Appendix B

NORC-4259 11/77

		BEGIN	DEC	K 1
CASE #				6-9/
	(FOR	OFFICE NLY)		'

SURVEY OF NATURAL DISASTER PUBLIC POLICIES

Household Residents Interview Schedule

Social and Demographic Research Institute
University of Massachusetts/Amherst

and

National Opinion Research Center University of Chicago

INSTRUCTION TO PERSON WHO ANSWERS DOOR:

Hello. I'm (NAME) from the National Opinion Reseach Center of the University of Chicago. We are conducting a survey of residents of your community and eight other areas in California. Our survey is about natural disasters such as tornadoes, floods, earthquakes, forest fires, and the like. I need to speak to a head of household. Many households have more than one person who serves as the household head. For this survey, I need to speak to the (male/female) head of the household.

Appendix B

DECK	1

	TIME	
Ì	INTERVIEW	 AM
	BEGAN	 PH

SECTION I

1.	To begin, we are interested in knowing what have been the serious problems facing your community, that is (the city of/the county of), over the
	past 10 years. I am going to read you a list of problems commonly faced by com- munities much like yours. As I read the list, I will ask you to rate each problem
	on the list with a score between 1 and 10 to represent just how serious you think
	that problem has been for your community over the past 10 years.

Here is a card with a scale from 1 to 10. Think of a score of 1 as no problem at all, and a score of 10 as a most serious problem. What score between 1 and 10 would you give to . . . (REPEAT FOR EACH CATEGORY).

HAND	PROBLEM	SCORE
CARD	inflation?	10-11/
ь	drought?	12-13/
¢	unemployment?	14-15/
d	crime rates?	16-17/
•	damage or injury from flooding?	18-19/
f	pornographic literature and movies?	20-21/
8	damage or injury from earthquakes?	22-23/
h	damage or injury from fires?	24-25/

Now I would like to turn to the issue of natural disasters, in particular, earthquakes, floods, and fires.

2. Over the next 10 years, what are the chances that your community will experience a serious (REPEAT FOR EACH DISASTER)? What we mean by percent chance is the kind of thing we hear on weather reports, like "40 percent chance of rain." PAUSE. On a scale from 0 to 100 percent chance, where would you place your community's chance of experiencing a serious (REPEAT FOR EACH DISASTER)? (CIRCLE 998 IF RESPONDENT IS UNABLE TO ESTIMATE.)

a,	earthquake	%	998	26-2"
ь.	flood	7.	998	
c.	brush or forest fire	7,	998	32- 4

 As far as you know, are there any special features of your community that would tend to make for special dangers should a natural disaster occur? For example, sre there any . . . (READ EACH CATEGORY.)

	Yes	No	Don't know
a. dams that might collapse?	1	0	8
factories or military installations with explosives or dangerous chemicals?	1	0	8
. nuclear power plants whose safeguards might fail?	1	0	8

4. We are interested in how concerned people are about what would happen to themselves or to their families if a serious natural disaster were to occur in this community, that is, here in (CITY OR COUNTY). Are you very concerned, somewhat concerned, or not at all concerned... (REPEAT FOR EACH CATEGORY).

		Very concerned		Not at all concerned	
*	that the building in which you live would suffer serious damage?	2	1	0	8
b. —	that the contents of your home furniture, carpets, appliances would be seriously damaged?	2	1	0	8
с.	that you or someone in your family would be seriously injured?	2	1	0	8
to vei	a serious national disaster were occur in this community, are you ry concerned, somewhat concerned, not at all concerned.				
d. —	that the fire or police departments would be unprepared?	2	I	0	8
e. —	that there would be long delays in getting people to hospitale?	ż	Ł	0	8 .
f.	that hospitals would not be able to take care of all the people needing medical attention?	2	1	0	8
g.	that phone services, electricity or natural gas would be out of service for a day or more?	2	1	0	8

SECTION II

Now I would like to ask your opinion about some things the federal government could do to deal with the effects of natural disasters. There are, of course, some things that everyone seems to agree on--for example, that warning systems should be accurate and that all government agencies should do everything they can to reduce suffering in the immediate aftermath of a disaster. But on other issues, there is quite a bit of disagreement.

5.	For instance, one view says that natural disasters cannot really be predicted or controlled. They can happen to almost anyone at any time. Since there is not
	much that can be done to reduce risks in advance, the federal government should routinely provide financial assistance to victims of disasters for damage to
	their homes and other possessions. How about you? Do you agree strongly, agree somewhat, disagree somewhat, or disagree strongly with this policy?

Agree strongly	•	٠	٠	3	45/
Agree somewhat	٠			2	
Disagree somewhat				1	
Disagree strongly				0	
Don't know				8	

6. Another view is that people really know the risks they are taking when they live in areas prone to earthquakes, floods, and forest or brush fires. Since people take these risks knowingly, they alone should bear the costs of damage to their homes and other possessions. How about you? Do you agree strongly, agree somewhat, disagree somewhat, or disagree strongly?

Agree strongly	٠	٠	٠	٠	3	46
Agree somewhat					2	
Disagree somewhat					1	
Disagree strongly					Đ	
Don't know					8	

7. Yet another view is that regardless of whether people really know the risks, the federal government should keep people from building in dangerous areas through regulations on how land can be used. How about you? Do you agree strongly, agree somewhat, disagree somewhat, or disagree strongly?

,	
Agree strongly , 3	47/
Agree somewhat 2	
Disagree somewhat 1	
Disagree strongly 0	
Don't know . 8	

	disaster. Do you agree strongly, disagree strongly?	enough to withstand a serious natural agree somewhat, disagree somewhat, or	
		Agree strongly 3	48/
		Agree somewhat 2	
		Disagree somewhat 1	
		Disagree strongly 0	
		pon't know 8	
		SECTION III	
	t I would like to discuss preventa al level.	tive measures that are taken at the sta	te and
9.	and other kinds of buildings in fires, or on sites close to eart	laws prohibiting people from construct flood plains, areas prone to forest or hquake faults. Do you strongly favor, gly oppose such legislation or ordinance TY OR COUNTY)?	brush somewha
		Strongly favor 3	49/
		Somewhat favor 2	
		Somewhat oppose 1	
		Somewhat oppose 1 Strongly oppose 0	
		Somewhat oppose 1	
10.	As far as you know, does your co	Somewhat oppose 1 Strongly oppose 0 Don't know 8	
10.	As far as you know, does your co	Somewhat oppose 1 Strongly oppose 0 Don't know 8	50/
 IO.	As far as you know, does your co	Somewhat oppose 1 Strongly oppose 0 Don't know 8	50/
10.	As far as you know, does your co	Somewhat oppose 1 Strongly oppose 0 Don't know 8 Tomounity have such laws? Yes	50/
11.	Many California communities have to be flood-proofed, new buildin new buildings in earthquake-pro damage. Do you strongly favor,	Somewhat oppose 1 Strongly oppose 0 Don't know 8 magnify have such laws? Yes	plains and wake ongly

Den't know 8

L2.	As-	far as you know, does your com	munity have any such la	ws?			
		7	res (GO TO Q. 14)			1	52/
		2	······································			0	
		I	Oon't know (GO TO (2. 14		8	
13.	INT	ERVIEWER: CHECK Q. 10. HOW IS	Q. 10 CODED?				
		•	res (GO ON TO Q. 14	i) .		1	53/
		1	NO (SKIP TO Q. 16)			0	
		1	OON'T KNOW (GO ON TO	Q	14) .	8	
14.		e any of the kinds of local law r familyfor example, have the		CH C	ATEGO!		ou or
			Į	Yes	No	know	
	4.	raised your housing costs?		l	0		54/
	b.	lowered your risks from natur	al disasters?	1	0	8	55/
	c.	made it difficult to find the housing you want?	kind of	1	0	8	56/
	đ.	made you feel safer?		1	0	8	57/
	e.	caused higher taxes?		1	0	8	58/
	f.	made you prepare better for n	atural disasters?	ı	0	8	59/
	8-	increased your insurance prem home or possessions?	lums on your	1	0	8	60/
15.	have	about your community? Do you had any effects on your commu	think the local laws w nityfor example, hav	e hav	ye bee	en discus	sing T
				Yes	No	Don't know	
	a. —	made it more expensive for in to locate in your community?	dustry and business	1	0	8	6
	b.	led to the construction of sa	fer buildings?	1	0	8	62/
	c.	raised the costs to taxpayers new schools, hospitals, and o	of constructing ther public buildings?	1	0	8	63/
	d.	made the local fire and polic better prepared?	e department	ı	0	8	64/
	e.	made your community seem a le	ss desirable place	1	0	8	

END DECK '

BEGIN DECK

15.	(Continued) Do you think the local laws we have been discussing				19.	19. As far as you know, does your community, that is (CITY OR COUNTY) partic in the Federal Flood Insurance Program?		
	have had any effects on your community for example,	Γ					Yes ,	74/
	have they (REPEAT FOR EACH CATEGORY).	Yes	No	Don't know			No , . (GO TO Q.24) ()
	f. raised the operating costs for industry and business already located in your community?	ı	0	8	66/		Don't know (GO TO Q.24) . 8	
	g. increased the costs of building new homes and sportments?	1	0	B	67/	20.	Since you have lived at your current address, have you considered gatting Federal Flood Insurance for yourself?	
	h. made people in the community better prepared?	1	0	8	68/		Yes	1 75/
	 made the buying and selling of homes far more complicated? 	1	0	8	69/		No	
	j. produced housing shortages?	1	0	8	70/		Don't know,	END D
						21.	Did you ever try to get Federal Flood Insurance for yourself?	BEGIN D
							Yes	10/
	SECTION IV						No . (GO TO Q. 24) 0	
Nov	I would like to ask some questions about insurance.						Don't know (GO TO Q.24) . 8	
	First, do you own or rent the home or apartment in w	hich y	ou liv	re?			Do you currently have such insurance?	
	Own				71/	22.	•	
					, 1,		Yes 1	11/
	Rent (SKIP TO Q. 33						No (GO TO Q. 24) , . 0	
	Other (SPECIFY AN	SKIP	TO Q.	33) 8			Don't know (GO TO Q.24), 8	
17.	The next set of questions is about the federal gover Program. The idea behind the program is that the fe subsidize flood insurance for property owners in flo in return, local communities agree to establish poli	deral ;	govern ard ar	ment will eas, if,		23.	Suppose your home was destroyed by a flood. Would your flood insurance all of your loss, most of your loss, some of your loss, or none of your	
	further construction and development in those areas.	Have	you h	eard			All of loss 3	12/
	any discussion about a federal program of that sort COUNTY)?						Most of loss , ,	
	Yes				72/		Some of loss	
	No						None of loss	
	Don't know	• • •	• • •	8			Don't know 8	
18.	What would be your personal opinion of such a progra as a whole, would you be strongly in favor, somewhat or strongly opposed to the program?							
	Strongly in	favor		3	73/			
	Somewhat in	favor		2				
	Somewhat op	posed		1				
	Strongly op	posed		0				
	Don't know	. .	• • •	8				

DECK 2

16/

Yes 1

No . . (GO TO Q.31). . . . 0
Don't know (GO TO Q. 31). . 8

That is, damage to walls, ceilings and the like?

		Yes	177
		No 0	
		Don't know 8	
		No mortgage 7	
29.	Do you currently have such insurance?	!	
		Yes 1	18/
		No (GO TO Q. 31) 0	
		Don't know . (GO TO Q. 31) . 8	
30.	Suppose your home were destroyed by a	a fire, would your fire insurance cover some of your loss, or none of your loss,	s ?
		All of loss 3	19/
		Most of loss , 2	
		Some of loss 1	
		None of loss 0	
		Don't know 8	
31.	If someone were to buy the (home/apar do you think they would have to pay i estimate?	tment unit) in which you live, what or it? PROBE: What is your best	
		\$ DOLLARS	20-22 23-25
32.	If the building in which you currently about how much do you think it would best estimate?	y live were destroyed by a natural dis cost to rebuild it? PROBE: What is y	aster,
		\$ DOLLARS	26-28 29-31

DECK 2

GO TO Q. 35

37. In that earthquake(s) that you personally experienced, did any close friends or relatives not living in your household suffer property losses over \$500

SECTION VII

	SECTION VII			or personal injuries that required medical attention? Again, we are interested in losses before any reimbursement by insurance companies.
33,	The next questions are about insurance for the contents of your home			Yes 1 36/
	furniture, carpets, appliances and things like that in case of a natural disaster. Do you have insurance just for the contents of your home that			No 0
	would cover damage caused by floods, fires, or earthquakes?			Don't know 8
	Yes 1	32/	38.	Have you ever personally experienced a serious flood, either in your present community or elsewhere?
	No (GO TO Q. 35) O			Yes
	Don't know . (GO TO Q. 35) 8			No (GO TO Q. 41) 0
34.				Don't know . (GO TO Q. 41) 8
34.	Suppose the contents of your home were damaged by a flood, a fire, or an earthquake. Would your insurance cover all of your loss, most of your loss			DOI 1 KILOW . (GO 10 Q. 41)
	some of your loss, or none of your loss?		39.	In that flood(s), did you or any members of your household suffer property losses
	All of loss 3			over \$500 or personal injuries that required medical attention? We are interested in losses before any reimbursement by insurance companies.
	Host of loss 2			Yes 1 38/
	Some of loss, 1			No 0
	None of loss 0			Don't know 8
	Don't know 8			
			40.	In that flood(s) that you personally experienced, did any close friends or relatives suffer property losses over \$500 or personal injuries that required medical attention? Again, we are interested in losses before any reimbursement by insurance companies.
	SECTION VIII			Yes 1 39/
				No 0
	I want to ask you a few questions about your past experiences with natural asters.			Don't know 8
15.	Have you ever personally experienced a serious earthquake, either in your present community or elsewhere?		41.	Have you ever personally experienced a serious forest or brush fire, either in your present community or elsewhere?
	Yes 1	34/		Yes
	'No' (CO TO Q. 38) 0			No (GO TO Q. 44) 0
	Don't know (GO TO Q. 38) 8			Don't know . (GO TO Q. 44) . 8
6.	In that earthquake(s), did you or any members of your household suffer property losses over \$500 or personal injuries that required medical attention? We are interested in losses before any reimbursement by insurance companies.		42.	In that forest or brush fire(s) that you personally experienced, did you or any members of your household suffer property losses over \$500 or personal injuries that required medical attention? We are interested in losses before reimbursement by insurance companies.
	Yes 1	35/		Yes 1
	Na , , , , , , , , , 0			No 0
	Don't know 8			Don't know 8
				•

	How long have you lived at your present address? IF LESS THAN ONE Y	EAK,	ENTE.	R 00.
	VPLOS			4,-40
	ILAXS			
47.	INTERVIEWER: DOES R LIVE			_
	YES	NO	IONOM DON . IL	_
	a ON THE SIDE OF A HILL OR STEEP INCLINE?	0	8	49/
				- 1
	b. AT THE BASE OF A HILL OR STEEP CANYON?	- 0	•	50/ -
		0	8	- 51/
	BRUSH, OR GRASS?	0	8	52/
48.	INTERVIEWER: IS THIS DWELLING UNIT A MOBILE HOME?			-
	YES (CO TO 0 52)	1		53/
	• • •			
49.				
	other kind of dwelling? CODE ONE ONLY.		r some	
	CARD			54/
	B. Duplex or triplex			
	·			
	2. 0.112. (0.201.)			
50.	What kind of frame does your home have? Is it built around a wo	den f	rame,	
	built around a steel frame, built of reinforced concrete, of str with concrete blocks, with bricks, adobe or cinder blocks?	ccura	1 conc	rete
	PROBE: What kind of material is the basic structural support of building? CODE ONE ONLY	your		
	HAND A. Wood	1		55/
	CARD B. Steel	2		
		3		
	D. Structural concrete	4		
	H. Don't know	8		
	49.	a. ON THE SIDE OF A HILL OR STEEP INCLINE? b. AT THE BASE OF A HILL OR STEEP CANYON? c. IN A RAVINE OR CANYON? d. IN AN AREA SURROUNDED BY DRIED OUT TIMBER, BRUSH, OR GRASS? 48. INTERVIEWER: IS THIS DWELLING UNIT A MOBILE HOME? YES . (GO TO Q. 53) NO	47. INTERVIEWER: DOES R LIVE YES NO a. ON THE SIDE OF A HILL OR STEEP INCLINE? b. AT THE BASE OF A HILL OR STEEP CANYON? c. IN A RAVINE OR CANYON? d. IN AN AREA SURROUNDED BY DRIED OUT TIMBER, BRUSH, OR GRASS? 48. INTERVIEWER: IS THIS DWELLING UNIT A MOBILE HOME? YES . (CO TO Q. 53)	47. INTERVIEWER: DOES R LIVE YES NO DON'T KNOW a. ON THE SIDE OF A HILL OR STEEP INCLINE? b. AT THE BASE OF A HILL OR STEEP CANYON? c. IN A RAVINE OR CANYON? d. IM AN AREA SURROUNDED BY DRIED OUT TIMBER, BRUSH, OR GRASS? 48. INTERVIEWER: IS THIS DWELLING UNIT A MOBILE HOME? YES . (GO TO Q. 53) 1 NO

51.	. Is the roof of the building in which you live made of wooden shingles, a shalt shingles, ceramic tile, slate, or some other materials					o s	54. Do you have any gas appliances in your home, such as a gas stove or clothes dryer, or a gas furnace or hot water heater?							
	shingles, asphalt shi	ngles, ceramic tile, slate, or some	other ma	iterial	187					Yes		1		69/
										No		0		
	HAND	A. Wooden shingle		. 1		56/				Don't know			D DEC	K 2
	CARD D	B. Asbestos shingle		. 2					the following in or aro	and make home?			N DEC	
	<u> </u>	C. Asphalt shingle		. 3			23. DO 9	ou have any or	tue tollowing in ot ato	und your nome:	V	No.	Don't	ו
		D. Ceramic tile		. 4							Yes	No	knov	J
		E. Slate		. 5				a. a fír	rst aid kit?		1	0	8	10/
		F. Other (SPECIFY)		6				1 - fi	re extinguisher?		1	0	8	 11/
		G. Don't know		. 8										_
	Y	1.4114						c. a fir	re or garden hose?		1	0	8	_12/
32.	aluminum siding, asph	building in which you live made of alt shingles, stucco, or some other				e,		d. a smo	oke alarm?		1	0	8	13/
	THAT APPLY.							e. a ker	rosene or Coleman-type 1	amp?	1	0	8	14/
	HAND	A. Brick		. 1		57/			gency lights such as can flashlight?	dles	1	0	8	- 15/
	CARD E	B. Wood		. 2		58/			rtable radio?		1	0	8	_ 16/
		C. Concrete		. 3		59/		g	a garden hose and outsi	de hookung?	1			-17/
		D. Aluminum siding	• • • • •	. 4		60/			d Salecti Hope and Datas					
		E. Asphalt shingle		. 5		61/				_	_			
		F. Stucco or plaster	. 6		62/	SECTION XI								
		G. Other (SPECIFY)		7		63/	Next, I w		sk you a few questions a	bout your backgr	ound and	where		
		H. Don't know		. 8		64/	,00 11ve.			г			٦	
5.2	Now I would like to ask some questions about leaving your home quickly in						56. In what year were you born?							18-
,,,	emergency. In case y	ou had to evacuate your home in a h lood (READ EACH CATEGORY)				1ous					YEAR			
			Yes	No	Does			you currently married?	married, widowed, divorc	ed, separated, o	or have yo	u nev	er	
	a. Do you have any v	oung children who could		0	8	65/			Матт	ied		1		22/
	not get out by the	emselves?	1		8				Wido	wed		2		
		lderly or ill people living in not get out by themselves?	1	0	8	66/			Divo	rced		3		
		ets who could not get out by	1	0	8	67/			Sepa	rated		4		
	themselves? d. Do you have in you	ur home the only copies of							Neve	r married		5		
		apers or documents which could	1	0	8	68/								

8. What was the h	ighest grade you finished in grade school or high school?		62. Do you have a savings account in this (city/county)?					
A. <u>IF 11TH CR</u>	GRADE OR OVER: What is the highest degree or diploma you	23-24/	Yes					
	presently hold? RECORD VERBATIM AND CODE ONE. Did not complete high school 1 High school graduate or GED 2	25/	63. Are you currently employed? Yes (ASK A)					
	Associate's degree		A. IF YES: Is that a full or a part-time job? Full time					
59. How many people	Doctoral degree (M.D., Ed.D., Ph.D.) . 7		64. What do you actually do on your job? RECORD VERBATIM. IF MORE THAN ONE JOB, PROBE FOR MAIN JOB.					
	PEOPLE ORE: How many of these are your children under 18?	26-27/	38-39, 40-41, 42-43, 44-45,					
	CHILDREN	28-29/	65. For what kind of place do you work? PROBE: What do they make or do? 46-47 48-49					
	r immediate household, do you have any close family or relative in hour's drive from here?	768						
	Yes	30/	66. INTERVIEWER: SEE QUESTION 59. DO OTHER PEOPLE BESIDES R LIVE IN THIS HOUSEHOLD? YES					
61. In this (city/c CATEGORY)	ounty), do you have any financial investments in . (READ EACH Yes No Don' know	t	67. IF OTHER PEOPLE LIVE IN THIS HOUSEHOLD: Is there another person who is a wage earner in your household? PROBE IF MORE THAN ONE ADDITIONAL WAGE EARNER: I mean the person who makes the largest contribution to the family besides you.					
	a. residential property, not including your own home? 1 0 8 b. business property? 1 0 8	31/ 32/	Yes . (ASK A) 1 51 No . (GO TO Q.70) 0					
	c. land? 1 0 8 d. commercial enterprises? 1 0 8	- 33/ - 34/ -	A. IF YES: Does that person have a full or part-time job? Full time 2 52/ Part-time 1					

(TO BE FILLED OUT AS SOON AS POSSIBLE AFTER LEAVING RESPONDENT)

	What does that person actually MAIN JOB.	55	3-54/ 5-56/	Length of interview:	Minutes			68 - 7
9.	For what kind of place does tha	t person work? PROBE: What do they make or do?	9	Date of interview:	Month Day 71-72/ 73-74/	Year 75-76/	END DE	icr 1
			1-62/	In constal what was		do torrard	BEGIN DE	ECK 4
·		63	3-64/	In general, what was	•		terested 1	ME. 10/
					Cooper	ative but		
0.	In which of these groups did yo	our total family income, from all sources, fall	-			•	estless 3	
	last year1976before taxes,	that is? Just tell me the letter.			Hosti:	.e	4	
[HAND CARD	Under \$5,000 A 01 65	-66/					
1	F	\$5,000 to 5,999 B 02	ъ.	Was respondent's unde	rstanding of the quest:			
		\$6,000 to 6,999 C 03					Good 1	11/
	In addition to wages and salaries, total income	\$7,000 to 7,999 D 04					POOT	
	includes such things as interest or dividends,	\$8,000 to 9,999 E 05	_					
	rent, social security, other pensions, alimony	\$10,000 to 14,999 F 06	RE	CORD INFORMATION FROM T	HE BIOCK SAMPLE LISTING	SHEET.		
	or child support, unem- ployment compensation,	\$15,000 to 19,999 ¢ 07		PSU #	SEG.# LINE #	 -	STREET ADDRESS	
	public aid (welfare), armed forces or	\$20,000 to 24,999 B OB	Ε.	(1)	15-177 18-20	۔ لبر		
	veterans allotment.	\$25,000 to 29,999 I 09		(2) CIRCLE CODE F	OR QUOTA THIS CASE APPI	LIES TO:	CITY	
		\$30,000 or over J 10				Male	1	
		Refused 11				Female	e 2	
		Don't know 98						
hank	you very much for your time an	nd help.	F.	INTERVIEWER'S SIGNATU	RE:			_
		number in case my office wishes to verify that $\boldsymbol{\mathrm{I}}$., G.	INTERVIEWER'S NUMBER:		22-26/	TIME	м İ
	·	RESPONDENT'S NAME			<u> </u>		INTERVIEWP	
		TELEPHONE NUMBER (A/C) - Number	_				<u> </u>	
		No phone 0						
		Refused 9						

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