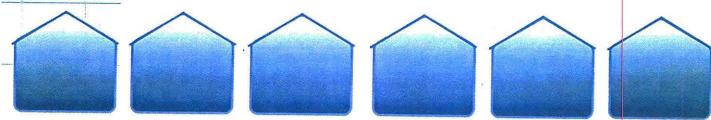


1996 Prince George's County Household Survey

INITIAL SURVEY RESULTS TECHNICAL DOCUMENTATION

JULY 1999



The Maryland-National Capital Park & Planning Commission 14741 Governor Oden Bowie Drive, Upper Marlboro, MD 20772



ABSTRACT

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and Technical Documentation

Author:

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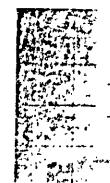
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Abstract:

This publication documents the initial results of and survey process utilized in the 1996 Prince George's County Household Survey—the first such comprehensive demographic survey undertaken by the Planning Department. Initial frequency distributions are presented for all demographic data on individuals in surveyed households, as well as characteristics of the housing unit, household members and the householder. The process documentation includes references to the compilation of a sampling frame and the sampling process, the design and dissemination of survey forms, determination of response rates, the weighting of survey responses, and understanding survey error. The majority of survey questions mirrored those asked in the 1990 census, while others were included to venture into new areas key to planning.



1996 Prince George's County Household Survey

INITIAL SURVEY RESULTS & TECHNICAL DOCUMENTATION

JULY 1999













The Mary and Hational Capital Park & Pianning Commission 14741 Governor Oden Sowie Drive: Upper Marbora, MD 20772



The Maryland-National Capital Park and Planning Commission

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Officers

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The Maryland-National Capital Park and Planning Commission is a bi-county agency, created by the General Assembly of Maryland in 1927. The Commission's geographic authority extends to the great majority of Montgomery and Prince George's Counties: the Maryland-Washington Regional District (M-NCPPC planning jurisdiction) comprises 1,001 square miles, while the Metropolitan District (parks) comprises 919 square miles, in the two counties.

The Commission has three major functions:

- The preparation, adoption, and, from time to time, amendment or extension of the General Plan for the physical development of the Maryland-Washington Regional District;
- The acquisition, development, operation, and maintenance of a public park system; and
- In Prince George's County only, the operation of the entire County public recreation program.

The Commission operates in each county through a Planning Board appointed by and responsible to the county government. All local plans, recommendations on zoning amendments, administration of subdivision regulations, and general administration of parks are responsibilities of the Planning Boards.

The Prince George's County Department of Planning (M-NCPPC):

- Our mission is to help preserve, protect and manage the County's resources by providing
 the highest quality planning services and growth management guidance and by facilitating
 effective intergovernmental and citizen involvement through education and technical
 assistance.
- Our vision is to be a model planning department comprised of responsive and respected staff who provide superior planning and technical services and work cooperatively with decision-makers, citizens and other agencies to continuously improve development quality and the environment and act as a catalyst for positive change.

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INTRODUCTION

Key demographic changes have occurred in Prince George's County since the 1990 census was taken. While the Planning Department has an ongoing program to update estimates of employment, total population and dwelling units, demographic and socioeconomic characteristics such as age, income, poverty and household structure have not previously been updated between censuses. In fall 1996 the Department conducted a survey of Prince George's County households to obtain data critical to County agencies, programs and planning.

This household survey is the first such comprehensive demographic survey undertaken by the Planning Department. Responses from this mail survey of 7,000 randomly selected County households (and follow-up phone calls to nonrespondents) will augment and update the eight-year-old decennial census data with more detailed information. The majority of survey questions mirrored those asked in the 1990 census, while others were included to venture into new areas key to planning. Specific demographic data on all individuals in surveyed households, as well as characteristics of the housing unit, household members and the householder were collected.

In light of the dated nature of decennial census data and the dynamic nature of the County population, results of the 1996 Prince George's County Household Survey should be considered an essential resource. Survey results are key to informed and effective program, service, and policy planning and development. In the following section, Initial Survey Results, descriptive frequency tables are provided for all survey questions (i.e., data on all individuals in surveyed households, as well as characteristics of the housing unit, household members and the householder).

The survey process will be detailed within the second part of this report, *Documentation*. The information and format presented is intended to merely introduce the breadth and volume of information available to the reader. Data was collected and formatted so that the interrelationship of any or all variables could be further investigated. These detailed analyses should be conducted in response to specific agency and individual needs.

Comments, questions and requests for specific statistical analyses should be directed to the Research Section, Information Management Division, at 301-952-3918.

INITIAL SURVEY RESULTS

In the 1996 *Prince George's County Household Survey*, specific demographic data on all individuals in surveyed households, as well as characteristics of the housing unit, household members and the householder were collected. The following sections contain preliminary descriptive analyses for each of three sets of questions: the series of 23 *population* questions posed to residents soliciting information on every individual in the household; the series of 15 *household* questions asked in reference to the housing unit or structure of residents; and the 23 *population* questions applied to the householder.

A table is provided for each individual question (i.e., characteristic). In it is displayed weighted counts for each value (i.e., response) of the characteristic (*frequency*), counts percentaged over all records (*percent*), counts percentaged over all records with nonmissing values (*adjusted percent*), and the *adjusted percent* applied to the total number of records (*adjusted frequency*).

The reader will note variation in the number of responses to any particular question. A high number of missing responses may be due to the sensitive nature of a question or that a question was targeted for a subset of respondents (e.g., a question only applying to women or those over 16 years of age). To determine the effect of these nonresponses on reliability, a confidence level (or range of error) was calculated for each variable. The confidence interval for all population variables, with the exclusion of school setting, was within ± 2 percent. School setting, a variable restricted in audience to those 3 years of age and over who were currently enrolled in school, had a slightly higher range of error (±3 percent), due to the smaller number of respondents. For household variables, the range of error was as high as ±4 percent for the variable monthly rent, but all other characteristics were well within the ±2 percent confidence interval. These statistics illustrate the strength of survey results and limit the influence of nonresponse on reliability.

POPULATION CHARACTERISTICS

RELATIONSHIP TO HOU	SEHOLDER — H	low is this per	son related to p	person 1?
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Son/Daughter	109,138	14.4%	52.0%	394,986
Stepson/Daughter	6,153	0 8%	2.9%	22,269
Father/Mother	20,787	2.7%	9 9%	75,231
Grandchild	7,992	1.1%	3.8%	28,924
Roomer/Boarder/Foster	2,251	0.3%	1.1%	8,147
Housemate/Roommate	17,333	2.3%	8.3%	62,731
Unmarried Partner	9,442	1.2%	4.5%	34,172
Other Relative	29,868	3.9%	14.2%	108,097
Other Nonrelative	6,976	0.9%	3.3%	25,247
Missing	549,864	72.4%	Missing	-
TOTAL	759,804	100.0%	100.0%	759,804

NOTE:

The response "spouse" was erroneously omitted from the survey questionnaire. As there was no control over how a respondent's spouse would indicate their relationship to person #1, caution in interpreting this characteristic should be exercised.

SEX — What is this person's sex?						
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)		
Male	324,359	42.7%	47.6%	361,485		
Female	357,410	47.0%	52.4%	398,319		
Missing	78,035	10.3%	Missing			
TOTAL	759,804	100.0%	100.0%	759,804		

RACE — What is this person's race or ethnic background?							
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)			
White	283,469	37.4%	38.4%	291,677			
Black/African American	387,730	51.0%	52.5%	398,958			
Asian/Pacific Islander	27,637	3.6%	3.7%	28,437			
American Indian/Eskimo/Aleut	3,723	0.5%	0.5%	3,831			
Other	35,862	4.7%	4.9%	36,900			
Missing	21,383	2.8%	Missing				
TOTAL	759,804	100.0%	100.0%	759,804			

HISPANIC — Is this pe	rson of Spanish/Hispanic on	igin?		
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
No	624,378	82.2%	94.8%	720,126
Yes	34,402	4.5%	5.2%	39,678
Missing	101,024	13.3%	Missing	_
TOTAL	759,804	100.0%	100.0%	759,804

AGE GROUP — What is this person's age?							
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)			
Under 5 Years	24,567	3.2%	5.6%	42,746			
5-9 Years	27,990	3.7%	6.4%	48,702			
10-14 Years	23,028	3.0%	5.3%	40,068			
15-19 Years	28,487	3.7%	6.5%	49,567			
20-24 Years	17,466	2.3%	4.0%	30,390			
25-44 Years	152,064	20.2%	34 8%	264,588			
45-64 Years	121,050	15.9%	27.7%	210,625			
65 Years of Age and Over	42,022	5.5%	9 6%	73,117			
Missing	323,130	42.5%	Missing				
TOTAL	759,804	100.0%	100.0%	759,804			

NOTE: Values for this characteristic have been imputed (i.e., for a missing characteristic, data for a person with similar characteristics is applied).

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Married	150,687	24.8%	52.2%	316,502
Widowed	16,460	2.7%	5.7%	34,573
Divorced	27,871	4.6%	9.7%	58,540
Separated	9,711	1.6%	3.4%	20,397
Never Married	84,094	13.9%	29.1%	176,632
Missing	317,821	52 4%	Missing	••
TOTAL	606,644	100.0%	100 0%	606,644

NOTE: For those residents 15 years of age and over.

EDUCATION — How much se	chool has this pe	erson comple	ted?	
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
No School	249	0.0%	0.1%	568
Less than 12th Grade	16,543	3.0%	6.9%	37,715
12th Grade-No Diploma	11,718	2.1%	4.9%	26,715
High School Diploma-GED	55,563	10.1%	23.0%	126,672
Some College-No Degree	59,235	10 8%	24.6%	135,043
Associates	15,307	2.8%	6.3%	34,897
Bachelors	48,507	8.8%	20.1%	110,586
Masters	23,161	4.2%	9.6%	52,802
Professional School	6,446	1.2%	2.7%	14,696
Doctorate	4,499	0.8%	1.9%	10,257
Missing	308,723	56.1%	Missing	-
TOTAL	549,951	100 0%	100 0%	549,950

NOTE: For those residents 25 years of age and over.

CURRENTLY ENROLLED IN SCHOOL — Is this person currently enrolled in school?							
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)			
Yes, Full Time	76,920	11.5%	23.1%	154,322			
Yes, Part Time	25,087	3.7%	7.5%	50,331			
Not Currently	230,843	34.6%	69.4%	463,134			
Missing	334,937	50.2%	Missing	-			
TOTAL	667,787	100.0%	100.0%	667,787			

NOTE: For those residents 3 years of age and over.

SCHOOL SETTING — If this po	erson is currentl	y enrolled, v	vhat is the scho	pol setting?
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Public, Prince George's	67,204	10.1%	61.0%	407,532
Public, Not Prince George's	11,224	1.7%	10.2%	68,062
Private, Prince George's	10,774	1.6%	9.8%	65,334
Private, Not Prince George's	7,364	1.1%	6.7%	44,655
Home School	2,345	0 4%	2.1%	14,220
Other	11,211	1.7%	10.2%	67,984
Missing	557,665	83.4%	Missing	
TOTAL	667,787	100.0%	100.0%	667,787

NOTE: For those residents 3 years of age and over.

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Prince George's	520,224	68.5%	78.1%	593,464
Maryland	37,153	4.9%	5.6%	42,384
District of Columbia	32,832	4.3%	4.9%	37,454
Virginia	11,037	1.5%	1.7%	12,591
Other	64,789	8.5%	9.7%	73,910
Missing	69,108	9.1%	Missing	-
Born After 4-90	24,660	3 2%	Missing	_
TOTAL	759,804	100.0%	100.0%	759,804

EMPLOYMENT STATUS —	- What is this perso	n's primary e	mployment sta	atus?
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Armed Forces	6,869	1.1%	2.5%	14,975
Full Time	162,188	27.0%	58.8%	353,568
Part Time	25,703	4.3%	9.3%	56,032
Unemployed	15,764	2.6%	5.7%	34,365
Not employed/Retired	65,507	10.9%	23.7%	142,804
Missing	325,713	54.1%	Missing	
TOTAL	601,744	100.0%	100.0%	601,744

NOTE: For those residents 16 years of age and over.

EMPLOYMENT SECTOR -	– In what employme	ent sector do	oes this person	work?
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Private, For Profit	87,581	14.5%	45.1%	271,600
Private, Not for Profit	19,749	3.3%	10.2%	61,245
Local Government	16,388	2.7%	8.4%	50,822
State Government	9,070	1.5%	4.7%	28,127
Federal Government	46,648	7.8%	24.0%	144,662
Self-Employed	12,377	2.1%	6.4%	38,383
Family Operation	2,227	0.4%	1.1%	6,905
Missing	407,704	67.7%	Missing	-
TOTAL	601,744	100 0%	100.0%	601,744

NOTE: For those residents 16 years of age and over.

WORK LOCATION — For each employed person, what is their work location?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
Prince George's County	84,393	14.0%	42.3%	254,628	
Maryland	25,328	4.2%	12.7%	76,419	
District of Columbia	65,991	11.0%	33.1%	199,106	
Virginia	19,584	3.3%	9.8%	59,088	
Other	4,144	0.7%	2.1%	12,503	
Missing	402,304	66.8%	Missing		
TOTAL	601,744	100.0%	100.0%	601,744	

NOTE: For those residents 16 years of age and over.

LANGUAGE OTHER THAN ENGLISH SPOKEN — Does this person speak a language other than English at home?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
No	299,688	45.7%	91.7%	601,324	
Spanish	8,932	1.4%	2.7%	17,922	
French	2,586	0.4%	0.8%	5,189	
Asian	9,598	1.5%	2.9%	19,258	
Other	6,372	1.0%	1.9%	12,784	
Missing	329,301	50 2%	Missing	-	
TOTAL	656,477	100.0%	100.0%	656,477	

NOTE: For those residents 5 years of age and over.

HOW WELL IS ENGL	ISH SPOKEN — How we	eii aoes this i	person speak l	=ngiisn7
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Very Well	18,139	66.0%	69.5%	19,113
Well	5,779	21.0%	22.2%	6,089
Not Well	1,846	6.7%	7.1%	1,945
Not At All	324	1.2%	1.2%	341
Missing	1,400	5.1%	Missing	
TOTAL	27,488	100.0%	100.0%	27,488

NOTE: For those residents 5 years of age and over who speak a language other than English at home.

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Paid Care in Home	4,784	0.6%	1.4%	10,280
Paid Care - Other Home	16,025	2.1%	4.5%	34,434
Paid Care - Center	15,450	2.0%	4.4%	33,199
Unpaid Care - No Paid Care Needed	14,896	2.0%	4.2%	32,008
Unpaid Care - Paid Care Needed	5,414	0.7%	1.5%	11,633
No Care Needed	297,028	39.1%	84.0%	638,249
Missing	406,206	53.5%	Missing	-
TOTAL	759,803	100.0%	100.0%	759,803

DISABILITY — Does this person have a permanent disability that limits their work and/or self-care activities?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
No Disability	612,222	80 6%	91.6%	696,289	
Physical	41,117	5.4%	6.2%	46,763	
Mental	6,170	0.8%	0.9%	7,018	
Hearing	2,704	0.4%	0.4%	3,075	
Visual	3,266	0.4%	0.5%	3,714	
Other Disability	2,589	0.3%	0.4%	2,945	
Missing	91,736	12.1%	Missing	••	
TOTAL	759,804	100.0%	100.0%	759,804	

HEALTH STATUS —	HEALTH STATUS — In general, how is this person's health?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)		
Excellent	211,971	27.9%	55 0%	418,244		
Very Good	97,410	12.8%	25.3%	192,202		
Good	51,840	6.8%	13.5%	102,287		
Fair	19,316	2.5%	5.0%	38,113		
Poor	4,540	0 6%	1.2%	8,958		
Missing	374,727	49.3%	Missing	-		
TOTAL	759,804	100.0%	100.0%	759,804		

SOURCE OF HEALTH CARE		uns parson.	Those onten go i	Ur rieditir Garer
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Private Medical	291,741	38 4%	44.4%	337,580
НМО	295,283	38.9%	45.0%	341,679
Community Health Center	11,344	1.5%	1.7%	13,126
Hospital Clinic	21,271	2.8%	3.2%	24,613
Hospital Emergency Room	9,549	1.3%	1.5%	11,049
Other	27,444	3.6%	4.2%	31,757
Not Applicable	18,660	2.5%	NA	-
Missing	84,512	11.1%	Missing	
TOTAL	759,804	100.0%	100.0%	759,804

TRANSPORTATION TO HEALTH CARE — How does this person generally get to their health care provider?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
Private Vehicle	351,285	46.2%	92.9%	705,784	
Taxi	3,451	0.5%	0.9%	6,934	
Public Transport	17,135	2.3%	4.6%	34,427	
Private Associated Vehicle	1,562	0.2%	0.4%	3,138	
Walk	1,959	0.3%	0.5%	3,936	
Other	2,780	0.4%	0.7%	5,585	
Missing	381,632	50.1%	Missing	••	
TOTAL	759,804	100.0%	100.0%	759,804	

INSURANCE — What is to	his person's current h	ealth insura	nce coverage?	<u> </u>
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Uninsured	37,595	4.9%	5.7%	43,448
Group	449,203	59.1%	68.3%	519,136
Individual	57,814	7.6%	8 8%	66,815
MEDICARE/CAID	57,829	7.6%	8.8%	66,832
Military	33,935	4.5%	5.2%	39,218
Other	21,074	2.8%	3.2%	24,355
Missing	102,354	13 5%	Missing	
TOTAL	759,804	100.0%	100.0%	759,804

HOUSEHOLD CHARACTERISTICS

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Single-family Detached	143,102	50.3%	52.0%	147,779
Single-family Attached	33,744	11.9%	12.3%	34,846
Low-Rise Apartment	62,169	21.9%	22.6%	64,202
Mid-Rise Apartment	23,151	8.1%	8.4%	23,908
High-Rise Apartment	10,985	3.9%	4.0%	11,344
Mobile Home	1,071	0.4%	0 4%	1,106
Other	1,030	0.4%	0 4%	1,065
Missing	8,998	3.2%	Missing	**
TOTAL	284,250	100.0%	100.0%	284,250

-	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
1	33,982	12.0%	12.9%	36,443
2	65,161	22.9%	24.6%	69,880
3	86,181	30.3%	- 32.5%	92,423
4	68,176	24.0%	25.7%	73,114
5	9,335	3.3%	3.5%	10,011
6	2,156	0.8%	0.8%	2,312
7	63	0.0%	0 0%	. 67
Missing	19,196	6.7%	Missing	••
TOTAL	284,250	100.0%	100.0%	284,250

NUMBER OF PER	RSONS IN HOUSEHOLD	— How many	persons live at	this address?
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
1	73,312	25.8%	25.8%	73,312
2	86,852	30.6%	30 6%	86,852
3	61,254	21.5%	21.5%	61,254
4	38,033	13.4%	13.4%	38,033
5	19,607	6 9%	6.9%	19,607
6	3,703	1.3%	1.3%	3,703
7	1,209	0.4%	0.4%	1,209
8	83	0.0%	0.0%	83
12	197	0.1%	0.1%	197
TOTAL	284,250	100.0%	100.0%	284,250

TENURE — What is th	e ownership status o	f this dwelling?	,	•
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Owner-occupied	169,480	59.6%	61.7%	175,481
Renter-occupied	105,050	37.0%	38.3%	108,769
Missing	9,720	3.4%	Missing	-
TOTAL	284,250	100 0%	100.0%	284,250

	Fraguena	Dorecet	Adjusted	Adjusted Frequency
······································	Frequency	Percent	Percent	(Adjusted Percent Applied to Total)
Since 1990	125,950	44.3%	51.5%	146,444
1980-1989	61,392	21.6%	25.1%	71,381
1970-1979	34,054	12.0%	13.9%	39,595
1960-1969	16,948	6.0%	6.9%	19,706
1959 or earlier	6,127	2.1%	2.6%	7,124
Missing	39,779	14.0%	Missing	
TOTAL	284,250	100.0%	100.0%	284,250

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Since 1990	9,425	3.3%	11.4%	32,194
1980-1989	15,086	5.3%	18.1%	51,530
1970-1979	16,127	5.7%	19.4%	55,085
1960-1969	23,829	8.4%	28.6%	81,393
1959 or earlier	18,751	6 6%	22.5%	64,048
Missing	201,032	70.7%	Missing	
TOTAL	284,250	100.0%	100.0%	284,250

HOUSE OR CONDO SALE PRICE —
How much would this house and lot or condominium sell for if it were for sale?

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Less than \$20K	102	0.1%	0.1%	113
\$20-29,999	1,780	1.1%	1.2%	1,976
\$30-39,999	518	0.3%	0.3%	575
\$40-49,999	1,221	0.7%	0.8%	1,356
\$50-59,999	3,019	1.8%	2.0%	3,352
\$60-69,999	2,520	1.5%	1.7%	2,798
\$70-79,999	3,641	2.1%	2.4%	4,042
\$80-89,999	4,613	2.7%	3.0%	5,122
\$90-99,999	7,658	4.5%	5.0%	8,502
\$100-124,999	22,542	13.3%	14.8%	25,027
\$125-149,999	37,114	21.9%	24.3%	41,206
\$150-174,999	37,716	22.4%	24 6%	41,875
\$175-199,999	11,883	7.0%	7.8%	13,193
\$200-249,999	12,104	7.1%	7.9%	13,438
\$250-299,999	4,058	2.4%	2.7%	4,505
\$300-399,999	1,762	1.0%	1.2%	1,956
\$400-499,999	166	0.1%	0.1%	184
\$500-749,999	198	0.1%	0.1%	220
\$750,000 or more	37	0.0%	0.0%	41
Missing	16,829	9.9%	Missing	-
TOTAL	169,481	100.0%	100.0%	169,481

NOTE: For those owner-occupied units.

MONTHLY RENT — If you or someone in the household is renting this house or apartment, what is the total monthly rent? Adjusted Adjusted Frequency (Adjusted Percent Applied to Total) Frequency Percent Percent Less than \$100 516 0.5% 0.7% 688 \$100-149 658 06% 0.8% 877 \$150-199 249 0.2% 0.3% 332 \$200-249 665 0.6% 0.8% 886 \$250-299 475 0.5% 0.6% 633 \$300-349 2,978 2.8% 38% 3,968 \$350-399 119 0.1% 0.2% 159 \$400-449 3,674 3.5% 4.7% 4,896 5.7% \$450-499 5,937 7.5% 7,911 \$500-549 6.087 5.8% 7.7% 8.111 \$550-649 14.6% 19.4% 15,308 20,399 14.2% \$650-699 10.6% 11,185 14,905 \$700-749 10.2% 10,670 13.5% 14,218 \$750-799 4,322 4.1% 5.5% 5,759 6.2% \$800-849 6,500 8 2% 8,662 \$850-899 3.371 3.2% 4.3% 4,492 \$900-999 2,888 2.7% 3.7% 3,848 \$1,000-1,099 1,414 1.3% 1.8% 1,884 \$1,100-1,199 387 0.4% 05% 516 \$1,200-1,299 663 0.6% 0.8% 883 \$1,300-1,399 512 0.5% 0.6% 682 \$1,400-1,499 90 0.1% 0.1% 120 \$1,500 or more 165 0.2% 0.2% 220 26,217 25.0% Missing Missing TOTAL

NOTE: For those renter-occupied units.

105,050

100 0%

105,050

100.0%

TOTAL 1995 HOUSEHOLD INCOME — What was the total 1995 [pre-tax] income for this household? (Include income from all sources).

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Less than \$5k	3,720	1.3%	1.8%	5,005
\$5-9,999	4,416	1.6%	2.1%	5,942
\$10-14,999	6,480	2.3%	3.1%	8,719
\$15-19,999	8,188	2.9%	3.9%	11,017
\$20-24,999	18,142	6.4%	8.6%	24,411
\$25-29,999	10,670	3.8%	5.1%	14,357
\$30-34,999	18,831	6.6%	8.8%	25,338
\$35-39,999	14,894	5.2%	7.1%	20,040
\$40-44,999	14,600	5.1%	6 9%	19,645
\$45-49,999	13,669	4.8%	6.5%	18,392
\$50-54,999	16,994	6.0%	8.0%	22,866
\$55-59,999	8,268	2.9%	3.8%	11,125
\$60-64,999	10,625	3 7%	5.0%	14,296
\$65-69,999	9,016	3.2%	4.3%	12,131
\$70-74,999	9,826	3.5%	4.7%	13,221
\$75-79,999	9,876	3.5%	4.7%	13,288
\$80-89,999	10,334	3 6%	4.9%	13,905
\$90-99,999	7,835	2.8%	3.7%	10,542
\$100-124,999	8,706	3.1%	4.1%	11,714
\$125-149,999	3,190	1.1%	1.5%	4,292
\$150-174,999	1,451	0.5%	0.7%	1,952
\$175-199,999	682	0.2%	0.3%	918
200-249,999	235	0.1%	0.1%	316
250,000 or more	608	0.2%	0.3%	818
Missing	72,994	25.7%	Missing	-
TOTAL	284,250	100.0%	100.2%	284,250

NUMBER OF AUTOS —

How many automobiles, vans and trucks (of less than one-ton capacity) are kept at this dwelling by members of the household?

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
0	20,721	7.3%	7.8%	22,256
1	103,151	36.3%	39.0%	110,790
2	98,271	34.6%	37.1%	105,549
3	32,487	11.4%	12.3%	34,893
4	7,470	2.6%	2.8%	8,023
5	1,828	0.6%	0.7%	1,963
6	441	0.2%	0.2%	474
10	84	0.0%	0.0%	90
20	197	0.1%	0.1%	212
Missing	19,600	6.9%	Missing	
TOTAL	284,250	100.0%	100.0%	284,250

TELEPHONES — Do you have a working telephone in this house or apartment?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
No	3,614	1.3%	4.1%	11,567	
Yes, listed	57,342	20.2%	64 6%	183,528	
Yes, unlisted	27,856	9.8%	31.3%	89,970	
Missing	195,438	68.7%	Missing	••	
TOTAL	284,250	100.0%	100.0%	284,250	

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
0	125,773	44.2%	48.4%	137,468
1	94,899	33.4%	36.5%	103,723
2	29,821	10.5%	11.5%	32,594
3	5,795	2.0%	2.2%	6,334
4 ·	2,663	0.9%	1.0%	2,911
5	514	0.2%	0.2%	562
6	517	0 2%	0.2%	565
10	84	0.0%	0.0%	92
Missing	24,184	8.6%	Missing	
TOTAL	284,250	100.0%	100 0%	284,249

NUMBER OF PERSONAL COMPUTERS — How many personal computers are used in this dwelling?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
0	136,503	48.0%	52.8%	150,098	
1	101,750	35.8%	39.4%	111,884	
2	16,925	6.0%	6.5%	18,611	
3	2,214	0.8%	0.9%	2,435	
4	640	0.2%	0.2%	704	
5	51	0.0%	0.0%	56	
6 or more	421	0.1%	0.2%	462	
Missing	25,746	9.1%	Missing	_	
TOTAL	284,250	100.0%	100 0%	284,250	

NUMBER OF MODEMS — How many modems are used in this dwelling?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
0	22,937	18.8%	21.6%	26,307	
1	72,443	59.4%	68.1%	83,086	
2	9,595	7.9%	9 0%	11,004	
3	1,206	1.0%	1.1%	1,383	
4	37	0.0%	0.0%	42	
5	64	0.1%	0.1%	73	
10	91	0.1%	0.1%	104	
Missing	15,626	12.7%	Missing		
TOTAL	121,999	100.0%	100.0%	121,999	

NOTE: For those with at least one personal computer in the dwelling

NUMBER OF LIB How many member	RARY CARDS — ers of this household have	a Prince Geo	rge's County Me	emorial Library System card?
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
0	25,730	9.1%	29.0%	82,560
1	28,026	9.9%	31.7%	89,928
2	20,575	7.2%	23.2%	66,019
3	8,795	3.1%	9.9%	28,220
4	4,106	1.4%	4.7%	13,176
5	1,097	0.4%	1.2%	3,520
6	203	0.1%	0.2%	651
8	18	0.0%	0.0%	58
10	37	0.0%	0.0%	119
Missing	195,663	68.8%	Missing	-
TOTAL	284,250	100.0%	99.9%	284,251

HOUSEHOLDER CHARACTERISTICS

SEX — What is this person's sex?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
Male	136,559	48.0%	50.7%	144,147	
Female	132,727	46.7%	49.3%	140,103	
Missing	14,964	5.3%	Missing	-	
TOTAL	284,250	100.0%	100.0%	284,250	

RACE — What is this person's race or ethnic background?						
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)		
White	104,399	36.7%	38.7%	109,927		
Black/African American	142,116	50.0%	52.6%	149,642		
Asian/Pacific Islander	7,202	2.5%	2.7%	7,583		
American Indian/Eskimo/Aleut	1,265	0.4%	0.5%	1,332		
Other	14,973	5.3%	5.5%	15,766		
Missing	14,295	5.1%	Missing	-		
TOTAL	284,250	100.0%	100.0%	284,250		

HISPANIC — Is this pe	erson of Spanish/Hispanic or	igin?		
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
No	243,435	85.7%	94.1%	267,567
Yes	15,178	5.3%	5.9%	16,683
Missing	25,637	9.0%	Missing	_
TOTAL	284,250	100.0%	100.0%	284,250

AGE GROUP — What is this person's age?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
5-17 Years	105	0.0%	0.0%	112	
18-24 Years	10,709	3.8%	4.0%	11,444	
25-44 Years	118,059	41.5%	44.5%	126,161	
45-64 Years	96,753	34.0%	36.4%	103,393	
65-74 Years	27,513	9.7%	10.3%	29,401	
75 Years and Older	12,857	4.5%	4.8%	13,739	
Missing	18,254	6.5%	Missing	-	
TOTAL	284,250	100.0%	100.0%	284,250	

NOTE: Values for this characteristic have been imputed (i.e., for a missing characteristic, data for a person with similar characteristics is applied).

MARITAL STATUS — What is this person's marital status?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
Married	147,327	55.4%	56.4%	150,149	
Widowed	21,348	8.0%	8.2%	21,757	
Divorced	23,499	8.8%	9.0%	23,949	
Separated	8,830	3.3%	3 4%	8,999	
Never Married	59,992	22.6%	23.0%	61,142	
Missing	5,000	1.9%	Missing	_	
TOTAL	265,996	100.0%	100.0%	265,996	

NOTE: For residents 15 years of age and over.

HOW MUCH SCHOOL COMPLETED — How much school has this person completed?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
No School	1,074	0.4%	0.4%	1,116	
Less than 12th Grade	12,342	4.8%	5.0%	12,820	
12th Grade-No Diploma	13,887	5.4%	5.6%	14,424	
High School Diploma-GED	51,726	20.3%	21.1%	53,730	
Some College-No Degree	54,382	21.3%	22.1%	56,489	
Associates	31,018	12.2%	12.6%	32,220	
Bachelors	47,540	18.6%	19 4%	49,382	
Masters	25,290	9.9%	10.3%	26,270	
Professional School	4,318	1.7%	1.8%	4,485	
Doctorate	4,087	1.6%	1.7%	4,245	
Missing	9,517	3.8%	Missing	-	
TOTAL	255,181	100.0%	100 0%	255,181	

NOTE: For those residents 25 years of age and over.

CURRENTLY ENROLLED IN SCHOOL — Is this person currently enrolled in school?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
Yes, Full Time	8,099	3.0%	3.2%	8,603	
Yes, Part Time	15,282	5.7%	6.1%	16,234	
Not Currently	227,026	85.4%	90.7%	241,160	
Missing	15,590	5.9%	Missing	-	
TOTAL	265,997	100.0%	100.0%	265,997	

NOTE: For those residents 3 years of age and over.

SCHOOL SETTING — If this person is currently enrolled, what is the school setting?					
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
Public, Prince George's	4,188	1.6%	41.6%	110,625	
Public, Not Prince George's	1,471	0.6%	14.6%	38,856	
Private, Prince George's	173	0.1%	1.7%	4,570	
Private, Not Prince George's	885	0.3%	8.8%	23,377	
Home School	456	0.2%	4.5%	12,045	
Other	2,897	1.1%	28.7%	76,524	
Missing	255,927	96.2%	Missing	-	
TOTAL	265,997	100.0%	100.0%	265,997	

NOTE: For those residents 3 years of age and over.

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Prince George's	214,742	75.5%	79.2%	225,191
Maryland	14,413	5.1%	5.3%	15,114
District of Columbia	12,649	4.5%	4.7%	13,264
Virginia	3,505	1.2%	1.3%	3,676
Other	25,752	9.1%	9.5%	27,005
Missing	13,189	4.6%	Missing	
TOTAL	284,250	100.0%	100.0%	284,250

EMPLOYMENT STATUS — What is this person's primary employment status?						
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)		
Armed Forces	8,122	3.1%	3.1%	8,357		
Full Time	166,897	62.8%	64.6%	171,754		
Part Time	16,583	6.2%	6.4%	17,066		
Unemployed	11,843	4.5%	4.6%	12,188		
Not Employed/Retired	54,976	20.7%	21.3%	56,576		
Missing	7,520	2.7%	Missing	••		
TOTAL	265,941	100.0%	100.0%	265,941		

NOTE: For those residents 16 years of age and over.

EMPLOYMENT SECTOR — In what employment sector does this person work?						
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)		
Private, for Profit	25,519	9.6%	41.4%	110,172		
Private, Not for Profit	6,124	2.3%	9.9%	26,439		
Local Government	5,258	2.0%	8.5%	22,700		
State Government	2,839	1.1%	4.6%	12,257		
Federal Government	17,264	6.5%	28.0%	74,533		
Self-Employed	4,097	1.5%	6.7%	17,688		
Family Operation	499	0.2%	- 0.9%	2,153		
Missing	204,341	76.8%	Missing	-		
TOTAL	265,941	100.0%	100.0%	265,941		

NOTE: For those residents 16 years of age and over.

WORK LOCATION — For each employed person, what is their work location?							
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Tota			
Prince George's County	25,006	9.4%	39.4%	104,903			
Maryland	7,452	2.8%	11.8%	31,262			
District of Columbia	23,637	8 9%	37.3%	99,160			
Virginia	6,255	2.4%	9.9%	26,240			
Other	1,043	0.4%	1.6%	4,376			
Missing	202,548	76.1%	Missing				
TOTAL	265,941	100.0%	100.0%	265,941			

NOTE: For those residents 16 years of age and over.

LANGUAGE OTHER THAN ENGLISH SPOKEN — Does this person speak a language other than English at home?						
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)		
No	76,050	28.6%	92.8%	246,687		
Spanish	1,856	0.7%	2.3%	6,020		
French	595	0.2%	0.7%	1,930		
Asian	2,005	0.8%	2.4%	6,504		
Other	1,497	0.6%	1.8%	4,856		
Missing	183,994	69.1%	Missing	••		
TOTAL	265,997	100.0%	100.0%	265,997		

NOTE: For those residents 5 years of age and over.

HOW WELL IS ENGLISH SPOKEN — How well does this person speak English?							
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)			
Very Well	73,028	27.5%	91.4%	243,165			
Well	4,250	1.6%	5.3%	14,151			
Not Well	566	0.2%	0.7%	1,885			
Not At All	2,041	0.7%	2.6%	6,796			
Missing	186,112	70.0%	Missing	-			
TOTAL	265,997	100.0%	100.0%	265,997			

NOTE: For those residents 5 years of age and over who speak a language other than English at home

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
Paid Care in Home	524	0.2%	0.6%	1,816
Paid Care - Other Home	391	0.1%	0.5%	1,355
Paid Care - Center	394	0.1%	0.5%	1,365
Unpaid Care - No Paid Care Needed	1,216	0.4%	1.5%	4,214
Unpaid Care - Paid Care Needed	402	0.1%	0.5%	1,393
No Care Needed	79,099	27.8%	96.4%	274,107
Missing	202,224	71.3%	Missing	-
TOTAL	- 284,250	100.0%	100.0%	.284,250

DISABILITY — Does this person have a permanent disability that limits their work and/or self-care activities?							
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)			
No Disability	237,353	83.5%	90.8%	258,092			
Physical	19,357	6.8%	7.4%	21,048			
Mental	1,306	0.5%	0.5%	1,420			
Hearing	1,089	0 4%	0.4%	1,184			
Visual	787	0.3%	0.3%	856			
Other Disability	1,517	0.5%	0.6%	1,650			
Missing	22,841	8.0%	Missing				
TOTAL	284,250	100.0%	100.0%	284,250			

HEALTH STATUS — In general, how is this person's health?							
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total			
Excellent	41,526	14 6%	46.5%	132,263			
Very Good	25,773	9.1%	28.9%	82,088			
Good	14,613	5.1%	16.4%	46,543			
Fair	6,348	2.2%	7.1%	20,219			
Poor	985	0.3%	1.1%	3,137			
Missing	195,005	68.7%	Missing				
TOTAL	. 284,250	100.0%	100.0%	284,250			

SOURCE OF HEALTH CARE	— Where does I	his person r	nost often go f	or health care?	
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)	
Private Medical	117,670	41.4%	45.1%	128,117	
НМО	109,832	38.6%	42.1%	119,583	
Community Health Center	2,523	0.9%	1.0%	2,747	
Hospital Clinic	8,277	2.9%	3.2%	9,012	
Hospital Emergency Room	4,003	1.4%	1.5%	4,358	
Other	10,854	3.8%	4.2%	11,818	
Not Applicable	7,913	2 8%	3.0%	8,615	
Missing	23,178	8.2%	Missing	**	
TOTAL	284,250	100.0%	100.0%	284,250	

TRANSPORTATION TO HEALTH CARE — How does this person generally get to their health care provider?							
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)			
Private Vehicle	82,571	29.0%	93.2%	264,603			
Taxi	1,004	0.4%	1.1%	3,217			
Public Transport	3,219	1.1%	3.6%	10,315			
Private Associated Vehicle	472	0.2%	0.5%	1,513			
Walk	604	0.2%	0.7%	1,936			
Other	832	0.3%	0.9%	2,666			
Missing	195,548	68.8%	Missing				
TOTAL	284,250	100.0%	100 0%	284,250			

INSURANCE — What is this person's current health insurance coverage?							
	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)			
Uninsured	9,202	3.2%	3.7%	10,264			
Group	171,656	60 4%	67.3%	191,433			
Individual	26,396	9.3%	10.4%	29,437			
MEDICARE/CAID	23,750	8.4%	9.3%	26,486			
Military	13,593	4.8%	5.3%	15,159			
Other	10,286	3.6%	4.0%	11,471			
Missing 29,367		10.3%	Missing				
TOTAL	284,250	100 0%	100.0%	284,250			

NUMBER OF BABIES —

If this person is female, how many babies has she ever had? (Do not count stillbirths, stepchildren or children she has adopted)

	Frequency	Percent	Adjusted Percent	Adjusted Frequency (Adjusted Percent Applied to Total)
0	12,863	4.5%	30.9%	87,703
1	9,667	3.4%	23.3%	65,912
2	10,373	3 6%	24.9%	70,725
3	4,344	1.5%	10.4%	29,618
4	2,176	0.8%	5.2%	14,836
5	809	0.3%	1.9%	5,516
6	730	0.3%	1.8%	4,977
7	433	0.2%	1.0%	2,952
8	222	0.1%	0.5%	1,514
9	55	0.0%	0.1%	375
10	18	0.0%	0.0%	122
Missing	242,560	85.3%	Missing	
TOTAL	284,250	100.0%	100.0%	284,250

DOCUMENTATION

COMPILATION OF SAMPLING FRAME/ADDRESS FILE

Because there was not a single file which contained the full range of residential addresses in the County, a file was constructed from multiple components, specifically, residential properties with single-family style addresses (i.e., no unit or suite number) and residential properties with apartment style addresses. As the survey was concerned with household characteristics, nonresidential properties were eliminated from the address file. Similarly, group quarters' locations were not included in the universe of addresses from which the sample was drawn. The tenure (owner or renter occupied) was not a consideration in the development of the address file, but there were differences in processing due to the sources of information available. The individual components and the handling of specific property types are described below.

Non-condominium Properties with Single-Family Style Addresses

The Assessor/Treasurer File (A/T File) was the source of these listings. In the A/T File, all basic housing types (i.e., single-family, townhouse, apartment buildings) are represented. Individual records exist in the A/T File for each ownership. This would provide for individual records for condominium properties regardless of whether they used apartment or single-family style addresses. This also means that only one record would exist for apartment complexes if under a single ownership.

Extracts of non-condominium properties were prepared for each of the seven County Public Use Microdata Areas (PUMA) based on Tax Map and Grid designation. Undeveloped properties (i.e., properties with improvements valued at less than \$15,000) were excluded from the extracts. Because the listing included properties with a Tax Map and Grid which may have been split by a PUMA boundary, temporary staff (Viewtech Market Research, Inc.) were used to refine the listing of which properties should be included or excluded from the PUMA listing. The extract included the premise address, town or municipality, zip code, Tax Map and Grid, and census tract (where available).

Condominium Properties

Condominiums were extracted in a separate run from the A/T File. Condominiums were separated into two groups: those which had single-family style addresses and those which had apartment style addresses. To further ensure that condominiums which should be addressed as apartment style units were identified and processed separately, a count of the number of records for each unique address was developed. Any address which was associated with more than one record from the A/T File was deemed to have an apartment style address and processed with other residential complexes. Where properties with apartment style addresses were assigned a residential use code and were represented by a separate account number, extracts were prepared corresponding to each PUMA. This definition would apply primarily to residential condominiums held in individual ownership. Condominiums which had single-family style addresses were processed in the same manner as non-condominium properties with single-family style addresses. That is, using the Tax Map and Grid, the unit was initially assigned to a PUMA. If the Tax Map and Grid were split by a

PUMA boundary, the assignment was reviewed and revised as necessary to ensure that the unit was assigned to the correct PUMA.

Non-condominium Properties with Apartment Style Addresses

A listing from the U. S. Postal Service (post office listing) was used as the primary source of street addresses for units in complexes. From the Planning Department's Multifamily Projects File, apartment complexes were identified and the actual unit number culled from the post office listing. The post office listing was also used to fill in any apparent gaps in the Multifamily Projects File. The post office listing was converted to an electronic file using optical character recognition (OCR). The resulting file comprised approximately 123,497 records. This listing included the main building address as well as addresses for business units. Main building numbers were identified by a missing unit number and business units were identified by the word STE (suite) as part of the unit identifier. Both entries were eliminated from the file. Temporary staff used the Planning Department's premise address maps and Alexandria Drafting Company (ADC) maps to identify the PUMA associated with each address. The records reporting the main address of complexes were manually reviewed and assigned to census tract and PUMA. The post office listing identified each building as a separate main address although they may have been part of a larger residential complex. This process generally assumed that PUMA boundaries did not split buildings.

Trailer Properties

Conceptually, trailer parks appear similar to apartments in the Assessor/Treasurer File (i.e., a single record is associated with the land but without information on the residential unit it contains). While the listing obtained from the post office may have contained the unit number or addresses for the trailer park units, a separate effort was made to contact each trailer park operator and obtain a listing of the units/addresses within the park. Approximately 950 units were identified from this process. This information was added to the apartment style address file after removing any duplicate information.

Residential Units on Andrews Air Force Base Property

Officials at Andrews Air Force Base were contacted to obtain a complete list of residential units on base property. This listing, including both single-family style as well as apartment style addresses, was used to verify and correct the post office listing. All addresses obtained for Andrews Air Force Base were assigned to PUMA 7.

Nonresidential Properties

These properties were excluded from the listings developed from the Assessor/Treasurer file and were not included in the survey. Exclusion was based on the Assessor's Use Code. Nonresidential suites were included in the listing obtained from the post office. Such listings are identified by the use of the word STE (suite) rather than APT (apartment) to identify the unit. All units identified as such were excluded from further processing for the household survey.

Group Quarters

Because the survey focused on households, group quarters were not included. Group quarters include institutions such as mental hospitals, homes for the aged, prisons, dormitories and military barracks. In the 1990 census there were 16,463 persons reported living in group quarters in the

County. Known group quarters' locations were extracted and deleted from the address file for each PUMA. Those individuals permanently living in hotels and motels, as well as those living in structures for nonresidential uses (e.g., watchmen, custodians) were also excluded.

SAMPLE

The basic unit in the sample was the occupied housing unit. These units were stratified according to geographic area, specifically Public Use Microdata Areas (PUMAS). The universe of addresses from which the sample was drawn totaled 276,511. The elimination of duplicate addresses reduced the total number of records to 274,188. Of these, the number of records assigned to each PUMA was:

PUMA	1	2	3	4	5	6	7
Number of Records	52,997	35,159	39,989	43,046	33,965	45,126	23,906

The strategy was to extract a consistent percentage from each file with a target total sample of 7,000 records. The *Statistical Package for the Social Sciences (SPSS)* random selection routine was used separately on each file to extract the desired number of records. Overall, 2.53 percent of the records were to be selected based on the development of the universe of addresses developed. This equated to the following number of records per PUMA:

PUMA	1	2	3	4	5	6	7
Number of Records	1,342	869	1,012	1,086	863	1,156	671

The resulting sample rate (Countywide) was 2.55 percent. The sample rate by PUMA is given below:

PUMA	1	2	3	4	5	6	7
Sampling Rate	2.53%	2.47%	2.53%	2.52%	2.55%	2.56%	2.8%

SURVEY DESIGN

Suggestions for items to be included in the household survey were received from various County agencies and municipalities, as well as the U.S. Bureau of the Census. All suggested questions were reviewed by staff members in the Information Management Division. Three primary criteria were used for selecting questions for inclusion in the survey:

- The question was needed for updating demographic characteristics from the 1990 census
- The question addressed needs for factual information in areas of increased interest to the Planning Department and other County agencies (e.g., health care, disabilities, insurance, shopping, computer use)
- The question (and instructions) were unambiguously worded and concisely stated

The survey format was designed by Information Management Division staff in consort with National Computer System (NCS) staff, to increase readability, ease in scanning and reliability of results.

MAIL SURVEY

Questionnaires were mailed to a stratified random sample of 6,999 County households. The four-page booklet style survey with a cover letter (from Elizabeth Hewlett, Prince George's County Planning Board Chairman) and business-reply envelope were included in each packet (see Exhibit I: Survey Instrument and Cover Letter). Two weeks after the initial mailing, postcard reminders were sent to those County households that had not returned the original questionnaire (see Exhibit II: Postcard Reminder). Three weeks after the initial mailing, a follow-up cover letter, replacement questionnaire, and business-reply envelope were mailed to those who had not yet responded (see Exhibit III: Replacement Cover Letter). This mailing was stamped (in red) "IMPORTANT." All survey materials were mailed first class. After the final mailing, a letter was sent to nonrespondents reflecting the urgency of survey completion and noting that a telephone survey would be conducted of all nonrespondents (see Exhibit IV: Final Mailing Letter). All forms were addressed to "Prince George's County Resident." The name of the occupant was not included. The mailing address contained house number, street name, apartment number (in multifamily dwellings), and zip code, as well as a form identification number.

Publicity

To encourage participation and inform County residents about the survey effort, information was released to the press (e.g., local radio, television, newspapers) on an ongoing basis and display ads were placed in local and regional papers.

Spanish Language Assistance

Spanish language assistance regarding the questionnaire was provided by CASA of Maryland in coordination with Mr. Gustav Torres, Director. Notification of this assistance was printed on all mailed materials. Additionally, a Spanish-speaking interviewer was used on telephone follow-up calls requiring such assistance.

Confidentiality

In a confidential survey, the researcher is able to identify a given person's responses but essentially promises not to do so publicly¹. In this survey, confidentiality was explained to recipients in the cover letter, specifically,

Your answers are confidential. Your survey responses will be seen only by staff responsible for collecting and processing the surveys. Under no circumstances will your individual responses be shared with anyone. Your answers will be combined with information provided by others and will be released solely in summary form.

The following techniques were used to insure better performance on this guarantee.

1. A master list was created with each sampled dwelling unit address (without resident name) linked to a five-digit identification number. The first digit identified the Public Use Microdata Area (PUMA); the remaining four digits identified the household.

Dillman, Don A., Mail and Telephone Surveys: The Total Design Method, John Wiley & Sons, Inc., 1978.

- 2. Each survey form was marked with this five-digit identification number; no name or address was printed on the survey itself. This number permitted follow-up to nonrespondents (therefore enhancing response rate), as well as correction of missing or contradictory information.
- 3. The vendor prepared three address label sets to be used for the initial, postcard reminder and second mailings. Each label contained the dwelling unit address and five-digit identification number.
- 4. The vendor assembled packets for the initial and second mailing (i.e., the survey form, cover letter and #9 return envelope were folded and stuffed into a labeled #10 envelope), as well as adhered address labels to the postcards.
- 5. Once all items were prepared for mailing, the initial and second mailing packets and postcard reminders were returned to the Commission, as well as the address file.
- 6. The Commission assumed responsibility for all mailings.
- 7. All completed survey packets were returned by County residents to the Commission. These packets were then delivered *unopened* to the vendor for processing.
- 8. Packets were opened by the vendor. A listing of respondent identification numbers was compiled by the vendor and delivered to the Commission weekly. This list, in turn, was used to eliminate a second mailing or telephone follow-up to those who had already responded.
- 9. The vendor printed an additional serialized identification code on each form, as well as a code indicating the date of receipt. The additional serialized identification code allowed Commission staff to validate and clarify hard copy/data file discrepancies (without referring to the unique household identifiers). The date of receipt code allowed staff to perform analyses based on time of return, and to estimate nonresponse bias (Note: Research indicates that those who respond to subsequent mailings delaying their responses are characteristically less like immediate respondents; more similar to those that do not respond²).
- 10. Completed survey forms were scanned by the vendor. After initial data cleaning, the four-digit household code was eliminated from the data file; only the PUMA identifier and serialized identification code remained in the file when delivered to the Commission.

² Dillman, Don A., Mail and Telephone Surveys: The Total Design Method, John Wiley & Sons, Inc., 1978.

FOLLOW-UP TELEPHONE SURVEY

Following the mail survey, 4,095 County households had yet to respond. A determination was made to conduct a telephone interview to gather data on the characteristics of those households that did not respond to the mail survey, otherwise known as nonrespondent data. Most of the questions from the mail survey which pertained to the housing structure were included on the telephone survey, as were questions soliciting characteristics of the head of the household (see Exhibit V: Telephone Survey Instrument).

In order to follow-up on surveys which were not returned, identification of a residential unit phone number was needed. As a first step in this process, custom software was developed which allowed batch matching of sampled addresses from the survey sample files with addresses from the SelectPhone by ProCD electronic phone directory. Manual address matches using the Haines Cross-Reference Directory were attempted to provide the correct telephone numbers where the automated process failed. The manual match effort was limited to those addresses from which surveys had not yet been returned. This contrasts with the automated matching process which was applied to all addresses regardless of the survey return status. The addresses from the SelectPhone CD did not provide unit numbers for apartments in the great majority of cases. As a result, the initial match of apartment style addresses to telephone numbers was poor. While some additional phone numbers were found in the manual process, the Cross-Reference Directory similarly failed to provide unit numbers in the great majority of cases. Of the 4,095 nonrespondents to the mail survey, valid phone number matches were made for 2,702. Of these, 165 duplicate numbers were removed.

A market research firm was contracted to conduct telephone interviews with nonrespondents for which a telephone number had been determined. These interviews were conducted over a two-week period (including evening, holiday [President's Day] and weekend hours). There were 2,537 households to be surveyed; of these, 1,273 households did not answer (after 3 or more repeated attempts) or the call did not go through. Contact was subsequently made (i.e., completed survey or refusal) with 50 percent of the remaining households.

RESPONSE RATES

Responses were tracked throughout the survey process, Countywide and by PUMA (1996 Household Survey Tracking table, page 44). The total survey response rate was 74.4 percent. This rate was calculated as the sum of completed mail and phone surveys divided by usable mail surveys (i.e., the total sample less inappropriate, ineligible, undeliverable and unreachable households), less the sum of households with unmatched phone numbers, duplicate numbers and those that were unreachable.

The response to the survey was adequate, well within the acceptable range for such efforts, and permitted generalization to the County level, as well as to subareas of the County. The number of responses per PUMA was sufficient to allow description at this geographic level with a moderate to high degree of reliability. Aggregation of data from two or more PUMAs (e.g., Inner Beltway—PUMA 1-3 and 6), however, would increase the reliability.

A 100 percent return rate is the goal of any survey. The response rate for this study, however, was well within the range of reliability for community surveys of this nature. All weighting was done in accordance with processes delineated/utilized by the Census Bureau. Despite care in the sampling and weighting procedures, however, certain population groups may be under-represented in the final results.

1996 HOUSEHOLD SURVEY — TRACKING (Response rates are based on completed surveys ONLY) 4/22/99								
	PUMA 1	PUMA 2	PUMA 3	PUMA 4	PUMA 5	PUMA 6	PUMA 7	TOTAL
TOTAL	1,342	869	1,012	1,086	863	1,156	671	6,999
Inappropriate Household (not in PG, business)	11	5	3	8	Ė			45
Undeliverable (vacant, wrong address)	134	96		Ť	54	154	44	744
USABLE MAIL SURVEYS*	1,197	768	851	974	804	994	622	6,210
Completed Mail Surveys	352	246	237	389	316	303	240	2,083
Refusals/Unable to Complete Late receipt	5	5				6	3	32
MAIL SURVEY RESPONSE RATE**	29.4%	32.0%	27.8%	39.9%	39.3%	30.5%	38.6%	33.5%
NONRESPONDENTSTO BE TELEPHONED	840	517						
Non-apartments Matched								1,514
Non-apartments Matched (less inappropriates)	301	158	198	202	263	185	163	1,470
Non-apartments - Unmatched							į	1,316
Non-apartments Unmatched (less inappropriates)	218	103	221	101	209	161	146	1,159
Apartments - Matched								1,943
Apartments Matched (less inappropriates)	250	218	152	252	7	305	48	1,232
Apartments – Unmatched	7 5	39	39	25	7	35	23	243
Apartments Unmatched (less inappropriates)	71	38	38	24	7	34	22	234
MATCHED TELEPHONE NUMBERS	551	376	350	454	270	490	211	2,702
Duplicate Phone Numbers	54	60	1	12	0	32	6	165
No answer-unable to contact	245	148	154	248	108	285	76	1,264
USABLE TELEPHONE FOLLOW-UPS	252	168	195	194	162	173	129	1,273
Refusals	27	25	30	2 5	21	44	24	196
Completed Telephone Follow-ups	78	58	69	74	51	71	35	436
Not called	147	85	96	95	90	58	70	641
TELEPHONE SURVEY RESPONSE RATE***	31.0%	34.5%	35.4%	38.1%	31.5%	41.0%	27.1%	34.2%
TOTAL SURVEY RESPONSE RATE	70.6%	72.6%			76.5%	77.6%	73.9%	74.4%

Usable Surveys = (Total Sample) - (Inappropriate or Ineligible + Undeliverable or Unreachable)
 Response Rate = Completed Surveys/Usable Surveys
 Total Survey Response Rate = Completed Mail and Phone Surveys/Usable Mail Surveys - (Unmatched Phone Numbers + Duplicate Numbers + Unreachables)

DATA ENTRY

All mail survey responses were scanned by NCS and ASCII formatted. Temporary data entry assistants were contracted to manually enter open-ended responses from the mail survey, as well as all telephone survey data. This data was entered into *MS Access*, a database program. Scanned and manually entered data were merged, enabling manipulation and statistical analysis using the *Statistical Package for the Social Sciences (SPSS)*.

WEIGHTING

Results of the 1996 Household Survey were weighted to represent the County's population using population and housing data sources normally available in noncensus years. Housing completions for both single-family and multifamily units are regularly monitored. This enables maintenance of current occupied housing unit estimates. Housing units responding to the survey were compared to the number of occupied housing units by type in January 1997 and were weighted to reflect the overall counts. Thus weighted, the sample results reflect the population and housing characteristics of the entire County.

The process of weighting respondents in this study followed the method of iterative proportional fitting or scaling. Demographers have employed this procedure to address the problems involved in weighting or controlling for several characteristics; there is often difficulty in that the adjustment process on one dimension (or for one characteristic) may disrupt or influence the balance on another dimension. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete count figures for the population and housing unit groups used in calculating the weighting/ratios.

The iterative proportional fitting procedure results in the assignment of a weight to each sample person or housing unit record. For any given tabulation, a characteristic total is estimated by summing the weights assigned to the persons or housing units possessing the characteristic in the tabulation. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value six, all characteristics of that person or housing unit would be tabulated with the weight of six. The estimation procedure, however, did assign weights varying from person to person and housing unit to housing unit. The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." For purposes of this study, weighting areas were the seven Prince George's County Public Use Microdata Areas (PUMAs).

In the tables included in this report, minor discrepancies in totals may have occurred as a result of weighting the sample to the various "universes." These do not mitigate the relationships shown in the tables, many of which are depicted as percentages rather than absolute numbers.

Household Weighting

Within a weighting area, the ratio estimation procedure for households was performed in two stages. The first stage accounted for nonrespondent bias, the second weighting to the total number of households estimated in the County by PUMA and structure type.

Stage I.

Phone respondents differed from mail survey respondents on certain household characteristics (e.g., monthly rent, housing type, tenure, year moved in) and person characteristics (e.g., employment status, disability, sex, race, Hispanic origin). Researchers have consistently found that follow-up respondents (those responding to subsequent waves in mail survey research, or to a certified mailing or phone interview)

differ significantly from early respondents. As well, these late responders are characteristically indicative of nonrespondents and refusals.

Of the 6,999 sampled households, 2,083 mail surveys were completed, 789 were returned as inappropriate/undeliverable, 32 individuals refused or were unable to complete the survey. This left 4,095 households failing to respond to the mail survey. To account for the aforementioned differences between early responders, late responders, and those failing to respond, an initial weighting of phone respondents by PUMA to the "universe" of mail nonrespondents (4,095) by PUMA was applied. After this weighting, the total number of respondent households was 6,178 (which together with the 789 inappropriate and 32 refusals account for all sampled households).

Stage II.

Following this initial weighting of households to account for characteristics of nonrespondents, a second weighting of all households to the universe of County households (284,251) — in-house estimates as of January 1997 — was applied (by structure type and PUMA). Specifically:

- A. The number of weighted units per PUMA and structure type was broken down into the number (and percent) of mail survey respondents and the number (and percent) of weighted phone survey respondents.
- B. These percentages were then applied to the total number of households per PUMA (January 1997 counts) resulting in a breakdown of total households by type of respondent.
- C. A weight was determined for each PUMA x structure type x respondent type; specifically, the total number of households per PUMA broken down by type of respondent was divided by the number of initially weighted mail or phone survey respondents. This was done so that the application of initial and secondary weighting resulted in the total number of households (January 1997 count).
- D. The initial weight (PTOTWGT) assigned to each household was then multiplied by this stage II ratio to produce an adjusted weight.

Person Weighting

The ratio estimation procedure for persons was performed in two stages. The household weight was initially applied to each person record. Secondly, a weight was assigned to each person record so that the application of primary and secondary weighting resulted in the total number of persons (January 1997 count).

Stage I.

This stage involved an initial weighting of persons on the basis of household characteristics. The procedure for derivation of these weights is described in the previous section on *Household Weighting*.

Stage II.

A second weighting of all respondents to the County household population (759,804) — in-house estimates as of January 1997 — was applied by structure type and PUMA. Specifically:

- A. The number of weighted respondents (weighted on the basis of household characteristics) [HWGT] was broken down into mail and phone survey respondents by PUMA and structure type. As well, the percent that each subgroup represented of the total number of weighted persons (445,360) was calculated.
- B. These percentages were then applied to the total County population (759,804, based on January 1997 counts), resulting in a proportion of persons per subgroup.
- C. A weight was determined for each PUMA x structure type x respondent type; specifically, the total number of persons per subgroup (based on the proportion of County population) (PTOTWGT) was divided by the number of initial household-weighted persons in the subgroup.
- D. This weight was, in turn, multiplied by the household weight (HWGT) resulting in a single adjusted person weight (PWGT). The application of this final weight (PWGT) to all unweighted respondents resulted in the County population total for January 1997.

ERROR

Sampling Error

There is a distinction between a complete census count and a sample survey. The former is a total enumeration of the population, whereas a sample survey uses representative cases from the total population and generalizes about the remainder of that population. With any sampling procedure, there is the potential for sampling error.

It is possible for some households or persons to be missed entirely by a census. This under coverage of persons and housing units can introduce bias into the data. Efforts were implemented during the development of the address list to minimize potential under coverage of the population and housing units (see Compilation of Sampling Frame/Address File). No effort was made, however, to cover unique population groups, such as the homeless and parolees/probationers. Additionally, a stratified random sample was selected.

Nonsampling Error

Sample data are also subject to nonsampling error. This error can introduce serious bias, dramatically increasing that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error, some controls were put in place during the collection and processing of data in this survey effort.

The person answering the questionnaire or responding to the questions posed could serve as a source of error. In this survey effort, questions were phrased as clearly as possible and detailed instructions for completing the questionnaire were given. The survey form was pre-tested and clarification was made to questions and instructions prior to administration to the sample. In phone surveys, an interviewer may misinterpret or otherwise incorrectly record information given by a respondent, may fail to collect some of the information for a person or household, or may collect data for households that were not part of the sample. Questions on the telephone survey were limited to those which could be asked and answered clearly and concisely. A form for each call was provided with limited response categories delineated for each question (soliciting specific answers), as was a complete list of phone numbers, in efforts to eliminate unnecessary calls.

Each step involved in data processing (e.g., scanning, manual data entry, electronic data manipulation and cleaning) also represents a potential source of nonsampling error. A series of quality control checks were incorporated into the scanning of forms, coding and manual input of data operations to ensure greater accuracy.

Nonresponse to particular survey questions may introduce bias into the data, since the characteristics of nonrespondents may differ from those reported by respondents. The procedure followed by the Census Bureau to address this potential bias is to impute information (i.e., for missing characteristic, data for a person or housing unit with similar characteristics is applied). Such was the process employed in this survey effort. To calculate *per capita* income, there was a need to sum income for the entire population aged 15 and over. As many individuals chose not to provide this information, incomes were applied to records with missing values on the basis of those reported by persons with similar characteristics.

Age, like income, was a sensitive variable left missing by many respondents. Additionally, during the phone survey, only the householder age was requested. Subsequent weighting of households and persons would therefore have inappropriately inflated the median age; in essence, the age of the householder would have been applied to all household members. To eliminate the potential error, age was recoded as missing for phone survey respondents. Age was therefore imputed on the basis of relationship to the householder and education level.

For phone survey respondents, marital status, education level, and school enrollment were also recoded as missing. These were considered to be variables for which variation among persons in a household would be expected, unlike the variables Hispanic origin, health care provider, or where the individual lived in 1990.

This section has qualified the many potential sources of error inherent in a sample survey of this type (both during the conduct and analysis of results). Given a specific sample survey result (e.g., age of residents), a statistical estimate can be derived. This estimate is expressed as the range in which the true answer for the total population will occur. The degree of confidence one may place in a given range can also be statistically determined.

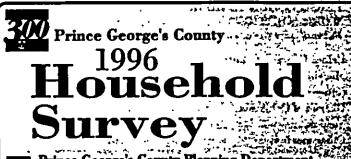
The size of a confidence range around a sample survey finding is dependent upon three factors: the number of respondents, the variation of responses around a result, and the degree of confidence desired. For this survey, a 95 percent confidence level was regarded as sufficient. This means that the researcher was willing to risk being wrong .05 of the time. For any given variable, the variation of responses can be computed as a standard deviation. All of the numbers reported in this publication are "point estimators." They represent the mid-point of the error range for a particular variable. For purposes of survey analyses, ranges of error (confidence intervals) have been determined using a binomial approximation of the distributions. [NOTE: Distributions which have only two possible answers are called binomials, and every variable can be expressed as meeting or not meeting a certain criterion (yes-no)].

The confidence interval for all population variables, with the exclusion of school setting, was within ±2 percent. School setting, a variable restricted in audience to those 3 years of age and over who were currently enrolled in school, had a slightly higher range of error (±3 percent) [due to the smaller number of respondents]. For household variables, the range of error was as high as ±4 percent for the variable monthly rent, but all other characteristics were well within the ±2 percent confidence interval.

EXHIBITS

- I. Survey Instrument and Cover Letter
 II. Postcard Reminder
 III. Replacement Cover Letter
 IV. Final Mailing Letter
 V. Telephone Survey Instrument

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Prince George's County Planning Department The Maryland-National Capital Park & Planning Commission

MARKING INSTRUCTIONS

- Use black or blue pen or a number 2 pencil.
- Make dark marks that fill the oval completely.
- Do not use pens with ink that soaks through the paper.
- Make no stray marks.

INCORRECT MARKS

CORRECT MARK

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Section 1

son living in your household. Place the first name or initials of e households, either spouse or partner may be listed as the mpletely, filling in the column corresponding to each resident.

Person 5: __

ver	y household member in the s	formation describing each per pace provided below. In coupl Please answer all questions con
Per	rson 1:	Person 3:
Per	rson 2:	Person 4:
DAI	ART in this column with the bone the house is owned or renter adult household member.	
	HOW IS THIS PERSON RELATED TO PERSON 1? Fill one oval for persons 2-7 (if appropriate)	
,	Natural-born or adopted son/da Stepson/stepdaughter Father/mother Grandchild Roomer, boarder or foster child Housemate or roommate Unmarried partner Other relative Other nonrelative	ughter (春) 第 (春)
	WHAT IS THIS PERSON'S SE Fill one oval for each person Male Female	X? Тэвгвт тэвгвт
	WHAT IS THIS PERSON'S RAETHNIC BACKGROUND? Fill one oval for each person White Black or African American Asian or Pacific Islander American Indian, Eskimo, Aleut Other	1 2 2 4 5 6 7 1 7 3 3 5 6 6 7 1 7 3 3 5 6 7
	IS THIS PERSON OF SPANISH/HISPANIC ORIGIN! Fill one oval for each person No Yes	<u>1</u> ,2

5. WHAT IS THIS PI		Enter each p	
Person 2:		-	
Person 3:	Person 5:		Person 7:

6. WHAT IS THIS PERSON'S **MARITAL STATUS?** Fill one oval for each person

Person 6: _____

	4 4 4 4 7 7 7 7
Now married	TTTTTT
Widowed	ወ ወ ወ ወ ወ ወ ወ
Divorced	ው መመው መመመ
Separated	ውውውውውውው ተ
Never married	T T T T T T T

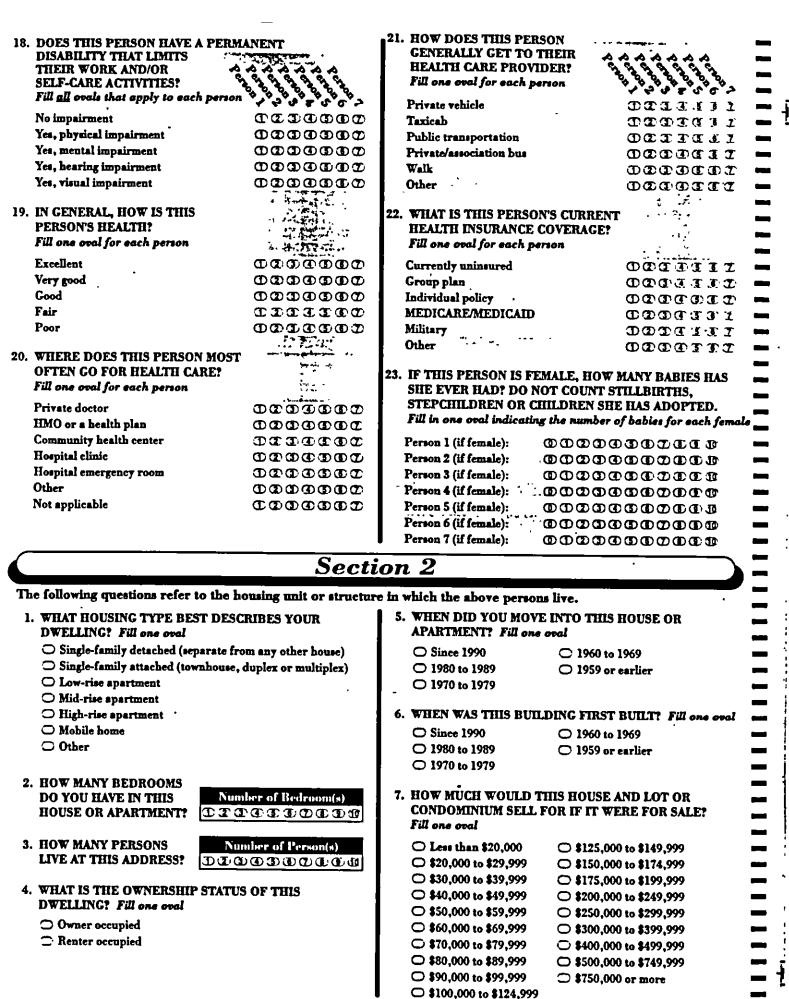
7. HOW MUCH SCHOOL HAS THIS PERSON COMPLETED? Fill one oval for the highest level COMPLETED or degree RECEIVED for each person. If currently enrolled,

Doctorate degree

mark the previous grade attended or	. •
highest degree received.	•
Never attended school	33333337
Nursery school	TOTOTOTO
Kindergarten	DILLECT
let-4th grade	OTTOUT
5th-8th grade	D D D D D D D D D
9th grade	TAT T T T T T
10th grade	T T T T T T T T T T T T T T T T T T T
11th grade	\mathbf{A} and \mathbf{A} and \mathbf{A}
12th grade, no diploma	T C C L L L L C L C L C L C L C L C L C
High school diploms or equivalent	
(e.g., GED)	Date 33 02
Some college, no degree	LEDVECEL
Associate degree	1344
Bachelor's degree	3333312
Master's degree	T 2 T 4 L F 2
Professional school degree	TARAGET

14 13 17

_ 8	. IS THIS PERSON CURRENTLY	A A A A A	13. FOR EACH EMPLOYED	
	ENROLLED IN SCHOOL?	૱ૡ૿ૺ૱૿ૺ૱૽ૢ૾૱૽ૢ૾૱૽૽ૺૡ૽૽ૺ૱૽૽ૺ૱૽૽ૺૺૺૺૺૺૺૺૺ૾૽૱૽૽ૺૺૺૺૺૺૺૺૺૺ	PERSON, WHAT IS THEIR	•••
_	Fill one oval for each person	8 8 8 8 8 8 8	WORK LOCATION?	<i>ન્</i> ત્રુત્સ્ત્રુત્
_			Fill one oval for each person	
-	Yes, full-time	1 1 2 3 3 3 3 3	z in one bout for each person	
	Yes, part-time	TETTTETT	Prince George's County	1334867
	Not currently enrolled	1333417	Maryland	
-		•	(other than Prince George's County) DIII 3 3 3 7
- 9	. IF THIS PERSON IS CURRENTLY	•	District of Columbia	IJIJITY
-	ENROLLED, WHAT IS THE SCHOOL	L	Virginia	1333377
,	SETTING?		Other location	1333377
~	Fill one oval for each person		Omer tocation	733737
>	Public school/college		Zip code of work location for each	employed person
 s				-
	(in Prince George's County)	TAXET FO	Person 1 I	Person 5
	Public school/college		D	
	(outside of Prince George's County)	正常等人表色工	Person 2 F	erson 6
-	Private or parochial school/college		Person 3 I	erson 7
	(in Prince George's County)	1111111		
	Private or parochial school/college		Person 4	•
-	(outside of Prince George's County)	X337731		
-	Home schooling	TILITII	14. HOW MUCH INCOME DID THIS	PERSON RECEIVE IN
*	Other	D111111	1995 FROM <i>ALL SOURCES</i> (SAI	ARIES, WAGES, RUSINESS
-			INTEREST, RETIREMENT) BEF	ORE TAXES AND
1 0.	WHERE DID THIS PERSON LIVE IN	,	DEDUCTIONS?	
	APRIL 1990?	•	1	
_	Fill one oval for each person		Person 1 \$ P	erson 5 <u>\$</u>
•	- • • • • • • • • • • • • • • • • • • •			
	Prince George's County	LEREERL	Person 2 . \$ P	erson 6 <u>\$</u>
	Maryland		Person 3 _\$ P	erson 7 \$
	(other than Prince George's County)	TITIET		
	District of Columbia	1 I I I I I I	Person 4 3	
P	Virginia	DAGE CLAY		
•	Other location	IZIDILC	15. DOES THIS PERSON SPEAK	•
_	D 4 4 0 0000			· p. granten der e. a.
•	Born after April 1990	T 3 3 4 4 4 3	A LANGUAGE UTHER THAN	
•	Born after April 1990	1233562	A LANGUAGE OTHER THAN ENGLISH AT HOME?	44444444
• • • 11.	•	•	ENGLISH AT HOME?	To a
• • 11.	WHAT IS THIS PERSON'S PRIMARY	•	ENGLISH AT HOME? Fill one oval for each person	Caraca Ca
• • 11. •	WHAT IS THIS PERSON'S PRIMARY EMPLOYMENT STATUS?	•	ENGLISH AT HOME? Fill one oval for each person No	COOTOTO
• • 11. •	WHAT IS THIS PERSON'S PRIMARY EMPLOYMENT STATUS? Fill one coal for each person		ENGLISH AT HOME? Fill one oval for each person	· •
11.	WHAT IS THIS PERSON'S PRIMARY EMPLOYMENT STATUS? Fill one coal for each person Armed forces	•	ENGLISH AT HOME? Fill one oval for each person No	@@@&&
) 	WHAT IS THIS PERSON'S PRIMARY EMPLOYMENT STATUS? Fill one coal for each person Armed forces Employed full-time	TLITIT	ENGLISH AT HOME? Fill one oval for each person No Yes,	TETETT TETETT
) 	WHAT IS THIS PERSON'S PRIMARY EMPLOYMENT STATUS? Fill one coal for each person Armed forces		ENGLISH AT HOME? Fill one oval for each person No Yes, Spanish	COCCES COCCES COCCES
	WHAT IS THIS PERSON'S PRIMARY EMPLOYMENT STATUS? Fill one coal for each person Armed forces Employed full-time	TLITIT	ENGLISH AT HOME? Fill one oval for each person No Yes, Spanish French Asian or Pacific Island	OOOTIDD OIIIII IIOIIII OIIIII
	WHAT IS THIS PERSON'S PRIMARY EMPLOYMENT STATUS? Fill one oval for each person Armed forces Employed full-time (35 hours or more per week) Employed part-time	TRIEFIC TRIEFIC	ENGLISH AT HOME? Fill one oval for each person No Yes, Spanish French	COCCES COCCES COCCES
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12.	WHAT IS THIS PERSON'S PRIMARY EMPLOYMENT STATUS? Fill one oval for each person Armed forces Employed full-time (35 hours or more per week) Employed part-time (less than 35 hours per week) Unemployed, but seeking work Not employed and not seeking work, or retired IS THIS PERSON: An employee of a private for-profit company or business An employee of a private not-for-profit organization A local government employee A State government employee Self-employed Working without pay in a family	TREET	ENGLISH AT HOME? Fill one oval for each person No Yes, Spanish French Asian or Pacific Island Other 16. HOW WELL DOES THIS PERSON SPEAK ENGLISH? Fill one oval for each person Very well Well Not well Not at all 17. WHAT ARE THE FULL OR PART— DAY CARE NEEDS OF THIS PERSON (REGARDLESS OF AGE)? Fill one oval for each person Paid care provided in the home Paid care provided in another home	DDDGGDD DDGGGDD DDGGGDD DDGGGGGGC DDGGGGGGGC DDGGGGGGGC N 11114567 TTGGGGGGC
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12.	WHAT IS THIS PERSON'S PRIMARY EMPLOYMENT STATUS? Fill one oval for each person Armed forces Employed full-time (35 hours or more per week) Employed part-time (less than 35 hours per week) Unemployed, but seeking work Not employed and not seeking work, or retired IS THIS PERSON: An employee of a private for-profit company or business An employee of a private not-for-profit organization A local government employee A State government employee Self-employed Working without pay in a family	TREET	ENGLISH AT HOME? Fill one oval for each person No Yes, Spanish French Asian or Pacific Island Other 16. HOW WELL DOES THIS PERSO SPEAK ENGLISH? Fill one oval for each person Very well Well Not well Not at all 17. WHAT ARE THE FULL OR PART: DAY CARE NEEDS OF THIS PERS (REGARDLESS OF AGE)? Fill one oval for each person Paid care provided in the home Paid care provided at a day care cen Unpaid care provided; paid care not needed Unpaid care provided;	DDDGGDD DDGGGDD DDGGGGDD DDGGGGGGG DDGGGGGG



DWELLING BY MEMBERS OF THE I Less than \$100	HONE IN THIS
○ \$150 to \$199	HONE IN THIS
○ \$200 to \$249	
○ \$300 to \$349	
☐ \$350 to \$399 ☐ \$1,100 to \$1,199 ☐ Yes, with a listed phone number	
○ \$400 to \$449	
○ \$450 to \$499	
○ \$500 to \$549	
○ \$550 to \$649	ERS OF THIS
○ \$650 to \$699 HOUSEHOLD?	
9. WHAT WAS THE TOTAL 1995 INCOME FOR THIS HOUSEHOLD? Fill the one oval which best corresponds	
4.4.27007 . 4 . 4	
to the total 1995 pre-tax income of <u>all</u> persons in this household (family members and others). Include income 13. HOW MANY PERSONAL COMPUTER USED IN THIS DWELLING?	S AND MODEMS ARE
from all sources	
Number of Computer(s) ○ Less than \$5,000 ○ \$60,000 to \$64,999	
□ \$5,000 to \$9,999 □ \$65,000 to \$69,999	
○ \$10,000 to \$14,999	
〇 \$15,000 to \$19,999	
○ \$20,000 to \$24,999 ○ \$80,000 to \$89,999	
○ \$25,000 to \$29,999	ISEHOLD HAVE A
○ \$30,000 to \$34,999	MAL LIBRARY
\$35,000 to \$39,999 \$125,000 to \$149,999 SYSTEM CARD?	
○ \$40,000 to \$44,999	
〇 \$45,000 to \$49,999 \$175,000 to \$199,999	•
○ \$50,000 to \$54,999	•
□ \$55,000 to \$59,999 □ \$250,000 and above	
15. HOW OFTEN DO YOU SHOP FOR CONSUMER GOODS IN THE FOLLOWING AREAS? Prince George's Other Maryland Counties Washington D.C. Virginia County	
Food/Groceries	
O Never O Never O Never O Never	
O Always O Always O Always : O Alw	
Restaurants	• 1 • 1
O Never O Never O Never O Never	
O Always O Always O Always O Always	

Clothing ○ Sometimes ○ Sometimes ○ Sometimes ○ Sometimes ○ Sometimes O Never O Never O Never O Never O Never O Always O Always O Always O Always O Alwaya Other Purchases C Sometimes O Sometimes ○ Sometimes O Sometimes O Sometimes O Never O Never O Never O Never O Never

> Thank you for taking the time to complete this survey. Please return it in the enclosed postage-paid envelope.



14741 Governor Oden Bowie Drive Upper Mariboro, Maryland 20772 TDD: [301] 952-3796

(301) 952-3561

September 1996

Dear Prince George's County Resident:

WE NEED YOUR INPUT! Please take a few minutes to complete this survey so that the Prince George's County Government can serve you better. The information you provide will help plan for today and the future, in areas such as schools, housing, employment, transportation, parks and recreation, and other public services. It has been nearly six years since the U.S. Census Bureau conducted their decennial household survey. Your answers will give us the up-to-date population information we need to help target resources most effectively in this 300th anniversary year of Prince George's County.

Your household is one of only a small number that have been randomly selected to represent County residents. Because of this, your cooperation in completing the survey is crucial to obtaining accurate results.

Your answers are confidential. Your survey responses will be seen only by staff responsible for collecting and processing the surveys. Under no circumstances will your individual responses be shared with anyone. Your answers will be combined with information provided by others and will be released solely in summary form.

Please answer all questions on the survey as accurately as possible and return the form to us within seven days. A postage-paid envelope has been provided. Your prompt reply will help save time and expense by eliminating the need for follow-up contacts.

If you need help or have a question about the survey, please call (301) 952-3918 any weekday between 8:30 a.m. and 4:30 p.m. A member of the Research staff will be glad to assist you. If you need Spanish language assistance to complete this form, please call CASA of Maryland at (301) 270-0442 weekdays, 9:00 a.m. to 4:00 p.m.

Thank you very much for your cooperation in this important project.

Sincerely,

Elizabeth M. Hewlett

Chairman

Nota para personas que hablan español:

Si necesite ayuda en completar este questionario, háganos el favor de llamarnos al (301) 270-0442 (CASA de Maryland) los lunes hasta los viernes, 9:00 - 4:00.

II. Postcard Reminder

Household
Survey
Prince George's County Planning Department
The Maryland-National Capital Park & Planning Commission

Prince George's County

Dear Prince George's County Resident:

Last week a questionnaire was sent to you asking for information describing your household. If you have already completed and returned the questionnaire, please accept our sincere thanks. If not, please take a moment to do so now. Your response is key to effectively planning for the future of Prince George's Count.

Again, you were part of a random sample of County residents selected to participate in this study; your input is therefore *extremely* important. The information you provide is strictly confidential. If you need assistance, please call (301) 952-3918.

Thank you for your help and cooperation with this study.

III. Replacement Cover Letter

THE MARYLAN

MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

14741 Governor Oden Bowie Drive Upper Marlboro, Maryland 20772

TDD: (301) 952-3796

Prince George's County Planning Board Office of the Chairman

(301) 952-3561

October 1996

Dear Prince George's County Resident:

About three weeks ago, a questionnaire was sent to you asking for information about your household. This information is essential for the Prince George's County Government to plan effectively for the future in areas such as schools, housing, roads, and other public services. As of today, we have not yet received your completed questionnaire.

Each response is extremely important to this project. Your household is one of only a small number that were randomly selected to represent County residents. In order for the results of this survey to truly represent all County residents, it is crucial that every questionnaire be completed. The information you provide is strictly confidential.

A replacement questionnaire is enclosed, in case you did not receive or have misplaced the one previously sent. Please take a few minutes to complete the survey. If you need help or have a question about the survey, please call (301) 952-3918 any weekday between 8:30 a.m. and 4:30 p.m. A member of the Research staff will be glad to assist you. If you need Spanish language assistance to complete this form, please call CASA of Maryland at (301) 270-0442 weekdays, 9:00 a.m. to 4:00 p.m.

Your cooperation is greatly appreciated.

Sincerely.

Elizabeth M. Hewlett

Chairman

Nota para personas que hablan español:

Si necesite ayuda en completar este questionario, háganos el favor de llamarnos al (301) 270-0442 (CASA de Maryland) los lunes hasta los viernes, 9:00 - 4:00.

IV. Final Mailing Letter



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

14741 Governor Oden Bowie Drive Upper Marlboro, Maryland 20772 TTY: [301] 952-3796

January 1997

Dear Prince George's County Resident:

During the past few months, a questionnaire was sent to you asking for information about your household. As of today, we have not yet received your completed questionnaire. If you have recently responded, THANK YOU! This information is very important for the Prince George's County Government to plan effectively for the future in areas such as schools, housing, roads, and other public services. If we haven't heard from you yet, it's not too late to participate!

YOUR response is extremely important to this project. Your household is one of only a small number that were randomly selected to represent all County residents. The information you provide is strictly confidential.

Telephone follow-ups will be made within the next few weeks to many County residents who have not responded. When the interviewer calls, they will ask to speak with an adult member of your family (preferably one in whose name the residence is owned or rented). The interview should take no more than 15 minutes. If by chance you are called at an inconvenient time, please tell the interviewer and they will be happy to call at a later time.

If you have the survey which was mailed to your residence, please take a few minutes to complete it. If you did not receive the survey or require a replacement, or if you have any questions about the survey, please call (301) 952-3918 any weekday between 8:30 a.m. and 4:30 p.m. A member of the Research staff will be glad to assist you. If you need Spanish language assistance to complete this form, please call CASA of Maryland at (301) 270-0442 weekdays, 9:00 a.m. to 4:00 p.m.

Your cooperation is greatly appreciated.

Sincerely,

Bluation M. Sember

Chairman

V. Telephone Survey Instrument

SCRIPT

Hello.	Am I speaking with a resident of	(address)?	
	If NOI am sorry. I must have the wro	ong number.	
•	If YES My name isare conducting a survey of County hou selected to participate in this survey.	and I am calling for the Prince George's County Planning Department. We scholds to help improve County services. Your household was randomly	ic
Are ye	ou the head of the household?		
	If NOMay I speak to the head of the If NOWhen would be a conv	household or can you speak for the head of the household? renient time to talk to the head of the household?	
	Date	y. Time	
	If YESMy name is	and I am calling for the Prince George's County Planning rey of County households to help improve County services. Your urticipate in this survey.	
Have	you received a survey from us in the mail	in the last couple of months?	
	If YESDid you complete the survey a If YESThank you very much	and send it back to us? I for your time. Have a Good Day!	
	If NOWe would appreciate y more than 10 minutes of your	rour help in answering a few questions. They should take no time.	
•	I want to add, that I'd be glad will direct you to someone who	to answer any questions you might have about the survey (or o can answer your questions). Okay?	
	If NOThank you for	your time.	
	If YESProceed with	the survey.	

In some cases, I'll read a variety of categories. Let me know when I state the correct response.

Phone	: #:	Date:	1st Contact
Addre	·ss:	Start Time:	2nd Contact
Seq. #	:	End Time:	
PUM	PUMA #: Interviewer:		Comments: times, call backs, busy, etc.)
		(Dates,	times, call backs, busy, etc.)
+	1. How many PERSONS live in the	nis household?	person(s)
+	2. How would you describe the	HOUSEHOLD STRUCTURE?	O Married-couple O Single parent - Mother O Single parent - Father O Other relatives O Housemates or roommates O Unmarried partners O Single person - Female O Single person - Male O Other nonrelative
	The following questions are about	ut the head of this household.	
+	3. What is this person's SEX?		☐ Male ☐ Female
+	4. What is this person's RACE?		☐ White ☐ Black or African American ☐ Asian or Pacific Islander ☐ American Indian, Eskimo, Aleut ☐ Other
+	5. Is this person of HISPANIC OR	IGIN?	□ No □ Yes
•	6. What is this person's AGE?		Years
+	7. What is this person's MARITA	L STATUS?	☐ Now married☐ Widowed☐ Divorced☐ Separated☐ Never married☐ Never
+	8. What is the highest LEVEL OF person?	EDUCATION attained by this	☐ Never attended school ☐ Less than 12th grade ☐ 12th grade, no diploma ☐ High school diploma or equivalent (e.g., GED) ☐ Some college, no degree ☐ Associate degree ☐ Bachelor's degree ☐ Master's degree ☐ Professional school degree ☐ Doctorate degree ☐ Doctorate degree
	9. Is this person currently ENRO	LLED IN SCHOOL?	D NO DPT DFT
	10. Where did this person LIVE II		Prince George's County Maryland (other than Prince George's County) District of Columbia Virginia Other location
	11. What is this person's PRIMARY EMPLOYMENT STATUS?		☐ Armed forces ☐ Employed full-time (35 hours or more per week) ☐ Employed part-time (less than 35 hours per week) ☐ Unemployed, but seeking work ☐ Not employed and not seeking work, or retired
	The following questions are about	ut your household:	
+	12. What is the PRIMARY LANGU	AGE spoken in this household?	☐ English☐ Spanish☐ French☐ Asian or Pacific Island☐ Other

+	13. What HOUSING TYPE best describes this dwelling? Fill one circle	☐ Single-family detached (separate from any other house) ☐ Single-family attached (townhouse, duplex or multiplex) ☐ Low-rise apartment (1-3 floors) ☐ Mid-rise apartment (4-8 floors) ☐ High-rise apartment ☐ Mobile home ☐ Other
+	14. What is the OWNERSHIP STATUS of this dwelling? Fill one circle	O owner occupied O renter occupied
+	15. How many BEDROOMS are in this house/apartment?	bedroom(s)
	16. When did you MOVE into this house/apartment? Fill one circle	☐ Since 1990 ☐ 1960 to 1969 ☐ 1980 to 1989 ☐ 1970 to 1979
	 17. How much would this HOUSE/LOT OR CONDO SELL FOR if it were for sale? Fill one circle Do not ask if answered "renter occupied" to question #14. I'll read a variety of categories, if that will help. Let me know when I "hit" the range which best corresponds to your 	☐ Less than \$20K ☐ \$125K to \$149,999 ☐ \$20K to \$29,999 ☐ \$150K to \$174,999 ☐ \$30K to \$39,999 ☐ \$175K to \$199,999 ☐ \$50K to \$59,999 ☐ \$200K to \$249,999 ☐ \$50K to \$69,999 ☐ \$300K to \$399,999 ☐ \$70K to \$79,999 ☐ \$400K to \$499,999 ☐ \$80K to \$89,999 ☐ \$500K to \$749,999
	answer.	□ \$90K to \$99,999 □ \$750K or more □ \$100K to \$124,999
	18. If you or someone in the household is renting this house or apartment, what is the total monthly rent? Do not ask if answered "owner-occupied" to question #14. I'll read a variety of categories, if that will help. Let me know when I "hit" the range that best corresponds to your answer.	☐ Less than \$100 ☐ \$700 to \$749 ☐ \$100 to \$149 ☐ \$750 to \$799 ☐ \$150 to \$199 ☐ \$800 to \$849 ☐ \$200 to \$249 ☐ \$800 to \$849 ☐ \$250 to \$299 ☐ \$900 to \$949 ☐ \$300 to \$349 ☐ \$950 to \$999 ☐ \$350 to \$399 ☐ \$1,000 to \$1,099 ☐ \$400 to \$449 ☐ \$1,100 to \$1,199 ☐ \$500 to \$549 ☐ \$1,200 to \$1,299 ☐ \$550 to \$599 ☐ \$1,300 to \$1,399 ☐ \$600 to \$649 ☐ \$1,400 to \$1,499 ☐ \$650 to \$699 ☐ \$1,500 or more
	19. What was the TOTAL 1995 INCOME for this household? I'll read a variety of categories, if that will help. Let me know when I "hit" the range which best corresponds to the total 1995 pre-tax income of all persons in this household (family members and others). Include income from all sources.	☐ Less than \$5K ☐ \$60K to \$64,999 ☐ \$55K to \$9,999 ☐ \$65K to \$69,999 ☐ \$10K to \$14,999 ☐ \$75K to \$79,999 ☐ \$15K to \$19,999 ☐ \$75K to \$79,999 ☐ \$20K to \$24,999 ☐ \$80K to \$89,999 ☐ \$25K to \$29,999 ☐ \$90K to \$99,999 ☐ \$30K to \$34,999 ☐ \$100K to \$124,999 ☐ \$35,999 to \$39,999 ☐ \$150K to \$174,999 ☐ \$40K to \$44,999 ☐ \$150K to \$174,999 ☐ \$45K to \$44,999 ☐ \$175K to \$199K ☐ \$50K to \$54,999 ☐ \$200K to \$249,999 ☐ \$55K to \$59,999 ☐ \$250K and above
	20. How many AUTOMOBILES, VANS AND TRUCKS are kept at this dwelling by household members?	vehicle(s)
	21. How many PORTABLE OR CELLULAR PHONES are registered to/owned by members of this household?	phone(s)
	22. How many PERSONAL COMPUTERS & MODEMS are used in this dwelling?	_ computer(s) _ modem(s)
	23. Does any one in this household have a PERMANENT DISABILITY that limits their work and/or self-care activities?	☐ No impairment ☐ Yes, physical impairment ☐ Yes, mental impairment ☐ Yes, hearing impairment ☐ Yes, visual impairment ☐ Other
	24. Where do members of this household most often go for HEALTH CARE?	Private doctor HMO or a health plan Community health center Hospital clinic Hospital emergency room Other Not applicable

:	25. What type of HEALTH INSURANCE COVERAGE do most members of this household have?	Currently uninsured Group plan Individual policy MEDICARE/MEDICAID Military Other	
	26. Where do members of this household usually shop/go for		
	Food/Groceries	☐ Prince George's County ☐ Other Maryland Counties ☐ Washington, D.C. ☐ Northern Virginia ☐ Other Locations	
	RESTAURANTS	☐ Prince George's County ☐ Other Maryland Counties ☐ Washington, D.C. ☐ Northern Virginia ☐ Other Locations	
	CLOTHING STORES	☐ Prince George's County ☐ Other Maryland Counties ☐ Washington, D.C. ☐ Northern Virginia ☐ Other Locations	
	OTHER PURCHASES	☐ Prince George's County ☐ Other Maryland Counties ☐ Washington, D.C. ☐ Northern Virginia ☐ Other Locations	

Conclude: Thank you again for your help. Have a Good Day!

k:\research\phone.svy

ACKNOWLEDGMENTS

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