



A Resource of the State of Florida

**Hurricane Loss Reduction  
FOR  
Residences and Mobile Homes  
in Florida**

**A Research Project Funded by  
The State of Florida Department of Community Affairs  
Through Contract 01-RC-11-13-00-22-004**

**PRELIMINARY REPORT ON  
RESULTS OF  
QUALITATIVE FACE TO FACE SURVEY AND  
TELEPHONE SURVEY**

**DELIVERABLE #8**  
DUE BY MAY 15, 2001

PREPARED BY  
THE INTERNATIONAL HURRICANE CENTER  
FLORIDA INTERNATIONAL UNIVERSITY

## PURPOSE

This report provides preliminary findings on the results of both the Qualitative Face-to-Face Survey (qualitative survey) and the Telephone Survey (telephone survey) that are being conducted in various areas of the state. These surveys have been designed to collect data on a wide range of issues to contribute, after pertinent analysis, to a foundation of knowledge for the five research tracks included within a research project titled “Hurricane Loss Reduction for Residences and Mobile Homes in Florida”

An important objective of this research project, in addition to studying the five specific research tracks included in it, is to define the *scope of the issue* with regards to mobile homes. This scope of the issue includes quantitative data regarding the total number of mobile homes in Florida and the percentage distribution by type of unit, as well as other purely numerical information. Additionally, the scope of the issue includes qualitative data covering a wide range of issues from the socio-economic and the demographic to the technical and regulatory.

Both the qualitative survey and telephone survey will contribute to defining the scope of the issue. Toward this objective, these surveys represent the collective *voice* of those who are perhaps the most important *stakeholders* in this issue, those who live in mobile homes across Florida. This voice is a collection of the opinions, perceptions, desires, dreams and expectations of those who live in mobile homes permanently or temporarily.

By reflecting the voice of such stakeholders these surveys will assist the IHC research team, and in consequence the research project itself, in recognizing that mobile home residents possess a wide and yet particular understanding of their own housing situation and the issue of hurricane vulnerability and have much to contribute to the open and objective dialog on these issues.

With regard to the issue of hurricane vulnerability and hurricane loss reduction it is essential that potential solutions or policy alternatives address the causes of damage, rather than with the symptoms. The surveys that are the subject of this preliminary report will assist the IHC research team in focusing on causes, and will also serve to highlight the interdependence of the human context with the technological, the economic, the political and the regulatory.

The analysis of data collected by these surveys will assist the IHC research team in putting its findings in their proper context within each of the five research tracks. Such contextualization will contribute to later phases of this project when the IHC research team will be involved in identifying potential solutions for various problems, or in drafting feasible and effective policy alternatives to be submitted to the consideration of state policy-makers or agencies.

The following members of the IHC Research team contributed to preparing this preliminary report: Betty H. Morrow (FIU/IHC), Walter G. Peacock (FIU/IHC), Nicole Dash (IHC) and Ricardo A. Alvarez (IHC). It is important to mention that the survey instruments being used were developed with input from each of the members of the full IHC research team.

This report has been prepared in compliance with the deliverable requirements of DCA Contract Number 01-RC-11-13-00-22-004 executed September 8, 2000 and modified through Amendment #1 executed January 18, 2001. This report specifically complies with Deliverable #8 of said contract, due by May 15, 2001, which reads as follows:

*By May 15, 2001, the Contractor shall submit both in hard-copy and electronic format a preliminary Report on both the results of the telephone survey and the person-to-person survey.*

## **A WORK IN PROGRESS**

As required, this is a preliminary report. Surveys, such as the qualitative survey and the phone survey, involve several sequential steps that are labor-intensive and time-consuming. Both surveys involved the design of pertinent survey instruments through a process that is critical not only to the success of the survey itself, but also to the relevancy of the survey results to the project at large. These survey instruments underwent several iterations and considerable testing before reaching a format that was acceptable for initiating the sampling.

Before the actual sampling could start, sampling plans were designed for each of these surveys. These plans take into account the need to collect a representative sample, and the need to safeguard other critical data collection characteristics, as well as the severe time limitations under which this research project is being developed.

The sampling phases for both surveys are labor-intensive and time-consuming. These have involved four field-research teams visiting numerous mobile home parks throughout the state to interview mobile home residents. In the case of the phone survey sampling involves a large team of interviewers making thousands of telephone calls in order to identify pertinent research subjects who would be willing to be interviewed for this project.

As this preliminary report is being drafted data collected for the qualitative survey is being transcribed for processing and eventual analysis. In the case of the phone survey the sampling phase is underway with thousand of phone calls being made so secure a statistically significant random sample. Once this phase shall have been completed the data will need to be processed and the analyzed.

The IHC research team plans to complete the data analysis phase in time to include initial significant findings in the final report for this project, due for delivery to DCA by June 29, 2001.

## **FACE-TO-FACE SURVEY: PRELIMINARY ANALYSIS OF PARK OWNERS/MANAGERS AND SOUTH FLORIDA SAMPLES**

One unique aspect of this Hurricane Loss project has been the qualitative component. In order to better understand the context in which mobile home residents make housing and other hurricane-related decisions, the researchers have spent considerable time in the field, visiting mobile home parks, observing, talking with park managers and owners, and interviewing residents in their mobile homes. These activities informed the construction of the telephone survey and other aspects of the project and the final qualitative analysis will enhance the overall validity of the larger project.

### **METHODOLOGY**

The results of the face-to-face interviews are not intended to represent the mobile home population of Florida as a whole. Rather they were planned to investigate some of the diversity within mobile home parks around the state. Therefore, a purposive sample of four locations was chosen by the project staff: South Florida, Tampa, Gainesville and Tallahassee. Faculty and graduate affiliates of the *Lab for Social and Behavioral Research* (see [www.fiu.edu/~lsbr](http://www.fiu.edu/~lsbr)) at IHC directed the research at each location. Field directors included: Jay Baker (Florida State University), Anthony Oliver-Smith (University of Florida) and Linda Callejas (University of South Florida, with Betty Morrow directing the South Florida fieldwork. Betty Morrow also served as overall project director of the Face-to-Face Survey effort with Nicole Dash serving as field manager.

On January 26, 2001 the Field Directors met at the IHC with the project's administrators and staff to discuss the goals of the project, to delineate the role of the field directors, to develop sampling and site access protocols, and to develop the interview questions for both the park owners/managers and the residents. These two sets of questions were then shared with the entire project team for additional input before entering the field. (See Appendix A for copies of the question schedules.) The protocols and questions were then submitted to the Institutional Review Boards at Florida International University and the University of Florida where the project was deemed exempt for full Board review. The UF board required signed informed consent from each interviewee; the FIU board ruled it unnecessary for a project of this nature. At each location Field Directors were asked to choose a purposive sample of three mobile home parks of significant size that differed in terms of size, age, location and occupants, leading to a total sample of 12 parks. It was important to include parks representing a variety of clientele in terms of age, income, family structure, ethnic background, and Florida residency.

Field Directors were given a list of mobile home parks in their areas from which they began the sample selection process, examining the parks and talking with managers/owners to determine their willingness to participate. Once three

possible sites were chosen, the Field Director talked with the park managers or owners (depending on who ran the daily operations). If they were willing to participate, the Field Director then interviewed each owner/manager and obtaining maps and other documents about park regulations and management. Using a park site map, Field Directors then drew a random sample of mobile homes sites at each location. Graduate students were employed and trained by the Field Directors to serve as interviewers. Various strategies were used to alert the residents about the research being done in their park and to promote participation, including the distribution of flyers to homes in the sample, the posting of notices on bulletin boards, and presentations at community meetings. The interviewers then proceeded down the list of sample sites, visiting each home and interviewing an adult until a sample of 10 interviews was completed in each park. All interviews were tape-recorded.

The tapes were then mailed to the IHC for transcription by undergraduate and graduate students hired for this purpose. Most of the transcribing has now been completed and the resulting text is currently being coded and analyzed using QSR NVivo software for the analysis of qualitative data. For purposes of this preliminary report, an early analysis of the data obtained from the park managers/owners throughout the state, as well as from the mobile home residents in the South Florida sample, is provided.

### **Mobile Home Parks**

The 12 parks involved in the study cover a wide range in terms of size, age and occupancy. They vary in size from 47 to 908 units with most falling in the range of 140-300 mobile homes. Most have been in existence for 25 to 30 years. Most consist entirely of owner-occupied units, with several parks taking ownership of abandoned or foreclosed units, fixing them up and renting them. While most began with single-wide units, many have rearranged their sites to accommodate newer double-wide units. Several of these parks are currently selling new models on-site, in some cases providing free installation. Only a few will allow units to be brought into the park. The space between units varies from 10 to 14 feet. While most are located in flat, relatively stark settings, a few parks are attractively arranged around suburban lakes or wooded areas. Some are gated communities. Several are in largely commercial settings.

Many of the parks have absentee owners and several are owned by large national corporations. Managers tend to be long-term employees, some living on the premises. Facilities and services vary, with some parks having many amenities such as pools, ball courts, playgrounds, laundry facilities and club houses/community centers. Others offer nothing beyond the rented lot. Most have some type of resident association, often inactive and run by the manager or owner. The older adult parks generally have active, democratically run associations with planned events, meetings and newsletters.

Lot rental fees vary widely by region. They are highest in Miami-Dade and Broward counties where they range from \$350-\$425 a month in this sample. In the Tampa and Gainesville parks rent varies from \$160 to \$275, and our Tallahassee sample reports the lowest rent, usually around \$185. In most cases garbage and waste pickup and cable television are included in the basic rental fee. Electricity and water are not included typically.

Given the ages of these parks it is not surprising that much of their housing stock is also old. Most pre-dates 1994; one manager claimed to have a 35-year old mobile home in the park. Managers estimate that a mobile home should last at least 30 years if it is well maintained. Many parks are in the process of trying to get rid of old units. Since there is little if any equity left in them, these old units are often abandoned. If they can be saved, park owners repair them either to sell or to rent. Often they have to be salvaged and demolished at considerable cost. Occasionally they are donated to non-profit organizations. New units are then installed on the site and sold. Active sales operations are on-going in several of these parks. It was estimated to cost about \$6000 to bring in and set up a new unit, given the new installation standards. New units are being sold on-site for \$25,000 to \$50,000.

. In most cases owners wishing to leave must resell their units themselves. All parks screen new residents whether renting or buying; often getting police reports as well as credit reports. All require deposits, usually one month's rent. Only one of these 12 requires residents to carry liability insurance in addition to whatever insurance the mortgage company may require for the unit.

Given the age of these parks and the depreciation rate of mobile homes, many of the homes have little market value. While improved and well-maintained homes are selling for \$20,000 and up, many others can be bought for as little as \$2,000. Abandonment is a constant problem at most of these parks. Foreclosure is another. Managers report problems collecting rent and evictions are common. Turnover rates vary from a high of 10 a month to several a year. Those with older stock and lower-valued units report more problems with residents, including disagreements, drug use and other criminal activity. During the course of this project one park in the sample was featured in a local newspaper article entitled "Davie trailer park community trapped by trouble" which detailed its efforts to overcome drug-related problems (*Sun Sentinel*, March 9, 2001).

Each park has written rules and regulations covering resident behavior. Most require a one-year lease, limit the number of people per unit, and have heavy (up to \$50) fees for late payments. There are rules about what can and cannot be placed in the space between units. Remodeling or additions requires the applicable building permits from local government, and in many cases approval by park management. However, these building rules appear to be largely ignored. Observations in each park revealed countless porches, roofs, even

entire rooms that would not meet current building codes. One interviewee spoke about the “apartment” they had added.

While a few of these parks have large club houses or community centers, none are deemed safe to be used as shelters. Most owners/managers felt they are no safer than the mobile homes, either due to their construction or because they are largely glass. Only two expressed any interest in exploring the idea of retrofitting them to shelter standards. Most stated strongly that they wanted the park evacuated totally for hurricanes.

Due to the problem of old units, there is considerable interest among park owners/managers in any government program that might help with their efforts to upgrade. Suggested incentives to get owners to trade in their units for newer models included no down payment, free installation, and free disposal of the old units. It was pointed out that new installation costs can be quite high due to the need to replace the plumbing and upgrade the site, as well as the new more expensive installation requirements. All are aware of the newer installation standards and judge newer mobile homes to be safer.

All but one of these parks intend to remain in this business in the near future. Most believe it is a good business, albeit not without problems. None expected any rezoning of the land for other uses. Evicting current renters would be a lengthy and expensive legal process. If they were to sell, it would likely be to a corporation that would continue running the park – a current trend.

The hurricane-related knowledge of these managers is sparse. Many confused questions about tornados with hurricanes. None have a warning system in place and only a few have plans to warn residents of possible hazards. Most rely on residents to follow the weather news on television and proceed accordingly. Most report that the local police will come into the park to warn residents to evacuate.

Occupants of these 12 parks varied. In each region at least one park in the sample was for older residents, having a 55 or over restriction. Most, however, accepted all comers. The most common resident was a working family with children. Most were year-round residents, but several had a few winter-only residents, usually from Canada. One park rented several units to patients needing long-term care from a nearby hospital. Some rented to workers in nearby industries.

### **Mobile Home Residents**

A random sample of 10 residents was interviewed in their homes at each of the 12 parks, resulting in 120 resident interviews. At this time only the south Florida samples have been transcribed, coded and initial analysis completed. Therefore, this preliminary report is limited to an overview of the 40 resident interviews from Miami-Dade and Broward counties.

## **South Florida Mobile Home Residents**

Mobile homes in the south Florida sample are occupied by a variety of household types, the most common being a husband, wife and their dependent children, ranging from one to eight in number. Other family constellations are common, however, including adults and their parents, three generations, and two related families living together. Among elder households most are couples, followed by single women living alone, single men living alone, and elders living with a friend or other relative. The greatest surprise was the number of people living in many of these homes. While the largest units has three bedrooms, most have only two bedrooms and one bath. Yet, it is not unusual to find six or more people living there. One interviewee describes 10 family members in the household. Most report modest incomes earned by at least two working adults or retirees. Many residents are Spanish-speaking and a few are recent immigrants.

Most are buying their homes and a considerable number, especially older residents, have paid off their mortgages. There appear to be more renters, however, in two of the parks than the park managers/owners had described. Clearly, some mobile home owners are renting their units, unbeknown to park management. The vast majority live there year-round; only two are winter residents. About three-fourths of the sample have never before lived in a mobile home.

An important goal of the face-to-face survey was to better understand this housing choice. When asked why they live in a mobile home, the most common answers relate to economics. It is less expensive than a home of equal size, not only in terms of initial cost, but also requires less expenditure for upkeep, taxes and utilities. Compared to an apartment or condominium, the mobile home offers greater privacy, more storage space (outside), ground floor access, and tends to involve fewer rules and offer greater freedom. A few residents mention advantages related to the park setting, such as security, recreational facilities and close community relationships. While there were a few complaints about noisy, undesirable neighbors, particularly in one park, most interviewees have only good things to say about other park residents such as “good people,” good neighbors,” “very friendly,” and “just regular people.”

When asked about the disadvantages of mobile home living, the most common answer refers to hurricanes. Most acknowledge that their homes are not safe in a bad storm, worry about the possible loss of their home and property, and dread the possibility of having to evacuate. Several mention that mobile home living has not proven as economical as expected, particularly considering the lack of equity. In all three parks units often prove difficult to sell. Poor insulation and high utility bills are another complaint.

Housing costs vary considerably. As discussed previously, lot rental fees range from \$350 to \$425. Purchase prices range from \$2,000 to \$50,000. Mortgage interest rates are high, usually about 12%, with one buyer paying 17% interest to a finance company. Those purchasing insurance report premiums ranging from \$31 to \$97 per month. About one-third have no mortgages and also have no insurance. Reasons for not having it include the high cost of premiums, the high deductibles and the reluctance of companies to pay enough to allow the purchase of a new home. One resident reported that his insurance company had dropped his coverage. Another said that she took out insurance at the beginning of each hurricane season and then dropped it each fall. Utility bills are surprisingly high, ranging from \$90 to \$225 a month for electricity and water bills are as high as \$98 a month. In one park the high rate was attributed to their supplier being a small private company (which they believed was tied in with the park management).

Another purpose of the survey was to assess hurricane-related attitudes and behaviors. To that end interviewees were asked about the safety of their homes. The vast majority believe they are unsafe, making remarks such as "A child could poke a hole through these walls," [This house] "wears thin clothing" and "It's sitting on air." Only two felt their home could withstand a hurricane. Unfortunately one of these remarked that his home had stood up through Hurricane Irene (which did not directly impact his area). Most know their unit had special hurricane tie-downs but do not know the details.

When asked if they had done anything that might make their home stronger, about half have shutters of some kind. Several mentioned having fixed roofs or floors and that this strengthened their home against storms. In one case extra tie-downs have been installed by the homeowner.

When asked how they expect to receive storm warnings, most gave television weather reports as their primary source, followed by police coming into the park. Only two expect to receive any warning from the park management. Most know that evacuation is mandatory for hurricanes. Activities in preparation for evacuation include gathering prized possessions to take with them, gathering belongings in from outside, and taping, boarding or putting shutters on windows. None of these residents have planned what they would do if threatened by a tornado; in fact there was a general feeling that not much was possible. One resident had run to a nearby restaurant when a tornado warning was issued last year.

Hurricane evacuation destinations most often are relatives' homes, usually in the vicinity. A few either had gone to or planned to go to nearby hotels. Only one household expects to go to a public shelter.

With the exception of elderly residents who plan to remain in their current home until they die or became unable to live independently, most of the south Florida

sample do not wish to remain in a mobile home very long. Most are trying to save enough money to purchase a house – a reason often given for choosing a mobile home in the first place. Among participants in this South Florida sample there is little or no interest in a government program that might help replace their mobile home with a newer, safer one. Most either want to get into regular housing or are reluctant to incur any more debt.

In summary a preliminary analysis of the text from the face-to-face interviews conducted in the first three parks provides some understanding of the possible contexts in which housing and hurricane-related decisions are made by mobile home dwellers in south Florida. It will be interesting to compare these findings with data collected at the other three locations. Several leads from earlier analysis of these qualitative data are being further explored in the statewide telephone survey currently underway.

# TELEPHONE SURVEY DESIGN, FINAL SURVEY INSTRUMENT, AND PRELIMINARY RESULTS

## SURVEY DESIGN

As discussed in Deliverable #3, the design of the Telephone Survey was shaped by the needs of the five research tracks of the *Hurricane Loss Reduction for Residences and Mobile Homes in Florida* project. Specifically, the sample design and interview instrument were designed to provide those responsible in each research track with information about the residents of mobile homes and their homes. Furthermore, since there is very limited information on actual mobile home residents themselves, the interview instrument was also designed to collect general information on household characteristics, their perceptions of hazard risk, and their backgrounds.

The five research tracks are:

- Sheltering for Mobile Home Parks
- Mobile Home Recycling Program
- Land Development and Zoning
- Incentives and Barriers to Mitigation with Homeowners Insurance
- Loss Reduction Retrofits and Structural Performance

The principal investigator for each track provided the survey research team with questions pertaining to the research in their individual track. The team work together to develop the proper questionnaire language and question order. The goal was to create questions that would be as clear as possible while also avoiding confusion and inconsistencies. Much of the information that was needed was very technical in nature and yet the questions themselves could not be asked in a very technical manner that potential informants would not understand. Hence, the key problem was often translating rather technical concepts into questions the average person can understand, process and answer.

The survey research team consists of Dr. Betty Morrow (principal investigator), Dr. Walter Peacock, Dr. Hugh Gladwin (The Institute for Opinion Research, FIU), and Nicole Dash. Together the team has worked on close to ten mitigation and disaster surveys over the last few years. In addition, the survey instrument includes input from Dr. Ronald Cook (UFL), Dr. Jay Baker (FSU), Dr. Krishnan Dandapani (FIU), Dr. Timothy Reinhold, Prof. Jose Mitrani (FIU), Ricardo Alvarez (IHC) and other researchers and assistants on the research team.

After the initial development of the survey instrument (see Deliverable #3) the instrument was circulated again among the principal investigators of the five tracks and other members of the larger research team for additional comments and suggestions. The instrument was then presented to and pre-tested by

approximately 30 trained telephone interviewers at the Institute for Public Opinion Research (IPOR). Many of these interviewers have been working at the Institute for Public Opinion Research at Florida International University for many years and have been extensively involved in telephone interviewing. Indeed, many of these interviewers have worked on previous mitigation surveys conducted by the Laboratory for Social and Behavioral Research at the IHC. Based upon consultation with team members, the input from interviewers, and pre-testing, a number of modifications to the instrument were made including dropping some questions, modifying the ordering of the questions, and several new questions were also added. The complete revised questionnaire is presented in the last part of this section.

## SAMPLING METHODOLOGY

The goal of the sampling methodology developed was to represent as accurately as possible the larger population of mobile home residents in the entire State of Florida, which only represent 13.46% of all Florida households. In Deliverable #3 the logic of the methodology was presented, the following will briefly review that methodology and discuss its implementation. The sampling methodology consisted of a two-phase sampling plan that will provide a sample of approximately 1,200 households who currently reside in mobile homes throughout the State of Florida. The basics of each of these phases are as follows:

**PHASE I:** An updated listing of mobile home parks was obtained from the Florida Department of Health (DOH). From this listing a random sample of parks was drawn and reverse telephone directories were employed to obtain addresses and telephone numbers for each mobile home located in these parks. The random sample of parks was approximately 3% of all mobile home parks from the DOH list and of these, phone numbers were actually located for approximately 60% of the parks. The resulting list of mobile homes with their phone numbers then became the sampling frame from which a random sample of households was drawn. The sample of households was drawn using probabilities proportionate to the size of the parks in which they were located. This sampling methodology assures that the probabilities of any mobile home located in any mobile home park throughout the state of being selected from the original DOH listing was equal. A total of 800 interviews will be conducted during this phase.

**PHASE II:** Since all mobile homes are not located in registered parks in the state, reliance totally on the first phase of sampling would not provide an adequate sample. It is necessary to be assured that mobile homes located outside of these parks also appeared in our final sample. Because of this a second phase of sampling is also being undertaken using more conventional methodology. Random digit dialing methodology is being used to obtain an additional sample of 400 households. Random phone numbers were generated and screening

questions are used for each telephone call to assure that interviews are conducted only with residents of mobile homes.

The combination of the two phases of sampling will yield an overall sample of 1,200 households that represents the target population of all households residing in mobile homes throughout the state of Florida and yet fits within the budgetary constraints of the project. At the writing of this report the sampling plan is being implemented in an integrated fashion with both phases running simultaneously.

## PRELIMINARY SURVEY RESULTS

While the goal is for a sample of approximately 1,200 households, the interviewing is not yet complete. To date 496 interviews have been completed. It is anticipated that the remaining interviews will be completed within 4 weeks. While all of these data have not yet been collected, it is possible to give a more detailed idea of the types of information that is being collected and preliminary findings. In presenting these preliminary results it is critical to remember that the nature of the results are subject to significant changes as more data are collected. Therefore there will be no attempt to draw conclusions from the data at this point; rather the purpose of this presentation is to give one an idea of the nature of the data being collected.

As mentioned above, information is being collected on a variety of topics that will complement the tasks of the various research tracks. Since information is likely to be employed by more than one track, the data will be presented in categories more parsimoniously reflecting the general nature of the data/information collected. Specifically data is being collected on the household demographic characteristics, tenure status, shelter usage and opinions, insurance and insurance related questions, perceptions of hazard risks, and mobile home characteristics. The following sections will present basic frequencies to a number of the questions included in the instrument.

***I. Background/demographic information:*** Since very little is actually known about this population, a host of questions regarding the demographic and socio-economic characteristics of households are being asked. It is critical that we understand the nature of these households in order to properly assess the types of programs that might be attractive to them in the future as well as their responses to the information being asked. Here are some examples from the data that has been collected thus far.

**What is the Highest grade completed by an adult member of Household**

|         |                      | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------|-----------|---------|---------------|--------------------|
| Valid   | Grade school         | 11        | 2.2     | 2.2           | 2.2                |
|         | Some high school     | 36        | 7.3     | 7.3           | 9.6                |
|         | High school graduate | 181       | 36.5    | 36.8          | 46.3               |
|         | Some college         | 146       | 29.4    | 29.7          | 76.0               |
|         | College graduate     | 83        | 16.7    | 16.9          | 92.9               |
|         | Graduate degree      | 35        | 7.1     | 7.1           | 100.0              |
|         | Total                | 492       | 99.2    | 100.0         |                    |
| Missing | dk/nr                | 4         | .8      |               |                    |
| Total   |                      | 496       | 100.0   |               |                    |

**Number of persons in household**

|         |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------|-----------|---------|---------------|--------------------|
| Valid   | 1     | 171       | 34.5    | 34.6          | 34.6               |
|         | 2     | 277       | 55.8    | 56.1          | 90.7               |
|         | 3     | 21        | 4.2     | 4.3           | 94.9               |
|         | 4     | 14        | 2.8     | 2.8           | 97.8               |
|         | 5     | 6         | 1.2     | 1.2           | 99.0               |
|         | 6     | 4         | .8      | .8            | 99.8               |
|         | 8     | 1         | .2      | .2            | 100.0              |
|         | Total | 494       | 99.6    | 100.0         |                    |
| Missing | 99    | 2         | .4      |               |                    |
| Total   |       | 496       | 100.0   |               |                    |

**Marital status**

|         |                 | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------|-----------|---------|---------------|--------------------|
| Valid   | Single          | 33        | 6.7     | 6.7           | 6.7                |
|         | Married         | 275       | 55.4    | 55.9          | 62.6               |
|         | Living together | 7         | 1.4     | 1.4           | 64.0               |
|         | Widowed         | 121       | 24.4    | 24.6          | 88.6               |
|         | Divorced        | 44        | 8.9     | 8.9           | 97.6               |
|         | Separated       | 5         | 1.0     | 1.0           | 98.6               |
|         | Never married   | 5         | 1.0     | 1.0           | 99.6               |
|         | Other, specify  | 2         | .4      | .4            | 100.0              |
|         | Total           | 492       | 99.2    | 100.0         |                    |
| Missing | dk/nr           | 4         | .8      |               |                    |
| Total   |                 | 496       | 100.0   |               |                    |

**Racial identity**

|       |                 | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-----------------|-----------|---------|---------------|--------------------|
| Valid | White           | 468       | 94.4    | 94.4          | 94.4               |
|       | Black           | 6         | 1.2     | 1.2           | 95.6               |
|       | American indian | 2         | .4      | .4            | 96.0               |
|       | Something else  | 14        | 2.8     | 2.8           | 98.8               |
|       | dk/nr           | 6         | 1.2     | 1.2           | 100.0              |
| Total |                 | 496       | 100.0   | 100.0         |                    |

**Ethnic identity**

|       |          | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|----------|-----------|---------|---------------|--------------------|
| Valid | White    | 446       | 89.9    | 89.9          | 89.9               |
|       | Black    | 5         | 1.0     | 1.0           | 90.9               |
|       | Hispanic | 29        | 5.8     | 5.8           | 96.8               |
|       | Other    | 16        | 3.2     | 3.2           | 100.0              |
|       | Total    | 496       | 100.0   | 100.0         |                    |

**Annual household income**

|         |                      | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------|-----------|---------|---------------|--------------------|
| Valid   | UNDER \$5,000        | 16        | 3.2     | 5.0           | 5.0                |
|         | \$5,000 _ \$10,000   | 24        | 4.8     | 7.5           | 12.5               |
|         | \$10,000 _ \$20,000  | 86        | 17.3    | 26.9          | 39.4               |
|         | \$20,000 _ \$30,000  | 88        | 17.7    | 27.5          | 66.9               |
|         | \$30,000 _ \$50,000  | 73        | 14.7    | 22.8          | 89.7               |
|         | \$50,000 _ \$ 75,000 | 24        | 4.8     | 7.5           | 97.2               |
|         | \$75,000 _ \$100,000 | 6         | 1.2     | 1.9           | 99.1               |
|         | OVER \$100,000       | 3         | .6      | .9            | 100.0              |
| Total   | 320                  | 64.5      | 100.0   |               |                    |
| Missing | dk/nr                | 176       | 35.5    |               |                    |
| Total   |                      | 496       | 100.0   |               |                    |

**II. Tenure status and related issues:** Questions related to a households tenure status such as homeownership, land tenure, years in current residential location and the like are also being asked. Below are a few examples of these types of questions.

**Do you own or rent your home?**

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | Own   | 473       | 95.4    | 95.4          | 95.4               |
|       | Rent  | 23        | 4.6     | 4.6           | 100.0              |
|       | Total | 496       | 100.0   | 100.0         |                    |

**Was your home bought new or used?**

|         |        | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------|-----------|---------|---------------|--------------------|
| Valid   | New    | 202       | 40.7    | 42.9          | 42.9               |
|         | Used   | 269       | 54.2    | 57.1          | 100.0              |
|         | Total  | 471       | 95.0    | 100.0         |                    |
| Missing | dk/nr  | 2         | .4      |               |                    |
|         | System | 23        | 4.6     |               |                    |
| Total   | Total  | 25        | 5.0     |               |                    |
| Total   |        | 496       | 100.0   |               |                    |

**Do you have a mortgage?**

|         |        | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------|-----------|---------|---------------|--------------------|
| Valid   | Yes    | 99        | 20.0    | 21.4          | 21.4               |
|         | No     | 364       | 73.4    | 78.6          | 100.0              |
|         | Total  | 463       | 93.3    | 100.0         |                    |
| Missing | dk/nr  | 10        | 2.0     |               |                    |
|         | System | 23        | 4.6     |               |                    |
|         | Total  | 33        | 6.7     |               |                    |
| Total   |        | 496       | 100.0   |               |                    |

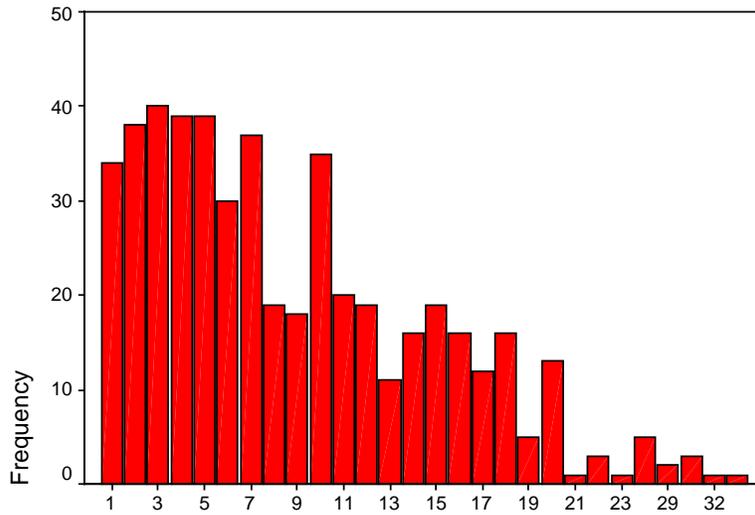
**Do you own or rent the land where your home is located?**

|         |        | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------|-----------|---------|---------------|--------------------|
| Valid   | Rent   | 412       | 83.1    | 86.6          | 86.6               |
|         | Own    | 64        | 12.9    | 13.4          | 100.0              |
|         | Total  | 476       | 96.0    | 100.0         |                    |
| Missing | dk/nr  | 2         | .4      |               |                    |
|         | System | 18        | 3.6     |               |                    |
|         | Total  | 20        | 4.0     |               |                    |
| Total   |        | 496       | 100.0   |               |                    |

**Is your home located in a mobile home park?**

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | Yes   | 458       | 92.3    | 92.3          | 92.3               |
|       | No    | 38        | 7.7     | 7.7           | 100.0              |
|       | Total | 496       | 100.0   | 100.0         |                    |

How many years have you lived in your home :



How many years have you lived in your home at this location?

**III. Home characteristics:** Some of the most important questions are related to the actual home itself. A series of questions were asked to determine the basic home type, whether or not rooms, porches or garages were added onto the home and, if so, if they were physically attached to the home. Other questions ask about the home’s foundations, tie-downs, and other more structural features of the home. Below are basic frequencies on a number of the questions regarding structure of the home itself.

**Type of Mobile Home**

|       |                                 | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------------------------|-----------|---------|---------------|--------------------|
| Valid | Single wide                     | 137       | 27.6    | 27.6          | 27.6               |
|       | Double wide                     | 351       | 70.8    | 70.8          | 98.4               |
|       | Triple wide or multiple section | 8         | 1.6     | 1.6           | 100.0              |
|       | Total                           | 496       | 100.0   | 100.0         |                    |

**Does home have additions such as porch, room, or garage**

|       |                  | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------------|-----------|---------|---------------|--------------------|
| Valid | Yes, porch       | 127       | 25.6    | 25.6          | 25.6               |
|       | Yes, room        | 39        | 7.9     | 7.9           | 33.5               |
|       | Yes, garage      | 35        | 7.1     | 7.1           | 40.5               |
|       | Yes, combination | 235       | 47.4    | 47.4          | 87.9               |
|       | No               | 60        | 12.1    | 12.1          | 100.0              |
| Total |                  | 496       | 100.0   | 100.0         |                    |

**Does your mobile home have tied down?**

|       |            | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------|-----------|---------|---------------|--------------------|
| Valid | Yes        | 462       | 93.1    | 93.1          | 93.1               |
|       | No         | 18        | 3.6     | 3.6           | 96.8               |
|       | Don't know | 16        | 3.2     | 3.2           | 100.0              |
|       | Total      | 496       | 100.0   | 100.0         |                    |

**Can you access to tie-downs or are they blocked?**

|         |               | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------|-----------|---------|---------------|--------------------|
| Valid   | Can access    | 279       | 56.3    | 73.4          | 73.4               |
|         | Cannot access | 89        | 17.9    | 23.4          | 96.8               |
|         | Don't know    | 12        | 2.4     | 3.2           | 100.0              |
|         | Total         | 380       | 76.6    | 100.0         |                    |
| Missing | System        | 116       | 23.4    |               |                    |
| Total   |               | 496       | 100.0   |               |                    |

**Has the condition of tie-downs been checked?**

|         |            | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid   | Yes        | 306       | 61.7    | 66.2          | 66.2               |
|         | No         | 140       | 28.2    | 30.3          | 96.5               |
|         | Don't know | 16        | 3.2     | 3.5           | 100.0              |
|         | Total      | 462       | 93.1    | 100.0         |                    |
| Missing | System     | 34        | 6.9     |               |                    |
| Total   |            | 496       | 100.0   |               |                    |

**IV. Sheltering usage and opinions:** A variety of questions regarding shelters were included on the questionnaire. These ranged from actually shelter usage during tornadoes and hurricanes, to the importance of a park having a shelter for their decision to locate in that park, and even questions regarding hypothetical shelter usage. The following gives a number of examples of the shelter related questions included on the survey and the response pattern thus far.

**Does your Park have a community bldg. that could be used for shelter?**

|         |        | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------|-----------|---------|---------------|--------------------|
| Valid   | Yes    | 239       | 48.2    | 54.4          | 54.4               |
|         | No     | 200       | 40.3    | 45.6          | 100.0              |
|         | Total  | 439       | 88.5    | 100.0         |                    |
| Missing | dk/nr  | 19        | 3.8     |               |                    |
|         | System | 38        | 7.7     |               |                    |
|         | Total  | 57        | 11.5    |               |                    |
| Total   |        | 496       | 100.0   |               |                    |

**If park has or had a storm shelter how likely would you use it for tornadoes?**

|         |                   | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------|-----------|---------|---------------|--------------------|
| Valid   | Very likely       | 198       | 39.9    | 45.8          | 45.8               |
|         | Somewhat likely   | 96        | 19.4    | 22.2          | 68.1               |
|         | Not Very likely   | 48        | 9.7     | 11.1          | 79.2               |
|         | Not likely at all | 90        | 18.1    | 20.8          | 100.0              |
|         | Total             | 432       | 87.1    | 100.0         |                    |
| Missing | dk/nr             | 26        | 5.2     |               |                    |
|         | System            | 38        | 7.7     |               |                    |
|         | Total             | 64        | 12.9    |               |                    |
| Total   |                   | 496       | 100.0   |               |                    |

**If park has or had a storm shelter how likely would you use it for a hurricane?**

|         |                   | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------|-----------|---------|---------------|--------------------|
| Valid   | Very likely       | 174       | 35.1    | 40.7          | 40.7               |
|         | Somewhat likely   | 92        | 18.5    | 21.5          | 62.1               |
|         | Not Very likely   | 45        | 9.1     | 10.5          | 72.7               |
|         | Not likely at all | 117       | 23.6    | 27.3          | 100.0              |
|         | Total             | 428       | 86.3    | 100.0         |                    |
| Missing | dk/nr             | 30        | 6.0     |               |                    |
|         | System            | 38        | 7.7     |               |                    |
|         | Total             | 68        | 13.7    |               |                    |
| Total   |                   | 496       | 100.0   |               |                    |

**If you were selecting a mobile home park, would a shelter be important in selection**

|         |                      | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------|-----------|---------|---------------|--------------------|
| Valid   | Very important       | 169       | 34.1    | 36.1          | 36.1               |
|         | Somewhat important   | 156       | 31.5    | 33.3          | 69.4               |
|         | Not Very important   | 60        | 12.1    | 12.8          | 82.3               |
|         | Not important at all | 54        | 10.9    | 11.5          | 93.8               |
|         | Does not matter      | 29        | 5.8     | 6.2           | 100.0              |
|         | Total                | 468       | 94.4    | 100.0         |                    |
| Missing | dk/nr                | 28        | 5.6     |               |                    |
| Total   |                      | 496       | 100.0   |               |                    |

**Where did you evacuate to because of tornado?**

|         |                  | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------|-----------|---------|---------------|--------------------|
| Valid   | Home of relative | 4         | .8      | 26.7          | 26.7               |
|         | Home of friend   | 4         | .8      | 26.7          | 53.3               |
|         | Shelter          | 2         | .4      | 13.3          | 66.7               |
|         | Other, specify   | 5         | 1.0     | 33.3          | 100.0              |
|         | Total            | 15        | 3.0     | 100.0         |                    |
| Missing | dk/nr            | 1         | .2      |               |                    |
|         | System           | 480       | 96.8    |               |                    |
|         | Total            | 481       | 97.0    |               |                    |
| Total   |                  | 496       | 100.0   |               |                    |

**Where did you evacuate to because of hurricane?**

|         |                  | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------|-----------|---------|---------------|--------------------|
| Valid   | Home of relative | 30        | 6.0     | 31.3          | 31.3               |
|         | Home of friend   | 22        | 4.4     | 22.9          | 54.2               |
|         | Shelter          | 11        | 2.2     | 11.5          | 65.6               |
|         | Hotel/Motel      | 24        | 4.8     | 25.0          | 90.6               |
|         | Other, specify   | 9         | 1.8     | 9.4           | 100.0              |
|         | Total            | 96        | 19.4    | 100.0         |                    |
| Missing | System           | 400       | 80.6    |               |                    |
| Total   |                  | 496       | 100.0   |               |                    |

**Should government mandated shelters for mobile home parks?**

|         |                   | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------|-----------|---------|---------------|--------------------|
| Valid   | Strongly agree    | 181       | 36.5    | 38.2          | 38.2               |
|         | agree             | 213       | 42.9    | 44.9          | 83.1               |
|         | disagree          | 73        | 14.7    | 15.4          | 98.5               |
|         | Strongly disagree | 7         | 1.4     | 1.5           | 100.0              |
|         | Total             | 474       | 95.6    | 100.0         |                    |
| Missing | dk/nr             | 22        | 4.4     |               |                    |
| Total   |                   | 496       | 100.0   |               |                    |

**Should government subsidized shelters for mobile home parks?**

|         |                   | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------|-----------|---------|---------------|--------------------|
| Valid   | Strongly agree    | 108       | 21.8    | 23.4          | 23.4               |
|         | agree             | 174       | 35.1    | 37.7          | 61.2               |
|         | disagree          | 143       | 28.8    | 31.0          | 92.2               |
|         | Strongly disagree | 36        | 7.3     | 7.8           | 100.0              |
|         | Total             | 461       | 92.9    | 100.0         |                    |
| Missing | dk/nr             | 35        | 7.1     |               |                    |
| Total   |                   | 496       | 100.0   |               |                    |

**V. Insurance and insurance related questions:** Insurance and insurance incentives for mitigation are critical issues for mitigation particularly among homeowners of single-family homes. Unfortunately, little is actually known regarding homeowners insurance among mobile home residents. Hence, a variety of questions regarding insurance and insurance related issue were included.

**Do you have homeowners' insurance?**

|         |          | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------|-----------|---------|---------------|--------------------|
| Valid   | Yes      | 418       | 84.3    | 89.9          | 89.9               |
|         | No       | 44        | 8.9     | 9.5           | 99.4               |
|         | Not sure | 3         | .6      | .6            | 100.0              |
|         | Total    | 465       | 93.8    | 100.0         |                    |
| Missing | dk/nr    | 8         | 1.6     |               |                    |
|         | System   | 23        | 4.6     |               |                    |
|         | Total    | 31        | 6.3     |               |                    |
| Total   |          | 496       | 100.0   |               |                    |

**Do you have windstorm coverage?**

|         |          | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------|-----------|---------|---------------|--------------------|
| Valid   | Yes      | 313       | 63.1    | 81.3          | 81.3               |
|         | No       | 20        | 4.0     | 5.2           | 86.5               |
|         | Not sure | 52        | 10.5    | 13.5          | 100.0              |
|         | Total    | 385       | 77.6    | 100.0         |                    |
| Missing | dk/nr    | 33        | 6.7     |               |                    |
|         | System   | 78        | 15.7    |               |                    |
|         | Total    | 111       | 22.4    |               |                    |
| Total   |          | 496       | 100.0   |               |                    |

**Is Windstorm coverage part of your homeowners insurance or a separate policy?**

|         |                        | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------------|-----------|---------|---------------|--------------------|
| Valid   | Part of regular policy | 288       | 58.1    | 92.0          | 92.0               |
|         | A separate policy      | 15        | 3.0     | 4.8           | 96.8               |
|         | Don't know             | 10        | 2.0     | 3.2           | 100.0              |
|         | Total                  | 313       | 63.1    | 100.0         |                    |
| Missing | System                 | 183       | 36.9    |               |                    |
| Total   |                        | 496       | 100.0   |               |                    |

**Are you receiving any insurance discounts for extra wind-related protection?**

|         |                                  | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------------|-----------|---------|---------------|--------------------|
| Valid   | Yes, because of wind rating      | 16        | 3.2     | 3.8           | 3.8                |
|         | Yes, because of extra protection | 21        | 4.2     | 5.0           | 8.9                |
|         | No                               | 251       | 50.6    | 60.0          | 68.9               |
|         | Don't know                       | 130       | 26.2    | 31.1          | 100.0              |
|         | Total                            | 418       | 84.3    | 100.0         |                    |
| Missing | System                           | 78        | 15.7    |               |                    |
| Total   |                                  | 496       | 100.0   |               |                    |

**VI. Hazard risk perception:** An important determinant of whether or not households undertake hazard planning and mitigation initiatives is the degree to which they perceive a hazard threat as salient for their home and family. In order to assess household perceptions of risk a number of questions were included on in the survey from actual hurricane experience and perceived threat. The follow tables display basic frequencies for a subset of the questions included on the survey.

**How likely is a major hurricane this next year?**

|         |                 | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------|-----------|---------|---------------|--------------------|
| Valid   | Very likely     | 45        | 9.1     | 10.4          | 10.4               |
|         | Somewhat likely | 153       | 30.8    | 35.5          | 45.9               |
|         | Not Very likely | 233       | 47.0    | 54.1          | 100.0              |
|         | Total           | 431       | 86.9    | 100.0         |                    |
| Missing | dk/nr           | 65        | 13.1    |               |                    |
| Total   |                 | 496       | 100.0   |               |                    |

**How likely is a tornado during the next year?**

|         |                 | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------|-----------|---------|---------------|--------------------|
| Valid   | Very likely     | 23        | 4.6     | 5.2           | 5.2                |
|         | Somewhat likely | 160       | 32.3    | 36.0          | 41.2               |
|         | Not Very likely | 261       | 52.6    | 58.8          | 100.0              |
|         | Total           | 444       | 89.5    | 100.0         |                    |
| Missing | dk/nr           | 52        | 10.5    |               |                    |
| Total   |                 | 496       | 100.0   |               |                    |

**Does your household have a Hurricane evacuation plan?**

|         |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------|-----------|---------|---------------|--------------------|
| Valid   | Yes   | 398       | 80.2    | 81.4          | 81.4               |
|         | No    | 91        | 18.3    | 18.6          | 100.0              |
|         | Total | 489       | 98.6    | 100.0         |                    |
| Missing | dk/nr | 7         | 1.4     |               |                    |
| Total   |       | 496       | 100.0   |               |                    |

**How safe is a mobile home vs. a single family home in a hurricane?**

|         |                | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------|-----------|---------|---------------|--------------------|
| Valid   | Much safer     | 7         | 1.4     | 1.5           | 1.5                |
|         | safer          | 18        | 3.6     | 3.9           | 5.4                |
|         | No different   | 108       | 21.8    | 23.1          | 28.5               |
|         | less safe      | 207       | 41.7    | 44.3          | 72.8               |
|         | Much less safe | 127       | 25.6    | 27.2          | 100.0              |
|         | Total          | 467       | 94.2    | 100.0         |                    |
| Missing | dk/nr          | 29        | 5.8     |               |                    |
| Total   |                | 496       | 100.0   |               |                    |

The frequency distributions presented above give an idea of the types of different information that is being collected as part of the statewide survey. However, ***it is important to remember that these results are preliminary and the final frequency distributions may be quite different.*** Hence, no attempt was made to draw any conclusions from these data. The final report will offer a more complete discussion of these data and draw out their implications for future policy.

The section presents the final version of the interview instrument that is currently being employed in the telephone survey.

**FINAL VERSION<sup>1</sup>**  
**MOBILE HOME RESIDENTS SURVEY**  
**International Hurricane Center and Institute for Public Opinion Research**

1. INTRO: Hello, I am \_\_\_\_\_, calling from Florida International University. We're conducting to find out about dangers people face from severe weather effects on their home and how to protect from them. The survey will help Florida be better prepared for weather emergencies. I need to talk to one of the persons responsible for your household, 18 or older? Would that be you?
  
2. HOME: First, I want to ask if your home is a mobile home? [If respondent says their home is a manufactured home, ask them if it has or had axels and wheels attached. If so it is a mobile home. Continue interview replacing "mobile home" with Manufactured home"]
  - 1 YES - Live in a Mobile Home - SKIPTO Q4
  - 2 NO -- Do not live in a Mobile Home [IF NO, NOT MOBILE HOME, OR DON'T KNOW]: Thank you for your time. For this study we are interviewing only people who live in a mobile home.
  
3. This interview may be monitored for quality control purposes. Your answers will be kept strictly confidential. Is your mobile home a single-wide, double-wide, RV/travel trailer or something else?
  - 1 SINGLE WIDE
  - 2 DOUBLE WIDE
  - 3 RV/TRAVEL TRAILER [TERMINATE INTERVIEW]
  - 4 SOMETHING ELSE (TRIPLE WIDE OR MULTIPLE SECTIONS)
  - 5 DON'T KNOW/NO RESPONSE [TERMINATE INTERVIEW]
  
4. Is this your only residence or do you have other homes?
  - 1 Only Home -- SKIP NEXT QUESTION
  - 2 Have another home -
  - 3 DON'T KNOW/NR
  
5. How many months of the year do you live in this mobile home?
  - 1-12 MONTHS
  
- 5A [IF LESS THAN 6 MONTHS] Are you usually here anytime during the months from June to the end of November?
  - 1 YES
  - 2 NO
  - 3 DON'T KNOW

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<sup>1</sup> This is the final pre-tested version of the survey instrument used in the statewide mobile home study. Some of the numbers are out of sequence because several questions from the original version were deleted, while new questions have been added.

6. How many years have you lived in your mobile home at this location?

1 {YEARS}

2 NO RESPONSE

7. I want to ask you about possible danger to you and your mobile home from tornadoes, hurricanes, flooding, and wildfires. Are any of these dangers a concern to you where you are living now?

1 YES

2 NO

3 DON'T KNOW/NR

8. [IF YES] Which of these dangers concern you? [REPEAT LIST IF NECESSARY: tornadoes, hurricanes, flooding, and wildfires? CHECK ALL THAT APPLY]

1 {RISK1} tornadoes

2 {RISK2} hurricanes

3 {RISK3} flooding

4 {RISK4} wildfires

5 {RISK5} other

6 DON'T KNOW/NR

9. {Questions 9-13 are to be asked about each risk mentioned} During the past {YEARS} years you have lived here in your mobile home, how many times were you threatened by {RISK}?

10. [IF MORE THAN ONE: The last time there was a danger from {RISK}] what happened?

11. [IF MORE THAN ONE: Have you ever evacuated your mobile home from {RISK}] ?

1 YES

2 NO

3 DON'T KNOW/NR

12. [IF EVACUATED]: Where did you go?

1. Home of Relative

2. Home of Friend

3. Shelter

4. Hotel/motel

5. Other \_\_\_\_\_ specify

12A. Approximately how far is this location from your home? [Interviewer be sure to enter both distance and unit of measurement, e.g. 100 ft. or 30 miles.]

13. In the future, how concerned are you that {RISK} might threaten you and your home? Are you very concerned, somewhat concerned, not very concerned, or not concerned at all?

- 1 VERY CONCERNED
- 2 SOMEWHAT CONCERNED
- 3 NOT VERY CONCERNED
- 4 NOT CONCERNED AT ALL
- 5 DON'T KNOW/NR

14. Now I'd like to ask you some questions about hurricane risk. When compared to other parts of Florida, how high do you think the risk is that your immediate community might be hit and suffer damage from a hurricane? Would you say that your location has a much higher, slightly higher, slightly lower or much lower risk than most other places in Florida?

- 1 MUCH HIGHER
- 2 SLIGHTLY HIGHER
- 3 SLIGHTLY LOWER
- 4 MUCH LOWER
- 5 SAME RISK AS OTHER PLACES
- 6 DON'T KNOW

15. As you may know, hurricanes vary in strength, ranging from a minimum, category 1 hurricane, to a major category 3 hurricane, all the way up to extreme, category 5 hurricanes. How likely do you think it is that a major, category 3 or higher, hurricane, will directly affect your home sometime THIS HURRICANE SEASON? Do you think that the chances are very likely, somewhat likely, or not very likely?

- 1 VERY LIKELY
- 2 SOMEWHAT LIKELY
- 3 NOT VERY LIKELY
- 4 DON'T KNOW

16. As you may know, hurricanes vary in strength, ranging from a minimum, category 1 hurricane, to a major category 3 hurricane, all the way up to extreme, category 5 hurricanes. How likely do you think it is that a major, category 3 or higher, hurricane, will directly affect your home sometime in the NEXT TEN YEARS? Do you think that the chances are very likely, somewhat likely, or not very likely?

- 1 VERY LIKELY
- 2 SOMEWHAT LIKELY
- 3 NOT VERY LIKELY
- 4 DON'T KNOW

17. In general do you think hurricane risk for your area is overstated, understated, or accurately portrayed?

- 1 OVERSTATED
- 2 UNDERSTATED
- 3 ACCURATELY PORTRAYED
- 4 DON'T KNOW
- 5 NA/REF

18. Have you or any adults in your household ever have a mobile home physically damaged by a hurricane?

- 1 YES
- 2 NO \_ SKIPTO 21
- 3 DON'T KNOW/NR \_ SKIPTO 21

19. How badly was it damaged? Would you say the damage was slight, moderate, major or was it a total loss?

- 1 SLIGHT
- 2 MODERATE
- 3 MAJOR
- 4 TOTAL LOSS
- 5 DON'T KNOW/NR

20. Not counting any deductible you had to cover, what percent of the damage to your home was covered by your homeowners insurance?

- 1 PERCENTAGE (ENTER ACTUAL PERCENTAGE IN THE WINDOW)
- 2 NONE WAS COVERED
- 3 DID NOT HAVE INSURANCE
- 4 DO NOT REMEMBER/DK
- 5 NO ANSWER/NR

22. During a hurricane how safe to you think your mobile home is compared to a single-family house. Is it much safer, safer, no different, less safe, much less safe?

- 1 MUCH SAFER
- 2 SAFER
- 3 NO DIFFERENT
- 4 LESS SAFE
- 5 MUCH LESS SAFE
- 6 DIDN'T KNOW
- 7 REFUSED/NO ANSWER

23. In terms of the types of damage a hurricane can cause to your mobile home, what are you most concerned about should a hurricane strike your area? [IF RESPONDENT NAMES ONLY ONE THING, ASK: Is there anything else?]

- 1 BROKEN WINDOWS OR DOOR
- 2 FALLING TREES OR OBJECTS CAUSING DAMAGE
- 3 DEBRIS DAMAGING OR PENETRATING THE EXTERIOR WALLS
- 4 LOSING PART OF THE ROOF
- 5 LOSING MOST OR ALL OF THE ROOF
- 6 INTERIOR WATER DAMAGE
- 7 WIND SPLITTING OR PULLING APART THE MOBILE HOME
- 8 WIND BLOWING MOBILE HOME OFF FOUNDATION
- 9 WIND FLIPPING MOBILE HOME OVER OR BLOWING IT AWAY
- 10 OTHER, SPECIFY
- 11 NONE
- 12 DON'T KNOW/NO RESPONSE

24. Are mobile home residents required to evacuate when a hurricane warning or evacuation is issued for your area?

- 1 YES
- 2 NO
- 3 NOT SURE/DON'T KNOW
- 4 NR

25. If your home were heavily damaged by a hurricane would you prefer to: get another mobile home or move into another type of housing (e.g. single family home or condominium)?

- 1 GET ANOTHER MOBILE HOME
- 2 CHOOSE ANOTHER TYPE OF HOUSING
- 3 NOT SURE/ DO NOT KNOW
- 4 NR

25A. Now I'd like to ask you a couple of questions about tornado risk. How likely do you think it is that a tornado will directly affect you home sometime this next year? Do you think the chances are very likely, somewhat likely or not very likely?

- 1 VERY LIKELY
- 2 SOMEWHAT LIKELY
- 3 NOT VERY LIKELY
- 4 DON'T KNOW/NO RESPONSE

26B. When compared to other parts of Florida, how high do you think the risk is that your immediate community might be hit and suffer damages from a tornado? Would you say that your location has a much higher, slightly higher, slightly lower, or much lower risk than most other places in Florida?

- 1 MUCH HIGHER
- 2 SLIGHTLY HIGHER
- 3 SLIGHTLY LOWER
- 4 MUCH LOWER
- 5 SAME RISK AS OTHER PLACES
- 6 DON'T KNOW/NO RESPONSE

26. Do you have a NOAA Weather Alert radio in your home that comes on AUTOMATICALLY when the weather service sends out an alert of dangerous weather? [NOAA: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION]

- 1 YES
- 2 NO
- 3 DK/NA
- 4 REF

27. Now I would like to ask you some specific questions about your home and hurricane protection. First, do you own or rent your home?

1. OWN
2. RENT [SKIP TO 30]

28. [IF OWNER] Do you know the actual year or can you tell me roughly when your mobile home was built?

- 1 ACTUAL YEAR (ENTER FOUR DIGIT ACTUAL YEAR EXAMPLE: 1995)
- 2 1940s OR EARLIER
- 3 1950s
- 4 1960s
- 5 early 1970s (pre 1976)
- 6 late 1970s (post 1976)
- 7 1980s
- 8 early 1990s (pre 1994)
- 9 post 1990s (post 1994)
- 10 DK/NA

29. [IF POST-1990 AND OWNER]: Newer mobile homes are designed for a specific wind zone. Do you have any idea of the wind zone for which your home was built or what level of winds were used in the design of your mobile home?

- 1 YES, ZONE 1
- 2 YES, ZONE 2
- 3 YES, ZONE 3
- 4 YES, SUSTAINED WINDS BETWEEN 74-95 MPH OR GUST 85-115 MPH
- 5 YES, SUSTAINED WINDS BETWEEN 96-110 MPH OR GUST 115-130 MPH
- 6 YES, SUSTAINED WINDS BETWEEN 111-130 MPH OR GUST 130-155 MPH
- 7 YES, SUSTAINED WINDS BETWEEN 131-155 MPH OR GUST 155-185 MPH
- 8 NO IDEA/DO NOT KNOW
- 9 NO ANSWER

31. Is your home placed on a concrete pad, concrete blocks, or some other foundation?

- 1 CONCRETE PAD
- 2 CONCRETE BLOCKS
- 3 SOME OTHER FOUNDATION, SPECIFY \_\_\_\_\_
- 4 DON'T KNOW/NO RESPONSE

32. Does your mobile home have any additions ADDED ONTO THE OUTSIDE OF IT, such as a porch, garage, or extra room?

- 1 YES, PORCH
- 2 YES, ROOM
- 3 YES, GARAGE
- 4 YES, MORE THAN ONE ADDITION
- 5 NO
- 6 DON'T KNOW/NO RESPONSE

32A. Is this addition physically attached [BOLTED, NAILED, OR CONNECTED] to the mobile home itself?

- 1 YES
- 2 NO
- 3 DON'T KNOW/NO RESPONSE

33. [IF OWNERS] At the time when you were making the decision to purchase your mobile home, was hurricane safety important to you? Was it very important, somewhat important, or not important at all at that time?

- 1 VERY IMPORTANT
- 2 SOMEWHAT IMPORTANT
- 3 NOT IMPORTANT AT ALL
- 4 DK/NA/DEPENDS

34. Do you believe there is anything that can be done to strengthen your mobile home or an area inside your mobile home to make it safer during a hurricane?

- 1 YES
- 2 NO\_SKIP TO 36
- 3 DON'T KNOW\_SKIP TO 36

35. What types of things do you think could be done to make your mobile home or a room in your mobile home safer during a hurricane?

\_\_\_\_\_

36. Does your household have a hurricane plan for where you should evacuate to in the event of a hurricane?

- 1 YES
- 2 NO
- 3 DO NOT KNOW
- 4 NO ANSWER

37. Where will you evacuate too, the home of a friend or relative, a shelter, a hotel or motel, or some other place?

- 1 HOME OF FRIEND
- 2 HOME OF RELATIVE
- 3 SHELTER
- 4 MOTEL/HOTEL
- 5 OTHER [SPECIFY \_\_\_\_\_]

Q37A. Approximately how far is this location from your home? [INTERVIEWER ENTER DISTANCE AND UNIT OF MEASUREMENT]

38. As you may know, a tornado watch is issued by the National Weather Service whenever there is a chance that a tornado may form in your area. A tornado warning is issued whenever a tornado is actually sighted in your area. Does your household do anything special when there is a tornado WATCH in your area?

- 1 YES\_SPECIFY \_\_\_\_\_
- 2 NO
- 3 DO NOT KNOW
- 4 NO ANSWER

q38A. Does your household do anything special when there is a tornado WARNING in your area?

- 1 YES\_SPECIFY \_\_\_\_\_
- 2 NO
- 3 DO NOT KNOW
- 4 NO ANSWER

39. [IF OWNER] Did you buy your mobile home new or used?

- 1 NEW
- 2 USED
- 3 DON'T KNOW/NO RESPONSE

39A. How much did you pay for your current home? [INTERVIEWER, PLEASE ENTER ACTUAL DOLLAR AMOUNT, DON'T KNOW/NR/REF = 0]

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40. Is your home tied down using metal straps or some other anchoring system?

- 1 YES
- 2 NO\_SKIP TO Q45
- 3 DON'T KNOW\_SKIP TO Q45

41. Do you know where your tie-downs are located?

- 1 YES
- 2 NO \_ SKIPTO Q43

42. Can you access your tie-downs or are they blocked by skirting or some other changes to your mobile home?

- 1 CAN ACCESS
- 2 CAN NOT ACCESS
- 3 DON'T KNOW/NR

43. Has anyone checked the condition of the straps or anchoring system?

- 1 YES
- 2 NO\_SK TO 45
- 3 DON'T KNOW\_SK TO 45

44. Approximately how long ago were they checked? [INTERVIEWER SPECIFY APPROXIMATE LENGTH OF TIME IN MONTHS OR YEARS]

\_\_\_\_\_ MONTHS AGO  
\_\_\_\_\_ YEARS AGO

45. Has anything else been done to your mobile home to make it safer during a hurricane such as installing window protection, improving the structure, or adding connections or additional tie-down straps as a precaution against hurricane damage?

- 1 YES
- 2 NO \_ SKIPTO 47
- 3 DON'T KNOW/ NR\_SKIP TO 47

46. What was done?

47. Mobile homes can be built to withstand stronger winds. If you were shopping for a new mobile home, would you be interested in buying a home that could stand up to stronger winds?

- 1 YES
- 2 NO \_ SKIPTO Q49
- 3 DON'T KNOW/ NR\_SKIP TO Q49

48. Would you be willing to pay more for a mobile home that was designed to withstand stronger winds?

- 1 YES
- 2 NO\_SKIP TO 50
- 3 DEPENDS
- 4 DK/NR\_SK TO 50

49. How much more would you be willing to pay for this additional protection?  
[READ RESPONSES]

- 1 Less than \$500
- 2 \$501 to \$1,000
- 3 \$1,001 to \$2,000
- 4 \$2,001 to \$3,000
- 5 more than \$3,000
- 6 DON'T KNOW

50. There are many factors that might affect your decision to buy a mobile home, including price, size, style, room layout, etc. Compared to other factors, how important is the wind resistance [ABILITY TO STAND UP TO HIGH WINDS] of your mobile home? Is it not important, somewhat important, important, or very important?

- 1 NOT IMPRTANT
- 2 SOMEWHAT IMPORTANT
- 3 IMPORTANT
- 4 VERY IMPORTANT
- 5 DON'T KNOW/NR

51. [IF OWNER] If you sold your home today, what do you think you would get for it?

\_\_\_\_\_

52. [IF OWNER] Do you have a mortgage?

- 1 YES
- 2 NO
- 3 DON'T KNOW
- 4 REFUSED

53. [IF OWNER] Did you ever have a mortgage?

- 1 YES

- 2 NO
- 3 NO ANSWER/ REF

54. How many more years do you expect to live in this home? [INTERVIEWER, PLEASE ENTER ACTUAL NUMBER OF YEARS INCLUDING "0" FOR LESS THAN ONE YEAR, REST OF MY LIFE, UNTIL I DIE = 98, DON'T KNOW/NR/REF = 99]

- 45A. Is your next home likely to be a mobile home, or some other type of home?
- 1 YES
  - 2 NO, OTHER TYPE OF HOME
  - 3 DON'T KNOW/NO RESPONSE

55. [IF OWNER] Do you rent or own the land where your home is located?
- 1 YES
  - 2 NO \_ SKIPTO Q58
  - 3 NO ANSWER/ REF \_ SKIPTO Q58

56. How much rent do you pay per month?

\_\_\_\_\_

57. What does your rent include?
- 1 WATER
  - 2 ELECTRICITY
  - 3 CABLE
  - 4 LAWN MAINTENANCE
  - 5 SECURITY
  - 6 OTHER [SPECIFY \_\_\_\_\_]
  - 7 DON'T KNOW, NO REPONSE

58. Do you live in a mobile home park?
- 1 YES
  - 2 NO \_\_\_ SKIPTO Q63
  - 3 DON'T KNOW/ NR\_\_\_ SKIPTO Q63

59. About how many units are in the park?
- Enter amount \_\_\_\_\_
- 9999 DON'T KNOW

60. In general what is the distance between mobile homes in your park?  
[INTERVIEWER, RECORD APPROXIMATE DISTANCE IN FEET]

\_\_\_\_\_

61. Does your park have a community building that could be used for shelter during severe storms, tornadoes or hurricanes?
- 1 YES

- 2 NO
- 3 NO ANSWER

62. If your mobile home park has or if it HADS a storm shelter, how likely is it that you would use it for a tornado? Would you be very likely, somewhat likely, not very likely, or not likely at all to use it?

- 1 VERY LIKELY
- 2 SOMEWHAT LIKELY
- 3 NOT VERY LIKELY
- 4 NOT LIKELY AT ALL
- 5 DON'T KNOW

62A. If your mobile home park has, or if it HAD a storm shelter how likely is it that you would use it for a hurricane? Would you be very likely, somewhat likely, not very likely, or not likely at all to use it?

- 1 VERY LIKELY
- 2 SOMEWHAT LIKELY
- 3 NOT VERY LIKELY
- 4 NOT LIKELY AT ALL
- 5 DON'T KNOW

63. [If not in a park] Are there out buildings or other permanent structures [NOT MOBILE HOMES] near your mobile home that could be used for shelters in the event of severe weather?

- 1 YES
- 2 NO
- 3 NO ANSWER/ REF

64. If you were selecting a park where you would locate your mobile home, how important would it be to pick a park with a hurricane/tornado shelter as opposed to a park without a hurricane shelter? Would you be very important, somewhat important, not very important or not important at all when picking a mobile home park?

- 1 VERY IMPORTANT
- 2 SOMEWHAT IMPORTANT
- 3 NOT VERY IMPORTANT
- 4 NOT IMPORTANT AT ALL
- 5 DOES NOT MATTER
- 6 DON'T KNOW \_

INSURANCE QUESTIONS INTRODUCTION: As you may know, there have been many problems and concerns about homeowner's insurance in Florida, so I would like to ask you some questions about your insurance. Before I do this, I want to again tell you that your answers are completely confidential.

65. [IF RENTER:] Do you currently have renters' insurance?

- 1 YES\_SKIP TO Q73

- 2 NO [ASK AND RECORD WHY NOT?\_\_\_\_\_] \_SKIP TO Q73
- 3 DON'T KNOW/NOT SURE\_SKIP TO Q73

66. [IF OWNER] Do you currently have homeowners' insurance?

- 1 YES
- 2 NO [ASK AND RECORD WHY NOT?\_\_\_\_\_] \_ SKIP TO Q72
- 3 DON'T KNOW/NOT SURE\_SKIP TO Q72

67. [IF OWNER] What is the name of the company? [NOTE: I DON'T KNOW IF ANY OF THESE DO MOBILE HOME INSURANCE. WE MIGHT NEED TO LEAVE OPEN ENDED FOR NOW]

- 1 STATE FARM
- 2 ALLSTATE
- 3 PRUDENTIAL
- 4 USAA
- 5 NATIONWIDE
- 6 TRAVELERS
- 7 JUA
- 8 FOREMOST
- 9 OTHER (SPECIFY) \_\_\_\_\_
- 10 DON'T KNOW/NR

68. [IF OWNER] Do you have windstorm coverage?

- 1 YES
- 2 NO\_SKIP TO Q71
- 3 NOT SURE\_SKIP TO Q71
- 4 REFUSED\_SKIP TO Q71

69. [IF OWNER] Is your windstorm coverage a part of your homeowners policy or is it a different policy?

- 1 PART OF REGULAR HOMEOWNERS POLICY
- 2 A SEPARTE POLICY
- 3 DON'T KNOW/NR

70. [IF OWNER] Do you have different deductibles for windstorm coverage?

- 1 YES\_[INTERVIEWER: SPECIFY % \_\_\_\_\_ OR \$ AMT \_\_\_\_\_]
- 2 NO
- 3 DON'T KNOW/NR

71. [IF OWNER] Are you getting any insurance credits, discounts or lowered deductibles as a result of your home having some form of extra protection from wind damage or because of its special wind rating?

- 1 YES, BECAUSE OF WIND RATING [ASK APPROXIMATE AMT?\_\_\_\_\_]
- 2 YES, BECAUSE OF EXTRA PROTECTION [ASK APPROXIMATE AMT?\_\_\_\_\_]
- 3 NO
- 4 DON'T KNOW
- 5 NR/REFUSED

72. [IF OWNER] Do you have flood insurance?

- 1 YES
- 2 NO
- 3 DON'T KNOW
- 4 REFUSED

73. I would now like to ask you a few questions about your history of living in mobile homes. First, I would like to know about how many years of your life have you lived in mobile homes?

- 01-94 \_\_\_\_\_ RECORD ACTUAL YEARS
- 95 ALL OF YOUR LIFE
- 96 MOST OF YOUR LIFE
- 97 SOME OF YOUR LIFE
- 98 ONLY A FEW YEARS
- 99 DON'T KNOW/NA

74. Do you have other close relatives living in mobile homes?

- 1 YES
- 2 NO
- 3 DON'T KNOW/NA

75. There are always many reasons why people choose the homes that they live in; can you give me a few of the reasons why you have chosen to live in a mobile home? [INTERVIEWER, RECORD UP TO THREE REASONS]

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76. [IF OWNERS] If there was a special program that allowed you to receive credit for your current home, as a down payment on a single family site built home or a new mobile home, would you be interested in participating.

- 1 YES, FOR A NEW MOBILE HOME
- 2 YES, FOR A SINGLE FAMILY-SITE BUILT HOME
- 2 NO
- 3 IT WOULD DEPEND
- 4 DON'T KNOW/NA

77. Now I would like to read you a couple of statements and ask if you strongly agree, agree, disagree or strongly disagree with each. I believe that government should legally mandate that large mobile home parks have tornado/hurricane shelters that can be used by park residents? [ Do you...strongly agree, agree, disagree or strongly disagree]

- 1 STRONGLY AGREE
- 2 AGREE
- 3 DISAGREE
- 4 STRONGLY DISAGREE
- 5 DON'T KNOW
- 6 REF

78. I believe that government should partially pay or subsidize mobile home parks to provided sever whether shelters for park residents. [...strongly agree, agree, disagree or strongly disagree]

- 1 STRONGLY AGREE
- 2 AGREE
- 3 DISAGREE
- 4 STRONGLY DISAGREE
- 5 DON'T KNOW
- 6 REF

79. We're almost done. I just have a few general background questions and we will be finished. Including yourself, how many people live in your household? [INTERVIEWER ENTER THE ACTUAL NUMBER, DON'T KNOW/REFUSED = 99, IF ONLY ONE PERSON LIVING IN HOUSEHOLD = 1]

80. Could you please tell me your age? [INTERVIEWER ENTER THE ACTUAL age, DON'T KNOW/REFUSED = 999]

81. Please tell me the ages of the other people in your household. [INTERVIEWER PLEASE TYPE IN THE AGES SEPARATED WITH COMMAS. IF TEH SAME AGE OCCURES MORE THAN ONCE, PLEASE INCLUDE EACH INCIDENCE IN THE LIST DON'T KNOW/REFUSED = 99]

85. What is your marital status?

- 1 SINGLE
- 2 MARRIED
- 3 LIVING TOGETHER NOT FORMALLY MARRIED
- 4 WIDOWED
- 5 DIVORCED
- 6 SEPARATED
- 7 NEVER MARRIED
- 8 OTHER, SPECIFY \_\_\_\_\_
- 9 DK/NO RESPONSE

86. [IF SINGLE] Are you widowed, divorced, separated, or were you never married?

- 1 WIDOWED
- 2 DIVORCED
- 3 SEPARATED
- 4 NEVER MARRIED
- 5 OTHER
- 6 DK

87. What is your zip code? [INTERVIEWER ENTER THE ACTUAL NUMBER, DON'T KNOW/REFUSED = 39999]

88. What is the highest grade of school completed by any adult in your household?

- 1 GRADE SCHOOL
- 2 SOME HIGH SCHOOL
- 3 HIGH SCHOOL GRAD
- 4 SOME COLLEGE
- 5 COLLEGE GRADUATE
- 6 GRADUATE DEGREE
- 7 DK

89. With which of the following racial groups do you identify yourself \_\_\_ White, Black, Asian, American Indian, or something else?

- 1 WHITE
- 2 BLACK
- 3 ASIAN
- 4 AMERICAN INDIAN
- 5 SOMETHING ELSE
- 6 DK/REF

90. Are you of Hispanic descent?

- 1 HISPANIC
- 2 NOT HISPANIC
- 3 N/A NR DK

92. What language is most often spoken in your home?

- 1 ENGLISH
- 2 SPANISH
- 3 BOTH ENGLISH AND SPANISH
- 4 OTHER (SPECIFY)
- 5 DK

93. Approximately, what is your annual household income \_\_\_ is it..?

- 1 UNDER \$5,000
- 2 \$5,000 \_ \$10,000
- 3 \$10,000 \_ \$20,000
- 4 \$20,000 \_ \$30,000
- 5 \$30,000 \_ \$50,000
- 6 \$50,000 \_ \$ 75,000
- 7 \$75,000 \_ \$100,000
- 8 OVER \$100,000
- 9 DK/DEPENDS/NR

94. For statistical purposes we need to ask you: how many separate telephone lines with different numbers (not including cell phones) do you have coming into your home where people can call to talk? [INTERVIEWER ENTER THE ACTUAL NUMBER, DON'T KNOW/REFUSED = 99]

96. Well, that concludes the interview. I'd like to thank you for taking the time to complete the interview. Do you have any comments that you would like me to write down on hurricane issues or this survey?

- 1 YES
- 2 NO \_ SKIPTO Q118

97. WRITE COMMENTS IF ANY

I want to thank you very much for your time and your participation.

**Appendix A**  
**Face-to-Face Survey Questions**

## APPENDIX A – SURVEY QUESTIONS

### FACE-TO-FACE SURVEY

#### OPEN-ENDED QUESTIONS FOR PARK OWNERS/MANAGERS

**[If the respondent is the manager, not owner, adjust the questions accordingly to get as much of the information as possible. Try to get contact information on the owner.]**

**[Introduce self and the project. Ask for permission to record the interview.]**

#### **I. Information about the park**

Address

Age of park, number of mobile homes

How long owned

What facilities are in the park? Laundry? Community center? Etc.

Get or make map, if possible.

Note property adjacent to the park (all sides): Rural, single homes, businesses, etc.

#### **II. Business questions**

Do you own any of the units?

If not, who does? Are most owner-occupied? (Get proportion)

How many are rented? Any trouble keeping them rented?

What is the zoning situation? Any attempts to change it?

Have any zoning or ordinance changes affected you?

Is this a good business to be in?

What do you like about it?

What are the major problems?

What are your liabilities in terms of resident safety?

What kinds of insurance, if any, do you carry?

Liability? Property? Business interruption? Inquire about coverage and cost.

What is the average lot rental? What does it include? Utilities, etc.

If respondent own units, what is the average rental for a unit?

What does that include?

What is your average turnover? (If high or low, why?)

#### **III. Residents**

Who lives in your park? [Try to get some idea of the demographics.]

Age range? Working status? Size of families? Jobs?

Are there any restrictions about who lives here?

Why types of households do you prefer? Probe.

Have you noticed any trends or changes in recent years regarding the residents?

Do people tend to know each other? To socialize?

Are disputes a problem for you? If yes, explain.

Are there any community activities?  
Is there any kind of resident organization?  
Why do you think people choose to live in mobile homes?

#### **IV Hazards**

Have you had any bad weather events since you've owned the park?  
What would you (or did you) do for a tornado warning?  
Do you have a NOAA weather radio?  
If you received a tornado warning, what would you do?  
    How would you convey the information to the residents?  
    What would you expect them to do?  
If you have a community center or main building, has it ever been used as a shelter?  
Do you think it is safe?  
Could it be made safer and serve as a shelter?  
What do you think of that idea?  
What do you do in case of a hurricane?  
[Probe to see what they know about watches and warnings and evacuation orders]  
How do (would) you get the park ready for a hurricane?  
Have you had a hurricane since you've owned the park?  
    [If so, probe about evacuation, sheltering, etc. for each storm]

#### **V. Information about Mobile Homes in the Park**

What kind of information do you keep on each mobile home?  
Do you have any information about the age of each home?  
How many would you guess were built before 1976?  
How many would you guess were built since 1994?  
What are some of the maintenance problems?  
How do you decide that a home is no longer livable?  
Are any ever abandoned by the owners?  
    If so, what do you do with them?  
        Are they salvaged? [If so, get cost regarding company, process, cost.]  
Have you ever heard of a recycling program for old mobile homes?  
What would you think of a government recycling program to replace old homes with newer, safer ones? Does this seem like a good idea?  
What incentives would it take to get owners to go for it?

#### **VI. Future Plans**

What are your future plans regarding the park?  
Have you had any offers to buy it?  
    If so, was it for the park, or for the land?  
What would it take for you to sell it? [Try to get an estimate of its value if possible]  
What do you think will happen to this land in the future?  
How much longer do you plan to stay in this business?

[Ask if you can call if you have additional questions. Tell them that you would hope to talk with some of the residents about their plans and that you'd like to distribute a flyer explaining the program and telling them they might be contacted by (UF, USF, FSU, FIU) students. What would be the best way? Agree to share a project report with them, if they ask.]

## **FACE-TO-FACE SURVEY – OPEN-ENDED QUESTIONS FOR MOBILE HOME RESIDENTS**

[Introduce self and the project. Ask for permission to record the interview.]

### **I. Information About the Home**

Address, Size, Type and Age of Unit

Tenancy: Own or rent?

How many years have you lived in this unit?

Did you live in mobile homes prior to that? [Get history.]

How many years have you lived in this park?

What facilities are in the park?

Laundry? Community center? Etc.

Why did you choose this park?

What are its advantages? Disadvantages?

How would you describe the residents here?

### **II. Attitudes about Mobile Homes**

What made you choose this type of housing? [Probe for reasons.]

What do you like about it?

What don't you like about it?

How many years would you expect a mobile home to be livable?

Do you expect your next home to be a mobile home?

Why or why not?

### **III. Housing Costs**

[If renter] How much rent do you pay and what does it include?

[If owner] How much do you pay to have your unit here and what does it include?

Could you tell me when you purchased your home? New or used?

About how much did it cost?

If you were to sell it now, what do you think you could get?

If you were to rent it, what do you think you would get?

What usually happens to old units that are no longer livable?

What types of insurance, if any, do you carry on your home and its furnishings?

[Probe for type and approximate cost. Also what they think it covers.]

All in all, how economical is mobile home living?

If you could live in regular housing of equivalent size and cost, would you prefer it?

### **IV. Hazards Safety**

Have you had any bad weather events since you've lived in a mobile home?

If you received a tornado warning, what would (or did) you do?

Do you have a NOAA weather radio?

Does the park have a warning system? If so, has it been used?

Have you experienced a hurricane?

While living in a mobile home? While living here?

[Probe for details about each event, and their actions related to housing preparation, evacuation, sheltering, etc.]

What about a flood?

How would you describe the vulnerability of your current home to a hurricane?

How do you feel about this?

What do you know about the manner in which your unit is fastened to the site?

Have you done anything to improve the safety of this unit?

Do you know of anything that could be done to this unit to improve its safety? [Probe.]

If so, what would it take to get it done?

[Probe for cost, possible incentives, etc.]

How do you get your hurricane information? [Probe for all sources.]

If this area were placed on a *hurricane warning* today, what would you do?

If it were under a *hurricane watch*, what would you do?

Where is the closest approved shelter located? Have you ever used it?

Tell me about that.

Would having a shelter inside a park influence your decision to live there?

Explain.

## V. Demographics

Who lives here with you? Get ages, relationships.

Who do you consider the head or heads of this household?

Could you give me their approximate ages.

Would you please estimate the households' total yearly income

[provide categories]

## VI. Future Plans

How long would you expect to continue living here?

Under what conditions would you leave?

[If owner] If you moved, would you sell the unit or take it with you?

How difficult would it be to sell?

When this home gets too old to be livable, what will you do with it?

If there was a program to recycle mobile homes, that is to help owners buy newer, more safe models, would you be interested? What would it take to get you to do this? [Probe.]

In closing, is there anything you would like to ask me about this project?

If we have further questions as this study progresses, may we contact you?