK RELATED	Trips made to carry out work business at locations other than the main work place (for example, attending business meetings, calling on customers).
	SCHOOL	Trips made to attend classes.
	SHOPPING	Trips for shopping or browsing.
1	DROP OFF/PICK UP PASSENGERS	If the main reason for your trip is to drop off or pick up someone, then it falls in this category.
	PERSONAL BUSINESS	These include trips made to carry out personal business such as going to the bank, post office, or the mechanic.
	SOCIAL/ RECREATION	For example, a social visit to a friend or relative, a trip to participate in or watch a ball game, a trip to the movies or theater, and so on.
	EAT MEAL	Trips made to a restaurant or fast food place to dine or carry-out.
\$	MEDICAL/DENTAL	A trip to a doctor, dentist, and medical or dental clinic.
¥	OTHER	If you feel that the trip does not fall into any one of the above categories, check this box and try to specify the kind of trip.

				1
			!!	
UC	D US	E O	VLY	

PHASE 2 Household Questionnaire

Please enter your first name here:	
------------------------------------	--

PART A TRANSPORTATION FACILITIES IN YOUR NEIGHBORHOOD

In this part the questions concern transportation facilities and related issues in your neighborhood. 1. Are streets in your neighborhood pleasant for walking or jogging?

Yes 2. Are there sidewalks in your neighborhood? ☐ Yes □ No 3. Are there easily accessible bike paths in your neighborhood? ☐ Yes □ No 4. Is public transit (such as bus or light rail) easily accessible? ☐ Yes □ No 5. Is there enough parking space near your residence? ☐ Yes □ No 6. Do you or your household members regularly park your vehicle on the street? ☐ Yes □ No 7. How many parking spaces are available exclusively for your household use? Include your garage and driveway. 8. Does your household pay separately for a parking space(s) at (or near) your residence? □ Yes □ No How much per month? _____ for ____ space(s)

9.	Appro	eximately how muc	h does your hou:	sehold	pay each month for?
	a.	Gasoline and oth	er vehicle fuel _		·
	b.	Public transportati	on _		
	C.	Parking at work	_		
	d.	Tolls	· · · · · · · · · · · · · · · · · · ·		
				,	
				•	
		YOU	PAR R HOME AND		SHBORHOOD
Ple	ase th What	nink of the time you	chose to live in	your cı	choice of residence is emphasized. urrent residence. porhood you live in now? (Mark as
	□ c □ e □ g □ i □ k	Quiet neighborho Safety and secur Close to work Close to transit Nicely landscape Housing cost Other (Please sp	rity ed area	□ d □ f □ h	Lively neighborhood Good school Close to the freeway Close to shops and services Spacious residential neighborhood Liked the style of housing units
	reaso Mo Se	ns: (by letter)		e indica	ate up to the three most important
3. V	Vhere	did you live before	e you moved into	your c	current residence?
	City _		St	ate/Co	ountry
		ow long?	•		
		- · ·			•

4. How resid	would you describe the place you lived lence?	d befo	re you moved to your current
	A large city A medium sized city or its suburbs A town or village		□2 A suburb of a large city□4 A small city□6 The countryside
5. Appro	oximately how far (in miles) is your hon	ne fror	n the nearest?
a.	Grocery store		
b.	Gas station		
C.	Park or playground		
	ou plan to move within the next 12 mon Yes No- is the major reason for your plan?		Please go to Question 8 below.
0; 0; 0;	Cost of housing Children left home	od	□b Finishing school □d Too much space □f Health/retirement □h Married/divorced
8. Given	your current neighborhood situation, vonsider moving to a different area? (Ma	vhich	of the following reasons may make many as apply.)
	Crime Noise Distance to shops and services	□ b □ d □ f □ h	Traffic Parking Distance to work

9. In what t	ype of area would you prefer to live	e?	
□ 3 □ 5	The same type of area A suburb near a large city A small city The countryside		A large city A medium sized city or its suburbs A town or village
10. How m	any square feet are there in your o	urren	t residence?
11. How m	any bedrooms are there in your cu	ırrent	residence?
	of the following do you have in you is apply.)	ır cur	rent residence? (Please mark as
□2 • □3 □4	Separate living and family room Dining room Private office area Private backyard Basement		
□ Y			e go to Question 15 below
14. What i	s the approximate value of your ho	me?	(Please check the appropriate box.)
□c □e	Under \$50,000 \$80,001 to \$120,000 \$180,001 to \$250,000 \$350,001 to \$500,000 Please go to PAF	_ h	\$250,001 to \$350,000 More than \$500,000
15. If you	are renting your residence, what is	the r	ent of the unit per month? (Please
check	the appropriate box.)		
□ a □ c □ e	Under \$350 \$501 to \$700 \$1,001 to \$1,400	□ t □ t	\$701 to \$1,000

16. Does the	rent include the fo	llowi	ng? (Mark as man	y as a	apply.)
□a La	wn service		□ь Аз	wimn	ning pool
□c A d	club house		□d Ag		
□e Oti	her (Please speci	fy.):	•		
			PART C		
•	ABO	UT	YOUR HOUSE	HOLE)
In this part we	are asking very o	rene	ral questions son	ne of	them about your household
interests. The	reason we ask th	ese	auestions is the fa	act the	at in many previous studies,
travel and tra	nsportation habits	s of	the people have	hee	n connected to their other
interests. We	continue the ef	fort	to understand th	e coi	nnection between the two.
					questions. We assure all
participants of	their privacy and c	onfic	dentiality of the inf	ormai	tion they provide
If you a	re interested in	the t	findinas, prelimin	arv r	esults of the study will be
available in the	e ITS office in De	cem	ber 1992. You r	nav c	contact the office by calling
(916) 752-1914	4.			.,	or the order by barning
1. Please ched	k the items you ha	ave a	at your residence.		
□a Mic	rowave oven	□ь	Dishwasher	۵c	Washer & dryer
□d VC	R	☐ e	CD player	□f	Answering machine
□g Car	mcorder	Ωh	Cable TV	Ωi	Big screen TV
□j Per	sonal computer	□k	Fax machine	٦ı	Swimming pool
Om Fitn	ess equipment	□ n	Boat	۵۰	RV
□ _P Spa	·	Πq	Chest or stand-al	one f	reezer
2 What hast d	cooribae Aba			•	
mariy as ap		you t	isually spend you	r wee!	kends? (Please mark as
	•				
			Cook	С	Stay home and relax
		О ө	Visit friends	□f	Entertain people
□g Rea		□h	Hobbies	Πi	Go shopping
•			Work		Religious activities
			Study	۵۰	Take short vacation trips
□ _P Out	door/sports	Ωq	Cultural activities	□r	Dining out/movies
🛚 s Oth	er (Please specify	/.) <u> </u>			
			A-16		

3.	In the last 12 months how many holiday trips did you take?						
4.	How many of your holiday trips where one week or lon	ger?					
5.	To what newspaper(s) does your household subscribe	? (Please lis	t all.)				
6.	To what newsweekly(ies) does your household regula	rly subscribe	? (Please list all.)				
7.	Is there a recycling program in your neighborhood?	☐ Yes	□ No				
8.	Do you participate in any recycling program?	☐ Yes	□ No				
9.	Do you hire somebody to do yard work?	□ Yes	□ No				
10.	Do you hire somebody to clean the house?	☐ Yes	□ No				
11.	To confirm the information in the earlier phase of survibelow:	ey, please fill	in the blanks				
	a. Including yourself, how many people are in your h	ousehold?					
	b. Including yourself, how many are 16 years or old	er?	· <u> </u>				
	c. How many have a driver's license?		<u> </u>				
	d. How many people in your household are employe	d?					
	e. How many usable bicycles does your household	have?					
	f. How many usable mopeds does your household h	nave?					

12. Please indicate the normally operational vehicles available to your household.

Vehicle A:			
Make:		Model:	Year:
Acquired: 🗅	1 Used	□2 New	in 19
Fuel type:	1 Gasoline	□2 Diesel	Other (specify)
Ownership: 🗖	1 Own	□2 Lease	(specify) 13 Company car
	4 Other (Plea	ase specify.)	· •
Vehicle B:		·.	
Make:		Model:	Year:
Acquired: 🗆1	Used	□2 New	in 19
Fuel type: 01	Gasoline	□2 Diesel	Other(specify)
Ownership: 🛛 1	Own	□2 Lease	(specify)
□ 4	Other (Plea	se specify.)	
			
ehicle C:			
Make:		Model:	Year:
Acquired: 🗆 1	Used	□2 New	in 19
Fuel type: 🛛 1	Gasoline	□2 Diesel	□3 Other
Ownership: 🛛 1	Own	□2 Lease	(specify)
	•		
ehicle D:			
Make:		_ Model:	Year:
Acquired: 🔲 1	Used	□2 New	in 19
Fuel type: D1	Gasoline	□2 Diesel	□3 Other _
Ownership: 🗆 1			
	1. (

13. Please indicate the age, gender, and employment status of the members of your household who *did not* fill out the travel diary in phase one of this survey (Please include children under 16 years old):

Person #1		D- Male
Age:	Gender: □1 Female	□2 Male
Employment status:		
□₁ Employed full time		,
□4 Homemaker	☐s Retired	☐6 Not applicable
Person #2		
Age:	Gender: 🖸 1 Female	□2 Male
Employment status:		
☐1 Employed full time	□2 Employed part time	☐3 Student
□4 Homemaker	□s Retired	☐6 Not applicable
Person #3		
Age:	Gender: 🛛 1 Female	□2 Male
Employment status:		
☐1 Employed full time	©2 Employed part time	□ з Student
□4 Homemaker	□s Retired	□6 Not applicable
Person #4		
Age:	Gender: 🛛 1 Female	□2 Male
Employment status:		
☐1 Employed full time	□2 Employed part time	□ з Student
□4 Homemaker	Os Retired	□6 Not applicable

	PHASE 3 Transportation and Urban Life
Plea	e enter your first name here:
you	neighborhood is important to you in your everyday routine. And you are an integral part of that borhood community. In Phase 3 we ask you some questions about your neighborhood, what o there, and how you feel about current issues. Your opinions are extremely valuable. Please er each question in a way that accurately represents your opinions. Again, thank you for your
	PART A NEIGHBORHOOD INFORMATION
In thi neigh	part of the questionnaire we are concerned with your opinions and knowledge about your porhood, the places you visit and how you get there.
1.	As a place to live, my neighborhood has just about everything I want.
	Please answer questions 2 through 4 about public transit even if you don't use it.
2.	How far away, to the nearest tenth of a mile, is the bus stop:
	Nearest your home? Don't know
	Nearest your work/school?
3.	How far away is the Amtrak or CalTrain station:
	Nearest your home? Don't know
	Nearest your work/school? (miles) Don't know
4.	How would you (do you usually) get to the public transit stop/station (check up to two)?
	☐, Walk ☐₂ Bicycle ☐₃ Drive alone ☐₄ Drive or ride with others
	\square_s Other (please specify):

The following questions ask about the types of transportation you use to travel to the places you routinely visit.

5.	How o	often during th	e past two w	eeks did you g	o to a grocery	store?
		□₁ None	□ ₂ 1 - 2	□ , 3- 5	□₄ 6 - 10	□ _s More often
6.	List up first).	to five groce	ry stores wher	e you shop (p.	lease list the m	ost frequently visited one
	□, c	heck here if y	ou do not go	grocery shopp	ing.	
	:	Name	of Store	Street St	ore is On	How you usually get there (walk, drive, bus, etc.)
	a.	`	<u>-</u>			
	b.					
·	c.	-				
	d.					general de la companya de la company
	e.					
7.	List up	to five stores	where you go	clothes shopp	oing most often	(please list the most
	□, cı	neck here if y	ou do not go	clothes shoppi	ng.	
		Name o	of Store	Street Sto	ore is On	How you usually get there (walk, drive, bus, etc.)
	a.		·	· · ·	W-	(waik, drive, bus, etc.)
	b.	-				
	c.					
	d.		 .			
	•		•			

PLEASE CONTINUE ON THE NEXT PAGE.

], None	□ ₂ 1	□ ₃ 2	□₄ 3-4	□ ₅ More often
	List up to	three majo	or shopping r	nalis you often	visit.	
	□, Chec	k here if y	ou do not vis	sit a mall.		
		Name	of Mail	Street N	Mall is On	How you usually get there (walk, drive, bus, etc.)
	a					
	b			· · · · · · · · · · · · · · · · · · ·		
	c					
		•				
	outlet stor	e (such a	s Home Base	e, Office Club,	Home Depot,	nembership store or factory Price Club, etc)?
	outlet stor	e <i>(such a</i> ₁ None	ns Home Base	e, Office Club,	Home Depot,	Price Club, etc)? □ _s More often
ı.	List up to	e <i>(such a</i> 1 None three mem	is Home Base \Box_2 1	e, Office Club,	Home Depot,	Price Club, etc)? □ ₅ More often bu often shop.
	List up to	e (such a None three men	\Box_2 1 abership store ou do not vis	e, Office Club, 3 2 es or discount it a membersh	Home Depot, 3 - 4 stores where your por discount:	Price Club, etc)? □ ₅ More often ou often shop. store.
	List up to	e <i>(such a</i> 1 None three mem	\Box_2 1 abership store ou do not vis	e, Office Club, 3 2 es or discount it a membersh	Home Depot,	Price Club, etc)? □ ₅ More often ou often shop. store.
•	List up to	e (such a None three men	\Box_2 1 abership store ou do not vis	e, Office Club, 3 2 es or discount it a membersh	Home Depot, 3 - 4 stores where your por discount:	Price Club, etc)? Solve often Solve often shop. Store. How you usually get there
	List up to	e (such a None three men	\Box_2 1 abership store ou do not vis	e, Office Club, 3 2 es or discount it a membersh	Home Depot, 3 - 4 stores where your por discount:	Price Club, etc)? Solve often Solve often shop. Store. How you usually get there
	List up to	e (such a None three men	\Box_2 1 abership store ou do not vis	e, Office Club, 3 2 es or discount it a membersh	Home Depot, 3 - 4 stores where your por discount:	Price Club, etc)? Solve often Solve often shop. Store. How you usually get there
	List up to	e (such a None three men	\Box_2 1 abership store ou do not vis	e, Office Club, 3 2 es or discount it a membersh	Home Depot, 3 - 4 stores where your por discount:	Price Club, etc)? Solve often Solve often shop. Store. How you usually get there
2:	List up to	e (such a	ns Home Base □₂ 1 Inbership store ou do not vis of Store	e, Office Club, 3 2 es or discount it a membersh Street S	Home Depot, 3 - 4 stores where your in or discount store is On	Price Club, etc)? Solve often Solve often shop. Store. How you usually get there

PLEASE CONTINUE ON THE NEXT PAGE.

	Codes for co	olumns below:							
	Seldom Bike Transit Rideshare	 Seldom or never attend/v Bicycle or other non-mote Bus or other public transp Drive or ride with at least including family members 	orized me cortation one other		on				
	Walk Taxi Drive	= Walk = Taxi = Drive Alone	.•			·		U	
		:	Seldom	Bike	Transit	Rideshare	Walk	Taxi	Dri
a.	Video renta	il store		D,					
b.	Laundroma	1	\square_{i}	Π,					Γ
C.	Medical/de	ntal appointment				□₄	□₅	□6	
d.	Banking ar	nd other personal business		. 🗆 2	-		□ ₅	□ ₆	
е,	Lawn & ga	rden store or hardware store		D,					
	School fun	ctions or activities		\Box_z	Ε.,		Π,	Π.	[
g.		neeting <i>(Church, Synagogue,</i> Temple, etc.)	□₁	□₂	. □,	□.	□₅	□,	
h.	Visit friends	s or family	Ο,	\Box_2	\Box_3			\Box_6	[
	Community meeting	vevent, club or association	Ξ,	\Box_2		\square_{\star}	1]5	Θ,	I
j.	Park or pla	yground	\Box_1	□₂			- □ ₅ -	_ □6	. [
k.	Gym:or.ex	***************************************					\square_{s}	\square_{6}	I
	Eating out restaurant	(restaurant or fast food)	Θ,	Θ,		\Box_{\star}	Ο,	\Box_{ϵ}	[
m.	•	r art gallery				\square_{\bullet}	\square_{s}		
n.	Movies		□,		: □₃		□₅	\Box_6	
D.	places you include gr	ase specify other types of visit regularly (please do not cocery shopping, clothes or discount stores here):							
			Θ,	\Box_2		Θ,	⊡₅	□₅	[
			LJ,	□,		ο,		\Box_{ϵ}	Į

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PART B TRANSPORTATION AND URBAN LIFE

In Part B we ask what you think about urban travel. Your answers will improve policy makers' understanding of people's feelings, opinions and travel patterns. This will help them make informed decisions.

There are no right or wrong answers to the following questions. Please select the responses that best reflect your opinions or feelings. It's your opinions that are important here.

	□, Yes	. □₂ No
	Go to Q. 2	Go to Q. 11 Next page
2.	Do you ever walk or bicycle to work?	Hext page
	□, Yes ↓	□₂ No
	Go to Q. 3	Go to Q. 6 Next page
3.	During the last month, how often did you walk or	bicycle to work?
	☐₁ Several times a week ☐₂ Once or twice a week ☐₃ Several times a month	□₄ Once or twice a month □₅ None
•	Comparing last month to the preceding January, o	did you walk or bicycle to work:
	\square_1 As often? \square_2 More often?	-Con- Theorem • • • • • • • • • • • • • • • • • • •
	I walk or bicycle to work because (please check	all that apply):
	☐, I don't have a vehicle ☐₂ For exercise ☐₃ It saves money	☐, I live close to work ☐, There's not enough parking ☐, Parking is expensive
	☐ ₇ Other (please specify):	— Francis o expensive
	(PLEASE GO TO QUESTION 7 ON	

PLEASE CONTINU

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A-24

6.	I never walk or bicycle to work because (please check a	all that apply):
	☐ I don't have a bicycle ☐ Physical impairment ☐ It's too far ☐ I have too much to carry ☐ I don't dress for it ☐ I take child(ren) to child care ☐ I do personal errands ☐ I use my car for work ☐ Wind, weather, hilly, heat or cold	I don't like to walk/bicycle I don't like to be sweaty when I arriv There are no showers There are no bike lockers or racks My route is through an unsafe area Some drivers are not careful I work after dark There are no sidewalks, bike paths, or bike lanes
	☐ ₁₈ Other (please specify):	: :
<u> </u>		
7. :	Do you ever ride public transit such as a bus or rail to we	ork?
	□, Yes	□₂ No
•		: 5 × [™] . ಫ
	Go to-Q. 8	Go to Q. 10
8.	How do you get to the stop or station?	
_		
9.	I use public transit to get to work because (please check	k all that apply):
	\Box_1 I don't have a vehicle available \Box_2 It's as fast as or faster than driving and parking \Box_3 It saves wear and tear on my vehicle	☐₄ I have time to read and relax It's cheaper than driving and parking
	□ _s Other <i>(please specify)</i> :	
	(PLEASE GO TO QUESTION 11 BE	LOW.)
0.	I do not use public transportation to get to work because	(please check all that apply):
	□₁ None available	` <u>_</u>
	☐₁ Notice available ☐₂ It doesn't stop near my home	Transit is too crowded
	\square_3 There is no stop near my destination	\Box_{10} The vehicle is uncomfortable \Box_{11} It's too slow
	☐₄ I have to transfer to get to my destination	1 use my car for work
	☐ ₅ There is no comfortable place to wait	\square_{13} luse my car for errands
	☐ ₆ The stop or station is unsafe	1 take child(ren) to child care
	□, None available at the right time	1 have too much to carry
	$\square_{\mathfrak{s}}$ It's too expensive	☐ It doesn't run on time
	□ ₁₇ Other (please specify):	·
ŧ.		
1.	Do you ever use public transit other than for commuting t	o work?
	□₁ Yes □₂ N	

PLEASE CONTINUE

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Below are general statements about a variety of subjects. Please indicate how much you agree or disagree with the following statements by checking your response to each. Your opinions are important even if you feel you're not very familiar with the topics.

12	. Priv	ATE AUTOMOBILE	STRONGLY DISAGREE	DISAGREE	NETHER AGREE NOR DISAGREE	AGREE	STRONGL AGREE
	2	Driving allows me freedom.					
	b.	Too many people drive alone.	. □,	□,	□₃		.□₅
•		I would rather drive an electric or other					
	d.	clean-fuel vehicle than give up driving.				L,	L,
•	е.	Driving allows me to get more done. I often get stuck in traffic.	U₁	□2	□₃	□₄	□₅
		Sich gersiock in trailic		L,		□,	
13.	RIDES	HARING (CARPOOL OR VANPOOL)	STRONGLY DISAGREE	DISAGREE	NETTHER AGREE NOR		STRONGLY
	***************************************		O GAGACE	DISAGREE	DISAGREE	AGREE	AGREE
	- a	Like someone else to do the driving.	Ξ.	\square_2	\square_3	Π,	
	b.	Ridesharing saves money.	\Box ,		□₃		□₅
•	C	I am not comfortable riding with strangers.	■,			Π,	o.
	d.	The rideshare car or van is often late.	\Box ,		. □,		Ο,
	P	It takes too long to collect everyone in the car or vanpool.		Θ,		Ω,	
						4	5
4 /	D.						
14.	PUBLIC	TRANSPORTATION	STRONGLY	DISAGREE	NETHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
	-a	I can read and do other things when I use	ija Birma kirali		3		AGREE
	***************************************	public transportation.	$= \square_{i}$	\Box_2	\square_3	Ο,	
	b.	It costs more to use public transportation than it does to drive a car.	□,	□,			
		Public transportation is unreliable.		∟ 2	\square_3	□₄	□₅
	d.			Ц,	3	Ξ,	
	е.	Public transportation is for poor people.	ு □,		□₃		□₅
		puscs and trains are pleasant to travel in			3	U,	□5
			•				
15.	TRANS	PORTATION PLANNING	STRONGLY DISAGREE	DISAGREE	NETHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
		Traffic congestion will take care of itself					**************************************
	b.	because people will make adjustments.		L ₂	Ц		□ ₅
	٥.	Stricter vehicle smog control laws should be introduced and enforced.	\Box ,		Пз	□₄	□₅
	C,	We need to build more roads to help	******************				
d:	4	decrease congestion.					5
\$	d.	More lanes should be set aside for carpools and buses.	□,	□,	□₃	□₄	□5
		We should provide incentives to people who use electric or other clean-fuel vehicles.	ο,	□ ,	□,		

PLEASE CON----- THE NEXT PAGE.

16.	TIME		STRONGLY DISAGREE	DISAGREE	NEITHER AGREE NOR DISAGREE	AGREE	STRONGL' AGREE
•	a.	Occasionally, I would be willing to give up day's pay to get a day off work.	a	□,			
	b.	I would like to have more time for leisure.	□,	□₂	□₃	□,	
•	C	f like to spend most of my time working					5
	d.	When things are busy at work, I get more done by cutting back on leisure time.	. 🗆,		□₃	□,	□₅
	· e	When things are busy at work, I get more done by culting back on sleep.				Ξ,	$\square_{\mathfrak{s}}$
17.	Envi	RONMENTAL DECISION MAKING	STRONGLY DISAGREE	DISAGREE	NETTHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
		Environmental protection is good for California's economy.	Θ,	□,			5
	b.	People and jobs are more important than the environment.	. □,	□₂	□₃	□₄	□s
	C.	Whoever causes environmental damage should repair the damage			$\square_{\mathtt{a}}$		D,
	d.	High density residential development should be encouraged.	¹□1	□₂	\square_3	□₄	□₅
	e	Environmentalism hurts minority and small businesses.	Π,	Θ,	\square_3	Θ,	D 5
18.	Hou	SING	STRONGLY DISAGREE	DISAGREE	NEITHER * AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
	a	I need to have space between me and my neighbors.					
. •	b.	Having shops and services within walking distance of housing is important.	. □,	. □₂	□₃	□₄	□₅
y.	C.	It's important for children to have a large backyard for playing					
	d.	I would only live in a multiple family unit, (apartment, condo, etc.) as a last resort.		 □ ₂	□₃	□₄	□₅
	е.	Too:much valuable agricultural land is consumed to supply housing.	Ο,		□3		[] ₅
19.	Ecor	NOMICS	STRONGLY DISAGREE	DISAGREE	NETHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
-	a .	I would be willing to pay a toll to drive on ar uncongested road.	. 0,	Θ,	⊞₃	□,	□ ₅
	b.	Vehicle emissions increase the need for health care.	□,	□₂	□₃	□₄	□5
	c.	Using tax dollars to pay for public transportation is a good investment.	Ο,		$\square_{\mathtt{s}}$	Ο,	□ ₅
:	d.	Environmental protection costs too much.	\Box_1	□₂	□₃	□,	□₅
	9	We should raise the price of gasoline to reduce congestion and air pollution.		Θ,	Π,	Θ,	

PLEASE CONTINUE --- NEXT PAGE.

1.

PART C LIFESTYLE

Part C asks general interest questions about the types of things you like to do and how you spend your leisure time. We once again assure that all responses will be kept strictly anonymous. This information is useful to indicate the demand for transportation and other urban facilities.

From the following lists, check all that you have done within the last 12 months.								
A Outdoors/Sports								
Attended a professional sports event Went rafting/canoeing Went fishing Participated in a sports event Shape of the state of the sta	Went horseback riding Went hiking/backpacking/camping Went hunting Went mountain climbing Went sailing Participated in motorcross Played tennis/golf Went bird watching							
□ ₁₈ Other (please specify):								
10	Attended an auto show Attended an auto race Attended a concert/symphony Attended a parade Went to a state or county fair Went to a tradeshow/exhibit							
C. Travel								
Visited a Wild animal park State Park or Historic Site	Visited another state Traveled to another country Visited a wildlife refuge Visited an aquarium Visited a local or regional park Went to a zoo/wild animal park							

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D. Do	t Yourself/Education/Hobbies			
	Took a class or short course Made house improvements myself Did automobile service/repair mysel Sewed (made clothes, quilts, etc.) Painted/wrote Volunteered to help the community Put in flower/vegetable garden Other (please specify): types of subjects do you read most of	☐ ₉ Made If ☐ ₁₀ Taugl ☐ ₁₁ Did n ☐ ₁₂ Took, ☐ ₁₃ Enter ☐ ₁₄ Partic	housel nt a classed eedlewood develop tained f ipated i	ork/embroidery bed photographs riends/family at home n community event(s)
1	Art/architecture Business/finance Children's (stories) Cooking/recipes Computer Decorating Entertainment Environmental Fashion Gardening 11 12 12 13 13 14 15 15 16 17 17 17 18 19 19 20	History Home improvement Horror stories Humor Men's Military News/politics Outdoors Pets and pet care Photography		Religion Romance Sailing Science fiction Science/nature Sports/exercise/health Trade/professional Westerns/adventure Women's
□ ₃₀	Other (please indicate):			
Please use th	ne space below for comments.			•
2.00 to 1.00 t				
				-

PLEASE CONT'" ON THE NEXT PAGE.

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PART D THE LAST QUESTIONS

The end of the survey is in sight! Part D requests some information about yourself to make sure we have a balanced mixture of people in our survey.

1.	Have	e you been employe	ed?	· •,		
			□₁ Yes	•	□₂No	
			Go to Q. 2		Go to Q. 4	
2.	Pleas	se check the catego	ry of your occur	ation <i>(if retir</i>	ed, please indicate occupation before	
	_	<i>ng):</i> Check here if retired		A TEUR	eu, please indicate occupation before	
		Management/adm Service/repair Sales Homemaker Student	inistration		Professional/technical Clerical/administrative support Production/construction/crafts Military	
	\square_{11}	Other (please spe	cify):			
3.		Agriculture/fishing Banking/finance/in Business/technical Construction, archi Communication/tra Computer services Education services Food service/restau Government Health/hospital/med Insurance	vestment service tectural nsportation/utilit urant	12 13 14	Manufacturing consumer goods Manufacturing industrial goods Natural resources/energy Mining/forestry Publishing/media/advertising	
	□ ₂₂	Other (please speci	ify):	·		
4.	Estimat	e your combined ar	nnual household	income (plea	ase check the appropriate box).	
}		\Box_1 No income \Box_2 \$ 1 to \$ 5,00 \Box_3 \$ 5,001 to \$ \Box_4 \$ 10,001 to \$ \Box_5 \$ 20,001 to \$	0 10,000 \$ 20.000		\$ 35,001 to \$ 50,000 \$ 50,001 to \$ 75,000 \$ 75,001 to \$ 150,000 More than \$ 150,000	

Thank you very much. A-30

1

Please use this space for any comments you wish to make.

Thank : ry much.

March 1, 1994

Dear Survey Participant:

Thank you for agreeing to participate in the Mobility and Livable Communities Study. Your responses to our survey will be of great importance in learning about the daily travel of people in different types of neighborhoods.

We have enclosed a Personal Travel Diary and a Household Questionnaire. In addition we have enclosed \$2 bill as a small token of our appreciation for your participation. Please make be sure to write your name on your Personal Travel Diary.

By completing the survey, you will be providing us with information that will help us to make improvements in transportation in the Bay Area.

YOUR INFORMATION COUNTS!!

No matter how much or how little you travel, YOU ARE IMPORTANT. You are one of the few people picked to help us study daily travel patterns in the Bay Area. Please fill in the Personal Travel Diary and respond to the Household questionnaire.

QUESTIONS? Call us at 1-800-303-1103

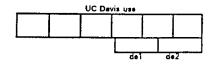
After completing this survey, please your Personal Travel Diary and your Household Questionnaire in the enclosed business reply envelope. No postage is needed. In about two weeks you will receive your Individual Survey. Once again, we thank you for your cooperation.

Sincerely,

R. Kitamura Professor P.L. Mokhtarian Assistant Professor

Mobility and Livable Communities Study Institute of Transportation Studies University of California, Davis, CA 95616

Your responses to the questions on this page will greatly help us extend our results to the general population. Has this questionnaire been delivered to a business address? → Please return unanswered. Thank you. □₂ No Please continue. 2. How many years have you lived in the Bay Area? 3. Including yourself, how many people are in your household? (include roommates) 4. Of these, how many are age 16 or older? How many vehicles are available to your household (motorcycles, 5. cars, vans, and light duty trucks)? 6. In what type of housing unit do you live? Single family home or Condominium or Townhouse duplex/halfplex Apartment Other . (specify) 7. How many in your household who are 16 or older, will participate in the survey? Please mail your completed questionnaire to us in the enclosed, postage-paid, business reply envelope (even if you are not able to participate in the survey). To receive incentives, return by January 15, 1993. Please print any name or address correction below: (Include apartment number if applicable.) THANK YOU FOR YOUR COOPERATION!!



Household Questionnaire

Who should fill this out? Please have one adult member of the household answer this questionnaire for the entire household. Other household members should be consulted for responses and opinions.

PART A YOUR NEIGHBORHOOD

Your neighborhood is important to you in your everyday routine. And you are an integral part of that neighborhood community. In this section we ask you some questions about your neighborhood, what you do there, and how you feel about current issues. Your opinions are extremely valuable. Please answer each question in a way that accurately represents your opinions. Again, thank you for your help.

In this section we

		More or less everythin Provides a lot of what Provides some of what Doesn't have much of	g I want I want t I want	nt
What apply	are the	reasons that you chose	the neighb	orhood you live in now? (Mark as many
		neighborhood		Lively neighborhood

PLEASE CONTINU

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ehol.svy	March 2	PLEASE CON	2 Tinu A-35	NEXT PA	GE.
9.		nany bedrooms are there in y		residenc	e?
8.	About	how large is your home (squ	are feet)?		·
	□₄	A small city		· 山,	A large city
		A town or village		IJ°.	A suburb of a large city
		The countryside		Ī	•
	\Box ,	The same type of area		Π.	A medium sized city or its suburbs
7.	In wha	at type of area would you pre	efer to live?		
	-	•		— IU	(specify)
	□¸	Neighbors			Other
		Distance to shops and servi	ces		Cost of housing
		Noise			Distance to work
		Crime		□, □,	Parking
		No reason to move at this t		слас ар	Traffic
6.	Given consid	your current neighborhood s der moving to a different area	ituation, wh 17 (Check a	nich of th	e following reasons may make you
	LJ₄	A small city		•	•
	H³	A town or village		\square_{7}	A large city
	\bigsqcup_{z}	The countryside		□.	A suburb of a large city
	□,	Lived in this area all my life			A medium sized city or its suburbs
5.		would you describe the area y	ou lived in I	before yo	u moved to your current residence?
	— <u>-</u> 3		•		<i>търесп уј</i>
		Condominium or townhouse	•	<u>-</u> 5	Other(specify)
		Lived in the current unit all Single family home, duplex,			Apartment
7.	\\	type of dwelling unit did you			
4.	\M/bat	·	· Constants		
	•	Third most important			
		Second most important			
		Most important			
Э.	numb	er reasons you marked abover):	ve, please i	indicate 1	the 3 most important reasons (by

MOBILITY AND LIVABLE COMMUNITIES STUDY INSTITUTE OF TRANSPORTATION STUDIES UNIVERSITY OF CALIFORNIA, DAVIS, CA 95616

10.	Do y	ou have a private backyard?	□, Yes	□₂ No
11.	Do y	ou own your home?		
	□,	Yes ↓		□₂ No ↓
	PLEA	SE ANSWER QUESTION 12 BELOW.	•	PLEASE SKIP TO QUESTION 13 BELOW.
12.	Wha	t is the approximate value of y	our home? (Please check the appropriate box.)
		Under \$80,000 \$80,001 to \$120,000 \$120,001 to \$180,000 \$180,001 to \$250,000	□ 5 □ 6 □ 7 □ 8	\$250,001 to \$375,000 \$375,001 to \$575,000 \$575,001 to \$775,000 More than \$775,000
		If you answered question	12, please	go to PART B, next page.
13.	lf you appro	are renting/leasing your residurities and priate box.)	dence, wha	t is your monthly rent? (Please check the
	□ ₁ □ ₂ □ ₃	Under \$350 \$351 to \$500 \$501 to \$700	□₄ □₅ □.	\$701 to \$1,000 \$1,001 to \$1,400 More than \$1,400
14.	Does	the rent/lease include any of t	he following	? (Check all that apply.)
	□, □, □,	Lawn service A club house A swimming pool	□₄ □₅	A gym or exercise room Other (specify):

househol.svy March 2, 1994

PLEASE CONTIN THE NEXT PAGE.

A-36

PART B VIEWS ON TRANSPORTATION

In this part of the questionnaire we are asking about your neighborhood.

	The same deposition and the are actually about	t your neighborhood.		•
1.	Aro the etreets in very stable is	Yes	No	Not Sure
1.	Are the streets in your neighborhood pleasar walking or jogging?	nt for		□.₃
2.	Is cycling pleasant in your neighborhood?	\Box ,		□.₃
3.	Is there good local public transit service in you neighborhood?	our		□. ₃
4.	Is there enough parking space near your hom	ie?		□.₃
5.	Are there problems of traffic congestion in you neighborhood?	our		□.₃
6.	About how much does your household AS A	WHOLE pay each mon	ith for:	
	a. Gasoline and diesel			
	b. Parking costs			
	c. Tolls			
	d. Public transportation			
P	lease answer the following two questions abou	ıt public transit even if	'you don't us	e it.
7.	How far away, to the nearest tenth of a mile,	is the bus stop neares	st your home?	
	[miles]	t know		
8.	How far away, to the nearest tenth of a mile station nearest to your home?	, is the BART, Amtrak	, CalTrain, or	light rail
·		t know		
9.	Are there sidewalks in your neighborhood?		□ Yes [J₂ No
househol,svy	March 2, 1994 PLEASE CONTINUT A-37	E NEXT PAGE.		

10.	Are there bi	ke paths in your	neighborhood?			
	□,	Yes ↓			No ↓	
•	G	O TO QUESTION 1	1.	SKIP TO	QUESTIO	v 12.
11.	Are the bike	paths convenier	nt to use?		□, Yes	□₂ No
12.	ls public tran	nsit (such as bus	s, light rail, or BA	RT) convenient?	□, Yes	□₂ No
13.	Do you or yo		embers regularly	park your	□, Yes	□₂ No
14.	How many p household us	parking spaces an se? Include you	re available exclu r garage and driv	usively for your eway.	_	
15.	Does your ho	ousehold pay sep	parately for a par	king space(s) at	(or near) y	our residence?
	\Box ,	Yes			□₂ N	o ,
	How much pe	er month?	_ For spa	ce(s).	SKIP TO Q	uestion 16.
16.	Approximate	ly how far (in mi	iles) is your hom	e from the neares	it?	
	a.	Grocery store	·			
	b.	Gas station	·			
	с.	Park or playgro	ound			

househol.svy March 2, 1994

PLEASE CONTINUE ON THE NEXT PAGE.
A-38

PART C Your Household

In this section we ask very general questions, some of them about your household's interests. We ask these questions because in many previous studies, travel and transportation habits have been connected to other interests of the household. We continue the effort to understand the connection between the two for a better living environment. We assure all participants of their privacy and confidentiality of the information they provide.

1.	Please c	heck the items you	have a	t your resider	ice.			
	☐ ₂ V ☐ ₃ C ☐ P ☐ F F	ficrowave oven CR amcorder ersonal computer itness equipment pa	7 8 9 10 11 12	Dishwasher CD player Cable TV Fax machine Boat Chest or star	14 15 16	RV	machine IV	
2.	To which	n newspaper(s) does	s your	household su	bscribe	? (Please list	all.)	
3.	To which	n newsweekly(ies) c	does yo	our household	regular	rly subscribe	' (Please lis	t all.)
4.	Is there	a recycling program	in you	r neighborhod	od?		□, Yes	□₂ No
5.	Does you	ur household partici	pate in	any recycling	progra	ım?	□, Yes	□₂ No
6.	Does you	ur household hire so	mebod	ly to do yard	work?		□, Yes	□₂ No
7.	Does you	ur household hire so	mebod	ly to clean the	e house	?	□, Yes	□₂ No
8.	Estimate box).	your combined annu	ual hou:	s ehold income	before	taxes (please	check the a	ppropriate
	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	o Income 1 to \$ 5,000 5,001 to \$ 10,000 10,001 to \$ 20,00 20,001 to \$ 35,00		□ 6 □ 7 □ 8 □ 9	\$ 50,0 \$ 75,0	001 to \$ 50,0 001 to \$ 75,0 001 to \$ 150 than \$ 150,0	,0000	

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PLEASE CONTINU

IE NEXT PAGE.

A-39

MOBRITY AND LIVABLE COMMUNITIES STUDY INSTITUTE OF TRANSPORTATION STUDIES UNIVERSITY OF CALIFORNIA, DAVIS, CA. 95616

List the vehicles (cars, trucks, motorcycles, bicycles, etc.) that are usable and normally available to your household.

	Describe Other								
Fuel Type	Other								
Fuc	Diesel								
	Gaso- line								
	Other								
Ownership	Com- pany								. 🔲
Owr	Lease								
	Own								
# of Miles	Driven per year								
Year	Acquired								
Make. Model	and Year								
,	a de la companya de l	Example	Example	< - _{A-40}	В	U	۵	. ш	т.

THANK YOU VERY MUCH.

PLEASE RETURN YOUR HOUSEHOLD QUESTIONNAIRE IN THE POSTAGE PAID ENVELOPE PROVIDED (INCLUDE ALL THE PERSONAL TRAVEL DIARIES FROM YOUR HOUSEHOLD). If you are interested in the findings, preliminary results of this study will be available in the Insititute of Transportation Studies (ITS) office in September of 1993. You may contact the ITS office by calling (916) 752-4194.

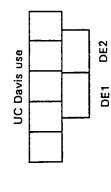
PERSONAL TRAVEL DIARY

of

(Write your first name here.)

Travel Survey Days: February 10, 11 and 12.

Check here if you did not make any trips at all during this three-day period.



INSTRUCTIONS

Thank you for participating in this important study for the Bay Area!!

Please use these instructions when completing the page below.



ABOUT YOU AND THE VEHICLES YOU USE

Please complete the information on this page before you to fill out the rest of your PERSONAL TRAVEL DIARY.

PERSONAL TRANSPORTATION	List the vehicles YOU use (cars, frucks, motorcycles, bicycles, etc.) DO NOT include public transportation here.	Make, Model, Year								
	List the vehicle etc.) DO NOT	Vehicle	Example A	Example B	٧	8	၁	D	В	Ľ
								-		
								Are you:	Male	
					·					
								Year of Birth: 19		٠

PLEASE CONTINUE ON THE NEXT PAGE.

G

INSTRUCTIONS

PLACES YOU GO MOST OFTEN

TYPICAL MEANS OF	TRANSPORTATION (MODE)	1 = Welk	2 = Bicycle 3 = Drive Alone	4 = Ride with Other 5 = Motorcycle 6 = Bus 7 = Caltrain	8 = BART 9 = Amtrak	to - Other (Specify)	FREQUENCY	(now onen do you typically make these trips?)		-	2 = Weekly/more then monthly 3 = Monthly/less frequently	
LOCATION		Enter the name of the place you go and the	the "Civic Auditorium" in Yourtown, or to	the Kennedy Elementary School" on Fifth St. and Elm Ave. in Anytown.			REASONS FOR CHOICE OF MODE	□ No other way	2 = Convenience 3 = Cost 4 = Speed	6 = Personal Safety 6 = Health 7 = Cardonal Safety	s = Difficult to Find Parking = Things to Carry	10 = Just Bought a New Car 11 = Other (describe)
TRIP PURPOSES	Trips made to change your means of travel on your way to a final destination (for example, driving to a perk-and-ride lot to join a vanpool).	Trips anding at home. Not necessarily the last trip of the day.	All trips made to your usual work place.	Trips made to carry out work business at locations other than the main work place (for example, attending business meetings, calling on customers.)	Trips made to attend class.	Trips for shopping or browsing.	Trips whose main purpose is to drop off or pick up someone.	Trips made to carry out personal business such as going to the bank, post office, or the mechanic.	Trips made to visit a friend or relative, to participate in or watch a ball game, go to the movies or theater, etc.	Trips made to a restaurant or fast food place to dine or carry-out.	Trips made to the doctor, dentist, optometrist, or medical/dental clinic.	When you feel that the trip does not fell into any one of the above categories, specify the kind of trip.
L T	TRANSFER TO DIFFERENT MEANS OF TRAVEL	RETURN HOME	WORK	WORK-RELATED	SCHOOL	SHOPPING	DROP OFF/ PICK UP PASSENGERS	PERSONAL BUSINESS	SOCIAL/ RECREATIONAL	EAT MEAL	MEDICAL/ DENTAL	отнея
		2	3	4	9	9	7	88	6	10	11	12

Please use these instructions when completing the page below.

PLACES YOU GO MOST OFTEN

Please indicate the trips you make most often in the table below. Some typical personal trip purposes are already entered.

Trip Purpose	Location	60	1 1	Reasons for Choice Of Mode	Frequency
See instructions above	Name, cross streets, and city	From	See instructions above	see instructions above	See instructions above
Example					
1					-
2					
3					
4				•	·
5				·	
9					
7					
8		·			

Page 2
PLEASE CONTINUE ON THE NEXT PAGE.

DAY ONE February 10, 1993

Check here if you made no trips today.

INSTRUCTIONS

Use this page to h Personal Travel	Use this page to help you fill out your Personal Travel Diary page below.			TRIP PURPOSES
Find the heading matching the column heading on the page below. Place the number which describes the Trip Purpose. Means of	mn heading on the page below. the Trio Purbose. Means of	-	TRANSFER TO DIFFERENT MEANS OF TRAVEL	Trips made to change your means of travel on your way to a final destination (for example, driving to a park-and-ride lot to join a vanpool).
Transportation, and Vehicle Used (if you used a personal vehicle), into the corresponding spaces.	f you used a personal vehicle), into	2	RETURN HOME	Trips ending at home. Not necessarily the last trip of the day.
		3	WORK	All trips made to your usual work place.
FROM, TO PLACES YOU GO	MEANS OF TRANSPORTATION (MODE)	4	WORK-RELATED	Trips made to carry out work business at locations other than the main work place (for example, attending business meetings, calling on customers.)
<u>v</u>	1 = Walk 2 = Bicycle	5	SCHOOL	Trips made to attend class.
► U GO MOST OFTEN table for location of trips you make	3 = Drive Alone 4 = Ride with Other 5 = Motorovole	9	SHOPPING	Trips for shapping or browsing.
For trips you do not describe in PLACES YOU GO MOST OFTEN,	6 = Bus 7 = Caltrain 8 = BART	7	DROP OFF/ PICK UP PASSENGERS	Trips whose main purpose is to drop off or pick up someone.
please write in the names of the cross streets and city.	9 = Amtrak 10 = Other (Specifγ)	8	PERSONAL BUSINESS	Trips made to carry out personal business such as going to the bank, post office, or the mechanic.
PEOPLE IN VEHICLE	VEHICLE USED	6	SOCIAL/ RECREATIONAL	Trips made to visit a friend or relative, to participate in or watch a ball game, go to the movies or theater, etc.
Enter the number of people in the	If you use your private vehicle,	10	EAT MEAL	Trips made to a restaurant or fast food place to dine or carry-out.
venicie (uniess the venicie is public transit such as a bus or train).	please indicate which vehicle you are using by the letter from PERSONAL TRANSPORTATION on	11	MEDICAL/ DENTAL	Trips made to the doctor, dentist, optometrist, or medical/dental clinic.
include yourself.	page 1.	12	ОТНЕВ	When you feel that the trip does not fall into any one of the above categories, specify the kind of trip.

PLEASE COMPLETE THE FOLLOWING QUESTIONS IF YOU PAY FOR PARKING OR TOLLS.

Please enter the total amount that you paid for tolls today.

Please enter the amount you paid for incidental parking fees (from parking meters & lots that are not routine).

Day One, Page 1

PLEASE CONTINUE DAY ONE ON THE NEXT PAGE.

IF YOU MADE NO MORE TRIPS TODAY, GO TO DAY TWO.

, 1993

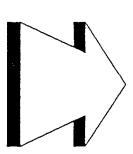
Trip Means of Vehicle Paople in Purpose(s) Transpor Used Vehicle See instructions above How Far7 Miles . [· E am pm am Dmm am D am Dem <u>E</u> Arrival Time am | , E am am pm am am Dpm am pm am pm md me am Dpm md me am Dpm Start Time (Date) For the trips you make often use the number corresponding to the location from the Places You Go Most Often table on page 2. For trips not described on the Places You Go Most Often page, please enter the name of the cross streets and the city. £ Places You Go From Ξ വ 9 5 6 12 A-50

Day One, Page 2
PLEASE CONTINUE DAY ONE ON THE NEXT PAGE.
IF YOU MADE NO MORE TRIPS TODAY, GO TO DAY TWO.

Trip	From Places:	Places You Go	Stert Time	Arrival Time	How Far?	Trip Purpose(s)	Meens of Trenspor- tation	Vehicle Used	People In Vehicle
	For the trips you make often use the number corresponding to the location from the Places You Go Most Often table on page 2. For trips not described on the Places. You Go Most Often page, please enter the name of the cross streets and the city.	ber corresponding to the location from ige 2. Go Most Often page, please enter the			Miles	й	See instructions above	ons above	
13			am Dpm	am Dpm					
14			am pm	ingin ing pm					
<u> </u>			am Dpm	am Dpm					
- <u></u>			am Dpm	□ am □ pm					
17			am Dpm	□am □pm		·			
18			am Dpm	am pm					
19			am Dpm	am Dm					·
20			am Dpm	am pm					

Day One, Page 3
END OF DAY ONE. TOMORROW, GO TO DAY TWO, PAGE 1.

DAY TWO FOLLOWS



DAY TWO February 11, 1993

Check here if you made no trips today.

, 1993

People In Vehicle	
Means of Vehicle Used tation See instructions above	
Means of Transportation ee instructi	
Aurpose(s)	
How Far 2	
Arrival Time Time am Dm am Dm am Dm am Dm am Dm	
Stert Stert Time am am bm	
From Trip Places You Go. For the trips you make often use the number corresponding to the location from the Places You Go Most Often table on page 2. For trips not described on the Places You Go Most Often page, please enter the name of the cross streets and the city.	7

PLEASE COMPLETE THE FOLLOWING QUESTIONS IF YOU PAID FOR PARKING OR TOLLS.

Please enter the total amount that you paid for tolls today. \$

Please enter the amount you paid for incidental parking fees (from parking meters & lots that are not routine).

Day Two, Page 1
PLEASE CONTINUE DAY TWO ON THE NEXT PAGE.
IF YOU MADE NO MORE TRIPS TODAY, GO TO DAY THREE.

Day Two, Page 2
PLEASE CONTINUE DAY TWO ON THE NEXT PAGE.
IF YOU MADE NO MORE TRIPS TODAY, GO TO DAY THREE.

_ , 1993

	From	Ţ							
Trip		Places You Go	Start Time	Arrival	How Far?	Purpose(s)	Transpor-	Vehicle Pro	People In Vehicle
	For the trips you make often use the number corresponding to the location from the Places You Go Most Often table on page 2.	r corresponding to the location from the							
	For trips not described on the Places You Go Most Often page, please enter the name of the cross streets and the city.	Most Often page, please enter the			Miles	See i	See instructions above	ns above	
17			am						
18									
		·	am D						
A-56		·	am D	am					
21		,	- - - - - - - - - -	E					
22									
23			ma						
24			a a c	# E					
25									

Day Two, Page 3

END OF DAY TWO. TOMORROW GO TO DAY THREE, PAGE 1.

DAY THREE February 12, 1993

Check here if you made no trips today.

		People In Vehicle	3 March 18 18 18 18 18 18 18 18 18 18 18 18 18								
		Vehicle Used		ons above							
		Means of Transpor-	tation	See instructions above							
		Purposeis)		See							
. 1993)	How Far?		Miles							
•		Arrival Time			ae Be] am []	Jam D	am	
	(Date)	Start Time			a me	am	am D	ma	am D	an	. E
TRIPS MADE ON		5 From To To Places You Go	For the trips you make often use the number corresponding to the location from the Places You Go Most Often table on page 2.	For trips not described on the Places You Go Most Often page, please enter the name of the cross streets and the city.				-			
		Ē			-	2	ဗ	A-58	വ	9	7

PLEASE COMPLETE THE FOLLOWING QUESTIONS IF YOU PAID FOR PARKING OR TOLLS.

Please enter the total amount that you paid for tolls today.

Please enter the amount you paid for incidental parking fees (from parking meters & lots that are not routine).

IF YOU MADE NO MORE TRIPS TODAY, RETURN YOUR PERSONAL TRAVEL DIARY. Day Three, Page 1
PLEASE CONTINUE DAY THREE ON THE NEXT PAGE.

, 1993

φ 6 C A-29 C E 4	From Places You Go For the trips you make often use the number corresponding to the location from the Places You Go Most Often table on page 2. For trips not described on the Places You Go Most Often page, please enter the name of the cross streets and the city.	Steat Steat Time am pm pm am pm	Atrival Time am Dpm am Dpm am Dpm am Dpm	How Fer?	Purpose(s)	Means of Vehicle Used tetton See instructions above	Cie People in od Vehicle
] ma	am Dm				
		am Dm					

Day Three, Page 2 The End. Thank you very much for completing your personal trip diary. Please return it in the envelope provided.

You may use the space below for any comments you wish to make about the survey.

QUESTIONS? Call us at:

1-(800)-303-1103

(Hours: 10:00 am to 4:00 pm)
After hours you will reach a recording.
However, we will return your call to the number you specify.

THANK YOU VERY MUCH.

PLEASE RETURN YOUR PERSONAL TRAVEL DIARY IN THE POSTAGE PAID ENVELOPE PROVIDED (INCLUDE THE HOUSEHOLD QUESTIONNAIRE).

If you are interested in the findings, preliminary results of this study will be available in the Insititute of Transportation Studies (ITS) office in September, 1993. You may contact the ITS office by calling (916) 752-4194.

		1	JCD us	80		
		_				
					DE1	DE2
Individua	I Questionnaire					

PART A ABOUT YOUR FREQUENT TRIPS

In Part A are questions about how you get to work or school. There are no right or wrong answers to any of these questions. All your answers are confidential. You are assured of complete anonymity when answering any part of this survey.

1.	Your first name:
2.	Are you employed?
	□ No → Skip to Question 18 on page 4. □ Yes
3.	Is your employment \square_1 Full time? \square_2 Part time?
4.	Work location(Nearest intersection or street address) (City)
5.	One-way home to work distance:(miles) (enter "0" if you work at home).
6.	How many days a week do you commute to work? days a week. If you do not commute to work, please skip to Question 18 on page 4.
7.	What is your primary means of travel to work?
	☐ Drive alone ☐ Bicycle ☐ Car/vanpool ☐ Walk ☐ Public transportation ☐ Other(specify)
	1 March 1, 1994 PLEASE CONTINU HE NEXT PAGE. A-63

8.	How frequently do you share a ride (ride employed family members or friends a public transportation)?	leshare) to as well as	work (include informal ride-sharing with other formal car/van pools, but not bus, rail or other
	\square_1 Never \square_2 Less than once a month \square_3 1 - 3 times a month	4 5	Once a week More than once a week
	If you checked 'I	Vever', ski	p to Question 10.
9.	I rideshare to work because (please c	heck all th	at apply):
	I don't have a vehicle It saves money There's not enough parking It saves wear and tear on my vehicle	5 6 7	Parking is expensive I have time to read and relax It's as fast as or faster than driving & parking Other
	If you answered Qu	restion 9, s	skip to Question 11.
10.	I do not rideshare to work because (p	lease spec	eify):
	· · · · · · · · · · · · · · · · · · ·		
11.	How frequently do you ride public tra	nsportatio	n (bus, train, etc.) to work?
	Never Less than once a month 1 - 3 times a month	4 5	Once a week More than once a week
	If you checked A	Vever', skij	o to Question 14.
12.	I use public transportation to get to w	ork becau	se (please check all that apply):
	I don't have a vehicle It saves money There's not enough parking It saves wear and tear on my vehicle	5 6 7 8	Parking is expensive I have time to read and relax It's as fast as or faster than driving & parking Other (specify)
13.	How do you get to the stop or station	1?	
	☐₁ Walk ☐₂ Bicycle ☐₃ ☐₅ Other	Drive alo	one
		estion 13,	skip to Question 15.
	PLEASE CONT	2 IN' H A-64	Merch 1, 1994 E NEXT PAGE.

The second secon

14.	I do n	ot use public transportation to get to w	vork becau	se (please specify):
		None available It doesn't stop near my home There is no stop near work I have to transfer to get to my work There is no comfortable place to wait	11 12 13 14 15	Transit is too crowded The vehicle is uncomfortable It's too slow I use my car for work I use my car for errands
		The stop or station is unsafe None available at the right time	16	I take child(ren) to child care I have too much to carry
•	B S O	It's too expensive Physical impairment I work after dark	18	Other(specify)
15.	How f	requently do you walk or bicycle to we	nek?	
10.	□.	Never	,	Once a week
		Less than once a month 1 - 3 times a month	□ ₅	More than once a week
		If you checked 'Never',	skip to Qu	estion 17.
16.	l walk	or bicycle to work because (please ch	eck all that	t apply):
		I don't have a vehicle For exercise	5 6	There's not enough parking Parking is expensive
	☐ ₄	It saves money I live close to work		Other(specify)
		If you answered Question 16,	olease skip	to Question 18.
17.	Ineve	r walk or bicycle to work because (plea	ase check a	all that apply):
	1 2 3 3 4 5 5	I don't have a bicycle Physical impairment It's too far I have too much to carry I don't dress for it	10 11 12 13	I don't like to be sweaty when I arrive There are no showers There are no bike lockers or racks My route is through an unsafe area Some drivers are not careful
	6 7 8 9	I take child(ren) to child care I do personal errands I use my car for work Wind, weather, hilly, heat or cold	15 16 17 18	I work after dark There are no sidewalks or bike paths I don't like to walk or bicycle Other (specify)
		3 Please contin	E SIEVE P	March 1, 1994
		PLEASE CONTIN	E NEXT F	FAGE.

18.	Do you attend school?	
	☐, No → Skip to Question 26 below. ☐ ₂ Yes	
	↓	
19.	Do you attend	
20.	School location	
21.	One-way home to school distance:	
22.	How many days a week do you attend school?	
23.	What is your primary means of travel to school? Drive alone	·
24.	(specify) How frequently do you share a ride (rideshare) to school (include informal ride-s other family members or friends as well as formal car/vanpools, but not the school. Never	haring with of bus)?
	☐ Never ☐ ☐ Once a week ☐ Donce a month ☐ More than once a week ☐ 3 1 - 3 times a month	
25.	How frequently do you ride public transportation (for example bus, or train) to sol	nool?
	☐₁ Never ☐₂ Less than once a month ☐₃ 1 - 3 times a month ☐₃	
26.	Do you ever use public transit other than for commuting to work or school? \square_1 Yes	□₂ No
27.	How would you (do you usually) get to the public transit stop/station (check up to	two/?
	\square_1 Walk \square_2 Bicycle \square_3 Drive alone \square_4 Drive or ride with \square_4	others
	Other	_ (specify)
	PLEASE CONTINUE ON THE NEXT PAGE.	March 1, 1994

A-66

	How many time						_			
	∐₁ None	ړ لـا	1 - 2	∟ 3	3 - 5	₄ ا∟	6 - 10	LJ ₅	More of	ten
				·						•
	I take to keep the second								الممانية	nna fir
	List up to five gr	ocery s	tores wr	iere you s	snop <i>ipie</i> a	ise list th	e most tre	equentiy	/ Visiteu (one m
	Name of store			treet and			-		ally get the bus, etc.,	
_										
		 -								
_										-
_	·									
	List up to five sto	ores wh	nere you	go clothe	s shoppin	g <i>(please</i>	list the m	ost fred	quently v	isited
	•			go clothe eet and o		g <i>(please</i>	How y	ou usua	ally get t	nere
	first).	e	Str	eet and o	city		How y	ou usua		nere
-	Name of stor	'e 	Str	eet and o	city		How y	ou usua valk, drive	ally get t	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere
	first). Name of stor	·e	Str	reet and o	city		How y	ou usua valk, drive	ally get the state of the state	nere

i .	How often during t	the past two v	weeks did you g	o to a shopping n	nall?	
	□, None [□ ₂ 1 - 2	□ ₃ 3-5	□ ₄ 6 - 10	□₅ M	ore often
2.	List up to three ma	ajor shopping	malls you often	visit.		
	Name of mall	Stree	et and city	How y	ou usually g	
-		<u> </u>				
			:			
3.	How often during factory outlet store	the past mon	th did you shop ne Base, Office	at a discount st Club, Home Depo	ore, membe ot, Price Club	rship store, o
	□, None [], 1-2	□ ₃ 3-5	□ ₄ 6 - 10	□₅ M	ore often
	List up to three dis	count, membe	ership or factory	outlet stores who	ere you ofte	n shop.
	Name of store	Stre	et and city	Hov	v you usuali	y get there
					(walk, drive, bu	
_	· ·					····
-						
_			<u>.</u> .			
	,					
• .	How often during the gas, or other fuel)?	he past two w	eeks did you buy	vehicle fuel (gas	oline, diesel,	liquid propar
	□₁ None □], 1-2	□₃ 3-5	□ ₄ 6 - 10	□ ₅ M	ore often
•	During the last year used means of tran		nanged your mos	st frequently], Yes	□₂ No
•	Why or why not?	<u></u>				
						
		Direct	6	ALEXE BAGE		March 1, 19
		PLEASE	CONTINU THE	NEXT PAGE.		

PART B TRANSPORTATION AND URBAN LIFE

Part B questions ask what you think about a variety of subjects. There are no right or wrong answers to the following questions.

Please indicate how much you **agree** or **disagree** with the following statements by checking your response to each. Your opinions are important even if you feel you're not very familiar with the topics.

1.	PRIVATE AUTOMOBILE	STRONGLY DISAGREE	DISAGREE	NEITHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
	a. Driving allows me freedom.	\Box ,	\square_2	□,		□ 5
•	b. Too many people drive alone.	\Box ,		□ ₃		□ ₅
	c. I would rather drive an electric or other clean fuel vehicle than give up driving.	₁	□₂ —			□ ₅
	d. Driving allows me to get more done.	\Box ,		\square_3	· ∐₄	\sqcup_{5}
	e. Getting stuck in traffic doesn't bother me too much.	'□,	□ <u>,</u>		□.	
2.	RIDESHARING (CARPOOL OR VANPOOL)	STRONGLY DISAGREE	DISAGREE	NEITHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
	a. I like someone else to do the driving.	\Box_i		□3	□₄	□₅
	b. Ridesharing saves money.	\Box ,				
	c. I am not comfortable riding with strangers.	\Box ,		\Box ,	□₄	
	d. The rideshare car or van is often late.	\Box ,		□ ₃		□₅
3.	PUBLIC TRANSPORTATION	STRONGLY DISAGREE	DISAGREE	NEITHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
	 a. I can read and do other things when I use public transportation. 	□,	$\Box_{\mathbf{z}}$	□,		
	 b. It costs more to use public transportation tha it does to drive a car. 	ın □,	. 🗆 2	□₃	□₄	□ ₅
	c. Public transportation is unreliable.	□,	\Box ,	\square_3	□₄	
	 d. I use public transportation when I cannot afford to drive. 	Ο,		□₃		□ ₅
	e. Buses and trains are pleasant to travel in.	\Box ,		\square_3	∴□₄	\square_{5}

PLEASE CONTINUE ON THE NEXT PAGE.
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March 1, 1994

4.	Transportation	STRONGLY DISAGREE	DISAGRÉE	NEITHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
	 a. Traffic congestion will take care of itself because people will make adjustments. 	□,		□,		
	 Stricter vehicle smog control laws should be introduced and enforced. 	□,		\square_3	□.	□₅
	 We need to build more roads to help decrease congestion. 	· 🗆,	□,	□ ₃		
	 d. More lanes should be set aside for carpools and buses. 			\square_3	□₄	Б
	e. We should provide incentives to people who use electric or other clean-fuel vehicles.			Пз		□₅
5.	TIME	STRONGLY DISAGREE	DISAGREE	NEITHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
	I feel that I am wasting time when I have to wait.	\Box_1	$\square_{\mathbf{z}}$	□ ₃	□.	
	b. I would like to have more time for leisure.	\Box ,			□₄	□ 5
	c. I like to spend most of my time working.	\Box ,		\Box ,	\Box_{4}	□₅
	 d. When things are busy at work, I get more done by cutting back on personal time. 	□,		□ ₃	□₄	
	e. Occasionally, I would be willing to give up a day's pay to get a day off work.			а	□₄	□ ₅
				NEITHER		
6.	ENVIRONMENT	STRONGLY	DISAGREE	AGREE NOR DISAGREE	AGREÉ	STRONGLY AGREE
	 a. Environmental protection is good for California's economy. 			□ ₃	□₄	□ ₅
	 b. People and jobs are more important than the environment. 	□,	□ ₂	Пз	□₄	□₅
	 c. Whoever causes environmental damage should repair the damage. 	d □,		a	□₄	□₅
	 d. High density residential development should be encouraged. 	e □,		\square_3	□₄	□₅
	e. Environmentalism hurts minority and small businesses.	□,		Пз		₅

PLEASE CONTINU NEXT PAGE.

March 1, 1994

MOBILITY AND LIVABLE COMMUNITIES STUDY INSTITUTE OF TRANSPORTATION STUDIES UNIVERSITY OF CALIFORNIA, DAVIS, 95616

7.		Housing	STRONGLY DISAGREE	DISAGREE	NEITHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
	а.	I need to have space between me and my neighbors.	□,		□a	□₄	□₅
	b.	Having shops and services within walking distance of my home would be important to me.	□,		□₃	□₄	□ ₅
	c.	It's important for children to have a large backyard for playing.	\Box ,	□,	□ <u>,</u>	□₄	□₅
	d.	I would only live in a multiple family unit, (apartment, condo, etc.) as a last resort.	□,				
	e.	Too much valuable agricultural land is consumed to supply housing.	□,		□ ₃		□ ₅
8.		ECONOMY	STRONGLY DISAGREE	DISAGREE	NEITHER AGREE NOR DISAGREE	AGREE	STRONGLY AGREE
	а.	I would be willing to pay a toll to drive on an uncongested road.	\Box_i			□₄	
	b.	Vehicle emissions increase the need for health care.	, _□ ,	□,	□ ₃	□₄	□₅
	c.	Using tax dollars to pay for public transportation is a good investment.	\Box_i		Пз	□ ₄	□ ₆
	d.	Environmental protection costs too much.	\Box ,		$\square_{\mathfrak{z}}$		
	e.	We should raise the price of gasoline to reduc congestion and air pollution.	e □,		□ ₃	□₄	₅

March 1, 1994

. , . . .

PART C LIFESTYLE

Part C asks about the types of things you like to do and how you spend your leisure time. This information is useful to indicate the demand for transportation and other urban facilities. We once again assure you that all responses will be kept strictly anonymous.

1.	What typ	pes of subjects did yo	ou read	last month (check all	that a	oply)?	
		Art/architecture Business/finance Children's (stories) Cooking/recipes Computer Decorating Entertainment Environmental Fashion Gardening History	13 14 15 16 17 18	Home improvement Horror stories Humor Men's Military Mystery News/politics Outdoors Pets and pet care Photography	23 24 25 26 27 28 29	Sailing Science fiction Science/nature Sports/exercise/health Trade/professional	
2.	What 1	Yard work Visit friends Go shopping Religious activities Cultural activities Cook Concerts		spent last weekend? Entertain people Exercise Volunteer work Dining out Stay home & relax Read Work	15 16 17	Short vacation trips Movies Do chores Hobbies Outdoor/sports Other (specify)	
3. I.				oliday trips did you ta ere one week or longe			
		Pu	EASE CO	10 ONTII THE NEXT PA	AGE.	Marc	ch 1, 1994

5. From the following lists, check all that you have done within the last 12 months.

A. O	utdoors/Sports		
1 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10	Attended a professional sports event Went rafting/canoeing Went fishing Participated in a sports event Went scuba diving Went on a picnic Used an off-road vehicle Went to a shooting range Went skiing Went horseback riding	11 12 13 14 15 16 17 18	Went hiking/backpacking/camping Went hunting Went mountain climbing Went sailing Participated in motorcross Played tennis/golf Went bird watching Went swimming Other (specify)
B. En	tertainment/Events		
1 2 3 3 4 5 5 6 7 7	Went wine/beer tasting Went to a horse race Attended the ballet Attended the theater Went to a bar/night club Went to a casino Attended an auto show	8 9 10 11 12 12 13 14	Attended an auto race Attended a concert/symphony Attended a parade Went to a state or county fair Went to a trade show/exhibit Went to the movies Other (specify)
C. Tra	avel		
1 2 3 3 4 5 6 6 7	Visited a national park or historic site Visited a state park or historic site Visited a local or regional park Visited a wild animal park Visited a beach Visited a theme park/amusement park Visited another state	B 9 9 10 11 12 13	Traveled to another country Visited a wildlife refuge Visited an aquarium Took a cruise Went to a zoo Other
D. Do	It Yourself/Education/Hobbies		
1 2 3 4 5 5 6 6 7	Took a class or short course Made house improvements myself Did automobile service/repair myself Sewed (made clothes, quilts, etc.) Painted/wrote Volunteered to help the community Put in flower/vegetable garden	6 9 9 10 11 12 13 13 14 15	Built/refinished furniture myself Made household repairs myself Taught a class Did needlework/embroidery Took/developed photographs Entertained friends/family at home Participated in community event(s) Other

PLEASE CONTINUE E NEXT PAGE.

March 1, 1994

PART D DEMOGRAPHIC INFORMATION

In Part D we request some information about you to make sure we have a balanced mixture of people in our survey.

1.	Do you l	nave a driver's license?	Yes	□₂ No
2.	What is	your educational background?		
		Some grade school or high school High school diploma Some college or technical school	5 6	Four-year college/technical school degree Some graduate school Completed graduate degree(s)
		Please answer Question 3 even if yo	ou are temp	porarily unemployed or retired.
3.	What	best describes your occupation?	٠	
	1 2 3 4 5	Not applicable Service/repair Sales Homemaker Student	6 7 8 9 10	Manager/administrator Clerical/administrative support Professional/technical Production/construction/crafts Military
4.	Please	indicate your 1992 before-tax pers	sonal incom	e using the following categories.
	1 2 3	No income 0 to \$ 7,500 \$ 7,501 to \$ 15,000	6 	\$15,001 to \$30,000 \$30,001 to \$50,000 Over \$50,000

We would value any comments you may have regarding the subject of this study.

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THANK YO Y MUCH!

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March 5, 1993

Dear Survey Participant:

Thank you for participating in the Mobility and Livable Communities Study. We sincerely appreciate your cooperation. Your responses have provided us with invaluable information on travel and transportation. Your views and responses will be reflected in our final report.

As promised, we have enclosed \$5 as a token of our appreciation and our recognition for your contribution and participation in the Mobility and Livable Communities Study.

If you are interested in the findings, preliminary results of the study will be available in the Institution of Transportation office sometime in December, 1993. You may contact the office by calling (916) 752-4194.

Please give us a call at the Institute of Transportation Studies if you have any questions. Again, thank you for your participation in the study.

With regards,

R. Kitamura Professor P. L. Mokhtarian Assistant Professor

Institute of Transportation Studies University of California at Davis

Land Use and Travel Behavior

Appendix B: Site Survey Results

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Man: Relative I ocation of All Survey Sites	B-26

Summary of Concord Site Description

APARTMENTS

The site contains nine (9) apartment complexes with a total of 236 units. Two apartment complexes are located on Chestnut Avenue in the northeast center of the survey site. Six apartment complexes are located along Chestnut Avenue which runs through the center of the site in a south easterly direction. The apartments are located towards the east side of the survey site. The last apartment complex is located on Grove Avenue which runs north/south through the site slightly to the east.

BART

The BART station is at the opposite side of the survey site from the apartments. BART runs at approximately 2 hour intervals during the early a.m., increasing frequency to approximately one-half hour intervals during the peak commute hours from 5:00 a.m. through 7:30 a.m. and 4:00 p.m. through 6:00 p.m. Departure times are approximately one hour apart during the remainder of the day.

BUS SERVICE

There are thirteen (13) bus routes in the Concord survey area. All begin or end at the BART station. During the week the buses run from 5:52 a.m. to 7:34 a.m. and 4:38 p.m. to 6:45 p.m. at approximately one-half hour intervals. During the remainder of the bus service time buses run at approximately one hour intervals (from 41 minute to 74 minute intervals). Weekend service is provided at approximately one hour intervals.

BUSINESSES

The Concord survey site has one-hundred and forty-nine (149) businesses, including 5 churches in its approximately one-square mile area. One-hundred and one (101) are along Clayton Road. The next greatest concentration of business are along Galindo Street, which has eighteen (18) businesses. The remainder of the businesses are along Chestnut Avenue, Colfax Street, Concord Boulevard, Cowell Road, East Street, Farm Bureau Road, Grant Street, Grove Street, Lagunda Street, Main Avenue, and The Alameda.

The greatest concentration of business is around the BART station and is bordered by Mesa Street, Oakland Avenue, Clayton Road, Concord Boulevard, Galindo Street, and Monument Boulevard. Other businesses are located along Clayton Road and side streets near Clayton.

PARKS

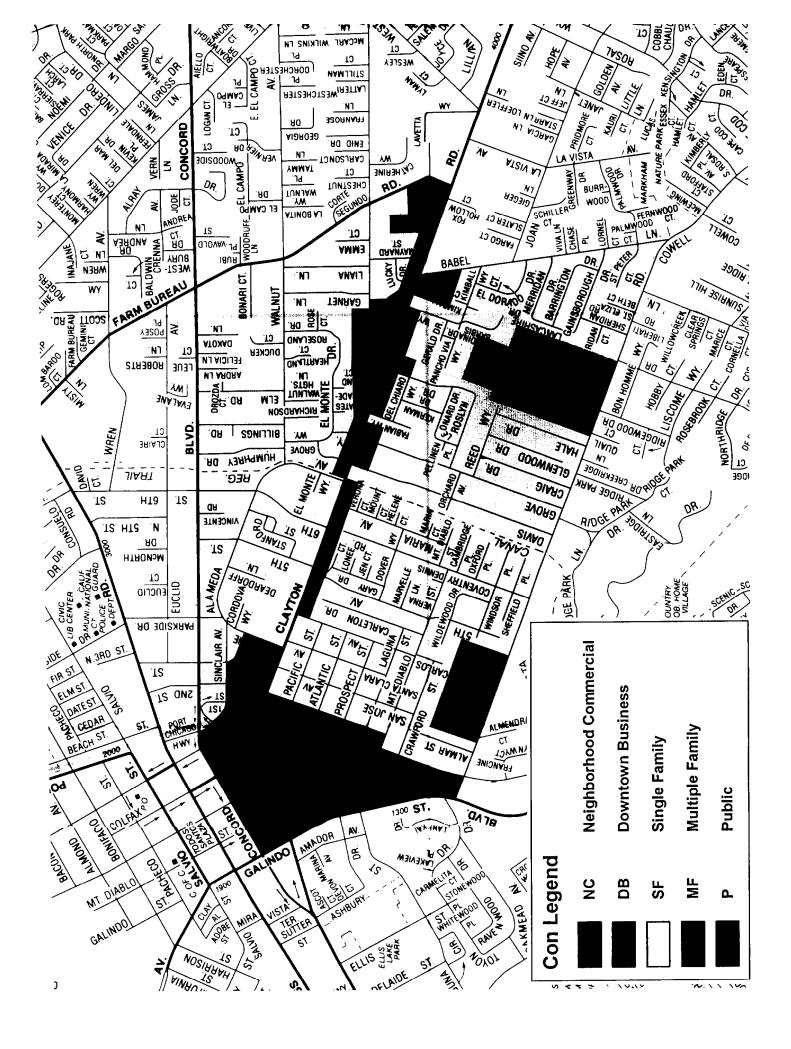
There is one park, the Concord Community Park, located at the southeast of the Concord study site. It contains a picnic area, playground, swimming pool, tennis courts, a clubhouse, a refreshment stand, and parking.

SCHOOLS

There are three schools in the Concord study area. Two are along San Carlos Avenue at the southwest portion of the study area. The third school is located on Pancho Via Way to the north-east of the Concord Community Park.

SINGLE FAMILY RESIDENTIAL

The remainder of the site is dedicated to single family residential dwellings.



Light Sidewalk Sidewalk Width Set Back Sidowelle Yes/no 2 hr
2 hr
10 hr
10 hr
10 hr
10 hr
11 hr
12 hr
12 hr
12 hr
13 hr
14 hr
14 hr
14 hr
15 hr
16 Speed Limit Condition Divided Yea/no Number of Lanes Twoway Yea/no Width (feet) 3000 9000 9000 2500 2500 2500 2700 1450 11100 11100 2600 900 900 11100 1 Concord: Site Description Cowell Rd. Farm Bureau Rd. Galindo St. Colfax St.
Cordova Way
Corentry Rd.
Craig Dr.
Craig Dr.
Davis Ave.
Deardoff In.
Del Chiaro Way
Demni Ct.
Dina Dr.
Dover Way
Droxe Ct.
Dover Ct. Babel Ln. Clayton Rd. Concord Blvd. Street Name

Concord: Site Description

Street Name	Length (feet)	Width (feet)	Twoway	Number of Lanca	Divided	Condition	Speed Limit	Stop Signs	Stop Lights	Park Att	Sidewalk Yea/bo	Sidewalk Sidewalk Width Set Back	Sidewalk Set Back	Light	Road Appear
Felicia I.a.	350	70	> -	7	z	9	25		0	off street	z	0		z	ш
Gainstonnish Dr	Ş	30	>	. 24	z	9	25		0	on street	*	3	_	>	δV
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General Dr.	250	8	· > -	2	z	Ö	25	0	0	off street	z	0	•	,	g
Glenwood Dr.	1150	30	> -	2	z	ц	25	0	0	off street	z	•	•	> -	Ð
Grant St.	000	20	>	4	¥	g	25	-	2	pouc	> -	2	~	>	Ð
Grove Way	3700	x	>	2	z	Ö	25	2	0	on street	z	•	•	¥	9
Hale Dr.	1150	30	>	2	z	g	25	-	0	off street	z			,	9
Heartland Ct.	350	30	> -	7	z	g	25		0	on street	>	4	_	> -	9
Helene Ct.	150	30	,	2	z	ц	23	0	0	on street	>			.	Ö
Humphrey Dr.	1000	30	>	2	z	ц	22	7	0	off street	z	0		z	9
ಭ	150	30	*	2	z	Ö	23	0	0	on street	>		0	~	9
Karman Dr.	400	30	×	2	z	0	25	0	0	on street	,	4	0	~	Ð
Kimbell Ct.	150	30	*	2	z	Ö	23	0	0	on street	*	4	•	*	Ö
Kimbell Way	700	30	>	2	z	Ö	25	-	0	on street	>	4	•	> -	9
Laguna St.	1300	30	~	2	z	G	25	٠	0	on street	>		2	,	Ö
Laguna St.	200	x	¥	3	z	Ь	25	_	0	Done	z	0		>	ч
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Leonard Dr.	950	23	~	7	z	9	25	0	0	on street	Y-n			> -	Ö
Liana Ln.	1050	22	>	7	z	Ö	25	7	0	off-street	z	•	•	>	Ö
Lonee Ct.	150	30	>	2	z	Ö	z		0	on street	>		•	,	Ö
Lucky Dr.	450	15	*	-	z	ᄯ	25		0	off street	z	•	•	~	Ö
Main Ave.	300	30	~	2	z	Ç	z		0	on street	>			> - :	.
Maria Ave.	1400	z	> -	7	z	Ġ	22	0	-	off street	z	•		> - '	Ö
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Marvelle Ln.	350	30	~	7	z	O	22	0	0	on street	+	.	0	> -	Ö
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Park St.	700	4	> -	7	¥	g G	z	-	0	Done	z	•	•	> -	5
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Prospect St.	950	22	>	2	z	g	22	_	0	on street	>	•	~	> - :	_O
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Ž.	Length	Width	Twown	Number	Divided	Condition	Speed	Stop	Stop	Purk	Sidowalk	Sidowalk	Sidewalk Sidewalk	ij
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Kose Ct.	3	3 :	- ;		: ;		ř	-	<	off street	Z	•	0	>
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Wildwood Dr.	1050	30	,	7	z	>	3	٠ -	۰ د					>

Summary of Pleasant Hill Site Description

Pleasant Hill has designated the area surrounding the BART station as a planned unit development (PUD) district. It's intent is to encourage development of high density, multi-family housing, business complexes, and business parks near the BART transit station.

APARTMENTS

There are forty-four apartment complexes in the Pleasant Hill survey area with a total of approximately 3,390 units. The majority of the units are located around the BART station along Jones Road, Las Juntas Way, and Elena Court. Four areas are designated as high density apartment complexes. They are located along Jones Road parallelling Highway 680, and south of Treat Boulevard; to the east of the BART PUD and north of Treat Boulevard, to the north of the BART PUD along Coggins Drive; and to the west of Highway 680 and separating the commercial district from the single family residential area.

On the south and east portion of the survey site is an area designated as low density multiple family. No apartments are located in this area and this area is not included in the above count. Duplexes or townhouses rather than apartments may be allowed in this area.

BART

The BART station is located near the center of the Pleasant Hill study site, north of Treat Boulevard and east of Highway 680.

BUS SERVICE

There are six (6) bus routes in the Pleasant Hill study area. Weekday service leaves at approximately fifteen (15) minute intervals during the peak commute hours of 6:22 a.m. to 8:57 a.m. and 4:34 p.m. to 7:35 p.m. (with intervals of 11 minutes to 20 minutes). Weekend service is at fifty (50) minute intervals.

BUSINESSES

Pleasant Hill has one-hundred and four (104) businesses located within the survey area. This includes four churches, two pre-schools, California State University Hayward, a private school, a convalescent hospital, day care center and a retirement home. Businesses are located along Treat Boulevard which runs east/west through the south central survey area; along Park Boulevard to the east of Highway 680 and at the northern boundary of the survey site; along Buskirk Avenue at the north of the BART PUD area and adjacent to Highway 680. There is a large "General Commercial" area located to the west of Highway 680 at the southern border of the study site.

PARKS

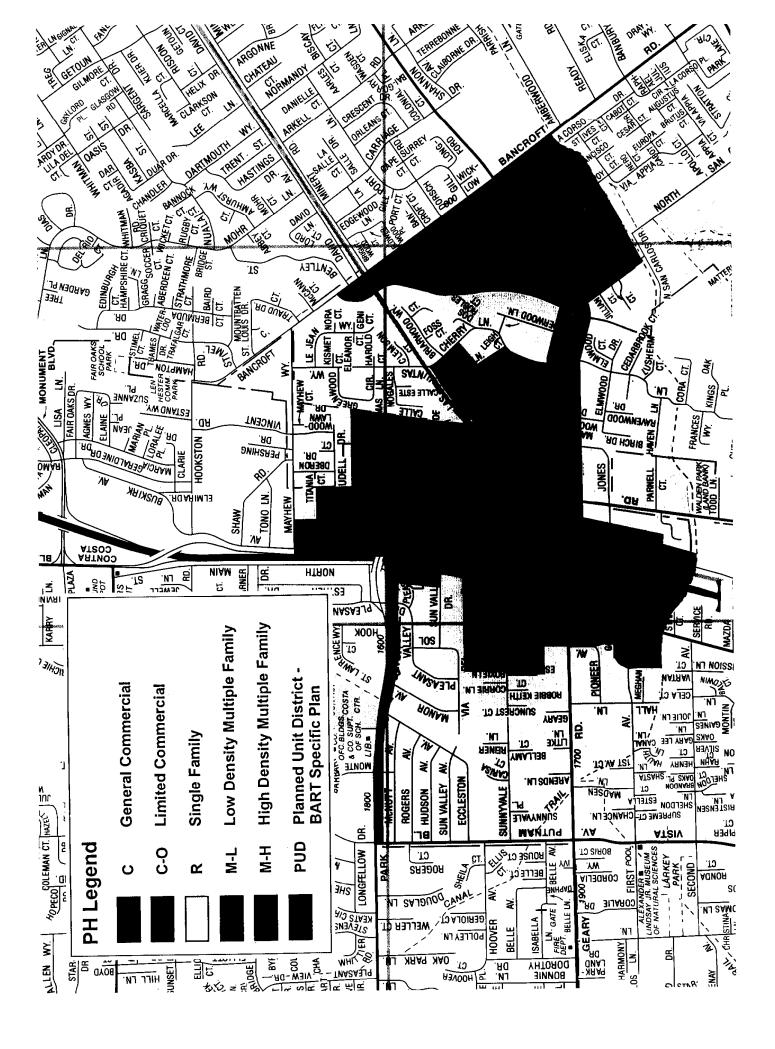
There are no parks located in this study area.

SCHOOLS

There are no public schools in the study area.

SINGLE FAMILY RESIDENTIAL

Single family residential areas are at the far west side of the study area, and at the north and south of the eastern portion of the study area.





Pleasant Hill: Site Description

Name	Length (feet)	Width (feet)	Twoway	Number of Lanca	Divided	Condition	Speed Limit	Stop Signa	Stop Lights	Put Ati	Sidewalk Yea/No	Sidewalk Sidewalk Width Set Back	Light	Road Appear
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Woodlawn Dr.
Ludell Ct.
Undell Ct.
Oberon Dr.
Titania Ct.
Maybew Way
Lemick Ln.
Pioneer Ave.
Hall Ln.
First Ave.
Gobel Way
N. Main St.
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Pleasant Hill: Site Description

Pleasant Hill: Site Description	iption											;	Ė	,	7
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Summary of North San Francisco Site Description

APARTMENTS

There are one-hundred and ninety-seven (197) apartment complexes in the North San Francisco survey area with approximately 3,330 units. Apartment complexes are scattered throughout the survey area with the greatest concentration of apartments along Broderick (29 apartment complexes and 852 units). Baker, the next block to the west of Broderick has 8 complexes and 227 units. McAllister, Golden Gate, Fulton, and Grove run east/west past Broderick and Baker which run north/south. There are 9 apartment complexes and 233 units on McAllister, 11 apartments and 171 units along Golden Gate, 10 apartments and 145 units on Fulton, and 6 apartments and 65 units on Grove. This area is bordered by Fell on the south with seven complexes and 90 units; Masonic to the east having 6 apartments and 70 units; and on the north, Turk with 9 apartments and 116 units.

BART

There is no BART service in this study area.

BUS SERVICE

North San Francisco has 20 bus routes serving the survey area. There are peak express buses leaving at seven (7) minute intervals from 6:52 a.m. to 8:37 a.m and from 4:30 p.m. to 6:20 p.m. An express to Richmond leaves beginning at 5:05 p.m. continuing at approximately 10 minute intervals through 6:22 p.m. In the Financial District buses leave and arrive at 6 minute intervals throughout the day and at 4 minute intervals during the peak commute. Other lines travel at approximately 30 minute intervals during the off peak.

BUSINESS

There are approximately 470 businesses located within the North San Francisco survey area. Included in this is the University of San Francisco, two hospitals, two medical centers, two hospital annexes and a convalescent hospital as well as a cooking school, two mortuary schools, two pre-schools, a nursery school, and an elementary school. Also included are 27 churches and two child care centers along with a wide assortment of retail outlets and services (thirty-seven (37) liquor stores and bars, eight gas stations, and seventeen drycleaners).

Main business locations are along Geary Boulevard, running east and west, and along Divisadero Street, running north and south. Other businesses are located along California between Spruce and Laurel, at the corner of Presidio Avenue and California Street, and near the University of San Francisco along Masonic Avenue near Fulton and McAllister Streets. There are also two small business locations at the western border of the survey area along Arguello Boulevard.

PARKS

This site is north of and adjacent to Golden Gate Park. There are several public areas scattered throughout the survey site. However, none are designated as parks.

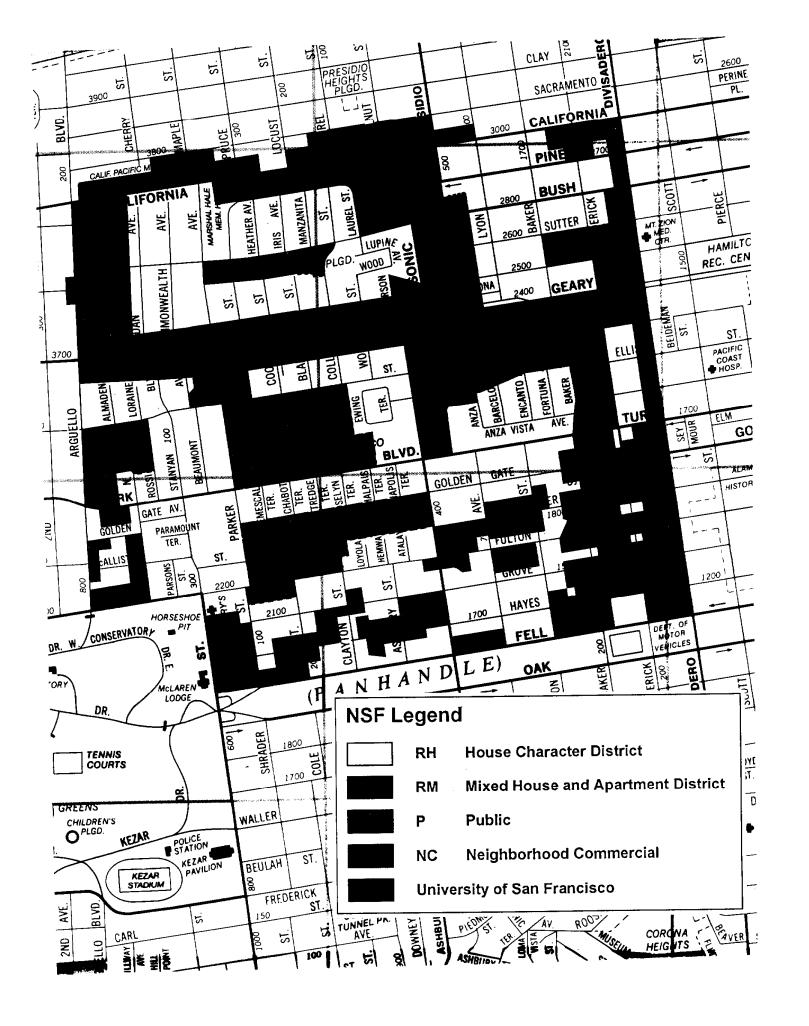
SCHOOLS

There are no public schools located in the survey area.

SINGLE FAMILY RESIDENTIAL

Single family residential neighborhoods are interspersed with multi family, commercial and public areas. There is less area designated as single family residential in the North San Francisco Survey area than in any of the other Bay Area survey sites.

NORTH SAN FRANCISCO SURVEY SITE



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Road Appear Light Sidewalk Sidewalk Width Set Back Y 2-hr Y Condition Divided Number of Lanca Arguello Bivd.
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Commonwealth Ave.
Jordan Ave.
Spruce St.

North San Francisco: Site Description

Summary of South San Francisco Site Description

APARTMENTS

This site contains 20 apartment complexes with a total of 403 units. Most apartments are located along Monterey Boulevard at the southeast border of the survey area. The largest apartment complex, with 144 units is on Woodside Avenue at the northwest border of the survey area.

BART

BART is located at the far southeast of the survey area just north of Highway 280, and is surrounded by commercial development.

BUS SERVICE

This survey area has one bus line serving it at approximately one-half hour intervals throughout the day during the week, and at approximately one hour intervals during the week-end.

BUSINESS

There area eighty-seven (87) businesses located in this survey area, including five churches. Most businesses are located along Monterey Boulevard at the southern boundary of the site, along Portola at the northeast, and surrounding the BART station at Glen Park and Circular Avenue. There is a higher proportion of dry cleaners (8) and gas stations (5) in this survey area than in other survey area.

PARKS

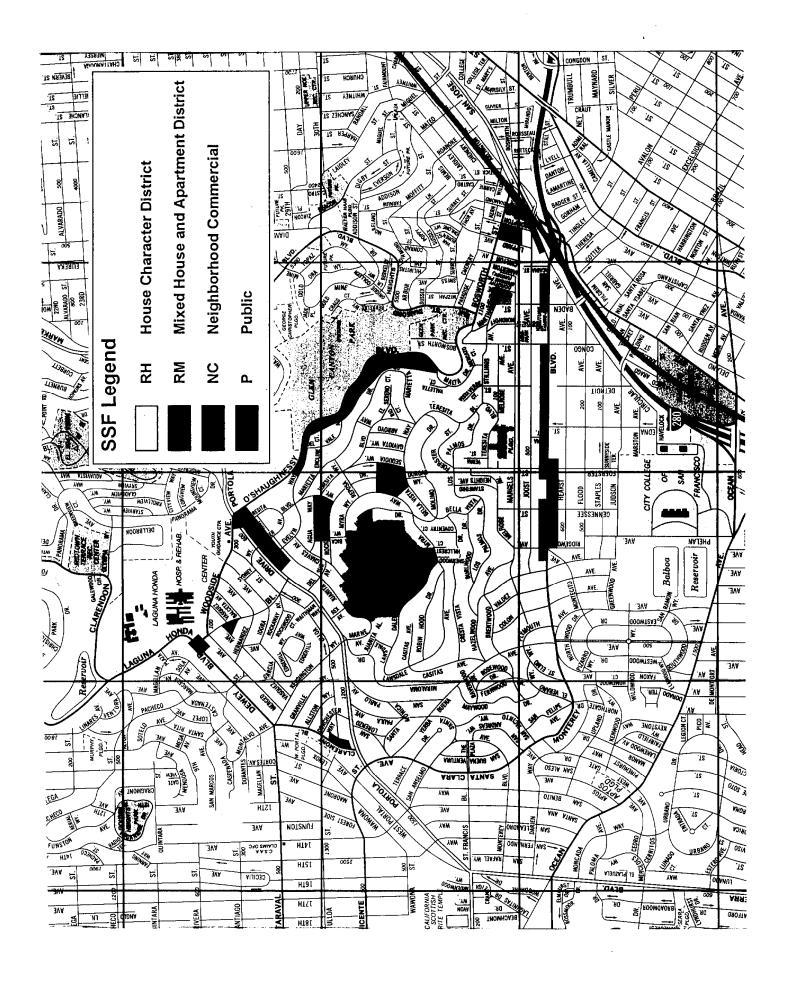
With seven (7) parks, this survey area has more parks than the other survey areas. Mt. Davidson Park is located in the center of the survey site, several smaller parks are scatter throughout the area and one larger park stretches along O'Shaughnessy Boulevard.

SCHOOLS

This survey site has five schools within its borders, also the greatest number of schools of any other survey site.

SINGLE FAMILY RESIDENTIAL

This site is predominantly single family residences with few multi-family areas and commercial districts.



South San Fransicso: Site Description

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Road Appear

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South San Fransicso: Site Description

Name

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Road Appear 8 88 i.igh Number of Lance Twowny Name

South San Fransicso: Site Description

Summary of San Jose Site Description

APARTMENTS

There are three (3) apartment complexes in the San Jose study area, with 390 units. All three complexes have more than 100 units each. In each of the other survey sites there is a mix of large and small apartment complexes with small complexes prevailing. All complexes are located together on Branham Drive and the Almaden Expressway along the eastern border of the survey site.

BART

San Jose has no BART service.

BUS SERVICE

This site is served by four (4) bus routes. Buses arrive at approximately 30 minute (ranging from 26 to 39 minutes) intervals from 6:26 a.m. to 10:14 a.m. and 3:53 p.m. to 7:16 p.m. Service intervals during the middle of the day are approximately 60 minutes. Week-end service is provided at sixty (60) minute intervals on some lines and at thirty (30) minute intervals on others.

BUSINESS

This survey area has 96 businesses, including 7 churches. Commercial areas are designated at the northeast and southwest and southeast corners of the survey area and along Branham Boulevard at the southern border of the survey area. Business are concentrated in three (3) of the four (4) corners of the survey area and along a major east/west street.

PARKS

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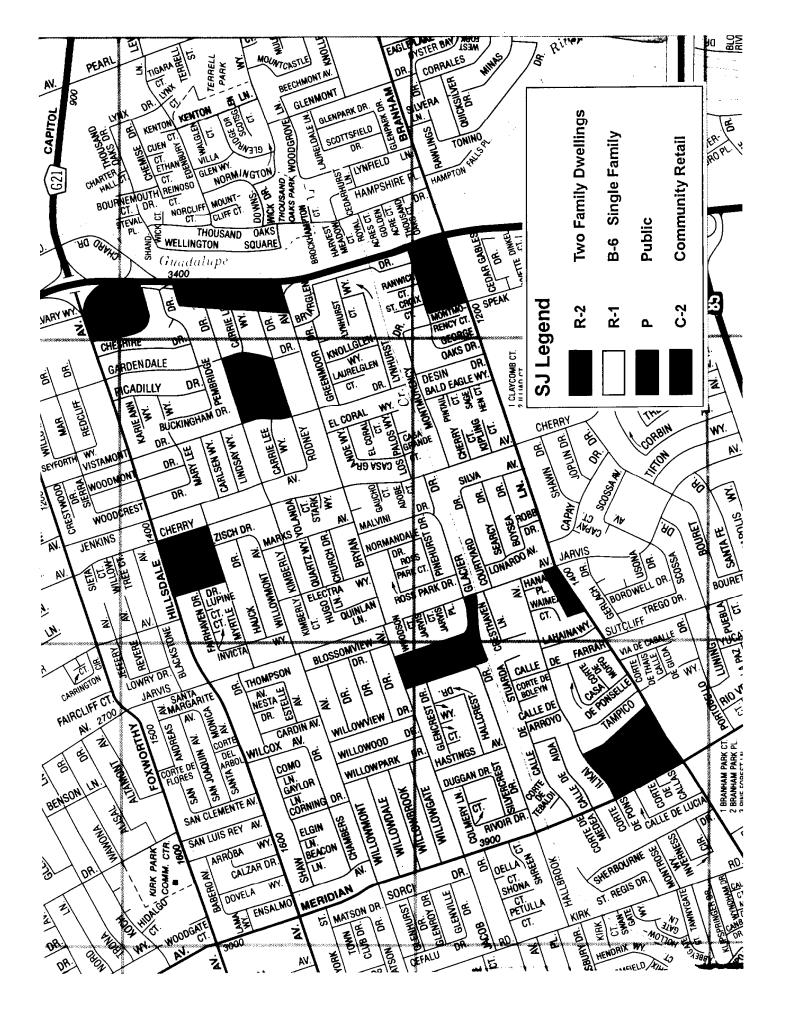
The San Jose survey area has one park, Moore Park, located on Hillsdale and Cherry Boulevards, near the center of the northern site border.

SCHOOLS

There are two elementary schools in the survey area. They are Reed Elementary School on Jacob Avenue which runs through the center western portion of the survey area, and Valley View Elementary School on Kimberly Drive in the northeast quadrant of the survey area. Valley View Elementary school also has a pre-school and daycare

SINGLE FAMILY RESIDENCES

This site is predominantly single family residences with a low residential density. The only apartments are concentrated along four (4) blocks near the expressway.



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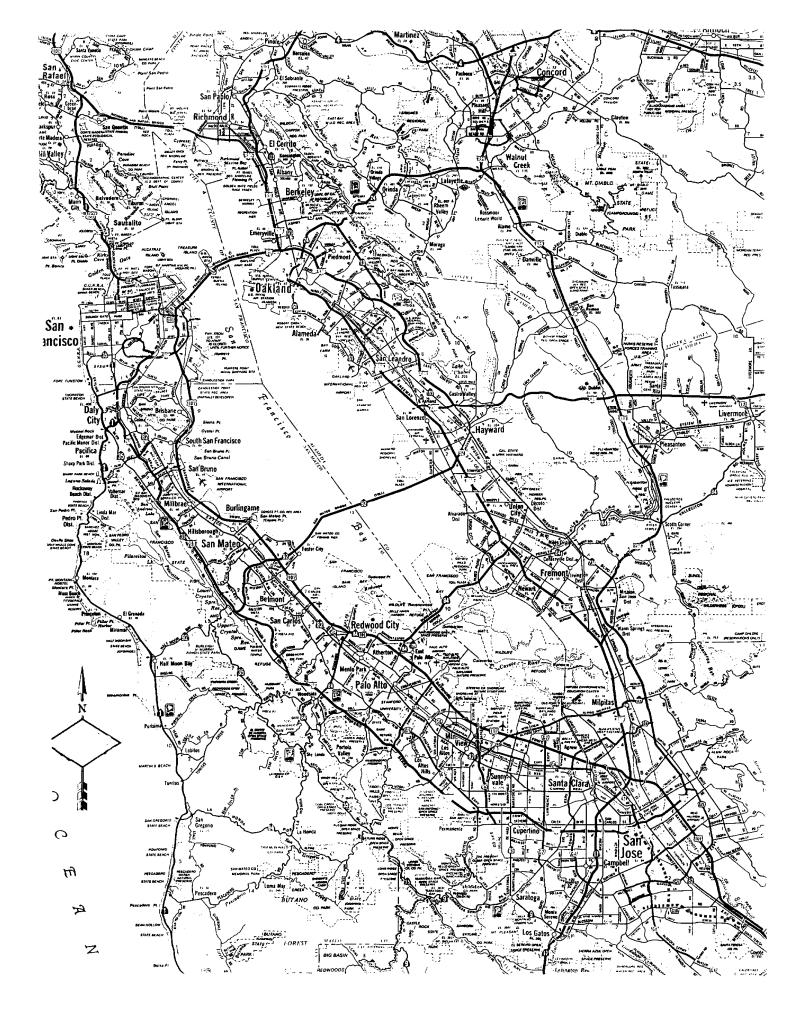
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RELATIVE LOCATION OF ALL BAY AREA SURVEY SITES





Institute of Transportation Studies University of California at Davis

Land Use and Travel Behavior

Appendix C: Survey Data Files

Contents:

Davis Survey Files	
Bay Area Survey Files	
Mailing Address Data Base Used for the Bay Area Household Survey	
and Data Files Summarizing Survey Results	C-3

Davis Survey Data Files

The data files are developed for the phases of the survey or a particular question which requires a separate file. Each phase of the survey focused on one particular segment of the study. Phase-0 is the one-page recruitment questionnaire. Phase-1 is a background questionnaire. Phase-2 is the household questionnaire, and Phase-3 is a Transportation and Urban Life questionnaire. The travel Diary is the fourth survey for the Davis pilot survey. Copies of each survey can be found in Appendix A. In order to maintain confidentiality, address files are not made available. The names of the data files for each survey are listed below. The files are available with supporting documentation.

Davis Phase-0 (Will you participate) data files:

PH0DAVIS.DBF

Davis Phase-1 (Background) data files:

BACKEXT.DBF

Davis Phase-2 (Household) data files:

PH2EXT.DBF

Davis Phase-3 (Individual) data files:

PH3AEXT.DBF, PH3BEXT1.DBF,

PH3BEXT2.DBF, PH3CEXT.DBF,

PH3DEXT.DBF,

Davis Trip Diary data files:

DAVISTRI.DBF,

Bay Area Survey Data Files

The data files for the Bar Area surveys are developed for the phases of the survey or a particular question which requires a separate file a combined file. Each phase of the survey focused on one particular segment of the study. Phase-0 is the one page recruitment questionnaire. Phase-1 is the household questionnaire. Phase-2 is the individual questionnaire. The travel diary is the fourth survey for the Bay Area survey. Copies of each survey follow. As with the Davis survey, address files are not made available. The names of the data files for each survey are listed below. The files are available with supporting documentation.

Will You Participate

ARBPH0.TXT

Household Questionnaire

PH1EXT.TXT, VEH2.TXT

Personal Travel Diary

TRIP.TXT, FREQTRIP.TXT

Individual Questionnaire

PH2EXT1.TXT, PH2XT2.TXT

Combination file

HOUSE.TXT

Mailing Address Data Base Used for the Bay Area Household Survey and Data Files Summarizing Survey Results

Sample households were selected randomly from each study site based on mailing address. Mailing addresses were collected through a Florida company that provides addresses for marketing uses.

In order to develop a list of residential mailing addresses, carrier route numbers, a post office term for a specific delivery area, were needed because mail marketing firms requested carrier route numbers before furnishing a mailing list. For the Pleasant Hill and Concord sites Carrier Route Information System (CRIS) sheets were obtained by a site-visit to each post office. San Jose mailed the necessary sheets, and the CRIS information for San Francisco had to be obtained through a central Post Office facility in Memphis, Tenn.

Since the Post Office does not release individual addresses, a list of carrier route numbers for each site was developed by using detailed zoning and plot maps in conjunction with the CRIS sheets. Streets falling within each site's boundaries could be matched to a particular carrier route number and the total site-specific carrier route numbers for each of the five Bay Area sites provided the information necessary for a mail marketing firm to generate five residential mailing lists on diskettes.

Data Files

Data from the Personal Travel Diary, Household Questionnaire and Individual Questionnaires was entered using DBASE IV. DBASE was chosen for data entry for several reasons. First, data from DBASE can easily be translated into Word Perfect, ASCII files and various statistical packages. Second, the data entry screen can be customized for ease of data entry. Third, it is commonly available on most IBM and IBM compatible computers and is therefore the most compatible format available.