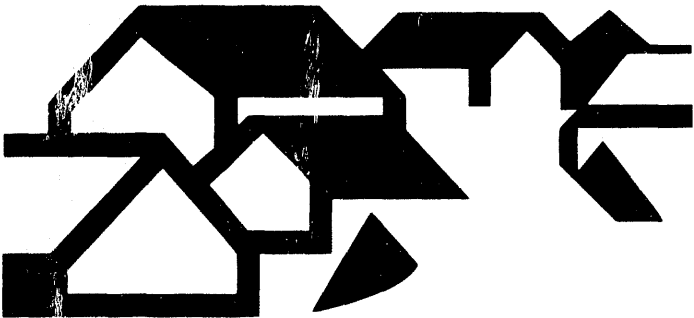


The 1992 Pacific Northwest Residential Energy Survey – Phase I

Book 3: Item-by-Item Crosstabulations

■ Volume D: Bonneville Area Offices

PNWRES92



*This document is a product of the
Energy Resources Development
and Implementation Process:*

Define Situation →

Identify Alternatives

Select Strategies

Implement Strategies

Evaluate Performance

Energy Resources Development and Implementation Process

The Energy Resources Program contains all the steps needed to plan for and manage energy resources. This chart reflects that process, with major tasks for each step. Though we display a linear process, it is a simplification; many interactions among the stages take place. Throughout the process, Bonneville asks customers, the Northwest Power Planning Council, utility and environmental groups, the public and others for their advice and comment.

*Customers
Northwest Power
Planning Council
Utility and
Environmental Groups
The Public*

Defining the Resource Picture

To define the resource picture, Bonneville assesses its customers' power requirements for the next 20 years and the supply of existing resources. Bonneville and the Northwest Power Planning Council publish energy demand forecasts, and analysts forecast how much power from existing resources will be available to meet projected uses. The difference must be met by new resources.

Identifying Alternatives

Analysts track potential resources and predict future supplies of conservation and generation resources, including imports and power exchanges. Analysts study all aspects of a resource: reliability, public opinion, cost, environmental impact, regulatory transmission and fuel constraints, and development time. Alternatives considered include opportunities for coordinating hydro system operations with Canada and for power purchases and transfers with Canadian and Southwest utilities.

Selecting Strategies

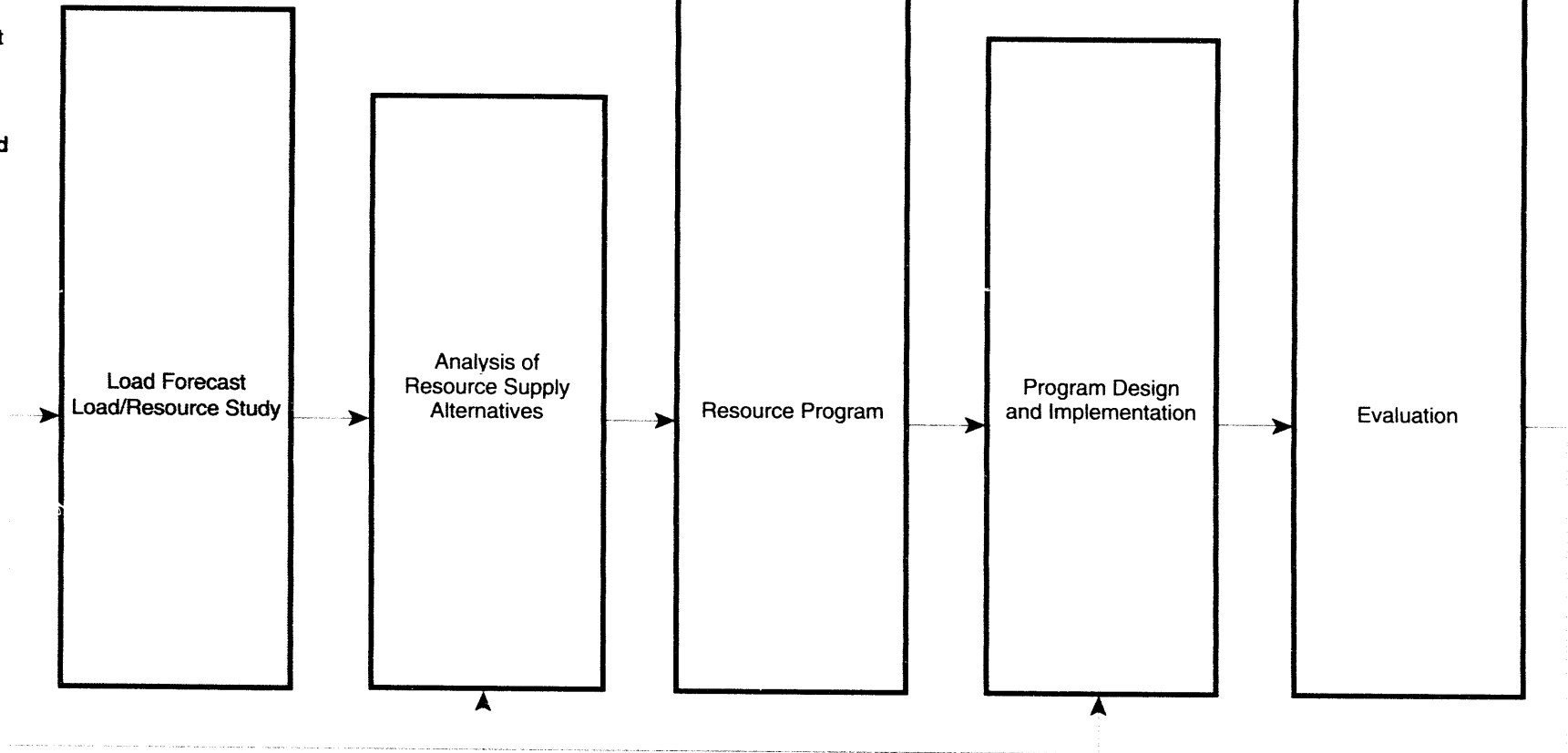
Using information on loads and resources, Bonneville weighs combinations of resources, their consequences, and public comment to choose the most appropriate and cost-effective resource strategy. The Resource Program documents this strategy.

Implementing Strategies

Fulfilling the plans in the Resource Program is the next step. Working with utilities, resource developers, interest groups, the public, and others, Bonneville sponsors conservation and generation programs and projects. BPA conducts environmental reviews of programs and projects and also provides oversight for generation projects. The result: megawatts of electricity generated or saved for the region.

Evaluating Performance

How well did actions meet BPA's objectives? Answering this question through program evaluation provides information on energy savings, energy production, costs and other measures of program quality. It is BPA's policy to evaluate all energy resource acquisitions.



The 1992 Pacific Northwest Residential Energy Survey - Phase I

(PNWRES92-I)

Book 3: Item-by-Item Crosstabulations

■ **Volume D: Bonneville Area Offices**

**Office of Energy Resources
Bonneville Power Administration
End-Use Research Section
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MASTER

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PREFACE

This book constitutes a portion of the *primary documentation* for the **1992 Pacific Northwest Residential Energy Survey, Phase I (PNWRES92-I)**.¹ The complete 33-volume set of primary documentation provides information needed by energy analysts and interpreters with respect to planning, execution, data collection, and data management of the PNWRES92-I process. Thirty of these volumes are devoted to different "views" of the data themselves, with each view having a special purpose or interest as its focus. Analyses and interpretations of these data will be the subjects of forthcoming publications.

Conducted during the late summer and fall months of 1992, PNWRES92-I had the over-arching goal of satisfying basic requirements for a variety of information about the stock of residential units in Bonneville's service region. Surveys with a similar goal were conducted in 1979 and 1983 and were respectively designated PNWRES79 and PNWRES83.

¹ From its planning stages, PNWRES92 was conceived as and intended to be a two-phase study: Phase I, the Telephone Survey, was to provide a modest amount of data on a large number (some 20,000) of Pacific Northwest households; Phase II, the On-Site Survey, was to provide a great deal of data on relatively few (perhaps 2,000-3,000) of the households interviewed in Phase I. Phase I households were intended also to provide a "surrogate population" of the region's households for specially focused future surveys.

PNWRES92-I differed from its two predecessors in several ways. It was designed to ...

... be conducted as a telephone survey—in contrast to an on-site/in-person interview.

... include all classes of housing units in the Pacific Northwest—in contrast to those that could be reached only through cooperating electric utilities.

... assure coverage of six geographic sub-regions² and three utility types³—in contrast, again, to depending upon the cooperation and effort of a selection of electric utilities.

... provide data on some 20,000 housing units—in contrast to some 4,000-5,000 housing units interviewed in PNWRES79 and PNWRES83.

... provide a surrogate population of Pacific Northwest households as a basis for future, fine-tuned surveys aimed at specific issues or limited data needs.

In order to provide a record of intention and achievement, the 33 coordinated volumes—designated **Volume A through Volume AG**—were prepared by PNWRES92-I's principal contractor, the Applied Management & Planning Group of Los Angeles, CA. These volumes are collected and published in a series of 12 "books," each of which contains a particular subgroup of the 33 volumes:

Book 1: Volumes A and B. The Executive Summary, the Concordance, and the Glossary (A) and the Report on Methodology and the Technical Appendix (B).

Book 2: Volume C. Item-by-item crosstabulations⁴ for the Pacific Northwest Region.

Book 3: Volume D. Item-by-item crosstabulations for the four Bonneville Area Offices (Puget Sound, Lower Columbia, Upper Columbia, and Snake River).

² Western Montana, Idaho, Eastern Washington, Western Washington, Eastern Oregon, and Western Oregon.

³ Publicly-Owned Generating Utilities, Publicly-Owned Non-Generating Utilities, and Investor-Owned Utilities.

⁴ Item-by-item crosstabulations display all responses to each of 80 survey items (excepting confidential/sensitive items like names and addresses) for each of the 15 survey domains and for the Region (Volume C), Bonneville's four Area Offices (Volume D), and the four Pacific Northwest states (Volume E).

- Book 4: Volume E.** Item-by-item crosstabulations for the four Pacific Northwest states served by Bonneville (Western Montana, Idaho, Washington, and Oregon).
- Book 5: Volume F.** Selected crosstabulations⁵ for the Pacific Northwest Region.
- Book 6: Volumes G, H, and I.** Selected crosstabulations for the three publicly-owned *generating* utility domains: Eastern Washington (**G**), Western Washington (**H**), and Western Oregon (**I**).
- Book 7: Volumes J, K, L, M, N, and O.** Selected crosstabulations for the six publicly-owned *non-generating* utility domains: Western Montana (**J**), Idaho (**K**), Eastern Washington (**L**), Western Washington (**M**), Eastern Oregon (**N**), and Western Oregon (**O**).
- Book 8: Volumes P, Q, R, S, T, and U.** Selected crosstabulations for the six investor-owned utility domains: Western Montana (**P**), Idaho (**Q**), Eastern Washington (**R**), Western Washington (**S**), Eastern Oregon (**T**), and Western Oregon (**U**).
- Book 9: Volumes V, W, X, and Y.** Selected crosstabulations for Bonneville's four Area Offices: Puget Sound (**V**), Lower Columbia (**W**), Upper Columbia (**X**), and Snake River (**Y**).
- Book 10: Volumes Z, AA, AB, and AC.** Selected crosstabulations for the four states served by Bonneville: Washington (**Z**), Oregon (**AA**), Idaho (**AB**), and Western Montana (**AC**).
- Book 11: Volumes AD, AE, and AF.** Selected crosstabulations for the three categories of utilities in the Pacific Northwest: Public Generating (**AD**), Public Non-Generating (**AE**), and Investor-Owned (**AF**).
- Book 12: Volume AG.** A report of a post-survey study of PNWRES92-I non-respondents (conducted in late Spring 1993) and their reason(s) for not completing the original survey.

For additional information, comments, or data requests, contact David Mills: 503-230-7505.

To obtain copies of the reports, contact Kim Andersen, End-Use Research Section (RPEE), Bonneville Power Administration, P.O. Box 3621, Portland, OR 97208-3621: 503-230-5712.

Individually-bound copies of Volume A (Executive Summary, Concordance, and Glossary) may be obtained from Bonneville's Public Information Office: 503-230-3055.

⁵ "Selected crosstabulations" refers to a set of nine survey items of wide interest (Dwelling Type, Ownership Type, Year-of-Construction, Dwelling Size, Primary Space-Heating Fuel, Primary Water-Heating Fuel, Household Income for 1991, Utility Type, and Space-Heating Fuels: Systems and Equipment) that were crosstabulated among themselves and thus yielded 36 two-way tables for each of the several views displayed in **Volumes F through AF**.

1992 Pacific Northwest Residential Energy Survey Phase I

VOLUME D Item-by-Item Results: Area Offices

**Prepared for
Bonneville Power Administration
Portland, Oregon**

**by
Applied Management & Planning Group
Los Angeles**

Contract No.: DE-AC79-92BP25174

OVERVIEW OF 1992 PACIFIC NORTHWEST RESIDENTIAL ENERGY SURVEY

Phase I of the 1992 Pacific Northwest Residential Energy Survey (PNWRES92-I) was the third comprehensive survey of the region to provide data on energy usage, conservation awareness/behaviors and associated consumer characteristics for use in forecasting and planning by the Bonneville Power Administration.

Energy-use data from residential surveys conducted in 1979 and 1983 have been used extensively by Bonneville, the Pacific Northwest Utilities Conference Committee, the Northwest Power Planning Council, and by several of the utilities in the region. Since 1983, both increased fuel prices and conservation programs have impacted consumer behavior and have made it necessary to update the data base used for forecasting. In order to improve the accuracy of these forecasts, more detailed information was required concerning the use of residential energy in the Pacific Northwest. Thus, Bonneville contracted its third regional residential survey, PNWRES92-I.

A team of staff members, representing several constituencies within Bonneville's Office of Energy Resources, designed the data collection as a telephone survey. The Applied Management & Planning Group (AMPG), Los Angeles, California, was selected to carry out the survey, to summarize the data, and to prepare the initial documentation. Interviewing Services of America (ISA), Van Nuys, California, was subcontracted by AMPG to conduct the telephone interviews.

PNWRES92-I used random digit dialing (RDD) and computer-assisted telephone interviewing (CATI). The sample was stratified into 15 sampling domains defined by geographic area and utility type. A total of 20,170 interviews were completed from September 3, 1992, to December 9, 1992.

The survey's full documentation is divided among 33 volumes, which are displayed in the Project Concordance in the next section. All volumes are available both in printed form and on personal computers using **Bonneville Power Plus**. Volumes A and B provide detailed documentation. Volume C shows all survey items for each sampling domain, for the entire region. Each of the data tables in Volumes C through AF show both the sample counts and the weighted population counts, as well as a chart for the population counts.

Volume D presents item-by-item crosstabulations for the Area Offices by utility types.

For additional information, comments, or data requests, contact David Mills: (503)230-7505. To obtain copies of the reports, contact Kim Andersen, End-Use Research Section (RPEE), Bonneville Power Administration, P.O. Box 3621, Portland, OR 97208-3621; (503)230-5712.

Project Concordance

Text

Tables



A-B



C-E

(Item-by-Item)



F

(Region)



G-U

(Domains)



V-Y

(Area Offices)



Z-AC

(States)



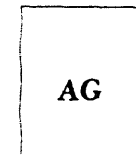
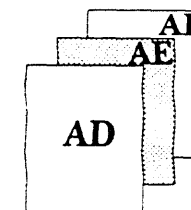
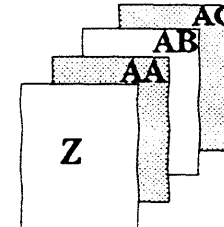
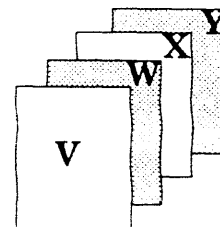
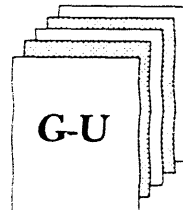
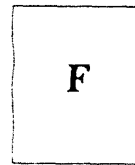
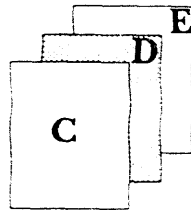
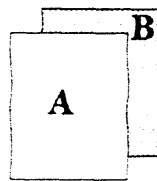
AD-AF

(Utilities)



AG

(Non-Respondent Survey)



Volume A:
Executive Summary
Project Concordance
Glossary

Volume B:
Report of Methodology
Technical Appendix

Item-by-Item
Crosstabulations

Volume C:
Pacific Northwest
Region
by Domain

Volume D:
Pacific Northwest
Region by
Area Office

Volume E:
Pacific Northwest
Region
by State

Selected
Crosstabulations

Volume F:
Pacific
Northwest
Region

Selected
Crosstabulations
for Domains:

G: Eastern Washington (PG)
H: Western Washington (PG)
I: Western Oregon (PG)
J: Western Montana (PN)
K: Idaho (PN)
L: Eastern Washington (PN)
M: Western Washington (PN)
N: Eastern Oregon (PN)
O: Western Oregon (PN)
P: Western Montana (IO)
Q: Idaho (IO)
R: Eastern Washington (IO)
S: Western Washington (IO)
T: Eastern Oregon (IO)
U: Western Oregon (IO)

Selected
Crosstabulations
for Area Offices:

V: Puget Sound
W: Lower Columbia
X: Upper Columbia
Y: Snake River

Selected
Crosstabulations
for States:

Z: Washington
AA: Oregon
AB: Idaho
AC: Montana

Selected
Crosstabulations
for Utility Types:

AD: Public Generating
AE: Public Non-Generating
AF: Investor Owned

Volume AG:
Study of
Non-Respondents

Book 1: Volumes A and B
Book 2: Volume C
Book 3: Volume D
Book 4: Volume E
Book 5: Volume F
Book 6: Volumes G, H, and I
Book 7: Volumes J, K, L, M, N, and O
Book 8: Volumes P, Q, R, S, T, and U
Book 9: Volumes V, W, X, and Y
Book 10: Volumes Z, AA, AB, and AC
Book 11: Volumes AD, AE, and AF
Book 12: Volume AG

Key: PG = Public Generating Utility PN = Public Nongenerating Utility IO = Investor-Owned

Listing of Tables and Charts

Volume D: Item-by-Item Results – Area Offices

- D-1:** Dwelling Type by Area Office
- D-2:** Ownership Type by Area Office
- D-3:** Year of Construction by Area Office
- D-4:** Year of Occupancy by Area Office
- D-5:** Dwelling Size in Square Feet by Area Office
- D-6:** Type of Foundation by Area Office
- D-7:** Cathedral or Vaulted Ceilings by Area Office
- D-8:** Number of Living Rooms by Area Office
- D-9:** Number of Kitchens by Area Office
- D-10:** Number of Kitchens with Eating Areas by Area Office
- D-11:** Number of Dining Rooms by Area Office
- D-12:** Number of Bedrooms by Area Office
- D-13:** Number of Bathrooms by Area Office
- D-14:** Number of Dens, Studies, Libraries, or Sewing Rooms by Area Office
- D-15:** Number of Family or Recreation Rooms by Area Office
- D-16:** Number of Utility or Work Rooms by Area Office
- D-17:** Number of Other Small Rooms by Area Office
- D-18:** Number of Other Large Rooms by Area Office
- D-19:** Primary Multi-Unit Heating System Type by Area Office
- D-20:** Primary Space-Heating Fuel Type by Area Office
- D-21:** Primary Space-Heating Equipment Type by Area Office
- D-22:** Primary Electric Space-Heating Equipment Type by Area Office
- D-23:** Primary Wood Space-Heating Equipment Type by Area Office
- D-24:** Fireplace Equipment by Area Office
- D-25:** Presence of Secondary Space-Heating Fuel by Area Office
- D-26:** Secondary Space-Heating Fuel Type by Area Office
- D-27:** Secondary Space-Heating Equipment Type by Area Office
- D-28:** Secondary Electric Space-Heating Equipment Type by Area Office
- D-29:** Secondary Wood Space-Heating Equipment Type by Area Office
- D-30:** Secondary Fireplace Equipment by Area Office
- D-31:** Changed Fuel Type in Past Year by Area Office
- D-32:** Primary Fuel Type Prior to Change by Area Office
- D-33:** Daytime Heating by Area Office
- D-34:** Natural Gas Available in Neighborhood by Area Office
- D-35:** Presence of Air Conditioning by Area Office
- D-36:** Multi-Unit Air Conditioning System by Area Office
- D-37:** Most-Used Air Conditioning Equipment System Type by Area Office
- D-38:** Number of Window or Wall Air Conditioning Units by Area Office
- D-39:** Multi-Unit Water-Heating System by Area Office
- D-40:** Primary Water-Heating Fuel Type by Area Office
- D-41:** Stove-Top Fuel Type by Area Office
- D-42:** Number of Cooking Ovens by Area Office

Listing of Tables and Charts

Volume D: Item-by-Item Results – Area Offices

- D-43:** Cooking Oven Fuel Type by Area Office
- D-44:** Presence of Microwave Oven by Area Office
- D-45:** Number of Refrigerators by Area Office
- D-46:** Number of Televisions by Area Office
- D-47:** Number of Personal Computers by Area Office
- D-48:** Number of Freezers, Separate from Refrigerators, by Area Office
- D-49:** Number of Dishwashers by Area Office
- D-50:** Number of Clothes Washing Machines by Area Office
- D-51:** Number of Clothes Dryers by Area Office
- D-52:** Clothes Dryer Fuel Type by Area Office
- D-53:** Presence of Swimming Pool by Area Office
- D-54:** Presence of Hot Tub by Area Office
- D-55:** Presence of Whirlpool Bath by Area Office
- D-56:** Primary Fuel Used to Heat Swimming Pool by Area Office
- D-57:** Primary Fuel Used to Heat Hot Tub by Area Office
- D-58:** Number of Shower Heads by Area Office
- D-59:** Energy Inspection by Area Office
- D-60:** Permit Visit by Energy Professional by Area Office
- D-61:** Weatherized Dwelling by Area Office
- D-62:** Familiarity with Weatherization Loans by Area Office
- D-63:** Familiarity with Weatherization Programs by Area Office
- D-64:** Familiarity with Efficient Appliance Programs by Area Office
- D-65:** Extent of Home Energy Efficiency by Area Office
- D-66:** Seriousness of Environmental Pollution by Area Office
- D-67:** Seriousness of the Cost of Energy by Area Office
- D-68:** Seriousness of Unemployment by Area Office
- D-69:** Seriousness of Scarcity of Energy by Area Office
- D-70:** Seriousness of Crime by Area Office
- D-71:** Receive Electric Utility Bill by Area Office
- D-72:** Number of People in Household by Area Office
- D-73:** Respondent's Age by Area Office
- D-74A:** Number in Household Less than 6 Years Old by Area Office.
- D-74B:** Number in Household 6 to 17 Years Old by Area Office
- D-74C:** Number in Household 18 to 64 Years Old by Area Office
- D-74D:** Number in Household Age 65 and Over by Area Office
- D-75:** Respondent's Education Level by Area Office
- D-76:** Household Income by Area Office, Above/Below \$25,000
- D-77:** Household Income by Area Office
- D-78:** Authorize Billing Information by Area Office
- D-79:** Willing to Grant In-Person Interview by Area Office
- D-80:** Respondent's Gender by Area Office

Tables and Charts Survey Questions

Volume D: Item-by-Item Results – Area Offices

- D-1:** Dwelling Type by Area Office
Q16: Which of the following best describes your dwelling?
- D-2:** Ownership Type by Area Office
Q18: Do you own your home, rent it, or occupy it under some other arrangement?
- D-3:** Year of Construction by Area Office
Q20: In what year was your home constructed?
- D-4:** Year of Occupancy by Area Office
Q22: In what year did you move into your home?
- D-5:** Dwelling Size in Square Feet by Area Office
Q24: What is the square footage of your home?
- D-6:** Type of Foundation by Area Office
Q26: What type of foundation does your home have?
- D-7:** Cathedral or Vaulted Ceilings by Area Office
Q30: Do you have any cathedral or vaulted ceilings in your home?
- D-8:** Number of Living Rooms by Area Office
Q32A: How many living rooms do you have in your home?
- D-9:** Number of Kitchens by Area Office
Q32B: How many kitchens do you have in your home?
- D-10:** Number of Kitchens with Eating Areas by Area Office
Q32C: How many kitchens with eating areas do you have in your home?
- D-11:** Number of Dining Rooms by Area Office
Q32D: How many dining rooms do you have in your home?
- D-12:** Number of Bedrooms by Area Office
Q32E: How many bedrooms do you have in your home?
- D-13:** Number of Bathrooms by Area Office
Q32F: How many bathrooms do you have in your home?
- D-14:** Number of Dens, Studies, Libraries, or Sewing Rooms by Area Office
Q38A: How many dens, studies, libraries, or sewing rooms do you have in your home?
- D-15:** Number of Family or Recreation Rooms by Area Office
Q38B: How many family or recreation rooms do you have in your home?

Tables and Charts Survey Questions

Volume D: Item-by-Item Results – Area Offices

- D-16:** Number of Utility or Work Rooms by Area Office
Q38C: How many utility or work rooms do you have in your home?
- D-17:** Number of Other Small Rooms by Area Office
Q38D: How many other small rooms (80 square feet or less) do you have in your home?
- D-18:** Number of Other Large Rooms by Area Office
Q38E: How many other large rooms (more than 80 square feet) do you have in your home?
- D-19:** Primary Multi-Unit Heating System Type by Area Office
Q44: When you heat your home, do you primarily rely on...?
- D-20:** Primary Space-Heating Fuel Type by Area Office
Q46: What fuel do you use most to heat your home?
- D-21:** Primary Space-Heating Equipment Type by Area Office
Q48: Which type of heating equipment do you use most to heat your home?
- D-22:** Primary Electric Space-Heating Equipment Type by Area Office
Q50: Which type of electric heating equipment do you use most to heat your home?
- D-23:** Primary Wood Space-Heating Equipment Type by Area Office
Q52: Which type of wood heating equipment do you use most to heat your home?
- D-24:** Fireplace Equipment by Area Office
Q54: Does your fireplace have...?
- D-25:** Presence of Secondary Space-Heating Fuel by Area Office
Q56: Do you use any other fuel besides (primary fuel type) to heat your home?
- D-26:** Secondary Space-Heating Fuel Type by Area Office
Q68: Other than (primary fuel type) what fuel do you use most to heat your home?
- D-27:** Secondary Space-Heating Equipment Type by Area Office
Q69: Which type of (secondary heating fuel) heating equipment do you use most to heat your home?

Tables and Charts Survey Questions

Volume D: Item-by-Item Results – Area Offices

- D-28:** Secondary Electric Space-Heating Equipment Type by Area Office
Q70: Which type of (secondary) electric heating equipment do you use most to heat you home?
- D-29:** Secondary Wood Space-Heating Equipment Type by Area Office
Q72: Which type of (secondary) wood heating equipment do you use most to heat your home?
- D-30:** Secondary Fireplace Equipment by Area Office
Q74: Does your fireplace have...?
- D-31:** Changed Fuel Type in Past Year by Area Office
Q76: In the past year, have you changed the fuel type you use most to heat your home?
- D-32:** Primary Fuel Type Prior to Change by Area Office
Q88: What fuel was used most to heat your home before you switched?
- D-33:** Daytime Heating by Area Office
Q89: During the winter, do you heat your home more than half of the time between 9am and 5pm weekdays?
- D-34:** Natural Gas Available in Neighborhood by Area Office
Q90: Is natural gas available in your neighborhood?
- D-35:** Presence of Air Conditioning by Area Office
Q92: Do you have air conditioning in your home?
- D-36:** Multi-Unit Air Conditioning System by Area Office
Q94: What type of system do you have...?
- D-37:** Most-Used Air Conditioning Equipment System Type by Area Office
Q96: What type of air conditioning system do you use most?
- D-38:** Number of Window or Wall Air Conditioning Units by Area Office
Q98: How many window or wall air conditioning units do you have in your home?
- D-39:** Multi-Unit Water-Heating System by Area Office
Q100: Is most of the hot water you use heated by...?
- D-40:** Primary Water-Heating Fuel Type by Area Office
Q102: What fuel do you use most for heating water in your home?
- D-41:** Stove-Top Fuel Type by Area Office
Q116: What fuel does your stove-top use?

Tables and Charts Survey Questions

Volume D: Item-by-Item Results – Area Offices

- D-42:** Number of Cooking Ovens by Area Office
Q118: How many ovens, not including microwave ovens or toaster ovens, do you use for cooking?
- D-43:** Cooking Oven Fuel Type by Area Office
Q120: What fuel does your oven use?
- D-44:** Presence of Microwave Oven by Area Office
Q122: Do you have a microwave oven in your home that you use at least occasionally?
- D-45:** Number of Refrigerators by Area Office
Q124A: How many refrigerators do you have in your home?
- D-46:** Number of Televisions by Area Office
Q124B: How many televisions do you have in your home?
- D-47:** Number of Personal Computers by Area Office
Q124C: How many personal computers do you have in your home?
- D-48:** Number of Freezers, Separate from Refrigerators, by Area Office
Q124D: How many freezers, separate from refrigerators, do you have in your home?
- D-49:** Number of Dishwashers by Area Office
Q124E: How many dishwashers do you have in your home?
- D-50:** Number of Clothes Washing Machines by Area Office
Q124F: How many clothes washing machines do you have in your home?
- D-51:** Number of Clothes Dryers by Area Office
Q124G: How many clothes dryers do you have in your home?
- D-52:** Clothes Dryer Fuel Type by Area Office
Q125: What type of fuel does your clothes dryer use?
- D-53:** Presence of Swimming Pool by Area Office
Q132A: Do you have your own swimming pool?
- D-54:** Presence of Hot Tub by Area Office
Q132B: Do you have your own hot tub?
- D-55:** Presence of Whirlpool Bath by Area Office
Q132C: Do you have your own whirlpool bath?

Tables and Charts Survey Questions

Volume D: Item-by-Item Results – Area Offices

- D-56:** Primary Fuel Used to Heat Swimming Pool by Area Office
Q140: What fuel do you use most to heat your swimming pool?
- D-57:** Primary Fuel Used to Heat Hot Tub by Area Office
Q142: What fuel do you use most to heat your hot tub?
- D-58:** Number of Shower Heads by Area Office
Q144: How many shower heads do you have in your home?
- D-59:** Energy Inspection by Area Office
Q146: Has any energy professional inspected your home and advised you on ways to make your home more energy efficient?
- D-60:** Permit Visit by Energy Professional by Area Office
Q148: Are you willing to have an energy professional visit your home and advise you on home energy efficiency?
- D-61:** Weatherized Dwelling by Area Office
Q150: Since you moved into your home, has the state or electric utility weatherized your home?
- D-62:** Familiarity with Weatherization Loans by Area Office
Q151: Have you heard or read anything about low interest weatherization loans?
- D-63:** Familiarity with Weatherization Programs by Area Office
Q152: Have you heard or read anything about utility or state weatherization programs?
- D-64:** Familiarity with Efficient Appliance Programs by Area Office
Q153: Have you heard or read anything about efficient appliance programs?
- D-65:** Extent of Home Energy Efficiency by Area Office
Q158: Which of the following best describes how you feel about the energy efficiency of your home?
- D-66:** Seriousness of Environmental Pollution by Area Office
Q160A: How do you rate the seriousness of environmental pollution?
- D-67:** Seriousness of the Cost of Energy by Area Office
Q160B: How do you rate the seriousness of the cost of energy?
- D-68:** Seriousness of Unemployment by Area Office
Q160C: How do you rate the seriousness of unemployment?

Tables and Charts Survey Questions
Volume D: Item-by-Item Results – Area Offices

- D-69:** Seriousness of Scarcity of Energy by Area Office
Q160D: How do you rate the seriousness of scarcity of energy?
- D-70:** Seriousness of Crime by Area Office
Q160E: How do you rate the seriousness of crime?
- D-71:** Receive Electric Utility Bill by Area Office
Q163: Do you receive a bill from your electric utility?
- D-72:** Number of People in Household by Area Office
Q172: How many people, including yourself, normally live in your home?
- D-73:** Respondent's Age by Area Office
Q173: How old are you?
- D-74A:** Number in Household Less than 6 Years Old by Area Office
Q174A: How many of the people who live in your home are less than 6 years old?
- D-74B:** Number in Household 6 to 17 Years Old by Area Office
Q174B: How many of the people who live in your home are between 6 and 17 years old?
- D-74C:** Number in Household 18 to 64 Years Old by Area Office
Q174C: How many of the people who live in your home are between 18 and 64 years old?
- D-74D:** Number in Household Age 65 and Over by Area Office
Q174D: How many of the people who live in your home are 65 and over?
- D-75:** Respondent's Education Level by Area Office
Q179: What is the highest level of education that you have completed?
- D-76:** Household Income by Area Office, Above/Below \$25,000
Q186: Was your total household income before taxes for 1991 above or below \$25,000?
- D-77:** Household Income by Area Office
Q188 and Q189: What is your household income?
- D-78:** Authorize Billing Information by Area Office
Q192: Would you be willing to authorize your utility(ies) to provide us information on the amounts of fuel you use?

Tables and Charts Survey Questions
Volume D: Item-by-Item Results – Area Offices

- D-79:** Willing to Grant In-Person Interview by Area Office
Q200: Can we re-contact you in about one year for an in-person interview?
- D-80:** Respondent's Gender by Area Office

Table D-1: Dwelling Type by Area Office

Q16: Which of the following best describes your dwelling?

Raw Data

DWELLING TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Manufactured Home	93	208	76	130	373	106	347	508	161	N/A	764	226	2,992
Single Family Dwelling	1,154	845	476	1,452	1,553	638	1,392	1,947	738	N/A	3,213	1,128	14,536
Duplex	69	32	23	142	110	38	66	58	20	N/A	134	36	728
Triplex	16	3	6	10	12	12	5	18	5	N/A	18	8	113
Fourplex	44	13	14	51	37	15	22	30	18	N/A	76	10	330
Fiveplex or More	281	46	66	238	123	90	105	99	58	N/A	242	44	1,392
Other	3	3	5	5	7	8	4	17	7	N/A	17	3	79
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

DWELLING TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Manufactured Home	31,921	30,200	72,434	5,798	44,109	99,285	10,137	22,640	45,062	N/A	31,758	51,564	444,908
Single Family Dwelling	396,099	122,689	453,664	64,756	183,649	597,582	40,666	86,771	206,556	N/A	133,560	257,365	2,543,357
Duplex	23,684	4,646	21,921	6,333	13,008	35,593	1,928	2,585	5,598	N/A	5,570	8,214	129,079
Triplex	5,492	436	5,718	446	1,419	11,240	146	802	1,399	N/A	748	1,825	29,672
Fourplex	15,103	1,888	13,343	2,274	4,375	14,050	643	1,337	5,038	N/A	3,159	2,282	63,491
Fiveplex or More	96,450	6,679	62,903	10,614	14,545	84,298	3,068	4,412	16,233	N/A	10,060	10,039	319,302
Other	1,030	436	4,765	223	828	7,493	117	758	1,959	N/A	707	684	18,999
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-1: Dwelling Type by Area Office
 Q16: Which of the following best describes your dwelling?

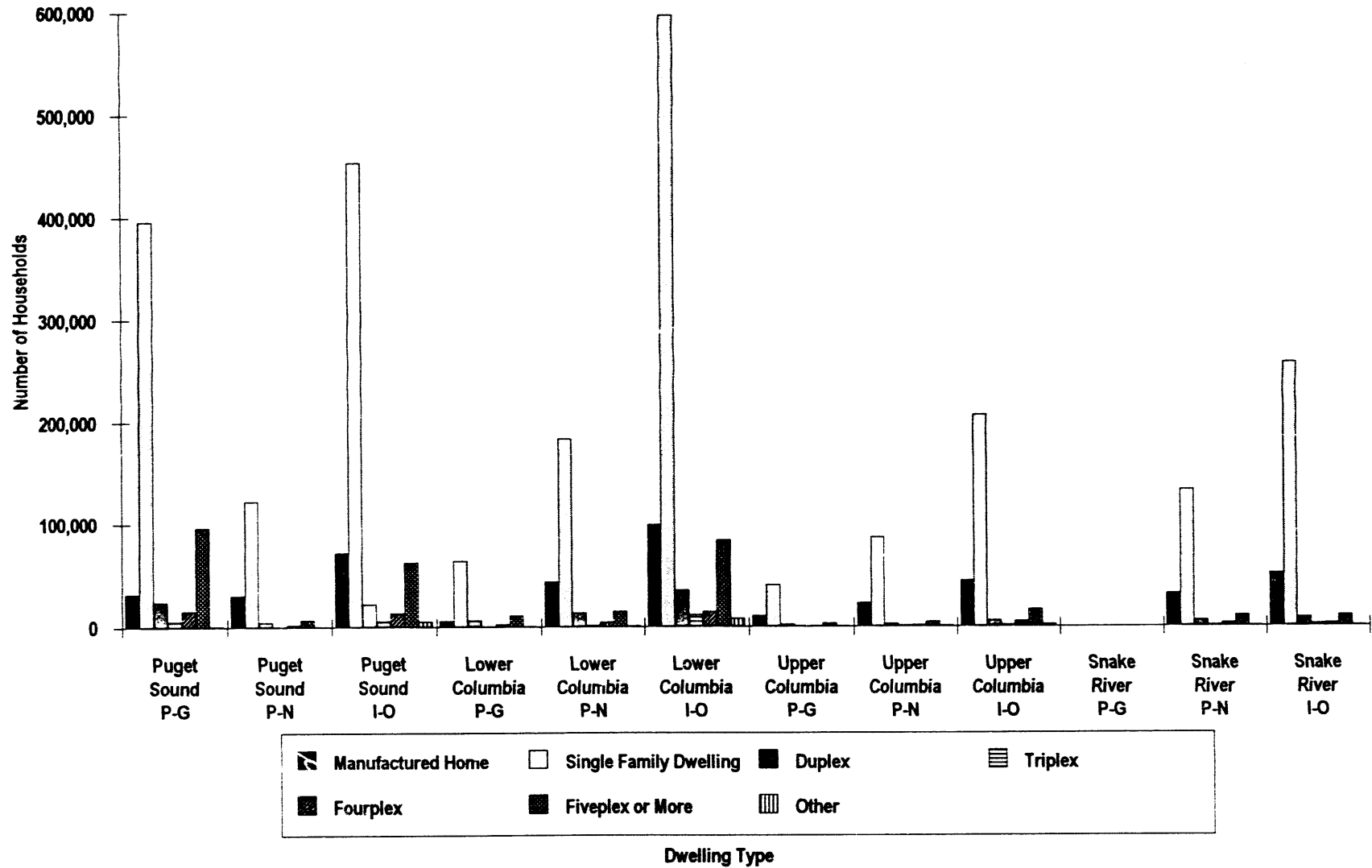


Table D-2: Ownership Type by Area Office

Q16: Do you own your home, rent it, or occupy it under some other arrangement?

Raw Data

OWNERSHIP TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Own	1,093	909	494	1,367	1,672	654	1,471	2,075	769	N/A	3,429	1,187	15,120
Rent or Lease	536	226	165	643	503	234	417	516	221	N/A	934	245	4,640
Occupy without Payment	28	11	6	16	36	16	52	83	16	N/A	94	22	380
Don't Know	1	1	1	0	1	0	1	2	0	N/A	1	1	9
Refused	2	3	0	2	3	3	0	1	1	N/A	6	0	21
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

OWNERSHIP TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Own	375,161	131,981	470,819	60,965	197,722	612,569	42,974	92,475	215,233	N/A	142,538	270,827	2,613,264
Rent or Lease	183,977	32,814	157,257	28,676	59,482	219,176	12,182	22,996	61,855	N/A	38,825	55,899	873,140
Occupy without Payment	9,611	1,597	5,718	714	4,257	14,986	1,519	3,699	4,478	N/A	3,907	5,020	55,507
Don't Know	343	145	953	0	118	0	29	89	0	N/A	42	228	1,948
Refused	686	436	0	89	355	2,810	0	45	280	N/A	249	0	4,950
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-2: Ownership Type by Area Office

Q16: Do you own your home, rent it, or occupy it under some other arrangement?

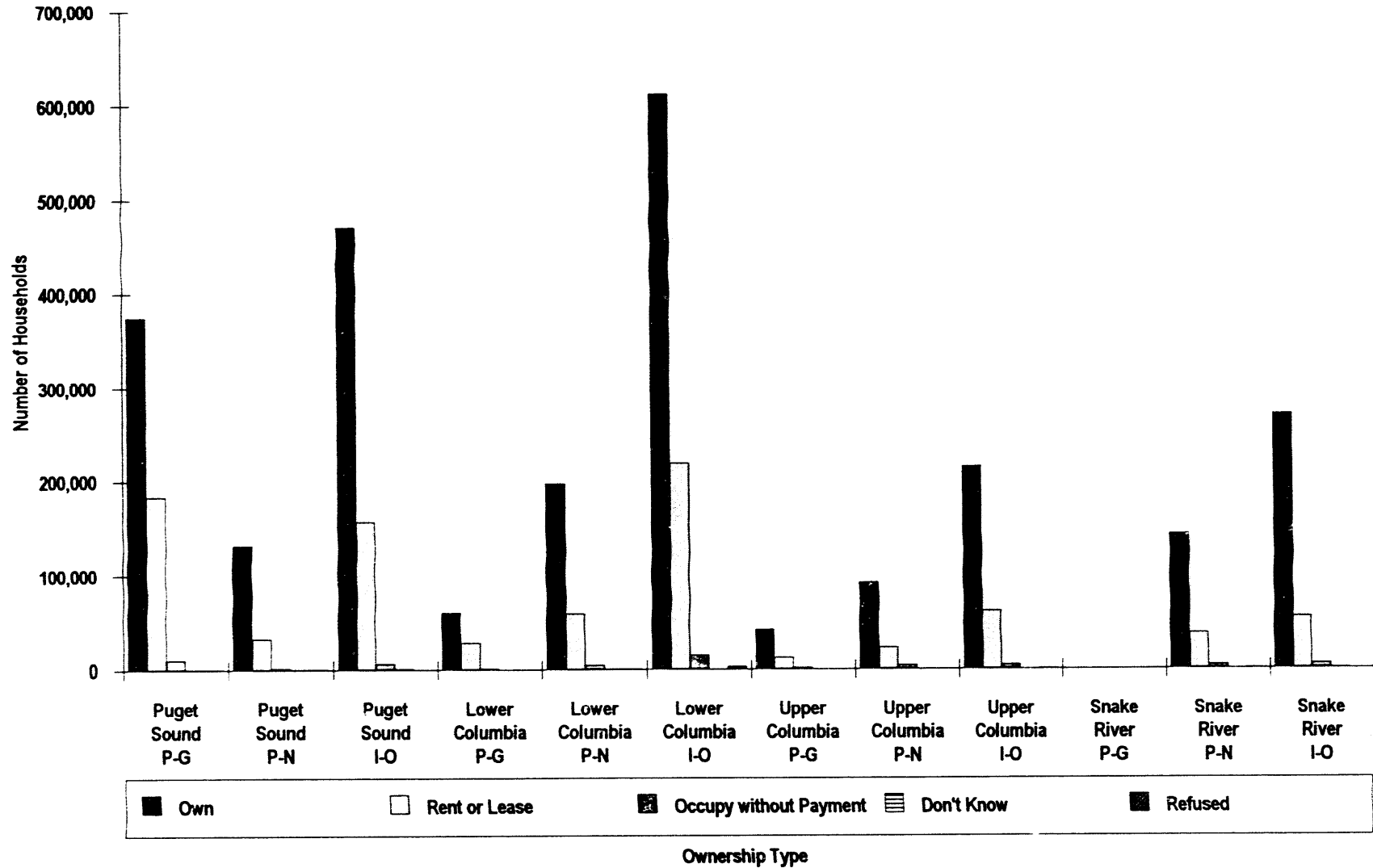


Table D-3: Year of Construction by Area Office

Q20: In what year was your home constructed?

Raw Data

YEAR OF CONSTRUCTION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Before 1950	511	241	107	351	365	185	360	545	241	N/A	985	316	4,207
1950-59	204	78	50	270	186	93	287	189	103	N/A	476	119	2,055
1960-69	183	125	78	378	286	111	188	250	108	N/A	476	141	2,324
1970-78	173	232	132	395	496	196	327	585	199	N/A	928	354	4,017
1979-85	141	177	100	150	281	95	235	442	119	N/A	535	177	2,452
1986-88	70	50	43	47	114	30	93	145	38	N/A	144	48	822
1989-92	110	79	58	88	188	54	125	171	40	N/A	228	79	1,220
Don't Know	267	167	98	348	296	143	325	348	158	N/A	691	220	3,061
Refused	1	1	0	1	3	0	1	2	1	N/A	1	1	12
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

YEAR OF CONSTRUCTION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Before 1950	175,396	34,992	101,979	15,654	43,163	173,280	10,517	24,289	67,453	N/A	40,945	72,099	759,765
1950-59	70,021	11,325	47,654	12,041	21,995	87,108	8,385	8,423	28,828	N/A	19,787	27,151	342,719
1960-69	62,813	18,149	74,340	16,858	33,821	103,968	5,492	11,142	30,226	N/A	19,787	32,171	408,768
1970-78	59,380	33,685	125,806	17,616	58,654	183,583	9,553	26,071	55,697	N/A	38,576	80,769	689,391
1979-85	48,397	25,699	95,308	6,690	33,230	88,982	6,865	19,698	33,307	N/A	22,239	40,384	420,798
1986-88	24,027	7,260	40,982	2,096	13,481	28,099	2,717	6,462	10,636	N/A	5,986	10,952	152,698
1989-92	37,756	11,470	55,278	3,925	22,232	50,579	3,652	7,621	11,195	N/A	9,478	18,025	231,211
Don't Know	91,645	24,247	93,401	15,520	35,003	133,941	9,495	15,509	44,222	N/A	28,724	50,195	541,903
Refused	343	145	0	45	355	0	29	89	280	N/A	42	228	1,556
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	165,562	331,974	3,548,809

Weighted Data

Chart D-3: Year of Construction by Area Office
 Q20: In what year was your home constructed?

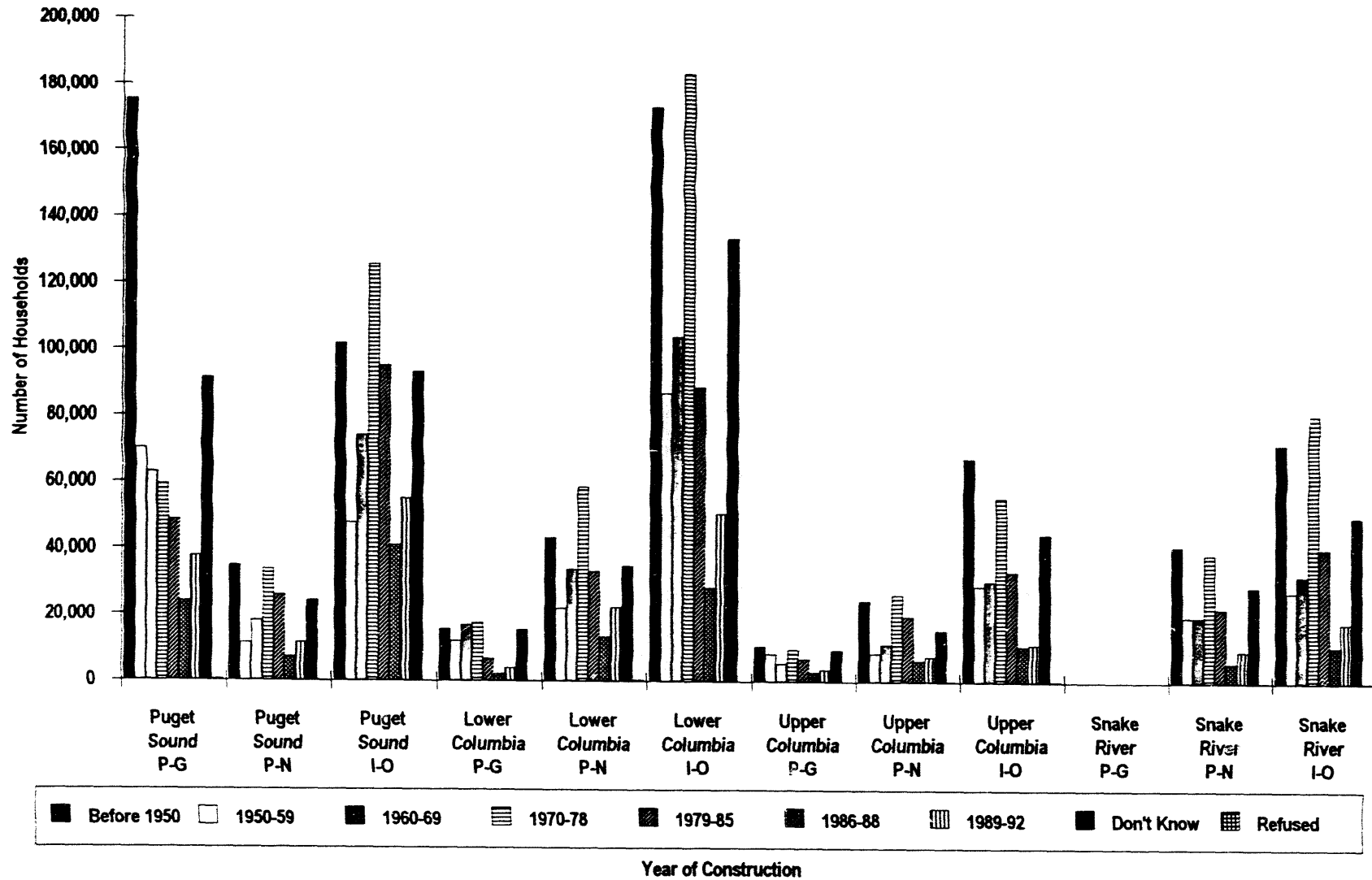


Table D-4: Year of Occupancy by Area Office

Q22: In what year did you move into your home?

Raw Data

YEAR OF OCCUPANCY	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Before 1950	39	27	7	27	31	14	39	60	21	N/A	101	42	408
1950-59	79	43	28	64	57	43	90	84	47	N/A	159	51	745
1960-69	138	69	44	153	165	69	125	166	71	N/A	296	112	1,408
1970-78	205	188	84	272	335	136	286	432	150	N/A	729	244	3,061
1979-85	247	257	119	298	380	159	354	578	193	N/A	781	268	3,634
1986-88	241	158	110	296	355	116	316	389	147	N/A	623	217	2,968
1989-92	706	399	272	907	884	362	718	952	376	N/A	1,757	514	7,847
Don't Know	4	9	2	9	7	7	13	15	2	N/A	16	6	90
Refused	1	0	0	2	1	1	0	1	0	N/A	2	1	9
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

YEAR OF OCCUPANCY	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Before 1950	13,386	3,920	6,672	1,204	3,666	13,113	1,139	2,674	5,878	N/A	4,198	9,583	65,433
1950-59	27,116	6,243	26,686	2,854	6,741	40,276	2,629	3,744	13,155	N/A	6,609	11,636	147,689
1960-69	47,367	10,018	41,935	6,823	19,512	64,629	3,652	7,398	19,872	N/A	12,304	25,554	259,065
1970-78	70,364	27,296	80,058	12,131	39,615	127,384	8,355	19,253	41,983	N/A	30,303	55,671	512,415
1979-85	84,780	37,315	113,416	13,290	44,937	148,927	10,342	25,759	54,018	N/A	32,465	61,147	626,397
1986-88	82,721	22,941	104,838	13,201	41,980	108,651	9,232	17,336	41,143	N/A	25,897	49,511	517,452
1989-92	242,327	57,932	259,236	40,450	104,537	339,067	20,976	42,427	105,237	N/A	73,036	117,275	1,402,501
Don't Know	1,373	1,307	1,906	401	828	6,557	380	668	560	N/A	665	1,369	16,014
Refused	343	0	0	89	118	937	0	45	0	N/A	83	228	1,843
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-4: Year of Occupancy by Area Office

Q22: In what year did you move into your home?

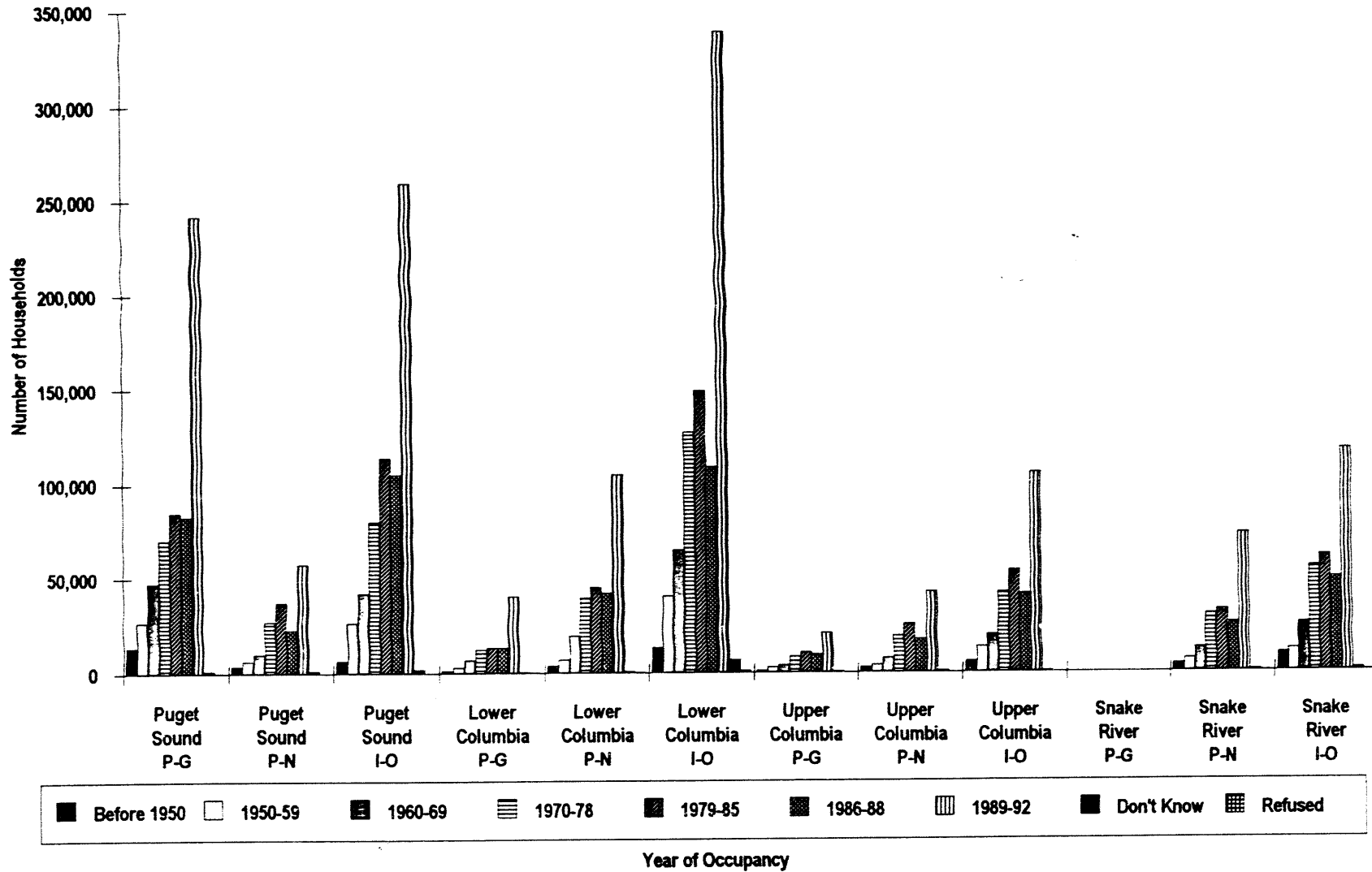


Table D-5: Dwelling Size in Square Feet by Area Office

Q24: What is the square footage of your home?

Raw Data

DWELLING SIZE IN SQUARE FEET	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
< 750	89	41	22	86	71	36	44	123	43	N/A	129	27	711
750 to < 1000	168	110	53	199	194	82	167	260	91	N/A	394	100	1,818
1000 to < 1250	173	152	66	339	295	127	202	323	129	N/A	557	221	2,584
1250 to < 1500	159	101	71	257	256	103	192	246	92	N/A	420	148	2,045
1500 to < 1750	149	111	65	213	237	106	170	208	73	N/A	436	142	1,910
1750 to < 2000	132	90	70	203	195	80	148	159	57	N/A	342	123	1,599
2000 to < 2500	160	124	100	167	235	81	209	234	90	N/A	414	141	1,955
2500 to < 3000	88	50	46	73	94	31	103	112	59	N/A	229	61	946
3000 or >	114	64	38	58	114	37	122	154	53	N/A	280	89	1,123
Don't Know	427	303	135	432	521	223	581	855	320	N/A	1,257	402	5,456
Refused	1	4	0	1	3	1	3	3	0	N/A	6	1	23
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

DWELLING SIZE IN SQUARE FEET	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
< 750	30,548	5,953	20,968	3,835	8,396	33,719	1,285	5,482	12,035	N/A	5,362	6,160	133,745
750 to < 1000	57,664	15,971	50,513	8,875	22,941	76,805	4,879	11,587	25,470	N/A	16,378	22,816	313,900
1000 to < 1250	59,380	22,069	62,903	15,119	34,885	118,954	5,901	14,395	36,105	N/A	23,154	50,424	443,290
1250 to < 1500	54,575	14,665	67,668	11,462	30,273	96,475	5,609	10,963	25,750	N/A	17,459	33,768	368,666
1500 to < 1750	51,143	16,117	61,950	9,499	28,026	99,285	4,966	9,270	20,432	N/A	18,124	32,399	351,210
1750 to < 2000	45,308	13,067	66,715	9,053	23,060	74,932	4,324	7,086	15,954	N/A	14,216	28,064	301,779
2000 to < 2500	54,918	18,004	95,308	7,448	27,790	75,869	6,106	10,429	25,190	N/A	17,209	32,171	370,440
2500 to < 3000	30,205	7,260	43,841	3,256	11,116	29,036	3,009	4,991	16,513	N/A	9,519	13,918	172,665
3000 or >	39,129	9,292	36,217	2,587	13,481	34,656	3,564	6,863	14,834	N/A	11,639	20,306	192,569
Don't Know	146,563	43,994	128,665	19,266	61,611	208,873	16,974	38,104	89,564	N/A	52,252	91,721	897,586
Refused	343	581	0	45	355	937	88	134	0	N/A	249	228	2,959
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-5: Dwelling Size in Square Feet by Area Office

Q24: What is the square footage of your home?

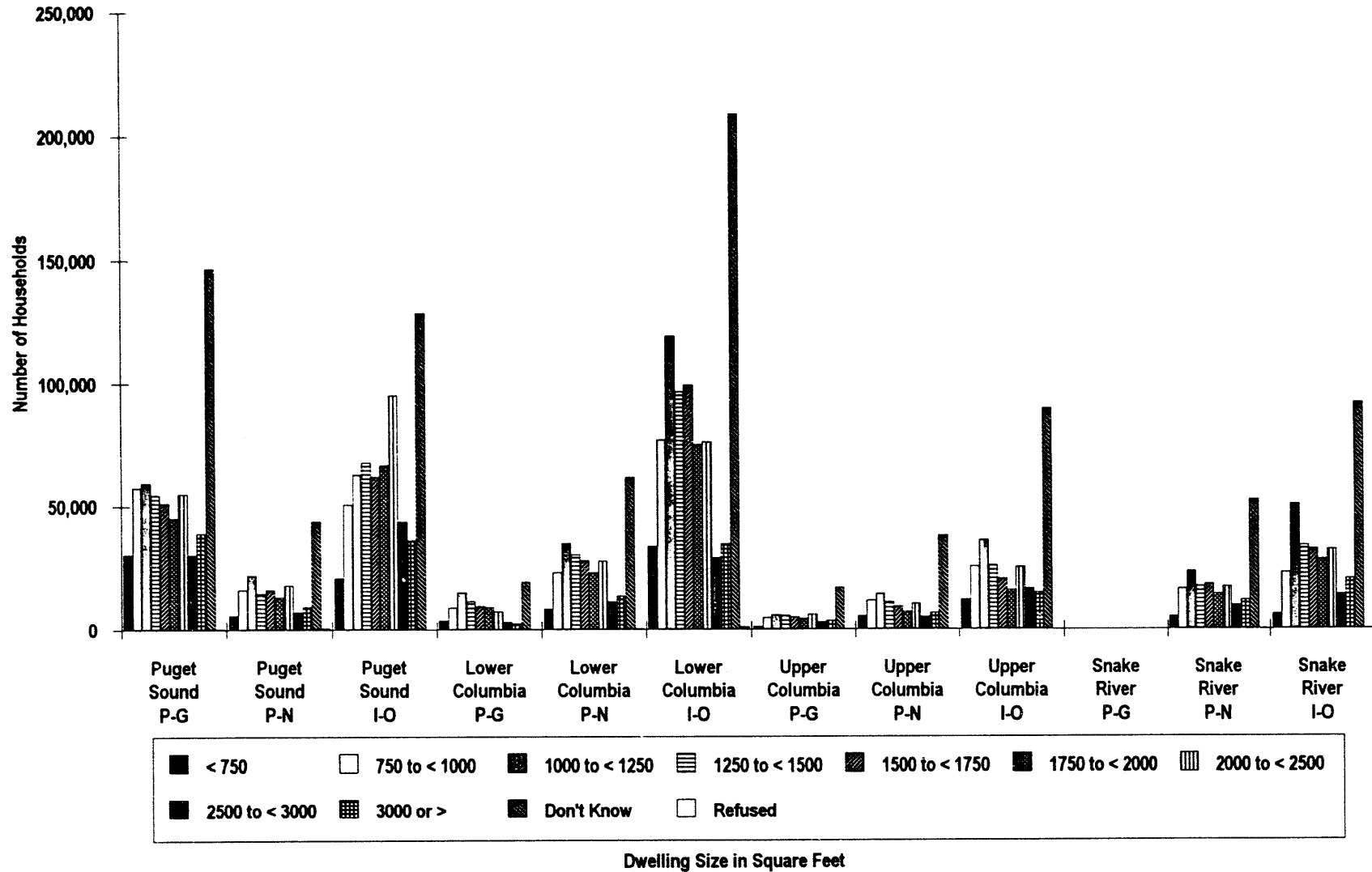


Table D-6: Type of Foundation by Area Office

Q26: What type of foundation does your home have?

Raw Data

TYPE OF FOUNDATION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Basement	570	168	140	167	301	139	650	936	454	N/A	1,432	544	5,501
Crawl Space	432	519	256	948	1,024	398	671	925	265	N/A	1,554	513	7,505
Concrete Slab	180	248	121	363	432	151	315	391	126	N/A	693	196	3,216
Other	27	51	15	38	79	25	52	115	29	N/A	165	45	641
Not Asked	413	97	114	446	289	163	202	222	108	N/A	487	101	2,642
Don't Know	37	66	20	64	89	30	48	86	23	N/A	130	54	647
Refused	1	1	0	2	1	1	3	2	2	N/A	3	2	18
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

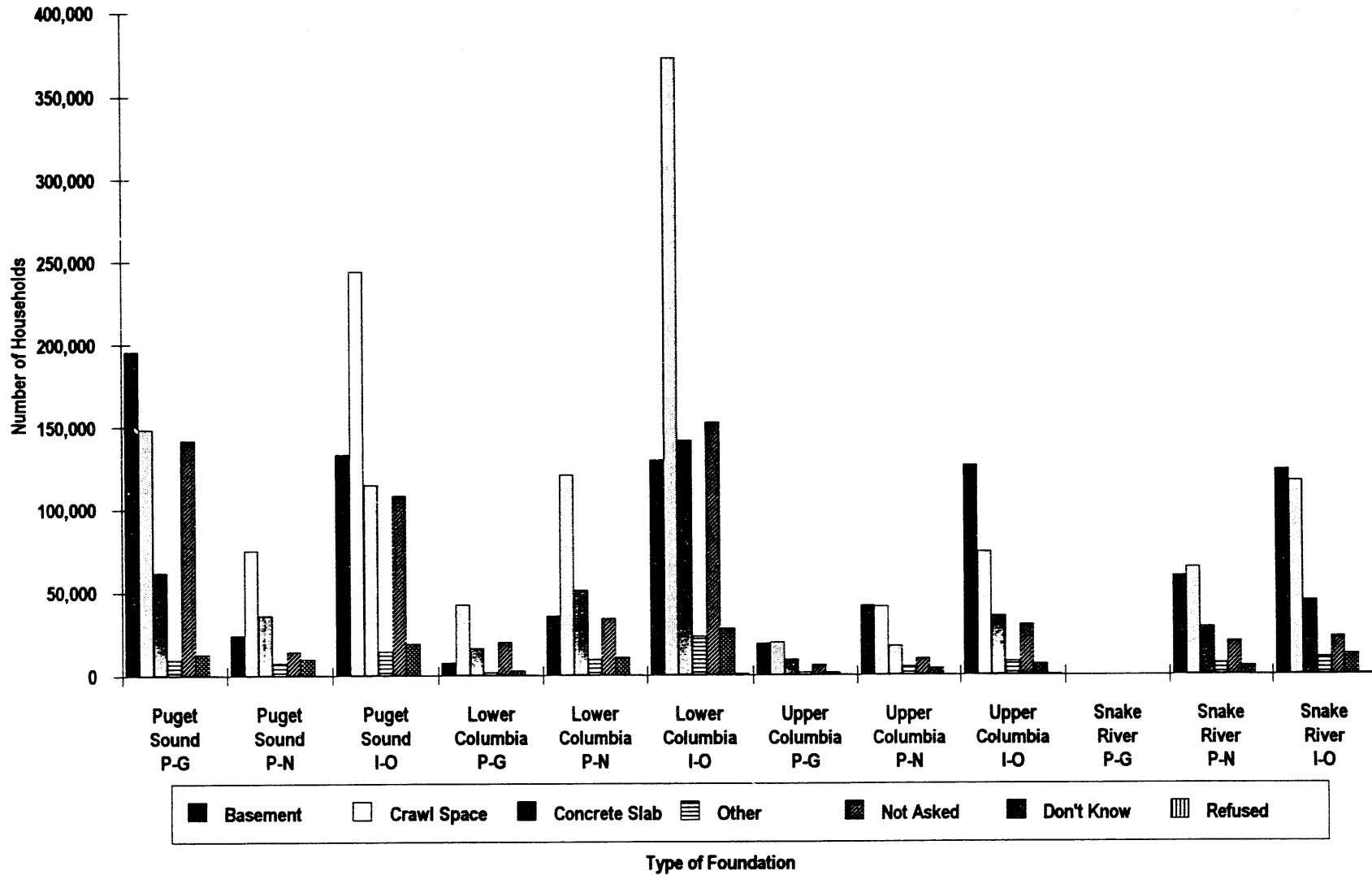
Weighted Data

TYPE OF FOUNDATION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Basement	195,647	24,393	133,431	7,448	35,595	130,194	18,989	41,714	127,069	N/A	59,526	124,119	898,124
Crawl Space	148,280	75,356	243,987	42,279	121,093	372,786	19,603	41,224	74,170	N/A	64,597	117,046	1,320,421
Concrete Slab	61,783	36,008	115,322	16,189	51,086	141,434	9,203	17,425	35,266	N/A	28,807	44,720	557,242
Other	9,267	7,405	14,296	1,695	9,342	23,416	1,519	5,125	8,117	N/A	6,859	10,267	97,309
Not Asked	141,758	14,084	108,651	19,891	34,176	152,674	5,901	9,894	30,228	N/A	20,244	23,044	560,543
Don't Know	12,700	9,583	19,062	2,854	10,525	28,099	1,402	3,833	6,437	N/A	5,404	12,321	112,220
Refused	343	145	0	89	118	937	88	89	560	N/A	125	456	2,950
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-6: Type of Foundation by Area Office

Q26: What type of foundation does your home have?



Not Asked: Respondents were asked this question if they answered Q16 'Manufactured Home' or 'Single Family Dwelling'.

Table D-7: Cathedral or Vaulted Ceilings by Area Office

Q30: Do you have any cathedral or vaulted ceilings in your home?

Raw Data

CATHEDRAL OR VAULTED CEILINGS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	280	271	196	406	527	193	389	538	193	N/A	849	253	4,095
No	1,375	876	466	1,610	1,673	714	1,541	2,127	812	N/A	3,592	1,198	15,984
Don't Know	5	3	4	12	15	0	11	12	2	N/A	23	4	91
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

CATHEDRAL OR VAULTED CEILINGS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	96,107	39,348	186,803	18,107	62,320	180,773	11,364	23,977	54,018	N/A	35,292	57,725	765,833
No	471,955	127,190	444,133	71,802	197,840	668,768	45,019	94,793	227,268	N/A	149,314	273,337	2,771,418
Don't Know	1,716	436	3,812	535	1,774	0	321	535	560	N/A	956	913	11,558
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-7: Cathedral or Vaulted Ceilings by Area Office

Q30: Do you have any cathedral or vaulted ceilings in your home?

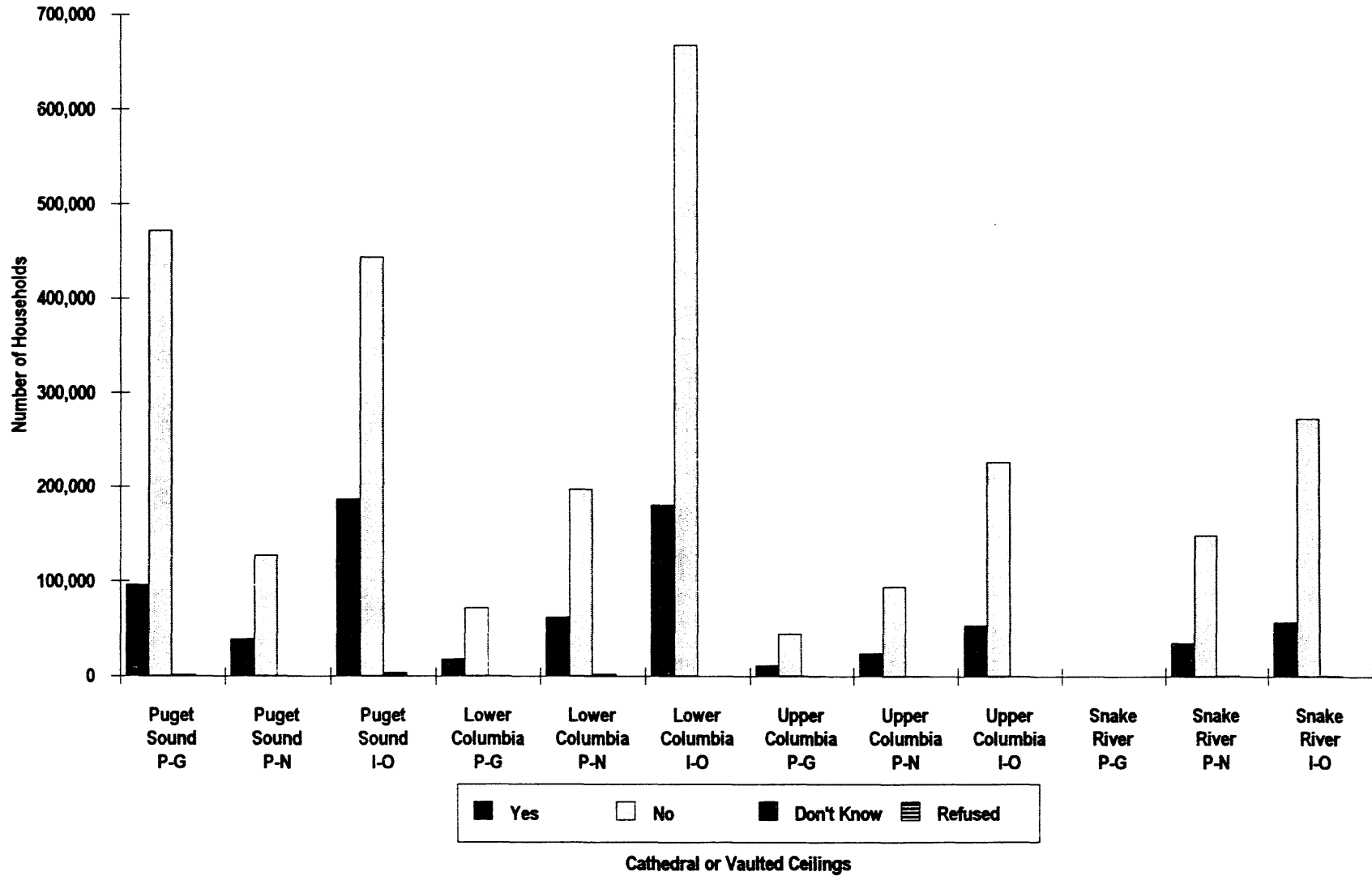


Table D-8: Number of Living Rooms by Area Office

Q32A: How many living rooms do you have in your home?

Raw Data

NUMBER OF LIVING ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	2	4	1	19	4	0	3	7	2	N/A	9	1	52
One	1,600	1,119	638	1,949	2,149	884	1,856	2,560	956	N/A	4,272	1,375	19,358
Two	52	24	24	59	58	20	79	106	45	N/A	177	77	721
Three or More	5	3	3	1	4	3	3	4	4	N/A	5	2	37
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	1	0	0	0	0	0	0	0	0	N/A	1	0	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF LIVING ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	686	581	953	847	473	0	88	312	560	N/A	374	228	5,102
One	549,184	162,472	608,062	86,921	254,129	827,998	54,222	114,090	267,572	N/A	177,581	313,721	3,415,950
Two	17,848	3,485	22,874	2,631	6,859	18,733	2,308	4,724	12,595	N/A	7,358	17,568	116,983
Three or More	1,716	436	2,859	45	473	2,810	88	178	1,120	N/A	208	456	10,388
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	343	0	0	0	0	0	0	0	0	N/A	42	0	385
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-8: Number of Living Rooms by Area Office

Q32A: How many living rooms do you have in your home?

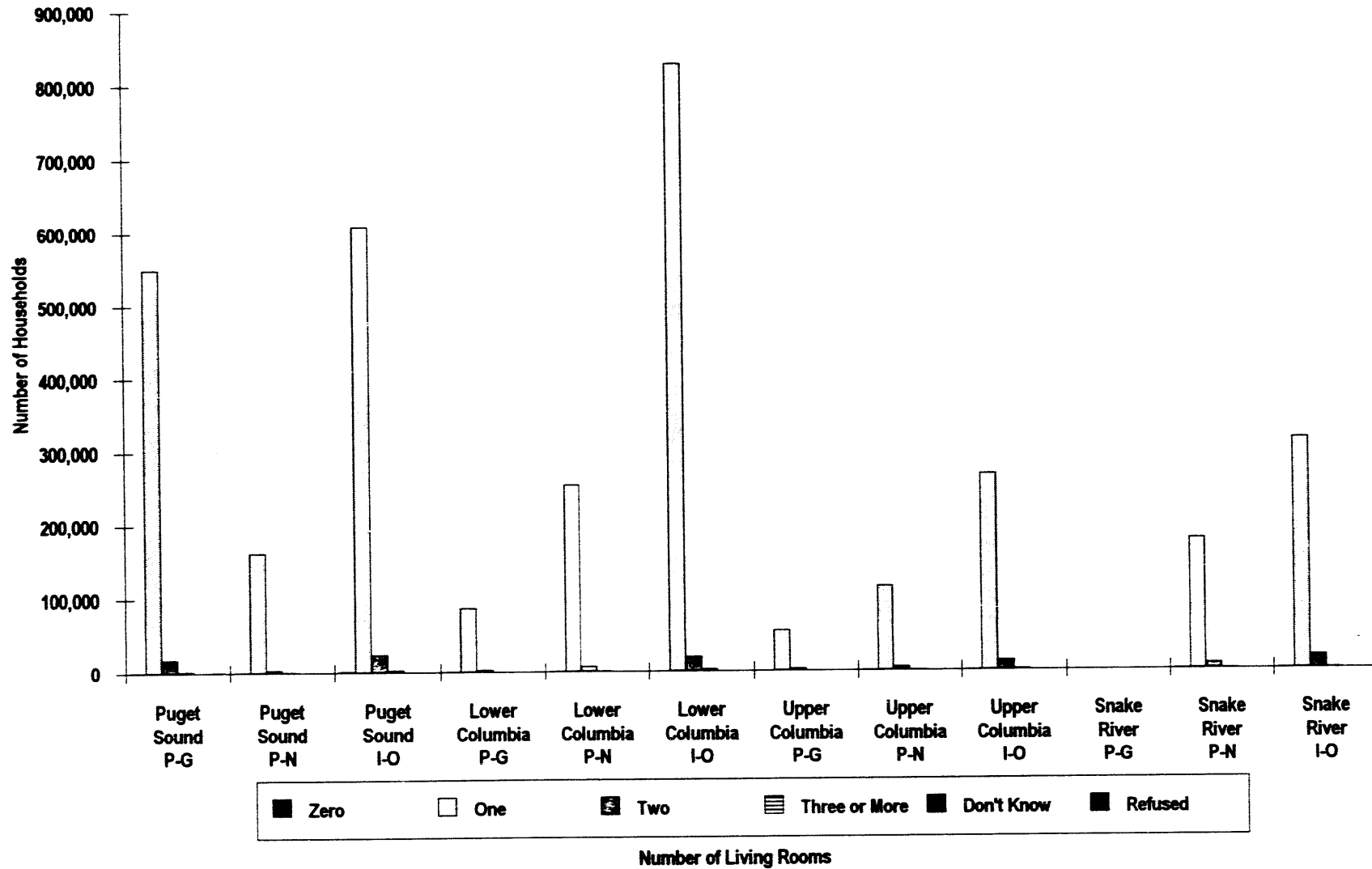


Table D-9: Number of Kitchens by Area Office

Q32B: How many kitchens do you have in your home?

Raw Data

NUMBER OF KITCHENS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	2	1	0	3	2	1	1	8	1	N/A	4	1	24
One	1,631	1,142	652	2,001	2,195	892	1,908	2,628	994	N/A	4,403	1,439	19,885
Two	24	6	13	24	17	13	30	38	12	N/A	55	14	246
Three or More	2	1	1	0	1	1	2	3	0	N/A	1	1	13
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	1	0	0	0	0	0	0	0	0	N/A	1	0	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF KITCHENS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	686	145	0	134	237	937	29	357	280	N/A	166	228	3,199
One	559,824	165,811	621,405	89,240	259,569	835,491	55,741	117,120	278,207	N/A	183,026	328,323	3,493,759
Two	8,238	871	12,390	1,070	2,010	12,176	876	1,694	3,359	N/A	2,286	3,194	48,165
Three or More	686	145	953	0	118	937	58	134	0	N/A	42	228	3,302
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	343	0	0	0	0	0	0	0	0	N/A	42	0	385
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-9: Number of Kitchens by Area Office

Q32B: How many kitchens do you have in your home?

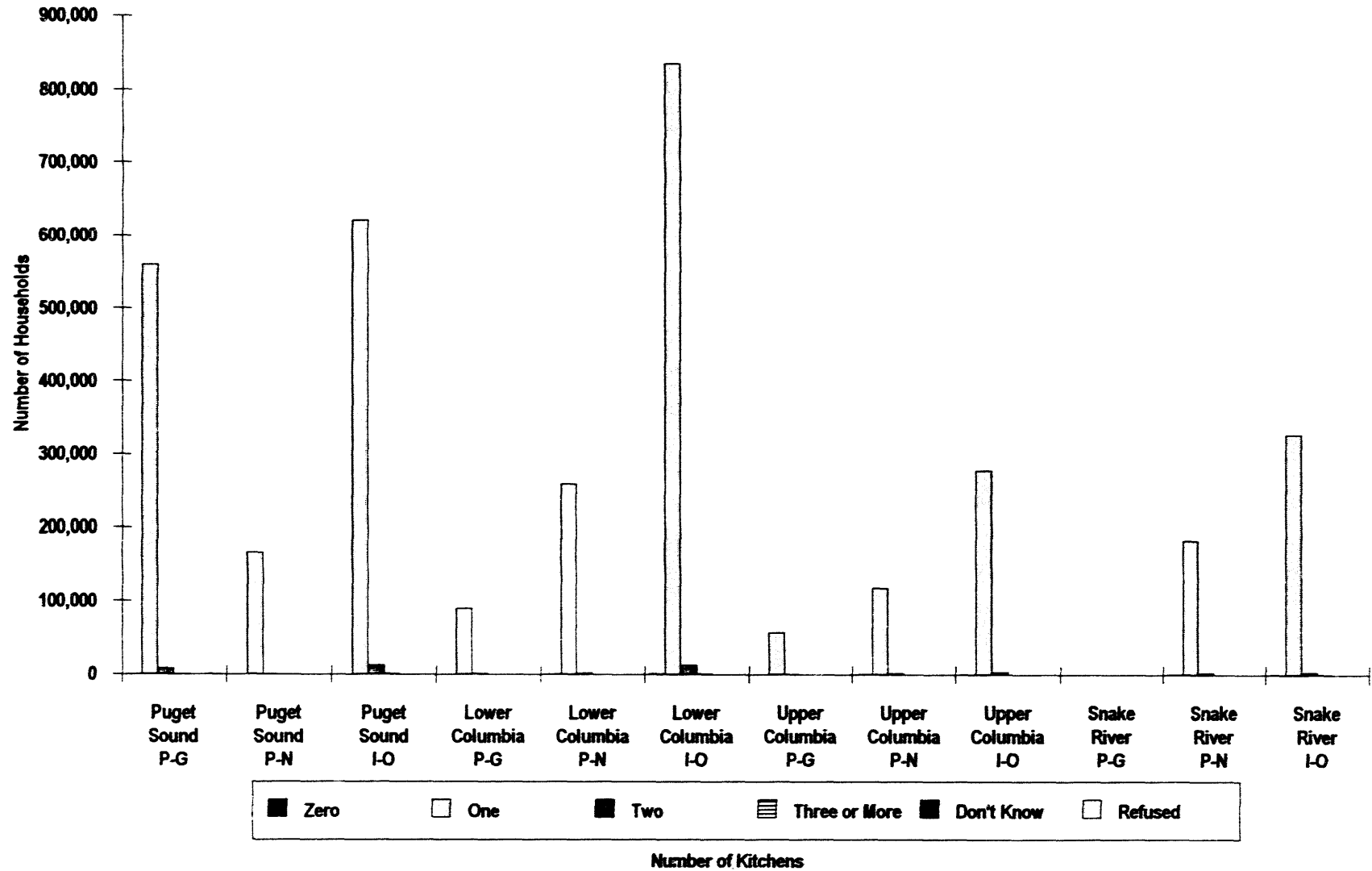


Table D-10: Number of Kitchens with Eating Areas by Area Office

Q32C: How many kitchens with eating areas do you have in your home?

Raw Data

NUMBER OF KITCHENS WITH EATING AREAS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	642	436	254	806	766	311	722	916	336	N/A	1,504	467	7,160
One	1,003	711	406	1,212	1,441	589	1,202	1,738	666	N/A	2,929	978	12,875
Two	12	3	5	10	8	7	15	20	5	N/A	30	9	124
Three or More	2	0	1	0	0	0	2	3	0	N/A	0	1	9
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	1	0	0	0	0	0	0	0	0	N/A	1	0	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF KITCHENS WITH EATING AREAS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	220,360	63,305	242,081	35,946	90,583	291,298	21,093	40,823	94,042	N/A	62,519	106,551	1,268,600
One	344,270	103,233	386,948	54,052	170,405	551,686	35,116	77,456	186,405	N/A	121,754	223,141	2,254,466
Two	4,119	436	4,765	446	946	6,557	438	891	1,399	N/A	1,247	2,053	23,298
Three or More	686	0	953	0	0	0	58	134	0	N/A	0	228	2,060
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	343	0	0	0	0	0	0	0	0	N/A	42	0	385
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-10: Number of Kitchens with Eating Areas by Area Office

Q32C: How many kitchens with eating areas do you have in your home?

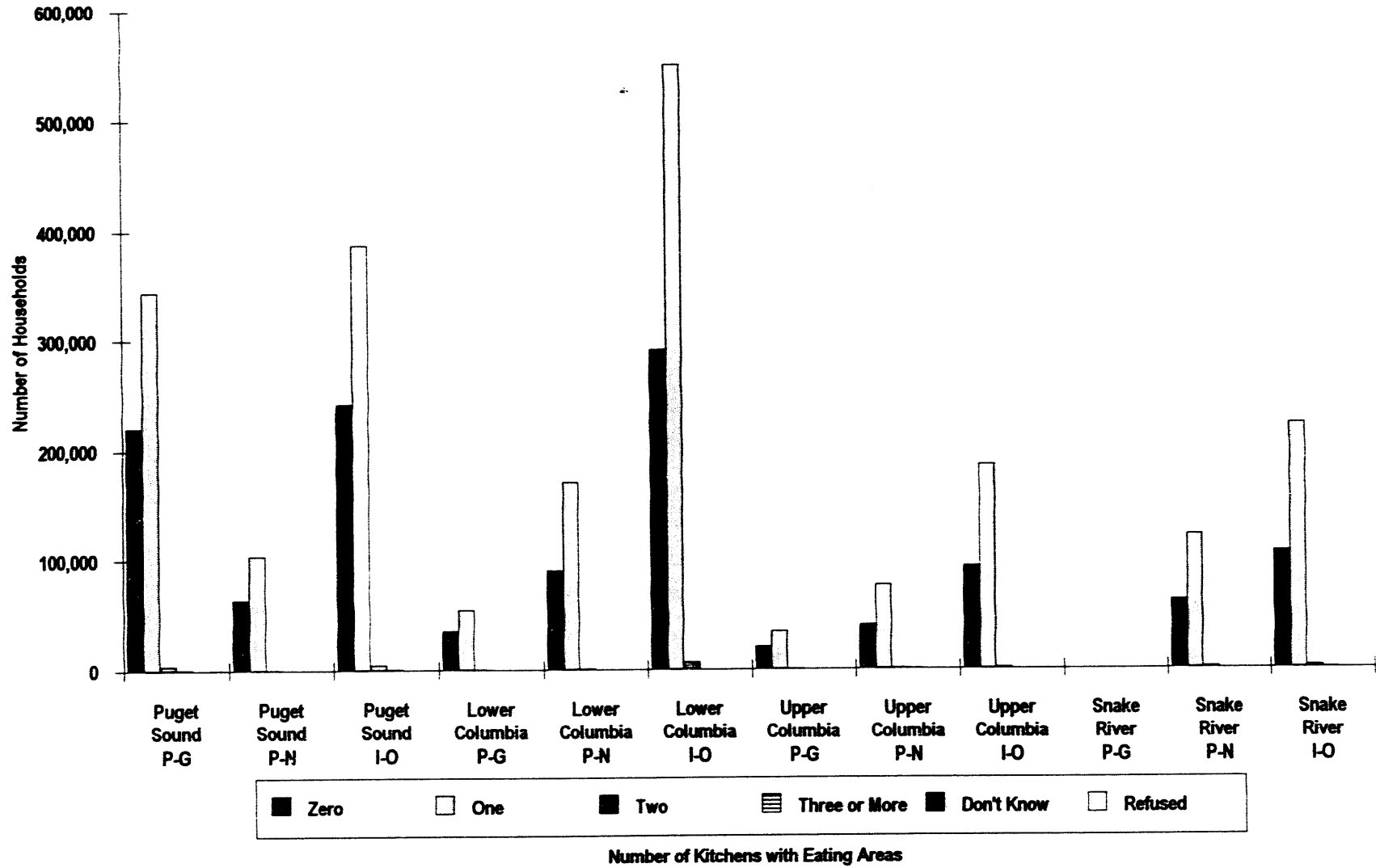


Table D-11: Number of Dining Rooms by Area Office

Q32D: How many dining rooms do you have in your home?

Raw Data

NUMBER OF DINING ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	588	452	203	812	848	354	713	1,302	454	N/A	1,948	652	8,326
One	1,058	695	459	1,209	1,353	549	1,213	1,363	541	N/A	2,492	799	11,731
Two	10	3	2	6	13	4	7	7	11	N/A	19	4	86
Three or More	1	0	1	1	1	0	1	0	0	N/A	0	0	5
Don't Know	2	0	1	0	0	0	7	5	1	N/A	3	0	19
Refused	1	0	0	0	0	0	0	0	0	N/A	2	0	3
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF DINING ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	201,825	65,628	193,474	36,213	100,280	331,574	20,830	58,025	127,069	N/A	80,975	148,761	1,364,654
One	363,148	100,910	437,461	53,918	159,998	514,221	35,437	60,744	151,419	N/A	103,589	182,300	2,163,145
Two	3,432	436	1,906	268	1,537	3,747	205	312	3,079	N/A	790	913	16,623
Three or More	343	0	953	45	118	0	29	0	0	N/A	0	0	1,488
Don't Know	686	0	953	0	0	0	205	223	280	N/A	125	0	2,471
Refused	343	0	0	0	0	0	0	0	0	N/A	83	0	426
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-11: Number of Dining Rooms by Area Office

Q32D: How many dining rooms do you have in your home?

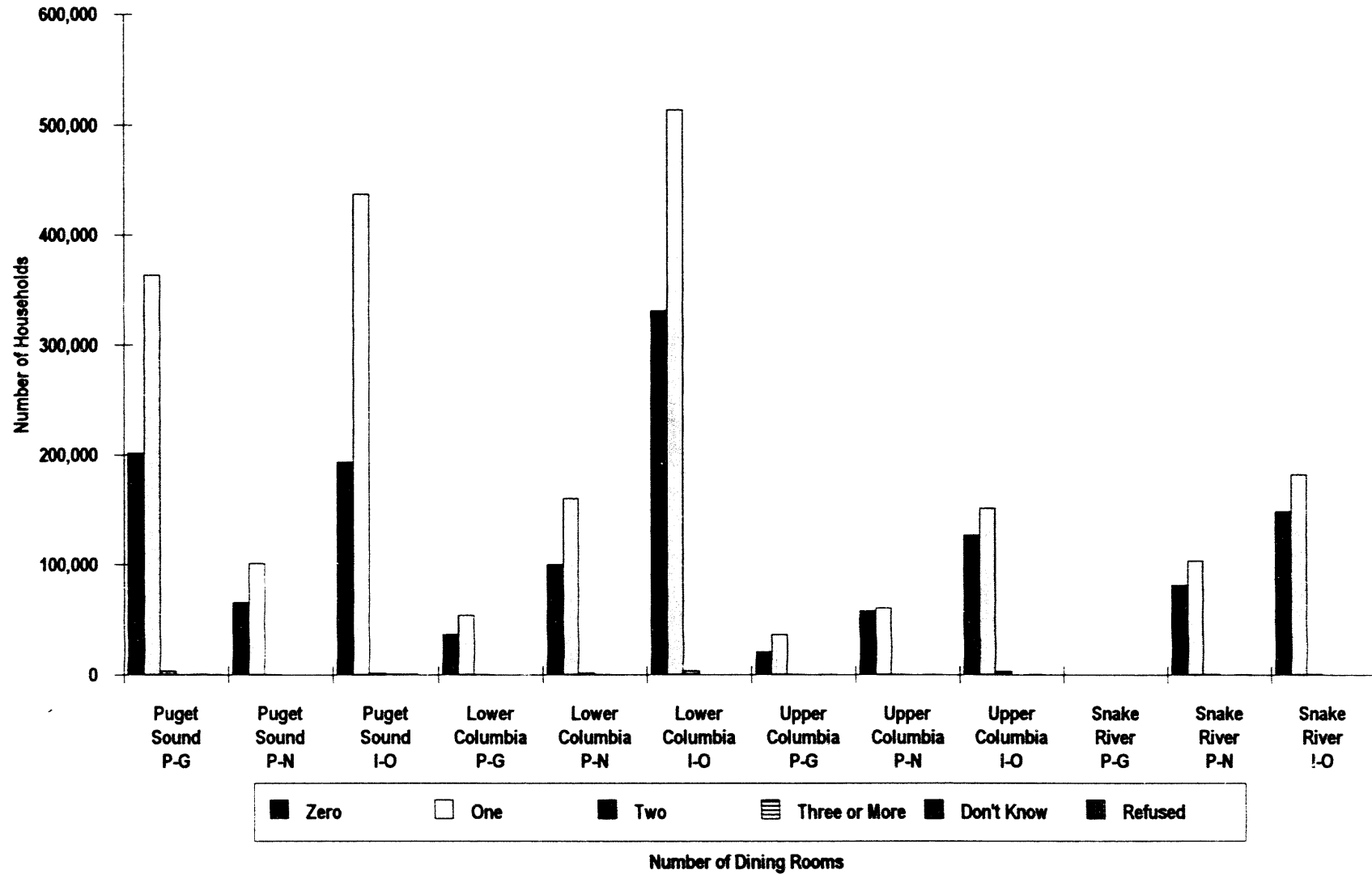


Table D-12: Number of Bedrooms by Area Office

Q32E: How many bedrooms do you have in your home?

Raw Data

NUMBER OF BEDROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	14	1	0	19	9	2	2	5	0	N/A	10	5	67
One	195	85	49	175	133	59	106	210	72	N/A	235	45	1,364
Two	503	378	171	538	638	256	536	810	293	N/A	1,240	333	5,696
Three	621	504	303	942	1,058	449	862	1,101	389	N/A	1,922	672	8,823
Four	243	133	118	276	294	109	336	421	192	N/A	721	256	3,099
Five	64	41	24	56	57	26	81	110	52	N/A	286	112	909
Six or More	19	8	1	22	26	6	18	20	9	N/A	47	32	208
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	1	0	0	0	0	0	0	0	0	N/A	3	0	4
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF BEDROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	4,805	145	0	847	1,064	1,873	58	223	0	N/A	416	1,141	10,573
One	66,932	12,341	46,701	7,805	15,728	55,262	3,097	9,359	20,152	N/A	9,769	10,267	257,412
Two	172,650	54,883	162,976	23,994	75,446	239,782	15,659	36,099	82,007	N/A	51,545	75,978	991,018
Three	213,152	73,178	288,782	42,011	125,113	420,556	25,183	49,067	108,876	N/A	79,895	153,324	1,579,136
Four	83,407	19,311	112,463	12,309	34,767	102,095	9,816	18,762	53,738	N/A	29,971	58,409	535,048
Five	21,967	5,953	22,874	2,497	6,741	24,353	2,366	4,902	14,554	N/A	11,889	25,554	143,650
Six or More	6,522	1,162	953	981	3,075	5,620	526	891	2,519	N/A	1,954	7,301	31,503
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	343	0	0	0	0	0	0	0	0	N/A	125	0	468
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-12: Number of Bedrooms by Area Office

Q32E: How many bedrooms do you have in your home?

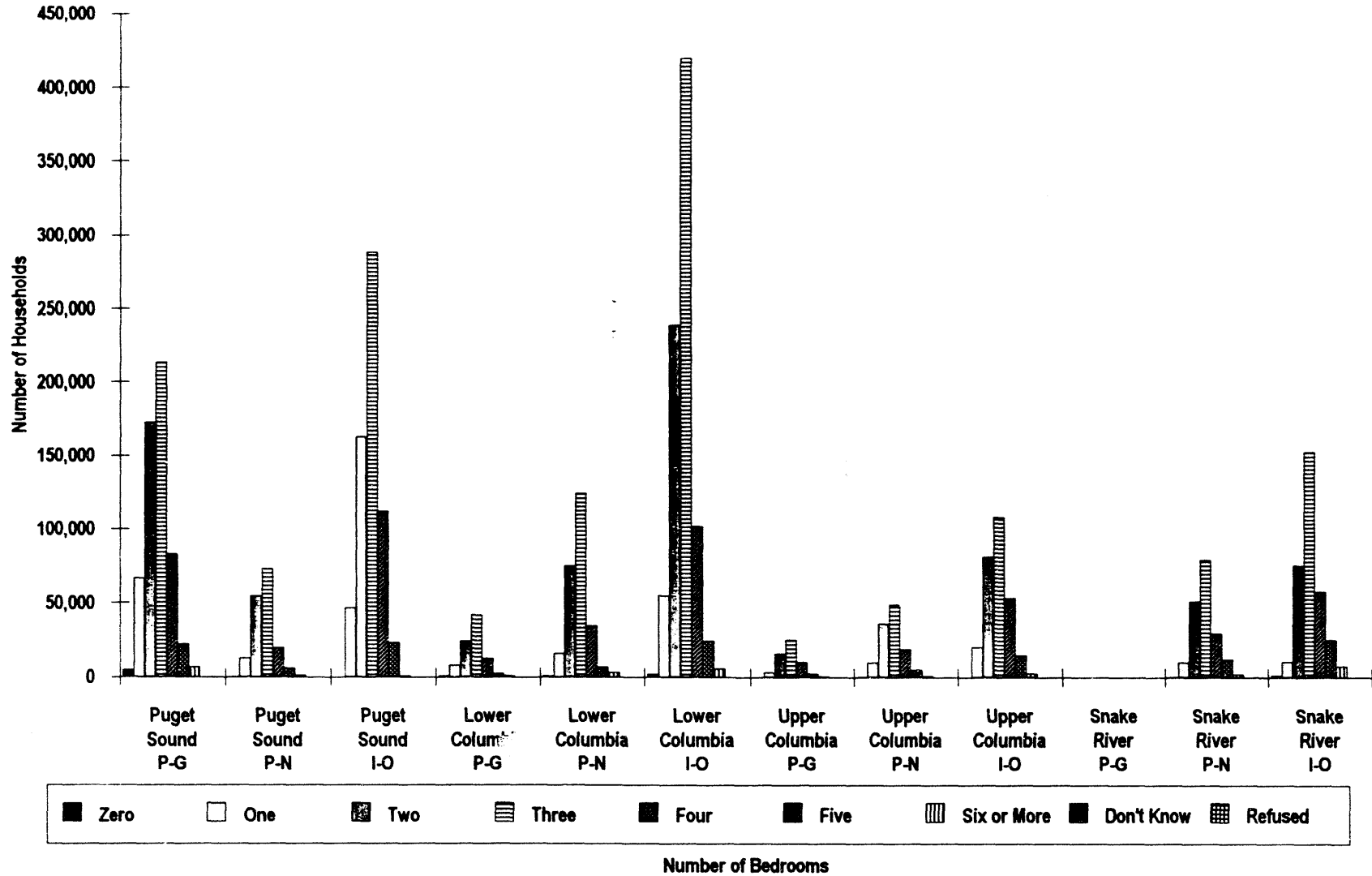


Table D-13: Number of Bathrooms by Area Office

Q32F: How many bathrooms do you have in your home?

Raw Data

NUMBER OF BATHROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	1	5	0	2	1	0	1	9	3	N/A	1	1	24
One	748	508	247	891	898	420	822	1,300	491	N/A	1,955	609	8,889
Two	656	509	278	867	1,030	392	841	1,093	399	N/A	1,919	644	8,628
Three	222	110	123	243	257	84	246	252	104	N/A	516	168	2,325
Four	24	15	16	20	21	11	26	19	7	N/A	62	28	249
Five or More	8	3	2	5	8	0	5	4	3	N/A	9	5	52
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	1	0	0	0	0	0	0	0	0	N/A	2	0	3
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF BATHROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	343	726	0	89	118	0	29	401	840	N/A	42	228	2,816
One	256,743	73,759	235,410	39,736	106,193	393,393	24,014	57,936	137,424	N/A	81,266	138,950	1,544,824
Two	225,165	73,904	264,955	38,666	121,802	367,167	24,569	48,711	111,675	N/A	79,770	146,936	1,503,319
Three	76,199	15,971	117,228	10,837	30,391	78,679	7,187	11,231	29,108	N/A	21,449	38,331	436,612
Four	8,238	2,178	15,249	892	2,483	10,303	760	847	1,959	N/A	2,577	6,389	51,875
Five or More	2,746	436	1,906	223	946	0	146	178	840	N/A	374	1,141	8,936
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	343	0	0	0	0	0	0	0	0	N/A	83	0	426
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-13: Number of Bathrooms by Area Office

Q32F: How many bathrooms do you have in your home?

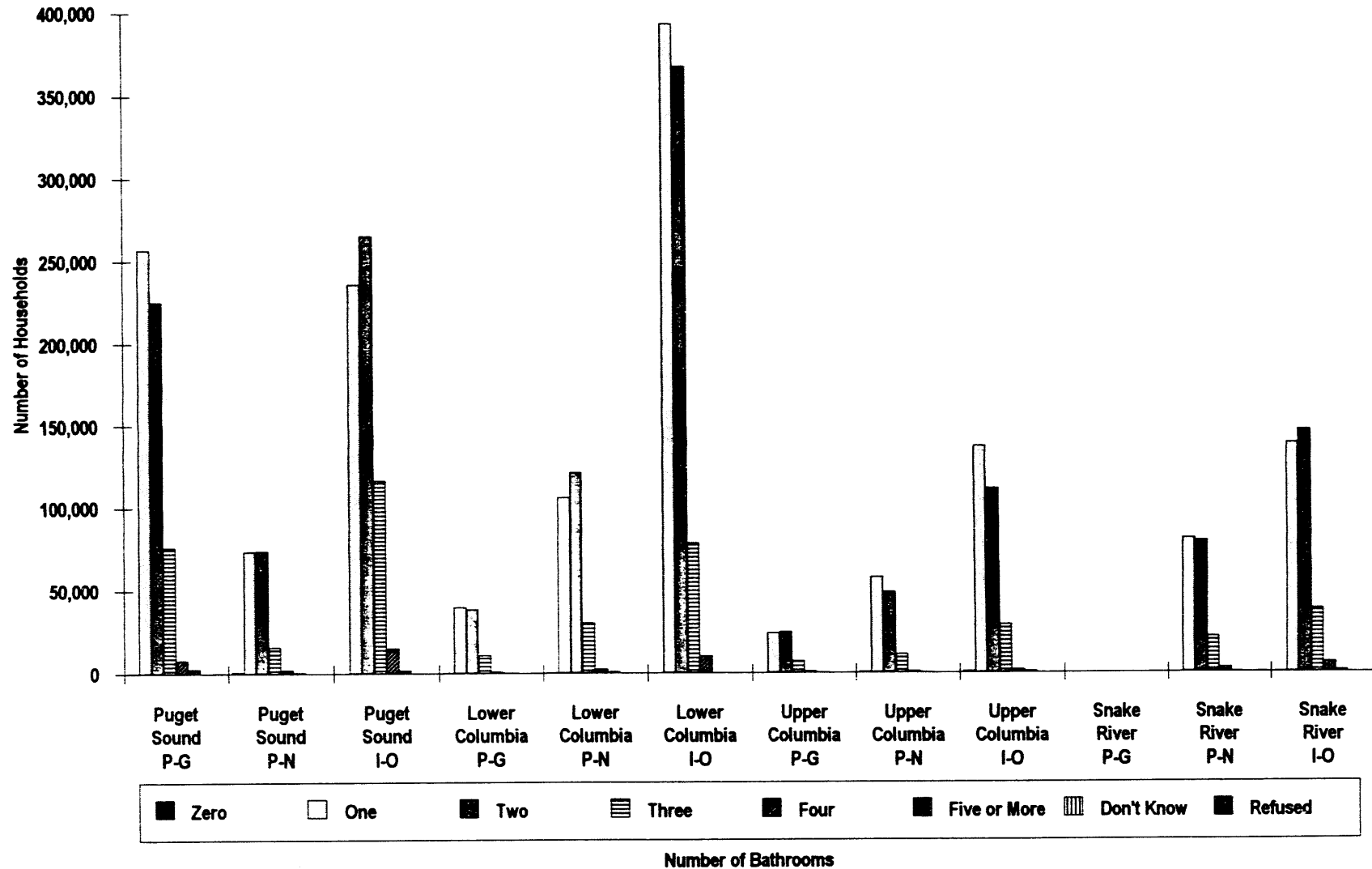


Table D-14: Number of Dens, Studies, Libraries, or Sewing Rooms by Area Office

Q38A: How many dens, studies, libraries, or sewing rooms do you have in your home?

Raw Data

NUMBER OF DENS, STUDIES, LIBRARIES, OR SEWING ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	1,241	841	483	1,602	1,668	692	1,451	1,928	722	N/A	3,301	1,070	14,999
One	371	277	154	381	495	198	432	679	248	N/A	1,031	339	4,605
Two	34	25	20	33	42	14	44	54	27	N/A	93	40	426
Three or More	7	7	5	11	9	3	6	6	6	N/A	31	4	95
Don't Know	6	0	4	1	1	0	7	10	3	N/A	6	2	40
Refused	1	0	0	0	0	0	1	0	1	N/A	2	0	5
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF DENS, STUDIES, LIBRARIES, OR SEWING ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	425,961	122,108	460,335	71,445	197,249	648,161	42,390	85,924	202,078	N/A	137,218	244,132	2,637,001
One	127,342	40,219	146,774	16,992	58,536	185,457	12,621	30,261	69,412	N/A	42,857	77,347	807,815
Two	11,670	3,630	19,062	1,472	4,967	13,113	1,285	2,407	7,557	N/A	3,866	9,126	78,154
Three or More	2,403	1,016	4,765	491	1,064	2,810	175	267	1,679	N/A	1,289	913	16,872
Don't Know	2,059	0	3,812	45	118	0	205	446	840	N/A	249	456	8,230
Refused	343	0	0	0	0	0	29	0	280	N/A	83	0	735
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-14: Number of Dens, Studies, Libraries, or Sewing Rooms by Area Office

Q38A: How many dens, studies, libraries, or sewing rooms do you have in your home?

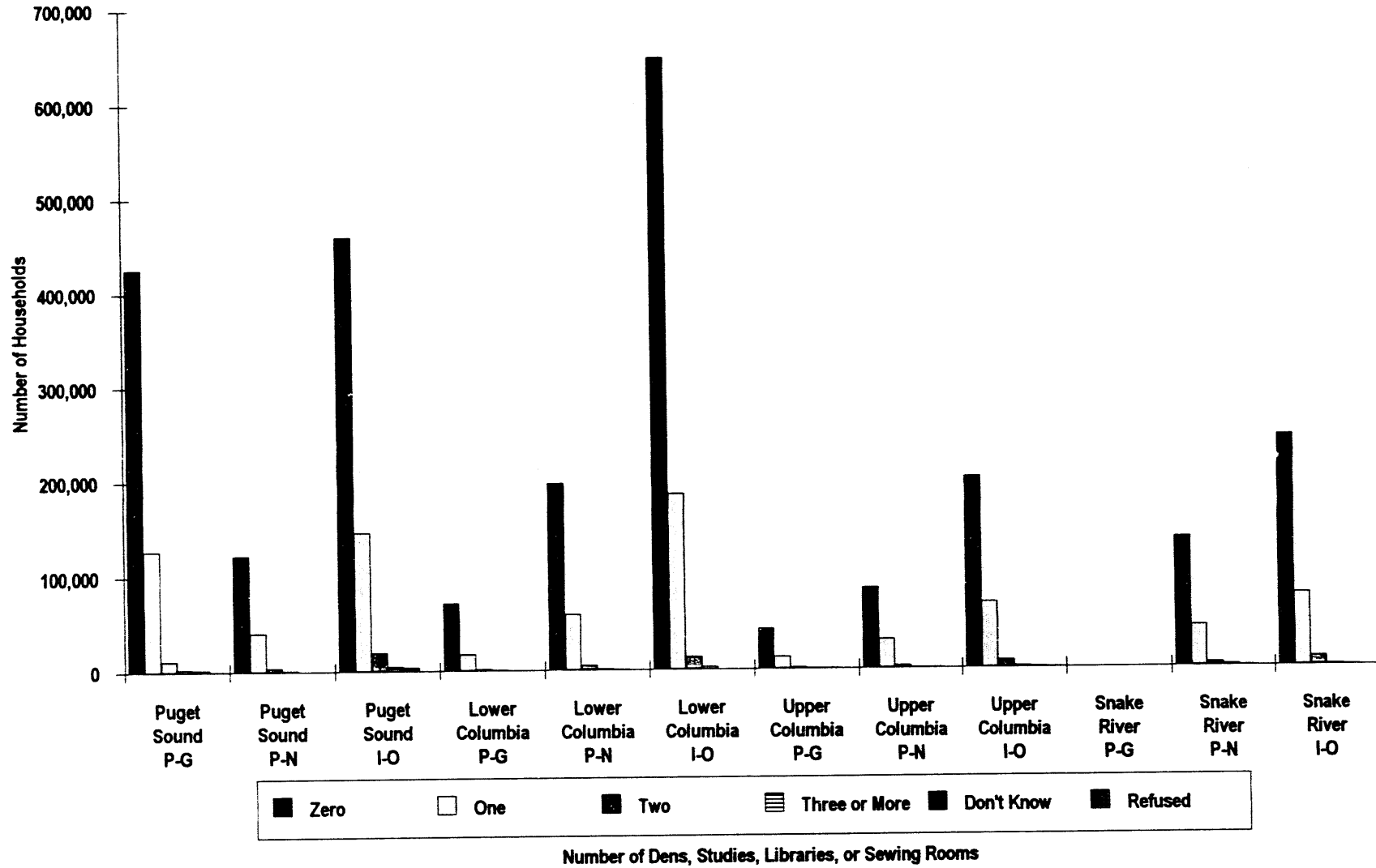


Table D-15: Number of Family or Recreation Rooms by Area Office

Q38B: How many family or recreation rooms do you have in your home?

Raw Data

NUMBER OF FAMILY OR RECREATION ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	1,108	839	386	1,410	1,530	623	1,270	2,025	710	N/A	2,975	916	13,792
One	519	305	263	602	669	275	646	621	282	N/A	1,393	509	6,084
Two	21	6	12	13	14	9	19	24	11	N/A	87	29	245
Three or More	3	0	1	3	2	0	2	1	1	N/A	2	0	15
Don't Know	7	0	3	0	0	0	4	6	3	N/A	5	1	29
Refused	2	0	1	0	0	0	0	0	0	N/A	2	0	5
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF FAMILY OR RECREATION ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	380,310	121,818	367,887	62,883	180,930	583,533	37,102	90,247	198,720	N/A	123,666	208,995	2,356,089
One	178,141	44,284	250,659	26,848	79,112	257,579	18,872	27,676	78,928	N/A	57,905	116,134	1,136,138
Two	7,208	871	11,437	580	1,656	8,430	555	1,070	3,079	N/A	3,616	6,617	45,118
Three or More	1,030	0	953	134	237	0	58	45	280	N/A	83	0	2,819
Don't Know	2,403	0	2,859	0	0	0	117	267	840	N/A	208	228	6,922
Refused	686	0	953	0	0	0	0	0	0	N/A	83	0	1,723
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-15: Number of Family or Recreation Rooms by Area Office
 Q38B: How many family or recreation rooms do you have in your home?

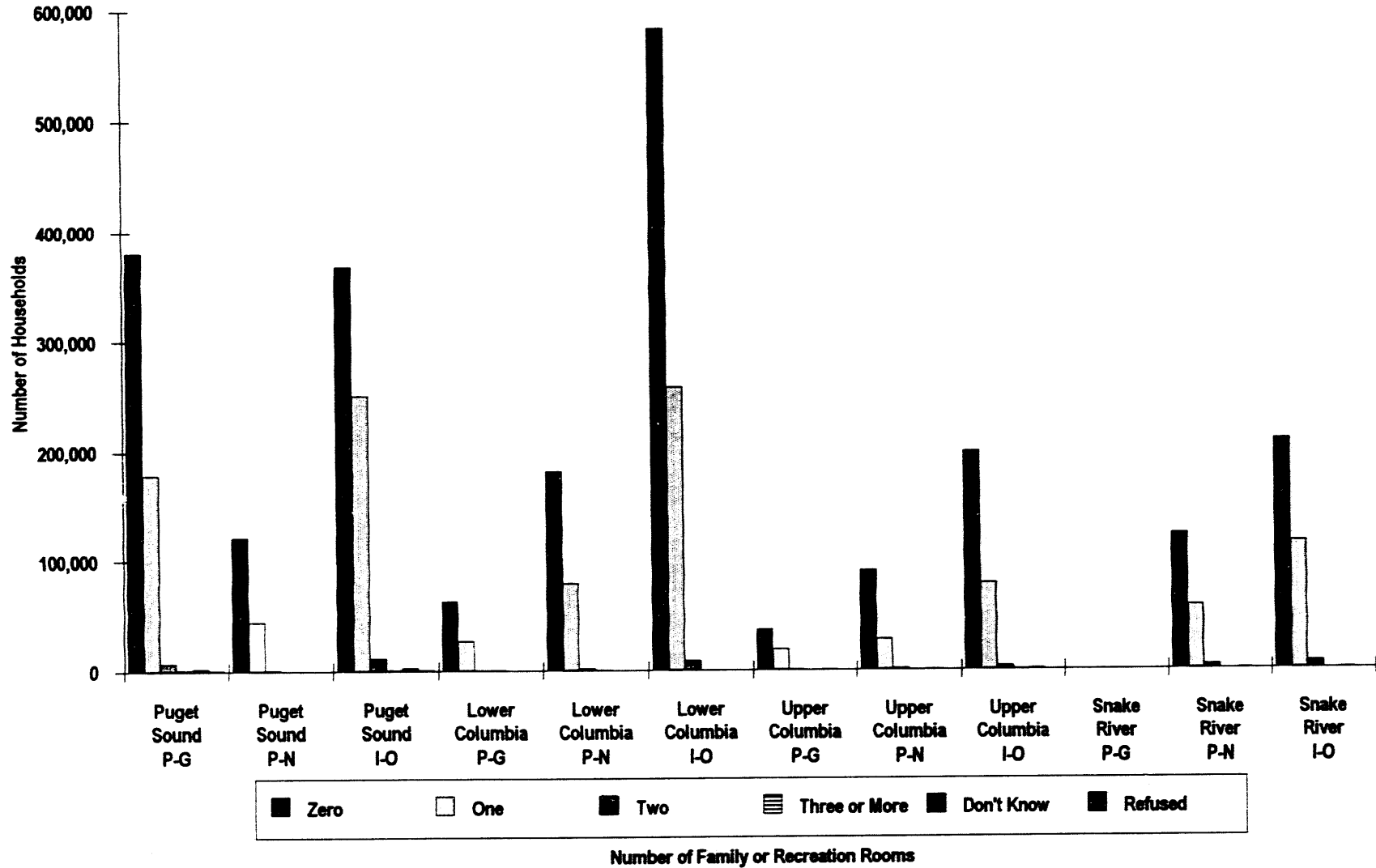


Table D-16: Number of Utility or Work Rooms by Area Office

Q38C: How many utility or work rooms do you have in your home?

Raw Data

NUMBER OF UTILITY OR WORK ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	773	431	260	961	856	386	713	1,095	404	N/A	1,571	481	7,931
One	834	699	390	1,048	1,330	506	1,190	1,526	578	N/A	2,782	941	11,824
Two	46	18	11	19	27	12	38	46	24	N/A	104	30	375
Three or More	1	1	1	0	2	3	0	4	0	N/A	2	3	17
Don't Know	5	1	3	0	0	0	0	6	1	N/A	3	0	19
Refused	1	0	1	0	0	0	0	0	0	N/A	2	0	4
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF UTILITY OR WORK ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	265,324	62,579	247,800	42,858	101,226	361,547	20,830	48,800	113,074	N/A	65,304	109,745	1,439,087
One	286,262	101,491	371,699	46,738	157,279	473,945	34,765	68,008	161,775	N/A	115,644	214,699	2,032,304
Two	15,789	2,613	10,484	847	3,193	11,240	1,110	2,050	6,717	N/A	4,323	6,845	65,212
Three or More	343	145	953	0	237	2,810	0	178	0	N/A	83	684	5,434
Don't Know	1,716	145	2,859	0	0	0	0	267	280	N/A	125	0	5,393
Refused	343	0	953	0	0	0	0	0	0	N/A	83	0	1,379
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-16: Number of Utility or Work Rooms by Area Office

Q38C: How many utility or work rooms do you have in your home?

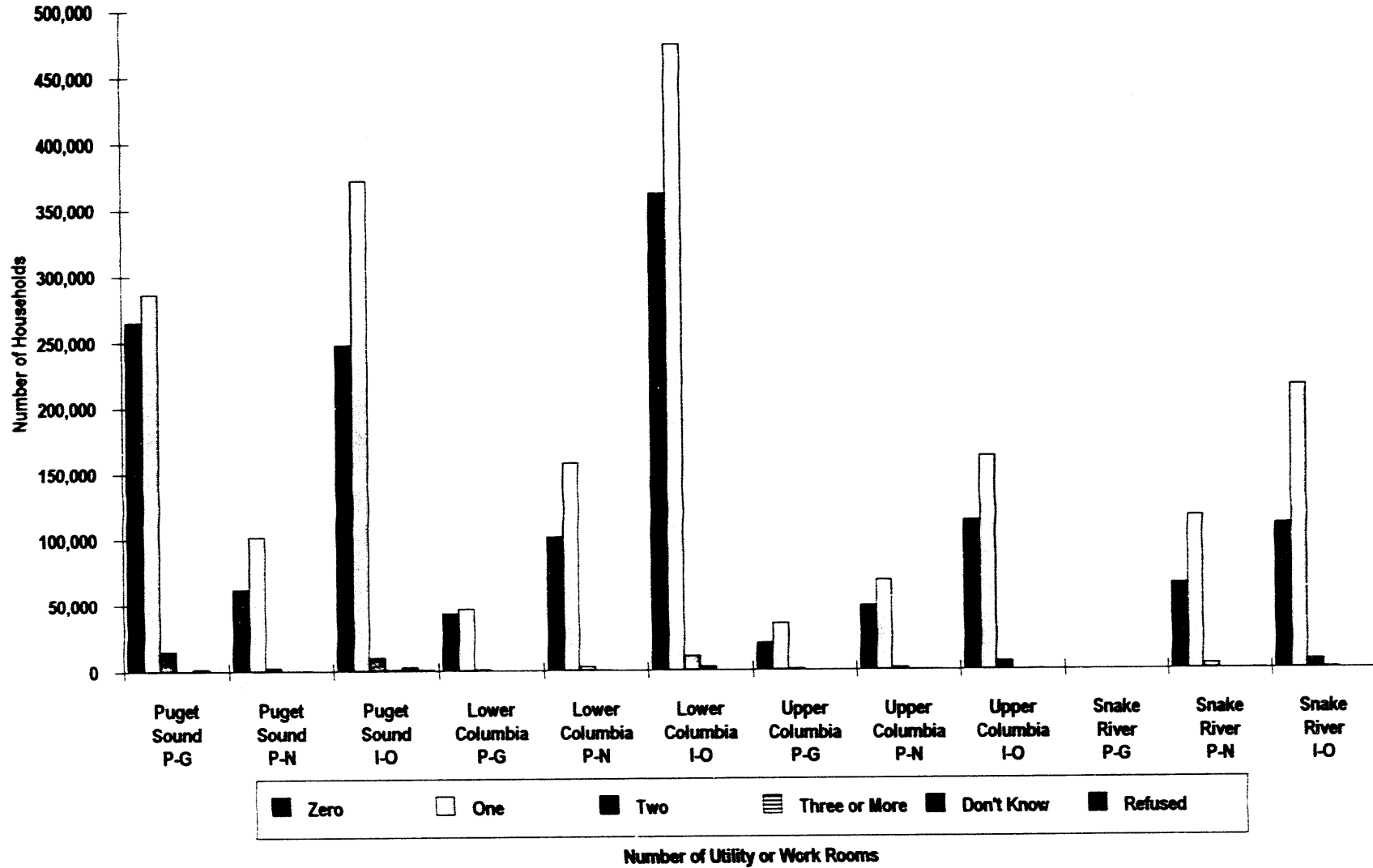


Table D-17: Number of Other Small Rooms by Area Office

Q38D: How many other small rooms (80 square feet or less) do you have in your home?

Raw Data

NUMBER OF OTHER SMALL ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	1,399	967	567	1,809	1,956	793	1,619	2,197	820	N/A	3,689	1,192	17,008
One	215	163	83	187	219	101	254	417	150	N/A	636	227	2,652
Two	30	14	7	20	25	8	42	37	29	N/A	90	21	323
Three	5	4	2	8	7	2	6	5	1	N/A	13	8	61
Four or More	1	1	2	1	2	1	5	7	2	N/A	18	1	41
Don't Know	8	1	5	3	5	2	14	14	5	N/A	16	6	79
Refused	2	0	0	0	1	0	1	0	0	N/A	2	0	6
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF OTHER SMALL ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	480,192	140,403	540,394	80,677	231,306	742,763	47,298	97,912	229,507	N/A	153,346	271,968	3,015,766
One	73,797	23,667	79,105	8,340	25,898	94,602	7,420	18,584	41,983	N/A	26,438	51,793	451,625
Two	10,297	2,033	6,672	892	2,956	7,493	1,227	1,649	8,117	N/A	3,741	4,791	49,868
Three	1,716	581	1,906	357	828	1,873	175	223	280	N/A	540	1,825	10,305
Four or More	343	145	1,906	45	237	937	146	312	560	N/A	748	228	5,607
Don't Know	2,746	145	4,765	134	591	1,873	409	624	1,399	N/A	665	1,369	14,721
Refused	686	0	0	0	118	0	29	0	0	N/A	83	0	917
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-17: Number of Other Small Rooms by Area Office

Q38D: How many other small rooms (80 square feet or less) do you have in your home?

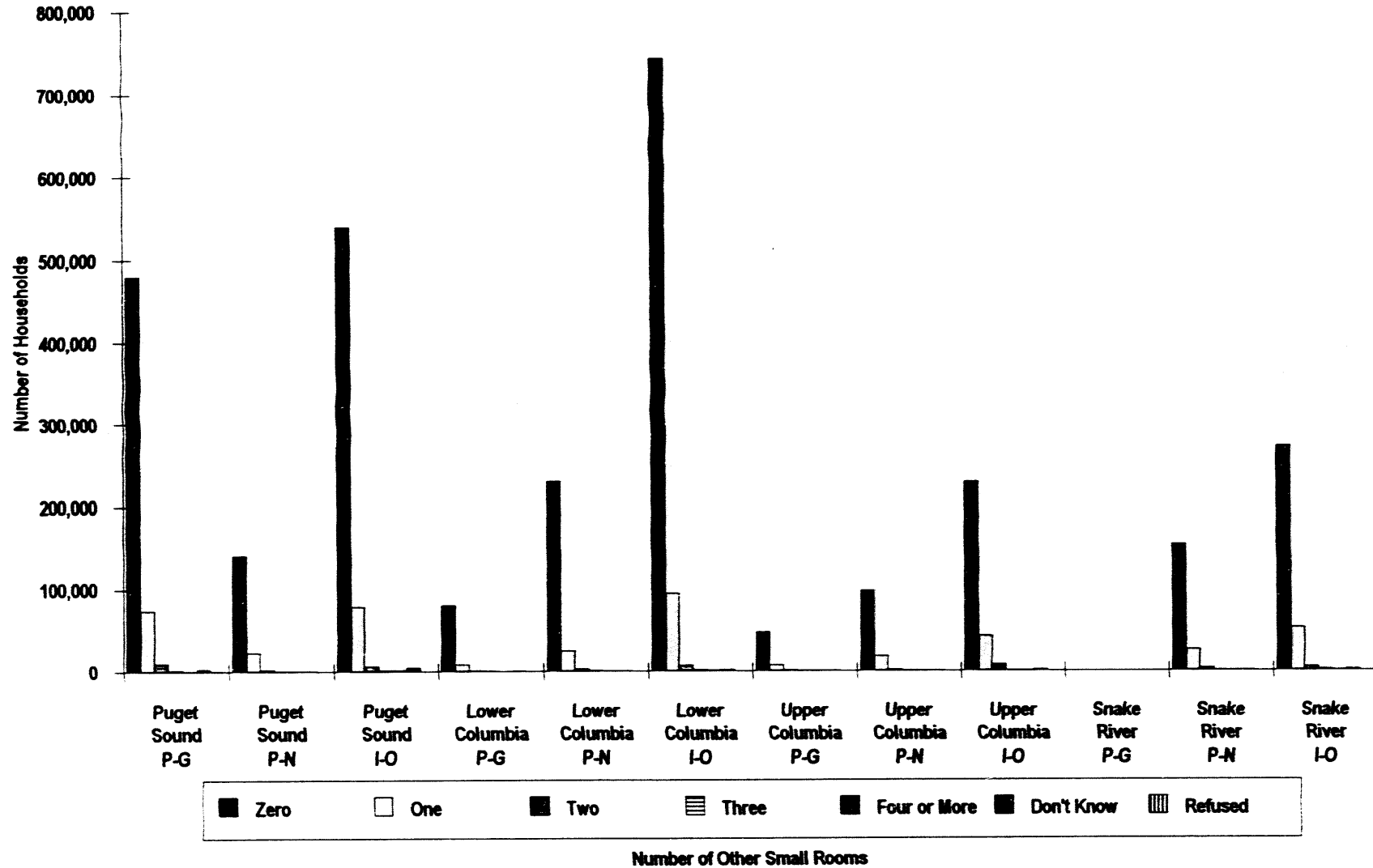


Table D-18: Number of Other Large Rooms by Area Office

Q38E: How many other large rooms (more than 80 square feet) do you have in your home?

Raw Data

NUMBER OF OTHER LARGE ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	1,535	1,075	613	1,918	2,080	847	1,792	2,485	938	N/A	4,107	1,364	18,754
One	103	61	39	101	116	45	117	154	57	N/A	294	75	1,162
Two	6	6	3	4	8	7	9	9	4	N/A	25	6	87
Three	1	2	2	1	3	0	3	4	2	N/A	10	4	32
Four or More	2	0	2	1	2	4	2	2	1	N/A	5	0	21
Don't Know	11	6	7	3	5	4	17	23	5	N/A	20	6	107
Refused	2	0	0	0	1	0	1	0	0	N/A	3	0	7
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF OTHER LARGE ROOMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	526,873	156,083	584,235	85,538	245,970	793,342	52,352	110,747	262,534	N/A	170,722	311,211	3,299,608
One	35,354	8,857	37,170	4,504	13,718	42,149	3,418	6,863	15,954	N/A	12,221	17,112	197,320
Two	2,059	871	2,859	178	946	6,557	263	401	1,120	N/A	1,039	1,369	17,663
Three	343	290	1,906	45	355	0	88	178	560	N/A	416	913	5,093
Four or More	686	0	1,906	45	237	3,747	58	89	280	N/A	208	0	7,256
Don't Know	3,776	871	6,672	134	591	3,747	497	1,025	1,399	N/A	831	1,369	20,911
Refused	686	0	0	0	118	0	29	0	0	N/A	125	0	959
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-18: Number of Other Large Rooms by Area Office

Q38E: How many other large rooms (more than 80 square feet) do you have in your home?

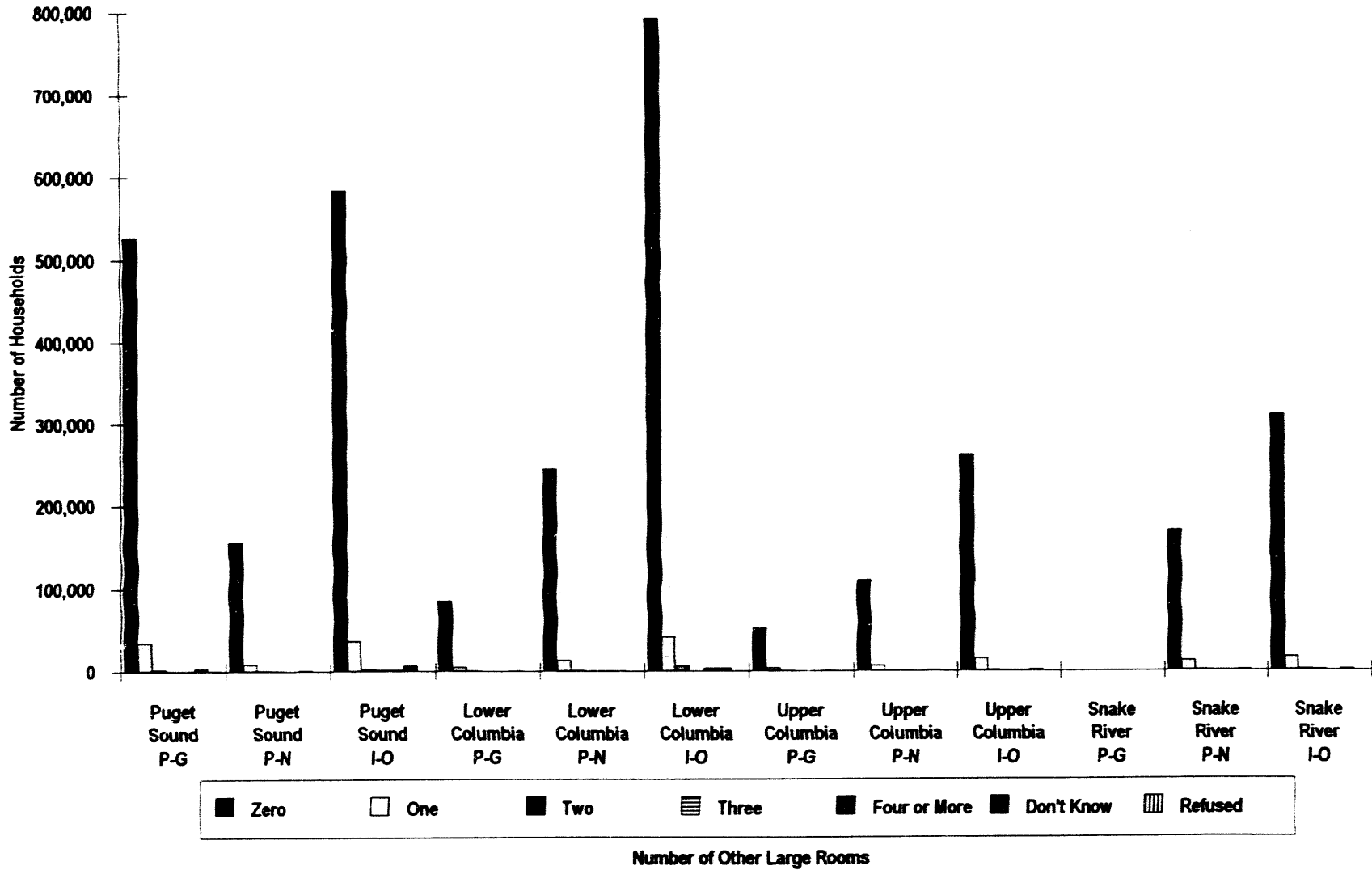


Table D-19: Primary Multi-Unit Heating System Type by Area Office

Q44: When you heat your home, do you primarily rely on...?

Raw Data

PRIMARY MULTI-UNIT HEATING SYSTEM TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Central Heat - All Units	75	14	12	58	25	13	26	31	24	N/A	55	21	354
Central Heat - Several Units	6	1	1	6	4	2	8	7	2	N/A	15	2	54
Heating System for Single Unit	322	82	99	376	254	147	166	178	80	N/A	411	78	2,193
Unit Not Heated	3	0	0	0	1	0	0	4	1	N/A	2	0	11
Not Asked	1,247	1,053	552	1,582	1,926	744	1,739	2,455	899	N/A	3,977	1,354	17,528
Don't Know	7	0	2	6	5	1	2	2	1	N/A	4	0	30
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

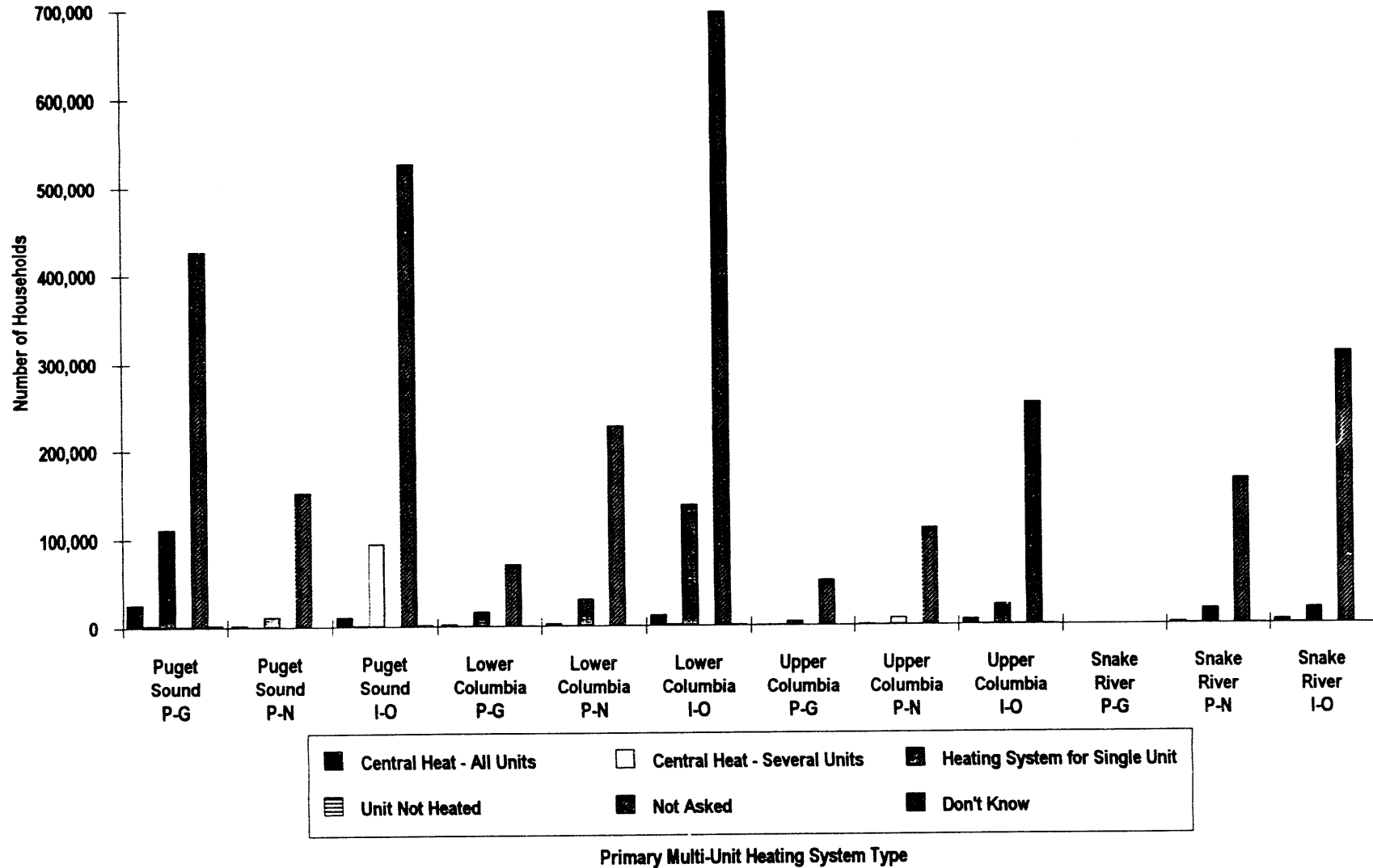
Weighted Data

PRIMARY MULTI-UNIT HEATING SYSTEM TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Central Heat - All Units	25,743	2,033	11,437	2,587	2,956	12,176	760	1,382	6,717	N/A	2,286	4,791	72,868
Central Heat - Several Units	2,059	145	953	268	473	1,873	234	312	560	N/A	624	456	7,957
Heating System for Single Unit	110,523	11,906	94,354	16,769	30,037	137,687	4,850	7,933	22,391	N/A	17,085	17,797	471,331
Unit Not Heated	1,030	0	0	0	118	0	0	178	280	N/A	83	0	1,689
Not Asked	428,020	152,889	526,097	70,553	227,758	696,867	50,804	109,410	251,618	N/A	165,318	308,930	2,988,265
Don't Know	2,403	0	1,906	268	591	937	58	89	280	N/A	166	0	6,698
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-19: Primary Multi-Unit Heating System Type by Area Office

Q44: When you heat your home, do you primarily rely on...?



Not Asked: Respondents were not asked this question if they answered Q16 'Manufactured Home' or 'Single Family Dwelling'.

Table D-20: Primary Space-Heating Fuel Type by Area Office

Q46: What fuel do you use most to heat your home?

Raw Data

PRIMARY SPACE-HEATING FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	767	651	284	1,437	1,377	368	1,652	989	265	N/A	2,308	523	10,621
Natural Gas	441	75	201	239	184	289	58	247	335	N/A	611	373	3,053
Fuel Oil	241	48	62	86	91	87	49	232	78	N/A	290	162	1,426
Wood or Presto Logs	101	339	88	183	494	138	135	982	264	N/A	1,054	315	4,093
Propane or Bottled Gas	6	16	15	2	19	5	4	162	31	N/A	84	35	379
Kerosene	6	0	0	1	1	1	0	1	0	N/A	6	2	18
Coal	0	2	0	0	0	0	0	1	1	N/A	20	11	35
Solar	0	1	0	1	2	0	1	2	2	N/A	6	1	16
Geothermal	0	0	0	0	1	0	0	2	0	N/A	0	5	8
Other	6	3	0	4	8	3	1	11	3	N/A	7	4	50
No Heat	0	0	0	0	0	0	1	1	0	N/A	1	1	4
Not Asked	91	15	15	70	35	16	36	44	28	N/A	76	23	449
Don't Know	1	0	1	5	3	0	3	3	0	N/A	1	0	17
Refused	0	0	0	0	0	0	1	0	0	N/A	0	0	1
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

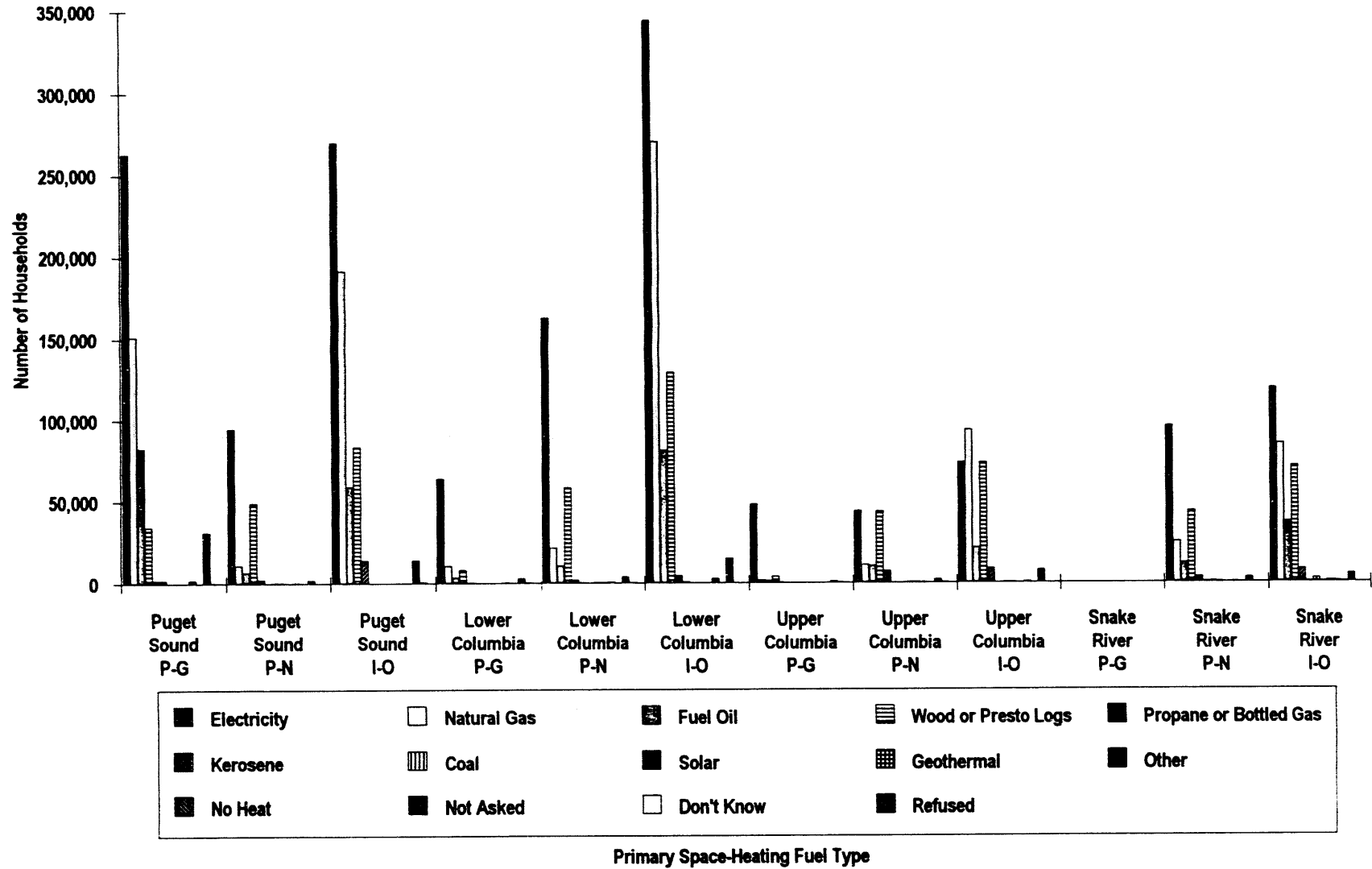
Weighted Data

PRIMARY SPACE-HEATING FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	263,265	94,521	270,673	64,087	162,837	344,687	48,262	44,076	74,170	N/A	95,940	119,328	1,581,846
Natural Gas	151,369	10,890	191,568	10,659	21,759	270,692	1,694	11,008	93,762	N/A	25,398	85,104	873,902
Fuel Oil	82,721	6,969	59,091	3,835	10,761	81,488	1,432	10,339	21,831	N/A	12,055	36,962	327,485
Wood or Presto Logs	34,667	49,221	83,871	8,161	58,418	129,258	3,944	43,764	73,890	N/A	43,813	71,871	600,877
Propane or Bottled Gas	2,059	2,323	14,296	89	2,247	4,683	117	7,220	8,676	N/A	3,492	7,986	53,188
Kerosene	2,059	0	0	45	118	937	0	45	0	N/A	249	456	3,909
Coal	0	290	0	0	0	0	0	45	280	N/A	831	2,510	3,956
Solar	0	145	0	45	237	0	29	89	560	N/A	249	228	1,582
Geothermal	0	0	0	0	118	0	0	89	0	N/A	0	1,141	1,348
Other	2,059	436	0	178	946	2,810	29	490	840	N/A	291	913	8,992
No Heat	0	0	0	0	0	0	29	45	0	N/A	42	228	344
Not Asked	31,235	2,178	14,296	3,122	4,139	14,986	1,052	1,961	7,837	N/A	3,159	5,248	89,212
Don't Know	343	0	953	223	355	0	88	134	0	N/A	42	0	2,137
Refused	0	0	0	0	0	0	29	0	0	N/A	0	0	29
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-20: Primary Space-Heating Fuel Type by Area Office

Q46: What fuel do you use most to heat your home?



Not Asked: Respondents were asked this question if they answered Q44 'Heating System for Single Unit', or 'Not Asked'.

Table D-21: Primary Space-Heating Equipment Type by Area Office

Q48: Which type of heating equipment do you use most to heat your home?

Raw Data

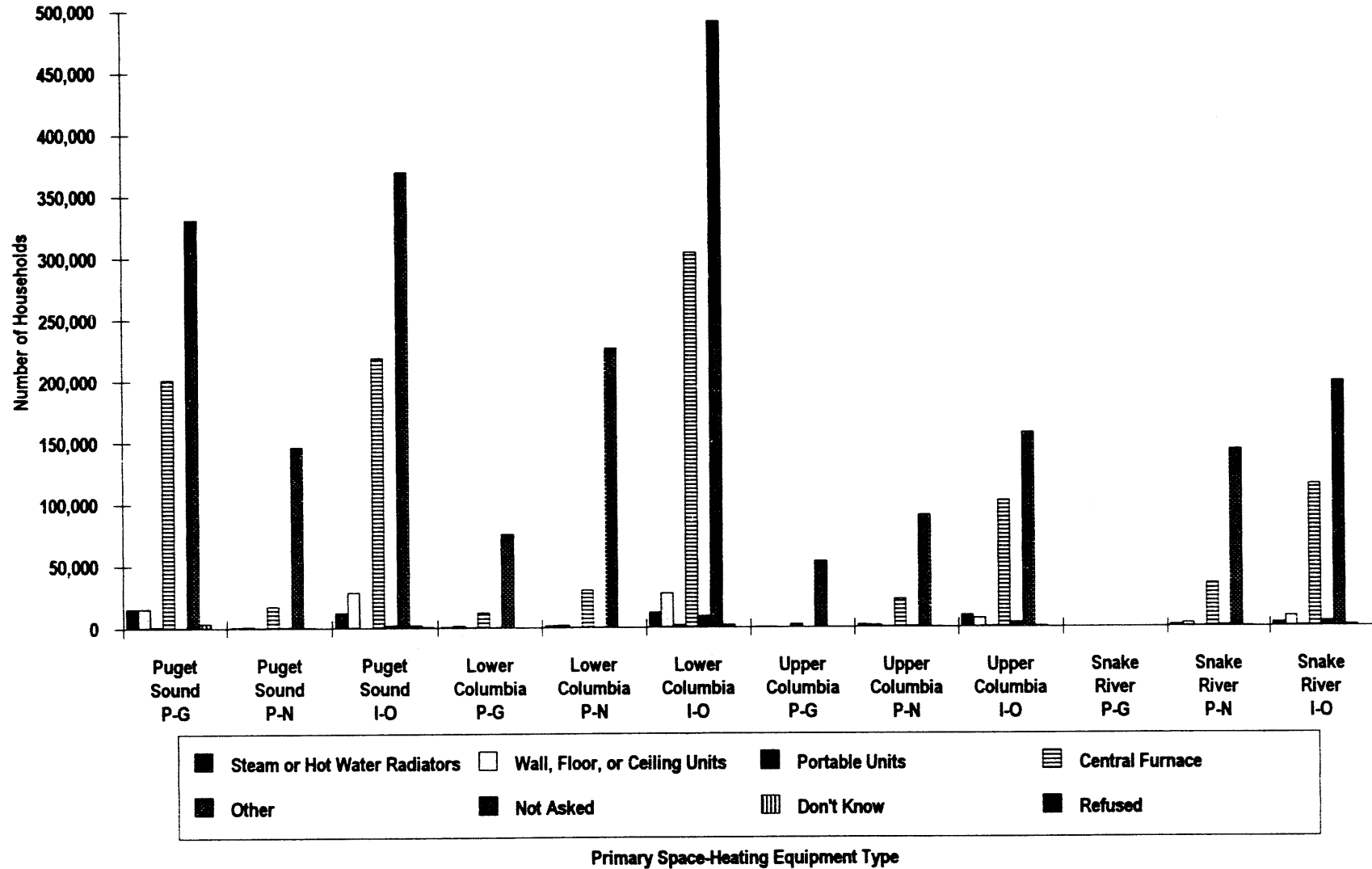
PRIMARY SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Steam or Hot Water Radiators	45	6	13	14	15	13	6	46	35	N/A	42	14	249
Wall, Floor, or Ceiling Units	46	8	30	34	19	30	10	41	25	N/A	72	37	352
Portable Units	4	2	0	4	3	2	0	10	3	N/A	10	4	42
Central Furnace	587	118	230	272	256	325	92	514	366	N/A	841	504	4,105
Other	1	5	2	3	2	10	2	23	13	N/A	32	19	112
Not Asked	966	1,009	388	1,700	1,920	525	1,830	2,034	562	N/A	3,453	872	15,259
Don't Know	11	2	2	1	0	2	1	9	3	N/A	14	5	50
Refused	0	0	1	0	0	0	0	0	0	N/A	0	0	1
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PRIMARY SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Steam or Hot Water Radiators	15,446	871	12,390	624	1,774	12,176	175	2,050	9,796	N/A	1,746	3,194	60,243
Wall, Floor, or Ceiling Units	15,789	1,162	28,592	1,516	2,247	28,099	292	1,827	6,997	N/A	2,993	8,442	97,957
Portable Units	1,373	290	0	178	355	1,873	0	446	840	N/A	416	913	6,683
Central Furnace	201,482	17,133	219,207	12,131	30,273	304,411	2,688	22,907	102,439	N/A	34,959	114,993	1,062,622
Other	343	726	1,906	134	237	9,366	58	1,025	3,639	N/A	1,330	4,335	23,099
Not Asked	331,570	146,501	369,793	75,816	227,049	491,741	53,462	90,648	157,296	N/A	143,536	198,956	2,286,368
Don't Know	3,776	290	1,906	45	0	1,873	29	401	840	N/A	582	1,141	10,883
Refused	0	0	953	0	0	0	0	0	0	N/A	0	0	953
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-21: Primary Space-Heating Equipment Type by Area Office
 Q48: Which type of heating equipment do you use most to heat your home?



Not Asked: Respondents were asked question if they answered 'Natural Gas', 'Fuel Oil', 'Propane or Bottled Gas', 'Kerosene' or 'Coal' to Q46.

Table D-22: Primary Electric Space-Heating Equipment Type by Area Office

Q50: Which type of electric heating equipment do you use most to heat your home?

Raw Data

PRIMARY ELECTRIC SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Heat Pump	40	64	21	170	191	63	153	35	19	N/A	332	72	1,160
Portable Room Heaters	15	13	4	28	33	7	31	18	7	N/A	45	9	210
Radiant Panels	68	53	30	582	280	56	105	94	16	N/A	329	109	1,722
Steam or Hot Water Radiators	11	3	2	2	6	4	9	6	4	N/A	12	7	66
Central Furnace	191	214	93	254	440	95	740	302	98	N/A	898	180	3,505
Baseboard or Wall Units	432	300	128	378	413	141	605	528	117	N/A	673	138	3,853
Other	2	2	0	10	7	0	2	2	2	N/A	7	3	37
Not Asked	893	499	382	591	838	539	289	1,688	742	N/A	2,156	932	9,549
Don't Know	8	2	6	13	7	2	6	4	2	N/A	12	5	67
Refused	0	0	0	0	0	0	1	0	0	N/A	0	0	1
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

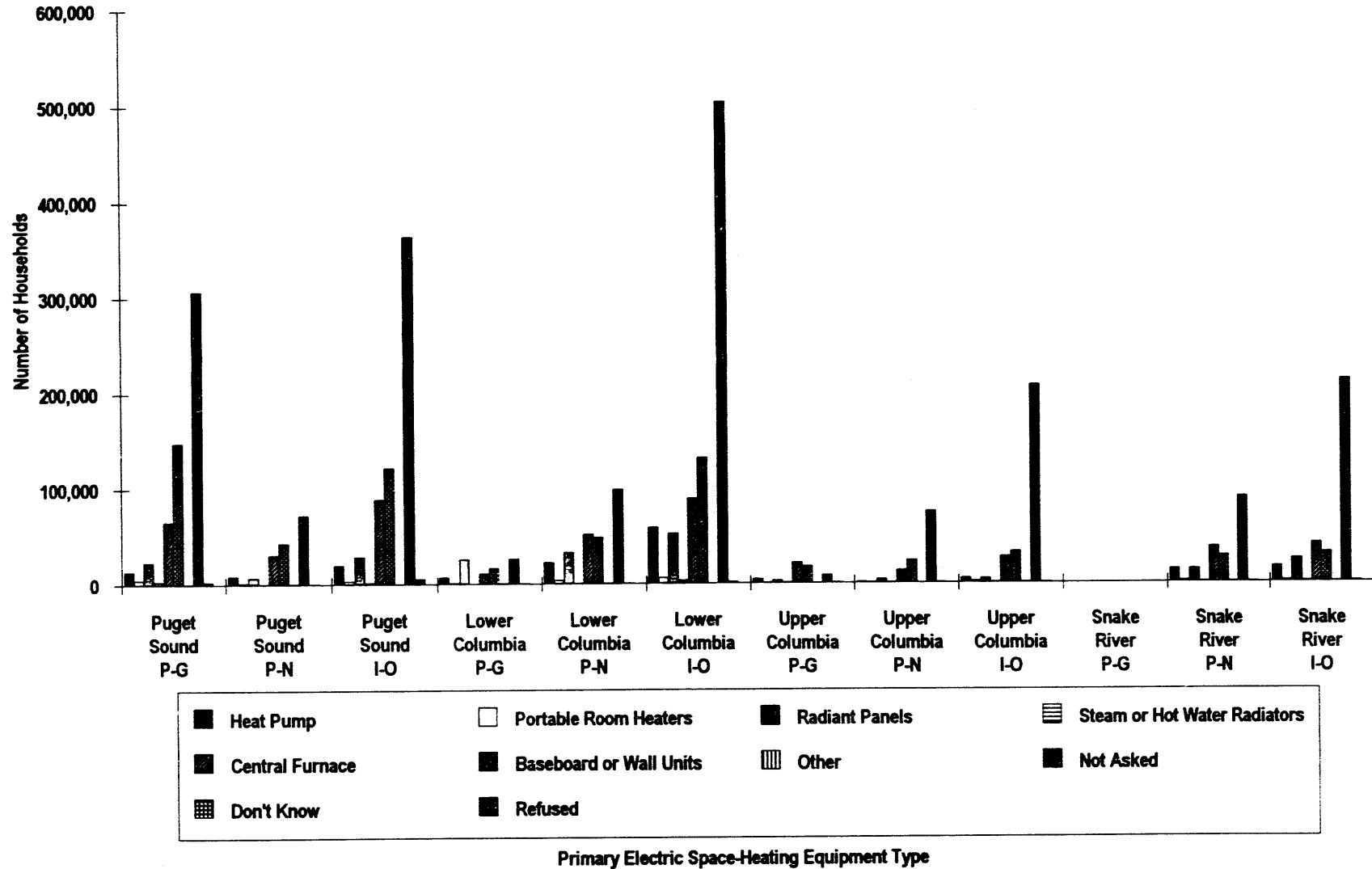
Weighted Data

PRIMARY ELECTRIC SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Heat Pump	13,730	9,292	20,015	7,582	22,587	59,009	4,470	1,560	5,318	N/A	13,801	16,428	173,789
Portable Room Heaters	5,149	1,888	3,812	1,249	3,902	6,557	906	802	1,959	N/A	1,871	2,053	30,147
Radiant Panels	23,340	7,695	28,592	25,956	33,111	52,452	3,068	4,189	4,478	N/A	13,676	24,870	221,428
Steam or Hot Water Radiators	3,776	436	1,906	89	710	3,747	263	267	1,120	N/A	499	1,597	14,409
Central Furnace	65,559	31,071	88,636	11,328	52,032	88,982	21,619	13,459	27,429	N/A	37,329	41,069	478,512
Baseboard or Wall Units	148,280	43,558	121,994	16,858	48,839	132,068	17,675	23,531	32,747	N/A	27,976	31,486	645,010
Other	686	290	0	446	828	0	58	89	560	N/A	291	684	3,933
Not Asked	306,513	72,452	364,075	26,357	99,097	504,854	8,443	75,228	207,676	N/A	89,622	212,646	1,966,963
Don't Know	2,746	290	5,718	580	828	1,873	175	178	560	N/A	499	1,141	14,589
Refused	0	0	0	0	0	0	29	0	0	N/A	0	0	29
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-22: Primary Electric Space-Heating Equipment Type by Area Office

Q50: Which type of electric heating equipment do you use most to heat your home?



Not Asked: Respondents were only asked this question if they answered Q46 'Electricity'.

Table D-23: Primary Wood Space-Heating Equipment Type by Area Office

Q52: Which type of wood heating equipment do you use most to heat your home?

Raw Data

PRIMARY WOOD SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Free-Standing Stove	66	243	61	98	362	99	102	749	192	N/A	839	237	3,048
Free-Standing Pellet Stove	8	28	10	15	26	5	7	46	22	N/A	73	24	264
Central Furnace	3	10	0	3	15	3	10	93	16	N/A	27	7	187
Fireplace with an Insert	20	47	15	61	75	25	10	77	28	N/A	99	40	497
Fireplace without an Insert	4	6	2	6	13	6	6	14	5	N/A	15	7	84
Not Asked	1,559	811	578	1,845	1,721	769	1,806	1,695	743	N/A	3,410	1,140	16,077
Don't Know	0	5	0	0	3	0	0	3	1	N/A	1	0	13
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

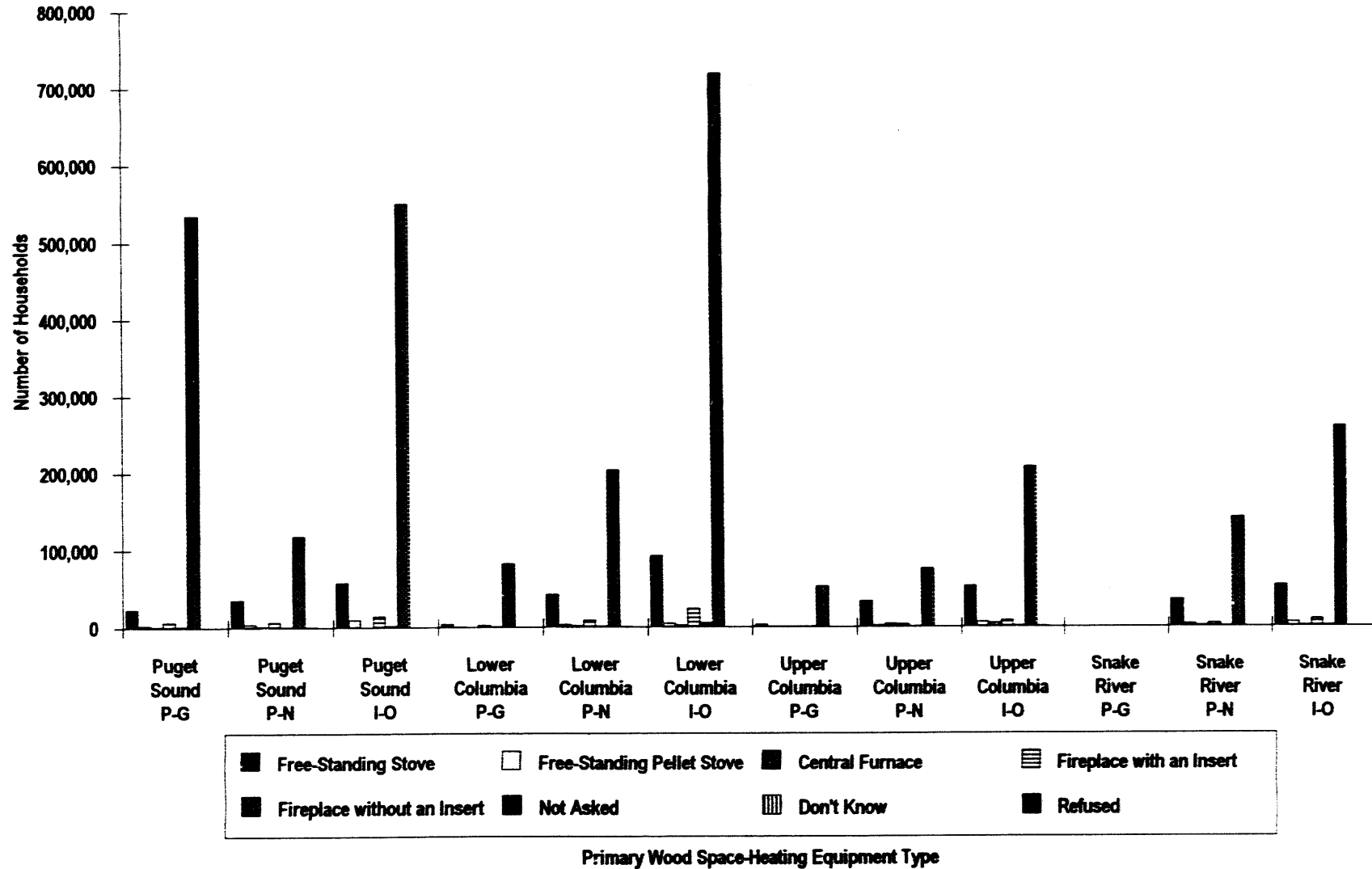
Weighted Data

PRIMARY WOOD SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Free-Standing Stove	22,654	35,282	58,138	4,371	42,808	92,728	2,980	33,380	53,738	N/A	34,876	54,074	435,029
Free-Standing Pellet Stove	2,746	4,065	9,531	669	3,075	4,683	205	2,050	6,158	N/A	3,035	5,476	41,691
Central Furnace	1,030	1,452	0	134	1,774	2,810	292	4,145	4,478	N/A	1,122	1,597	18,834
Fireplace with an Insert	6,865	6,824	14,296	2,720	8,869	23,416	292	3,432	7,837	N/A	4,115	9,126	87,793
Fireplace without an Insert	1,373	871	1,906	268	1,537	5,620	175	624	1,399	N/A	624	1,597	15,994
Not Asked	535,111	117,752	550,877	82,283	203,516	720,283	52,761	75,540	207,956	N/A	141,749	260,103	2,947,931
Don't Know	0	726	0	0	355	0	0	134	280	N/A	42	0	1,536
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-23: Primary Wood Space-Heating Equipment Type by Area Office

Q52: Which type of wood heating equipment do you use most to heat your home?



Not Asked: Respondents were only asked this question if they answered Q46 'Wood or Presto Logs'.

Table D-24: Fireplace Equipment by Area Office

Q54: Does your fireplace have...?

Raw Data

FIREPLACE EQUIPMENT	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Recirculating Fan	1	2	0	3	4	3	3	12	4	N/A	7	5	44
Glass Doors on Front	2	1	1	0	1	1	3	1	0	N/A	6	2	18
None	1	3	1	3	8	1	0	1	1	N/A	2	0	21
Not Asked	1,656	1,144	664	2,022	2,202	901	1,935	2,663	1,002	N/A	4,449	1,448	20,086
Don't Know	0	0	0	0	0	1	0	0	0	N/A	0	0	1
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

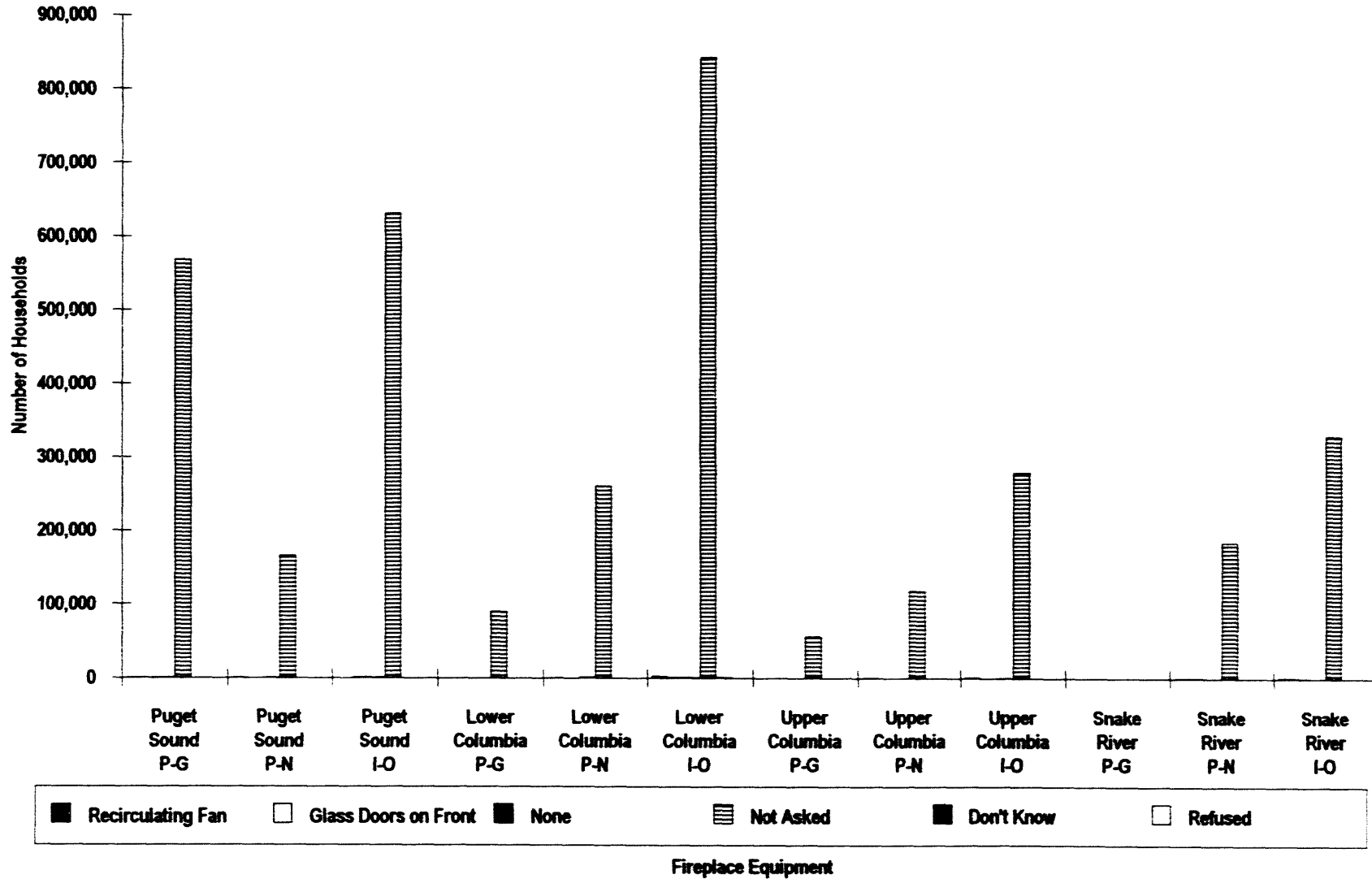
Weighted Data

FIREPLACE EQUIPMENT	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Recirculating Fan	343	290	0	134	473	2,810	88	535	1,120	N/A	291	1,141	7,224
Glass Doors on Front	686	145	953	0	118	937	88	45	0	N/A	249	456	3,678
None	343	436	953	134	946	937	0	45	280	N/A	83	0	4,156
Not Asked	568,405	166,102	632,842	90,176	260,397	843,921	56,530	118,680	280,447	N/A	184,938	330,377	3,532,814
Don't Know	0	0	0	0	0	937	0	0	0	N/A	0	0	937
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-24: Fireplace Equipment by Area Office

Q54: Does your fireplace have...?



Not Asked: Respondents were asked this question if they answered Q52 'Fireplace without an Insert'

Table D-25: Presence of Secondary Space-Heating Fuel by Area Office

Q56: Do you use any other fuel besides [primary fuel type] to heat your home?

Raw Data

PRESENCE OF SECONDARY SPACE-HEATING FUEL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	485	513	232	643	810	336	493	1,318	417	N/A	1,827	665	7,739
No	1,081	622	418	1,309	1,364	555	1,407	1,310	562	N/A	2,559	765	11,952
Not Asked	92	15	16	75	38	16	41	48	28	N/A	78	24	471
Don't Know	2	0	0	1	3	0	0	1	0	N/A	0	1	8
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

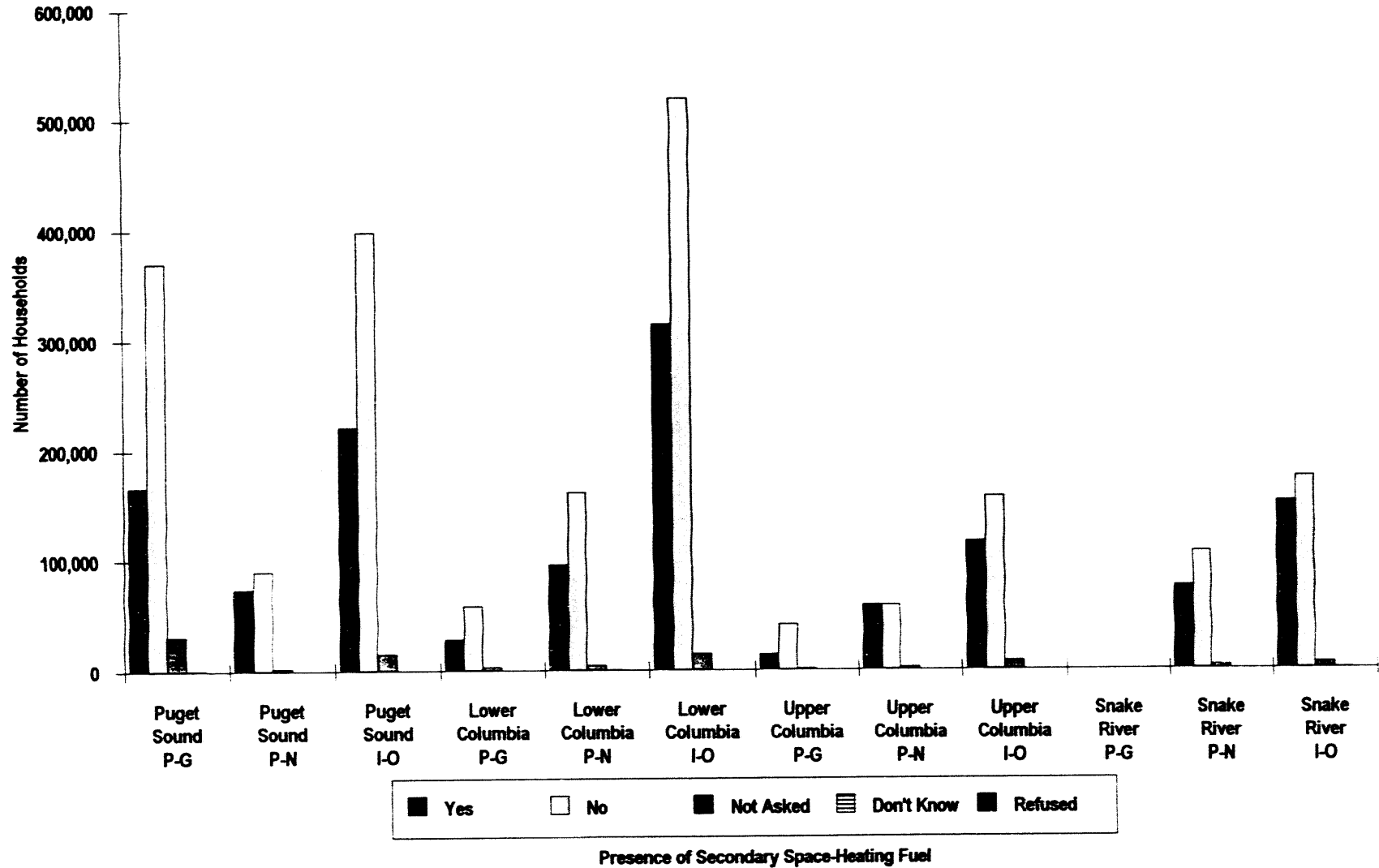
PRESENCE OF SECONDARY SPACE-HEATING FUEL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	166,471	74,484	221,113	28,676	95,786	314,714	14,403	58,738	116,713	N/A	75,946	151,727	1,318,772
No	371,042	90,311	398,385	58,378	161,299	519,840	41,105	58,382	157,296	N/A	106,374	174,543	2,136,956
Not Asked	31,578	2,178	15,249	3,345	4,494	14,986	1,198	2,139	7,837	N/A	3,242	5,476	91,722
Don't Know	686	0	0	45	355	0	0	45	0	N/A	0	228	1,359
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Not Asked: Respondents were not asked this question if they answered Q46 'No Heat', 'Not Asked', 'Don't Know' or 'Refused'

Weighted Data

Chart D-25: Presence of Secondary Space-Heating Fuel by Area Office

Q56: Do you use any other fuel besides [primary fuel type] to heat your home?



Not Asked: Respondents were not asked this question if they answered Q46 'No Heat', 'Not Asked', 'Don't Know', or 'Refused'

Table D-26: Secondary Space-Heating Fuel Type by Area Office

Q68: Other than [primary fuel type] what fuel do you use most to heat your home?

Raw Data

SECONDARY SPACE-HEATING FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	179	208	63	162	297	100	112	587	171	N/A	677	202	2,758
Natural Gas	16	3	8	25	15	17	12	24	23	N/A	73	39	255
Fuel Oil	13	12	6	5	12	9	8	66	17	N/A	91	29	268
Wood or Presto Logs	264	274	142	437	464	202	349	554	170	N/A	900	370	4,126
Propane or Bottled Gas	1	4	4	4	7	3	5	73	32	N/A	57	15	205
Kerosene	8	6	8	3	4	1	1	3	1	N/A	7	1	43
Coal	0	2	0	0	0	0	1	0	0	N/A	4	5	12
Solar	1	2	0	1	1	1	0	1	2	N/A	3	0	12
Geothermal	0	0	0	0	0	0	0	1	0	N/A	1	0	2
Other	1	2	1	4	7	3	4	3	1	N/A	6	3	35
Not Asked	1,175	637	434	1,385	1,405	571	1,448	1,359	590	N/A	2,637	790	12,431
Don't Know	2	0	0	2	3	0	0	6	0	N/A	7	1	21
Refused	0	0	0	0	0	0	1	0	0	N/A	1	0	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

SECONDARY SPACE-HEATING FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	61,440	30,200	60,044	7,225	35,122	93,665	3,272	26,160	47,861	N/A	28,142	46,088	439,219
Natural Gas	5,492	436	7,625	1,115	1,774	15,923	351	1,070	6,437	N/A	3,035	8,898	52,154
Fuel Oil	4,462	1,742	5,718	223	1,419	8,430	234	2,941	4,758	N/A	3,783	6,617	40,327
Wood or Presto Logs	90,615	39,783	135,337	19,489	54,870	189,203	10,196	24,690	47,581	N/A	37,412	84,419	733,595
Propane or Bottled Gas	343	581	3,812	178	828	2,810	146	3,253	8,956	N/A	2,369	3,422	26,700
Kerosene	2,746	871	7,625	134	473	937	29	134	280	N/A	291	228	13,747
Coal	0	290	0	0	0	0	29	0	0	N/A	166	1,141	1,627
Solar	343	290	0	45	118	937	0	45	560	N/A	125	0	2,462
Geothermal	0	0	0	0	0	0	0	45	0	N/A	42	0	86
Other	343	290	953	178	828	2,810	117	134	280	N/A	249	684	6,867
Not Asked	403,307	92,489	413,635	61,768	166,148	534,827	42,302	60,566	165,133	N/A	109,616	180,247	2,230,036
Don't Know	686	0	0	89	355	0	0	267	0	N/A	291	228	1,917
Refused	0	0	0	0	0	0	29	0	0	N/A	42	0	71
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-26: Secondary Space-Heating Fuel Type by Area Office

Q68: Other than [primary fuel type] what fuel do you use most to heat your home?

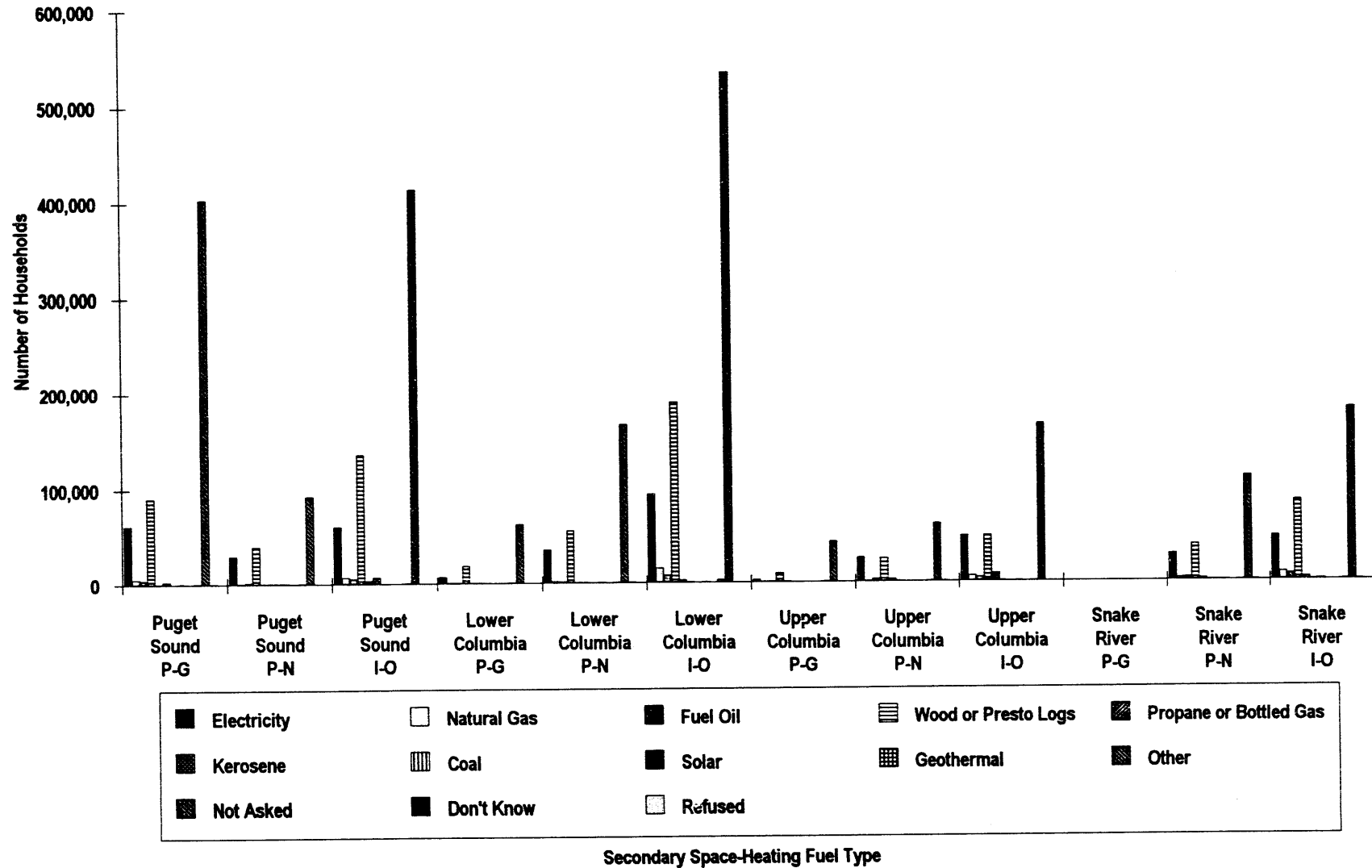


Table D-27: Secondary Space-Heating Equipment Type by Area Office

Q69: Which of the following type of [secondary heating fuel] heating equipment do you use most to heat your home?

Raw Data

SECONDARY SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Steam or Hot Water Radiators	0	2	1	2	3	2	2	11	2	N/A	7	3	35
Wall, Floor, or Ceiling Units	4	1	4	4	2	1	1	15	10	N/A	20	6	68
Portable Units	10	7	8	3	6	1	3	12	6	N/A	9	4	69
Central Furnace	21	13	12	18	25	24	14	104	50	N/A	178	67	526
Other	2	3	1	6	1	2	5	17	3	N/A	13	8	61
Not Asked	1,622	1,123	640	1,991	2,177	877	1,914	2,511	934	N/A	4,232	1,366	19,387
Don't Know	1	1	0	3	1	0	1	7	2	N/A	5	1	22
Refused	0	0	0	1	0	0	1	0	0	N/A	0	0	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

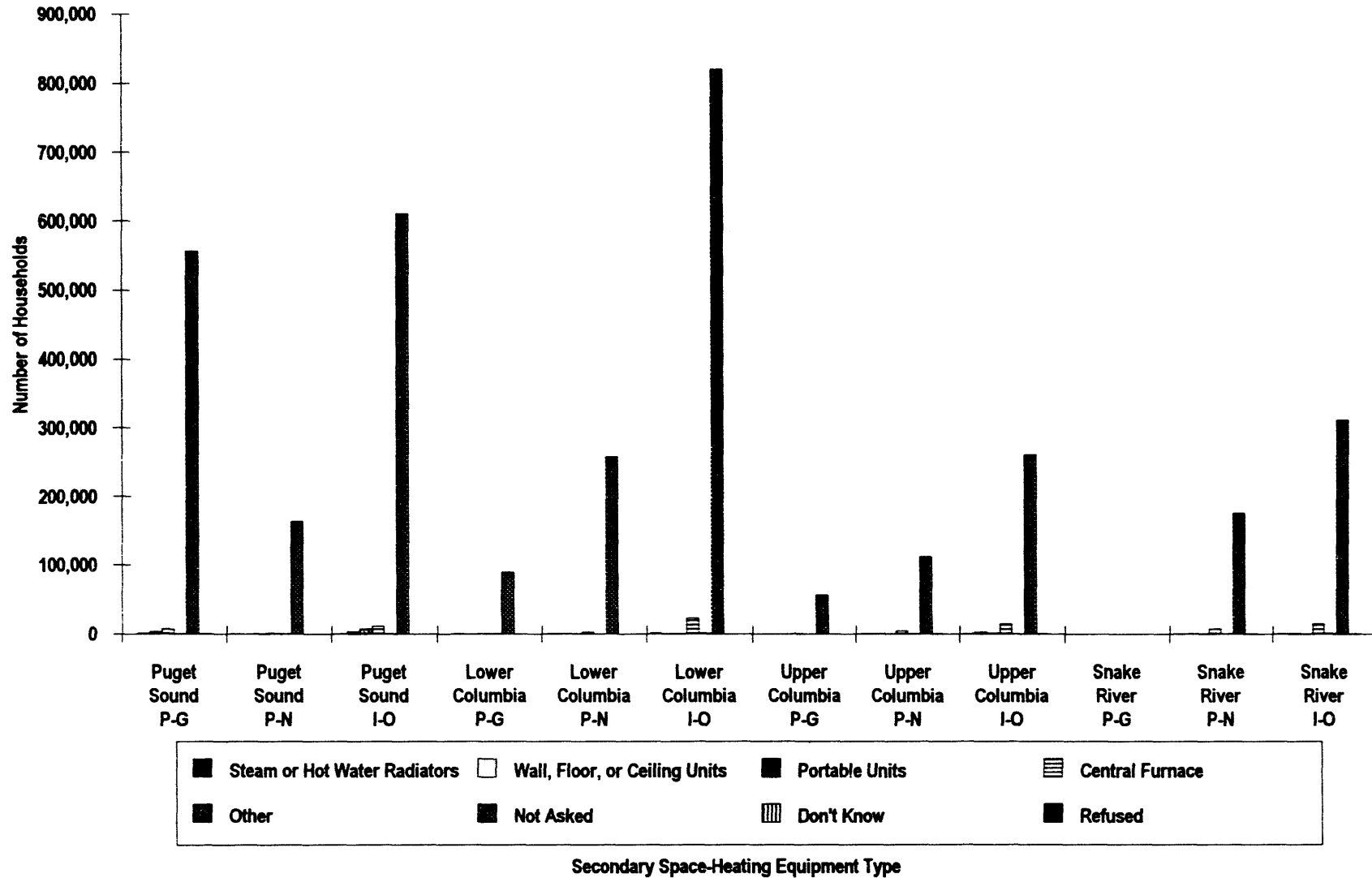
Weighted Data

SECONDARY SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Steam or Hot Water Radiators	0	290	953	89	355	1,873	58	490	560	N/A	291	684	5,645
Wall, Floor, or Ceiling Units	1,373	145	3,812	178	237	937	29	668	2,799	N/A	831	1,369	12,379
Portable Units	3,432	1,016	7,625	134	710	937	88	535	1,679	N/A	374	913	17,442
Central Furnace	7,208	1,888	11,437	803	2,956	22,480	409	4,635	13,994	N/A	7,399	15,287	88,495
Other	686	436	953	268	118	1,873	146	758	840	N/A	540	1,825	8,443
Not Asked	556,735	163,053	609,968	88,794	257,440	821,442	55,916	111,906	261,414	N/A	175,918	311,668	3,414,253
Don't Know	343	145	0	134	118	0	29	312	560	N/A	208	228	2,077
Refused	0	0	0	45	0	0	29	0	0	N/A	0	0	74
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-27: Secondary Space-Heating Equipment Type by Area Office

Q69: Which of the following type of [secondary heating fuel] heating equipment do you use most to heat your home?



Not Asked: Respondents were asked question if they answered Q68 'Natural Gas', 'Fuel Oil', 'Propane or Bottled Gas', 'Kerosene', or 'Coal'.

Table D-28: Secondary Electric Space-Heating Equipment Type by Area Office
 Q70: Which type of [secondary] electric heating equipment do you use most to heat your home?

Raw Data

SECONDARY ELECTRIC SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Heat Pump	3	4	0	3	5	11	3	8	3	N/A	17	16	73
Portable Room Heaters	46	22	9	33	43	18	25	64	20	N/A	98	28	406
Radiant Panels	14	21	4	45	44	10	14	45	13	N/A	70	41	321
Steam or Hot Water Radiators	5	1	1	0	0	2	0	4	0	N/A	5	0	18
Central Furnace	27	41	23	17	85	29	25	124	42	N/A	242	50	705
Baseboard or Wall Units	82	115	26	59	114	30	44	329	86	N/A	240	64	1,189
Other	0	3	0	3	2	0	0	8	2	N/A	2	2	22
Not Asked	1,481	942	603	1,866	1,918	807	1,829	2,090	836	N/A	3,787	1,253	17,412
Don't Know	2	0	0	2	4	0	1	3	5	N/A	3	1	21
Refused	0	1	0	0	0	0	0	2	0	N/A	0	0	3
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

SECONDARY ELECTRIC SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Heat Pump	1,030	581	0	134	591	10,303	88	357	840	N/A	707	3,651	18,280
Portable Room Heaters	15,789	3,194	8,578	1,472	5,085	16,860	730	2,852	5,598	N/A	4,074	6,389	70,620
Radiant Panels	4,805	3,049	3,812	2,007	5,203	9,366	409	2,005	3,639	N/A	2,910	9,355	46,561
Steam or Hot Water Radiators	1,716	145	953	0	0	1,873	0	178	0	N/A	208	0	5,074
Central Furnace	9,237	5,953	21,921	758	10,052	27,163	730	5,526	11,755	N/A	10,060	11,408	114,593
Baseboard or Wall Units	28,146	16,697	24,780	2,631	13,481	28,099	1,285	14,662	24,070	N/A	9,976	14,602	178,431
Other	0	436	0	134	237	0	0	357	560	N/A	83	456	2,262
Not Asked	508,338	136,773	574,704	83,219	226,812	755,876	53,433	93,144	233,985	N/A	157,420	285,885	3,109,590
Don't Know	686	0	0	89	473	0	29	134	1,399	N/A	125	228	3,164
Refused	0	145	0	0	0	0	0	89	0	N/A	0	0	234
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-28: Secondary Electric Space-Heating Equipment Type by Area Office

Q70: Which type of [secondary] electric heating equipment do you use most to heat your home?

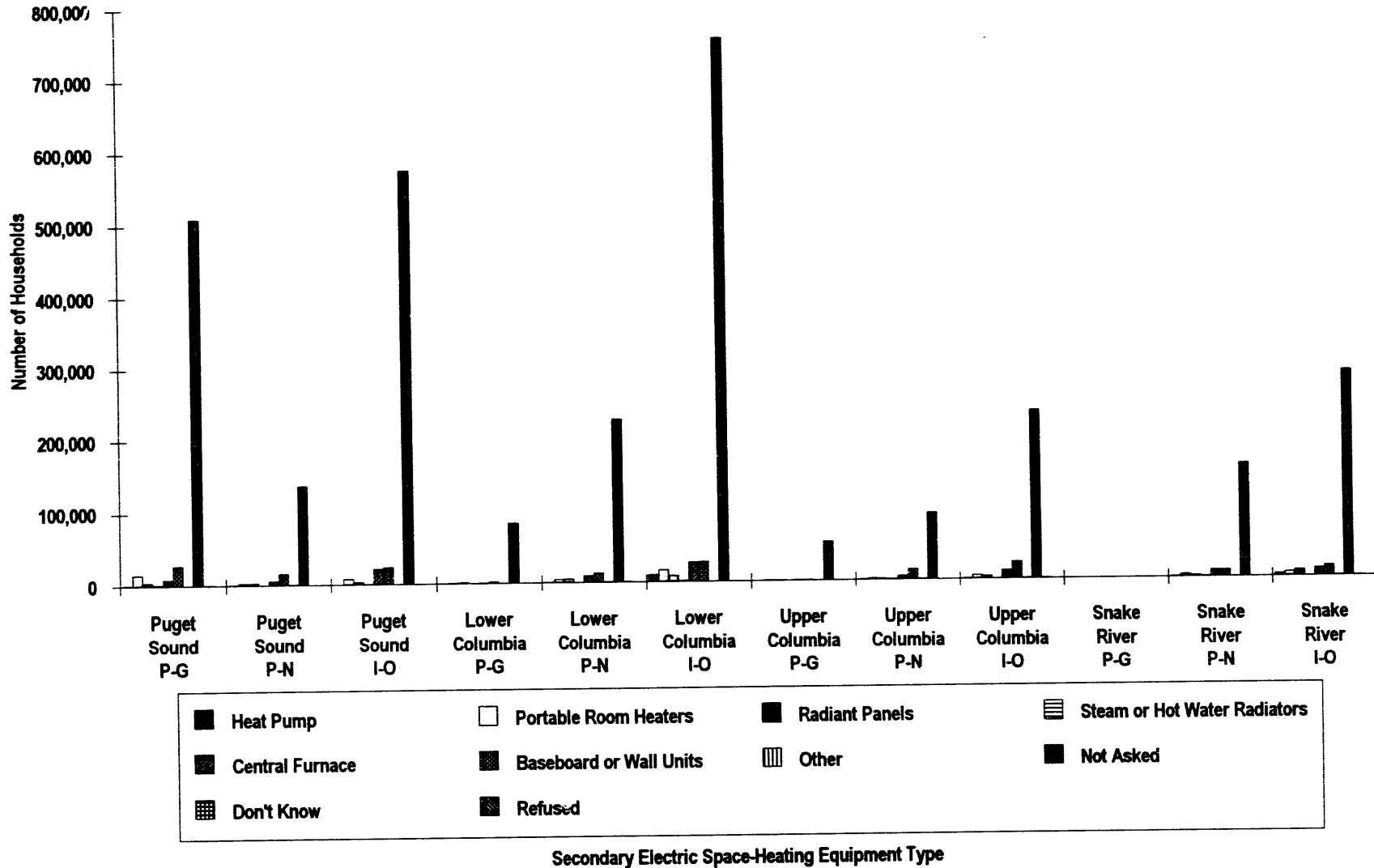


Table D-29: Secondary Wood Space-Heating Equipment Type by Area Office

Q72: Which type of [secondary] wood heating equipment do you use most to heat your home?

Raw Data

SECONDARY WOOD SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Free-Standing Stove	90	128	61	122	239	94	147	348	89	N/A	475	222	2,015
Free-Standing Pellet Stove	6	15	9	7	14	6	7	37	13	N/A	41	11	166
Central Furnace	1	4	0	1	6	2	7	20	2	N/A	25	5	73
Fireplace with an Insert	89	87	43	163	115	53	89	96	41	N/A	236	90	1,102
Fireplace without an Insert	77	40	28	141	90	47	96	53	23	N/A	116	39	750
Not Asked	1,396	876	524	1,591	1,751	705	1,592	2,123	837	N/A	3,564	1,085	16,044
Don't Know	1	0	1	3	0	0	3	0	2	N/A	7	3	20
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

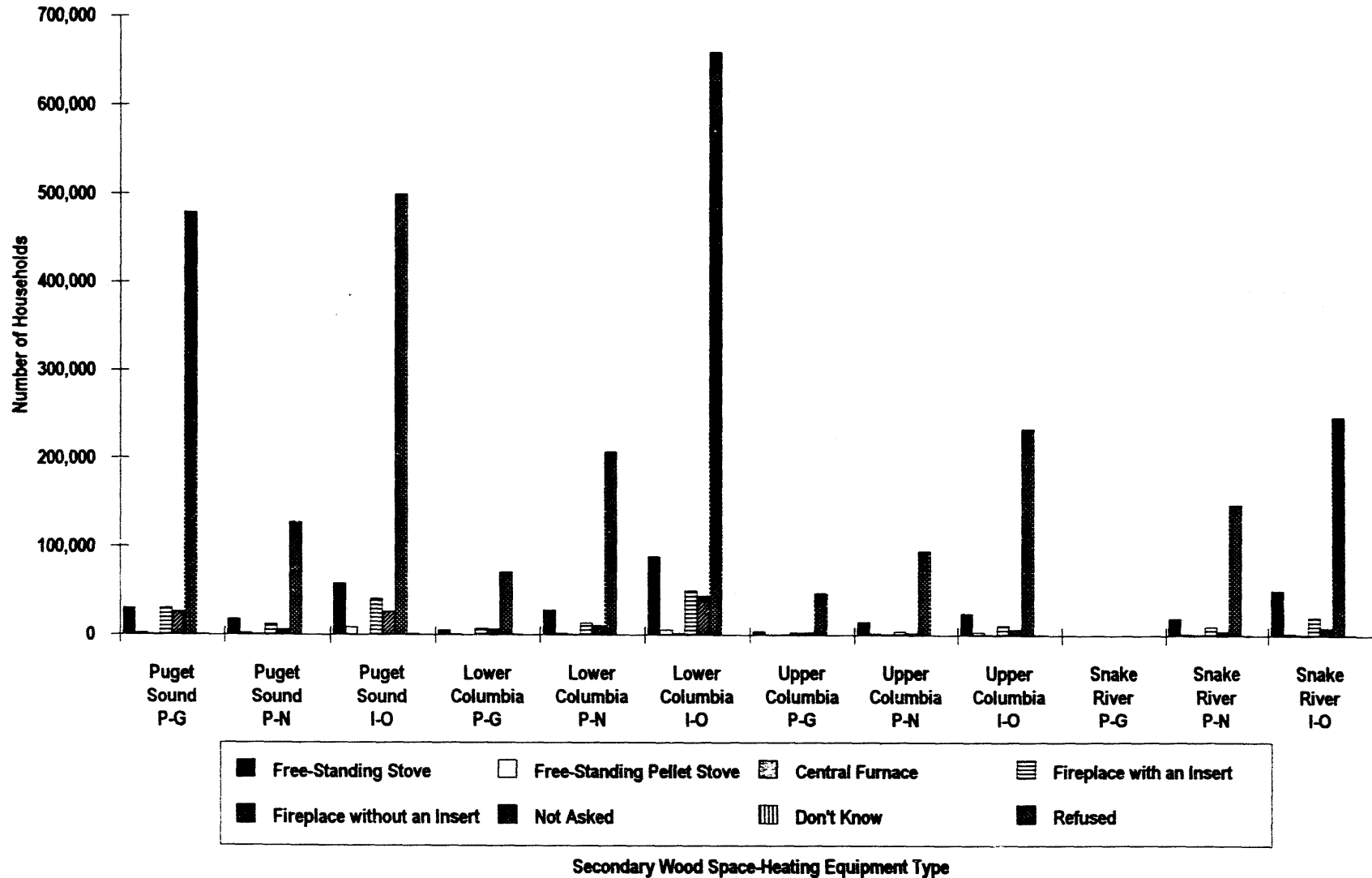
Weighted Data

SECONDARY WOOD SPACE-HEATING EQUIPMENT TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Free-Standing Stove	30,892	18,585	58,138	5,441	28,263	88,045	4,295	15,509	24,910	N/A	19,745	50,652	344,473
Free-Standing Pellet Stove	2,059	2,178	8,578	312	1,656	5,620	205	1,649	3,639	N/A	1,704	2,510	30,109
Central Furnace	343	581	0	45	710	1,873	205	891	560	N/A	1,039	1,141	7,387
Fireplace with an Insert	30,548	12,632	40,982	7,269	13,599	49,642	2,600	4,278	11,475	N/A	9,810	20,534	203,372
Fireplace without an Insert	26,429	5,808	26,686	6,288	10,643	44,023	2,805	2,362	6,437	N/A	4,822	8,898	145,201
Not Asked	479,163	127,190	499,411	70,955	207,064	660,338	46,509	94,614	234,265	N/A	148,150	247,554	2,815,214
Don't Know	343	0	953	134	0	0	88	0	560	N/A	291	684	3,053
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-29: Secondary Wood Space-Heating Equipment Type by Area Office

Q72: Which type of [secondary] wood heating equipment do you use most to heat your home?



Not Asked: Respondents were asked this question if they answered Q68 'Wood or Presto Logs'.

Table D-30: Secondary Fireplace Equipment by Area Office

Q74: Does your fireplace have...?

Raw Data

SECONDARY FIREPLACE EQUIPMENT	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Recirculating Fan	9	15	6	24	29	15	36	31	8	N/A	39	14	226
Glass Doors on Front	28	12	5	52	33	17	43	19	13	N/A	53	18	293
None	40	13	17	65	28	15	17	3	2	N/A	23	7	230
Not Asked	1,583	1,110	638	1,887	2,125	860	1,845	2,624	984	N/A	4,348	1,416	19,420
Don't Know	0	0	0	0	0	0	0	0	0	N/A	1	0	1
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

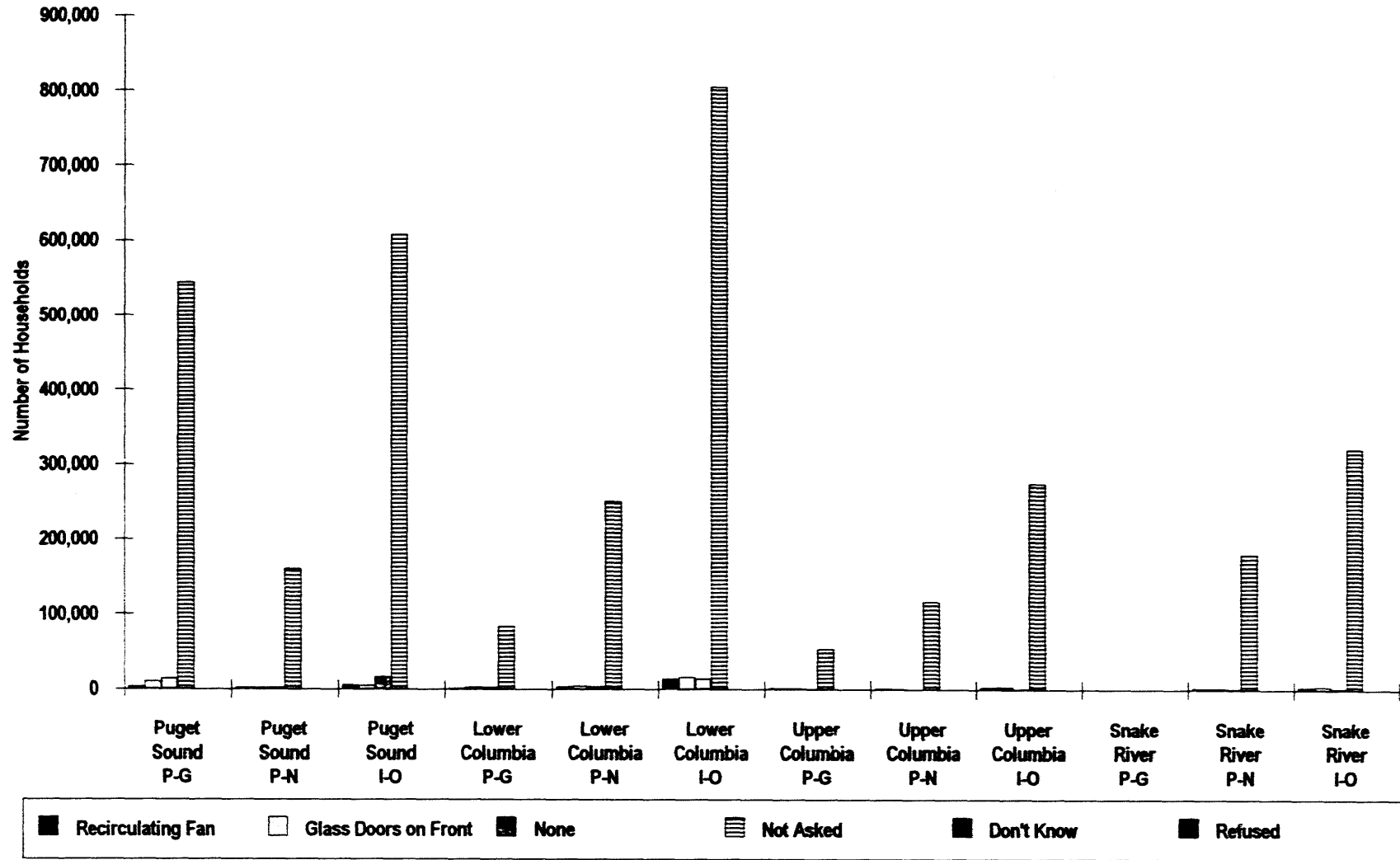
Weighted Data

SECONDARY FIREPLACE EQUIPMENT	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Recirculating Fan	3,089	2,178	5,718	1,070	3,429	14,050	1,052	1,382	2,239	N/A	1,621	3,194	39,023
Glass Doors on Front	9,611	1,742	4,765	2,319	3,902	15,923	1,256	847	3,639	N/A	2,203	4,107	50,314
None	13,730	1,888	16,202	2,899	3,311	14,050	497	134	560	N/A	956	1,597	55,822
Not Asked	543,349	161,165	608,062	84,156	251,291	805,518	53,900	116,942	275,409	N/A	180,740	323,076	3,403,607
Don't Know	0	0	0	0	0	0	0	0	0	N/A	42	0	42
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-30: Secondary Fireplace Equipment by Area Office

Q74: Does your fireplace have...?



Secondary Fireplace Equipment

Not Asked: Respondents were asked this question if they answered Q72 'Fireplace without an Insert'.

Table D-31: Changed Fuel Type in Past Year by Area Office

Q76: In the past year, have you changed the fuel type you use most to heat your home?

Raw Data

CHANGED FUEL TYPE IN PAST YEAR	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	71	39	37	43	57	34	45	88	35	N/A	152	66	667
No	1,489	1,093	610	1,901	2,113	855	1,854	2,530	941	N/A	4,215	1,362	18,963
Not Asked	91	15	15	70	35	16	37	45	28	N/A	77	24	453
Don't Know	9	3	4	14	10	2	5	14	3	N/A	20	3	87
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

CHANGED FUEL TYPE IN PAST YEAR	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	24,370	5,663	35,264	1,918	6,741	31,846	1,315	3,922	9,796	N/A	6,318	15,059	142,210
No	511,084	158,697	581,376	84,780	249,872	800,835	54,163	112,753	263,373	N/A	175,211	310,755	3,302,900
Not Asked	31,235	2,178	14,296	3,122	4,139	14,986	1,081	2,005	7,837	N/A	3,201	5,476	89,556
Don't Know	3,089	436	3,812	624	1,183	1,873	146	624	840	N/A	531	684	14,143
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-31: Changed Fuel Type in Past Year by Area Office
 Q76: In the past year, have you changed the fuel type you use most to heat your home?

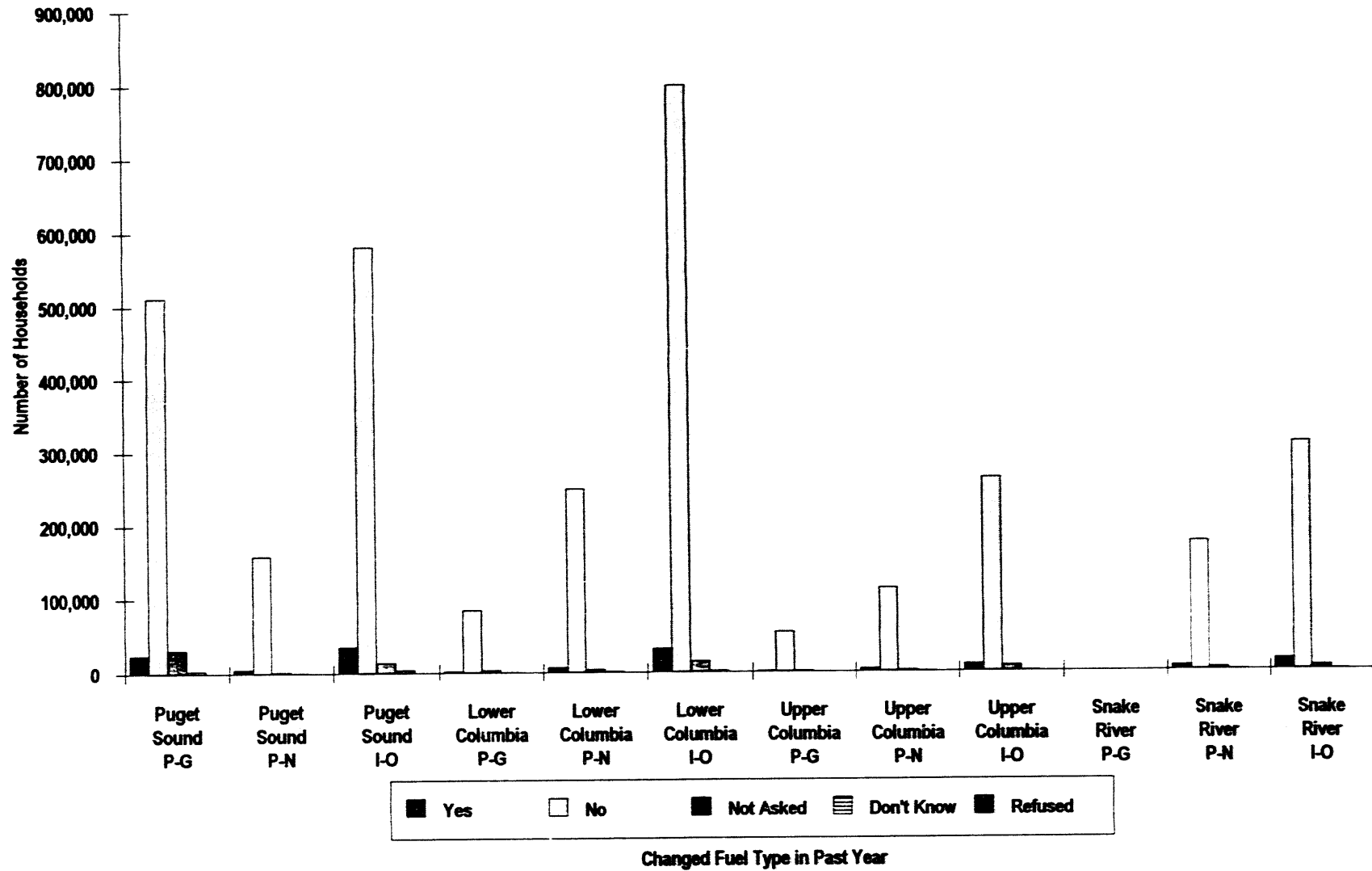


Table D-32: Primary Fuel Type Prior to Change by Area Office

Q88: What fuel was used most to heat your home before you switched?

Raw Data

PRIMARY FUEL TYPE PRIOR TO CHANGE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	29	11	18	16	19	11	10	28	12	N/A	44	19	217
Natural Gas	3	0	1	6	6	2	3	8	1	N/A	15	5	50
Fuel Oil	27	3	9	3	14	10	13	12	5	N/A	19	13	128
Wood or Presto Logs	9	20	7	18	16	9	15	33	15	N/A	60	20	222
Propane or Bottled Gas	0	2	2	0	0	0	1	5	1	N/A	6	4	21
Kerosene	1	0	0	0	0	0	0	0	0	N/A	0	0	1
Coal	0	1	0	0	0	0	0	0	0	N/A	4	3	8
Solar	0	1	0	0	0	0	0	0	0	N/A	0	0	1
Geothermal	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Other	1	1	0	0	1	0	2	2	1	N/A	4	0	12
Not Asked	1,589	1,111	629	1,985	2,158	873	1,896	2,589	972	N/A	4,312	1,389	19,503
Don't Know	0	0	0	0	1	2	1	0	0	N/A	0	1	5
Refused	1	0	0	0	0	0	0	0	0	N/A	0	1	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PRIMARY FUEL TYPE PRIOR TO CHANGE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	9,954	1,597	17,155	714	2,247	10,303	292	1,248	3,359	N/A	1,829	4,335	53,033
Natural Gas	1,030	0	953	268	710	1,873	88	357	280	N/A	624	1,141	7,322
Fuel Oil	9,267	436	8,578	134	1,656	9,366	380	535	1,399	N/A	790	2,966	35,506
Wood or Presto Logs	3,089	2,904	6,672	803	1,892	8,430	438	1,471	4,198	N/A	2,494	4,553	36,954
Propane or Bottled Gas	0	290	1,906	0	0	0	29	223	280	N/A	249	913	3,891
Kerosene	343	0	0	0	0	0	0	0	0	N/A	0	0	343
Coal	0	145	0	0	0	0	0	0	0	N/A	166	684	996
Solar	0	145	0	0	0	0	0	0	0	N/A	0	0	145
Geothermal	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Other	343	145	0	0	118	0	58	89	280	N/A	166	0	1,200
Not Asked	545,408	161,310	599,484	88,526	255,193	817,695	55,390	115,382	272,050	N/A	179,243	316,915	3,406,598
Don't Know	0	0	0	0	118	1,873	29	0	0	N/A	0	228	2,249
Refused	343	0	0	0	0	0	0	0	0	N/A	0	228	571
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-32: Primary Fuel Type Prior to Change by Area Office

Q88: What fuel was used most to heat your home before you switched?

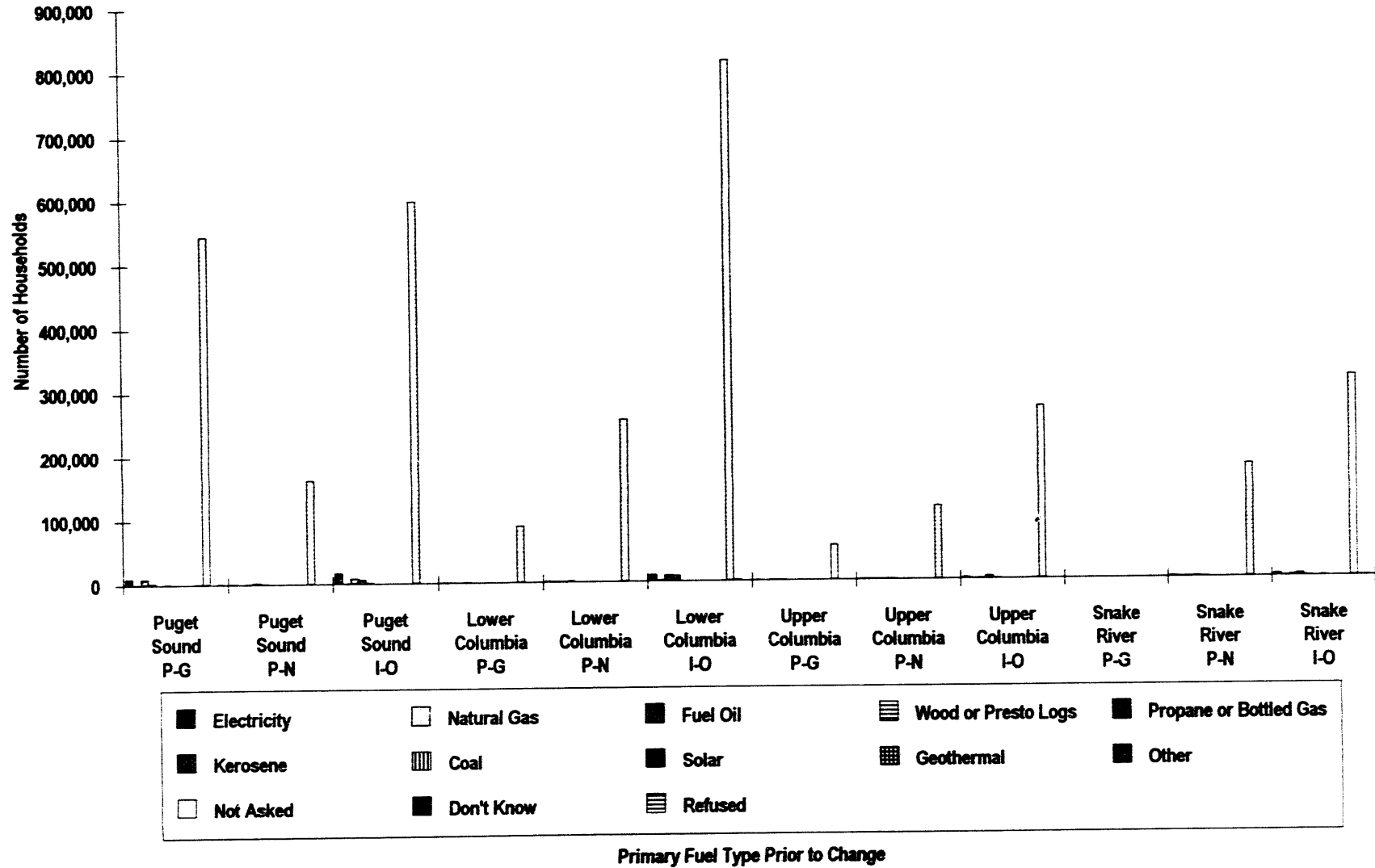


Table D-33: Daytime Heating by Area Office

Q89: During the winter, do you heat your home more than half of the time between 9 A.M. and 5 P.M. weekdays?

Raw Data

DAYTIME HEATING	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	826	743	367	1,162	1,388	543	1,347	1,998	681	N/A	3,132	967	13,154
No	696	362	261	723	743	322	502	574	264	N/A	1,111	423	5,981
Not Asked	91	15	15	70	35	16	37	45	28	N/A	77	24	453
Don't Know	47	30	23	72	49	26	54	59	33	N/A	143	40	576
Refused	0	0	0	1	0	0	1	1	1	N/A	1	1	6
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

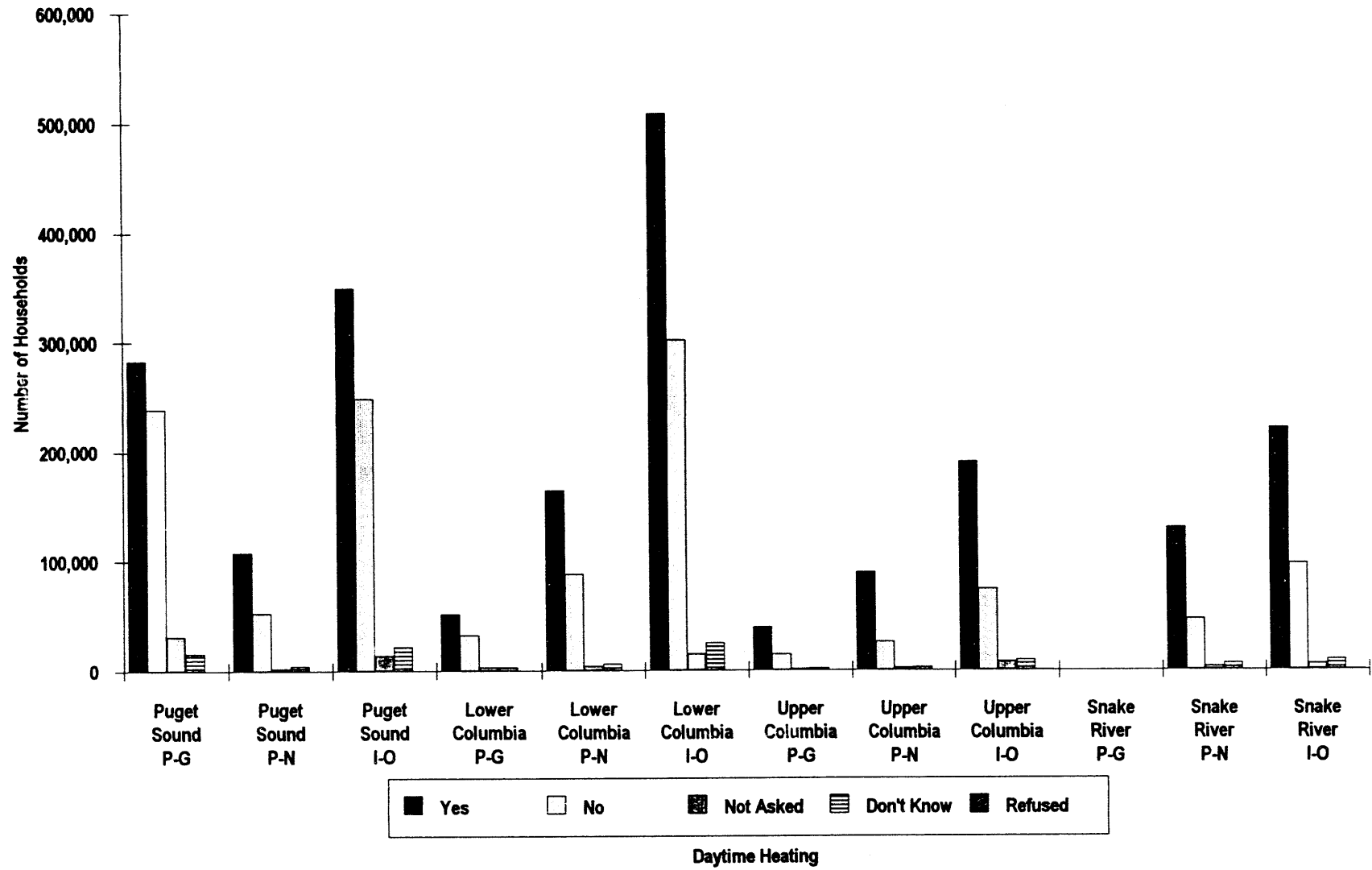
Weighted Data

DAYTIME HEATING	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	283,516	107,879	349,779	51,822	164,137	508,601	39,352	89,043	190,603	N/A	130,193	220,631	2,135,556
No	238,895	52,560	248,753	32,244	87,863	301,601	14,666	25,581	73,890	N/A	46,183	96,512	1,218,747
Not Asked	31,235	2,178	14,296	3,122	4,139	14,986	1,081	2,005	7,837	N/A	3,201	5,476	89,556
Don't Know	16,132	4,356	21,921	3,211	5,794	24,353	1,578	2,629	9,236	N/A	5,944	9,126	104,281
Refused	0	0	0	45	0	0	29	45	280	N/A	42	228	668
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-33: Daytime Heating by Area Office

Q89: During the winter, do you heat your home more than half of the time between 9 A.M. and 5 P.M. weekdays?



Not Asked: Respondents were asked this question if they answered Q44 'Heating System for Single Unit' or did not answer Q46 'No Heat'.

Table D-34: Natural Gas Available in Neighborhood by Area Office

Q90: Is natural gas available in your neighborhood?

Raw Data

NATURAL GAS AVAILABLE IN NEIGHBORHOOD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	525	253	162	900	558	303	480	332	202	N/A	1,299	386	5,400
No	347	649	207	334	1,024	160	977	1,808	363	N/A	1,842	503	8,214
Not Asked	550	93	224	339	239	323	110	324	387	N/A	774	441	3,804
Don't Know	238	155	73	454	394	121	374	213	55	N/A	548	125	2,750
Refused	0	0	0	1	0	0	0	0	0	N/A	1	0	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

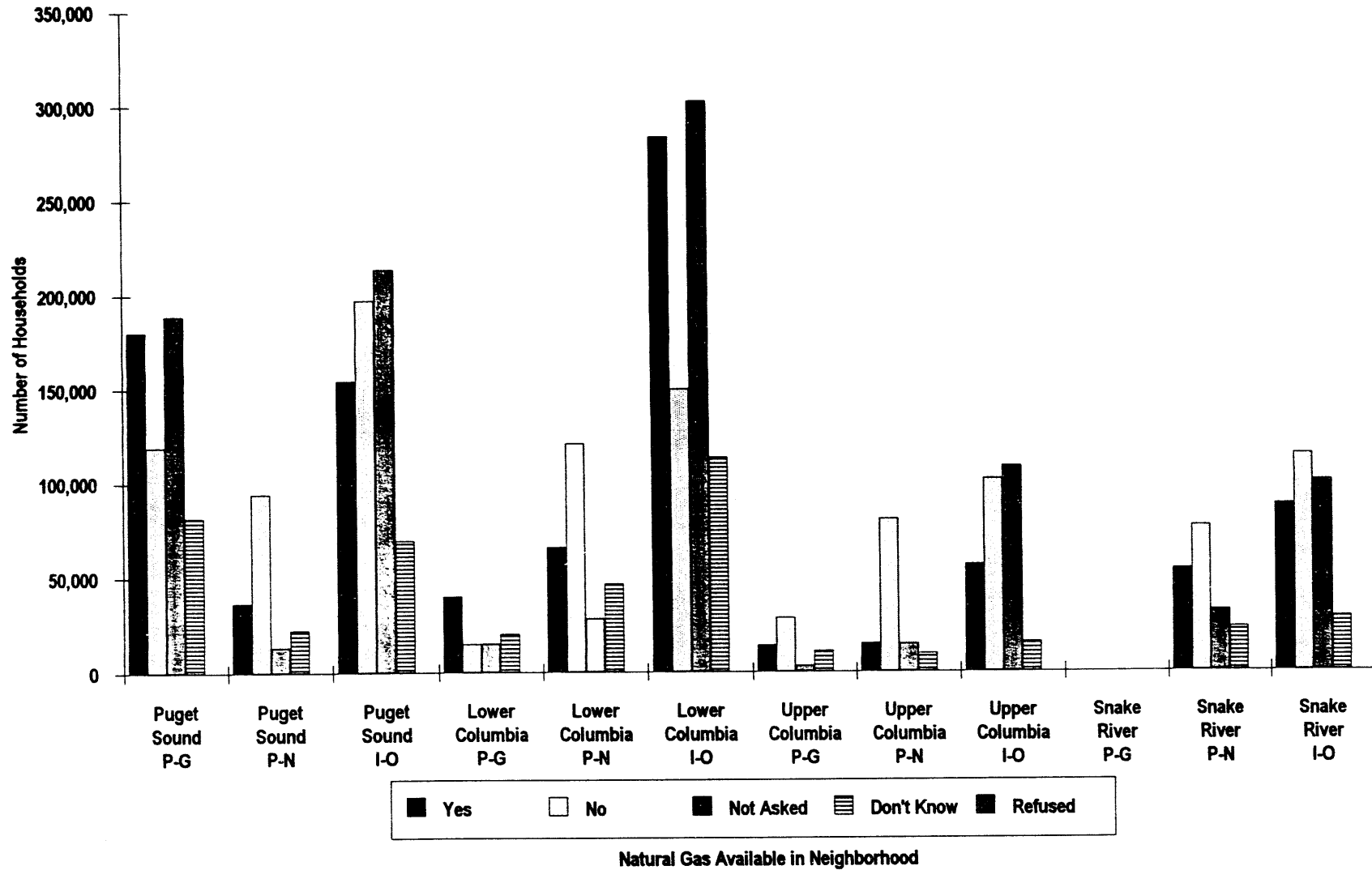
NATURAL GAS AVAILABLE IN NEIGHBORHOOD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	180,201	36,734	154,398	40,138	65,986	283,805	14,023	14,796	56,537	N/A	53,997	88,070	988,685
No	119,104	94,231	197,287	14,896	121,093	149,864	28,542	80,576	101,599	N/A	76,569	114,765	1,098,525
Not Asked	188,782	13,503	213,489	15,119	28,263	302,538	3,214	14,439	108,316	N/A	32,174	100,619	1,020,455
Don't Know	81,691	22,505	69,574	20,247	46,592	113,335	10,926	9,493	15,394	N/A	22,780	28,520	441,057
Refused	0	0	0	45	0	0	0	0	0	N/A	42	0	86
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Not Asked: Respondents were not asked this question if they answered Q46, Q68, or Q88 'Natural Gas,' or Q46 'Not Asked' or 'No Heat'.

Weighted Data

Chart D-34: Natural Gas Available in Neighborhood by Area Office

Q90: Is natural gas available in your neighborhood?



Not Asked: Respondents were not asked this question if they answered Q46, Q68, or Q88 'Natural Gas,' or Q46 'Not Asked' or 'No Heat'.

Table D-35: Presence of Air Conditioning by Area Office

Q92: Do you have air conditioning in your home?

Raw Data

PRESENCE OF AIR CONDITIONING	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	109	119	57	497	517	263	1,413	517	271	N/A	2,069	556	6,388
No	1,549	1,031	609	1,531	1,697	644	528	2,158	735	N/A	2,394	899	13,775
Don't Know	2	0	0	0	1	0	0	2	1	N/A	1	0	7
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PRESENCE OF AIR CONDITIONING	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	37,413	17,278	54,325	22,165	61,138	246,339	41,280	23,041	75,849	N/A	86,005	126,857	791,690
No	531,678	149,695	580,423	68,279	200,678	603,202	15,425	96,174	205,717	N/A	99,515	205,117	2,755,903
Don't Know	686	0	0	0	118	0	0	89	280	N/A	42	0	1,215
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-35: Presence of Air Conditioning by Area Office
Q92: Do you have air conditioning in your home?

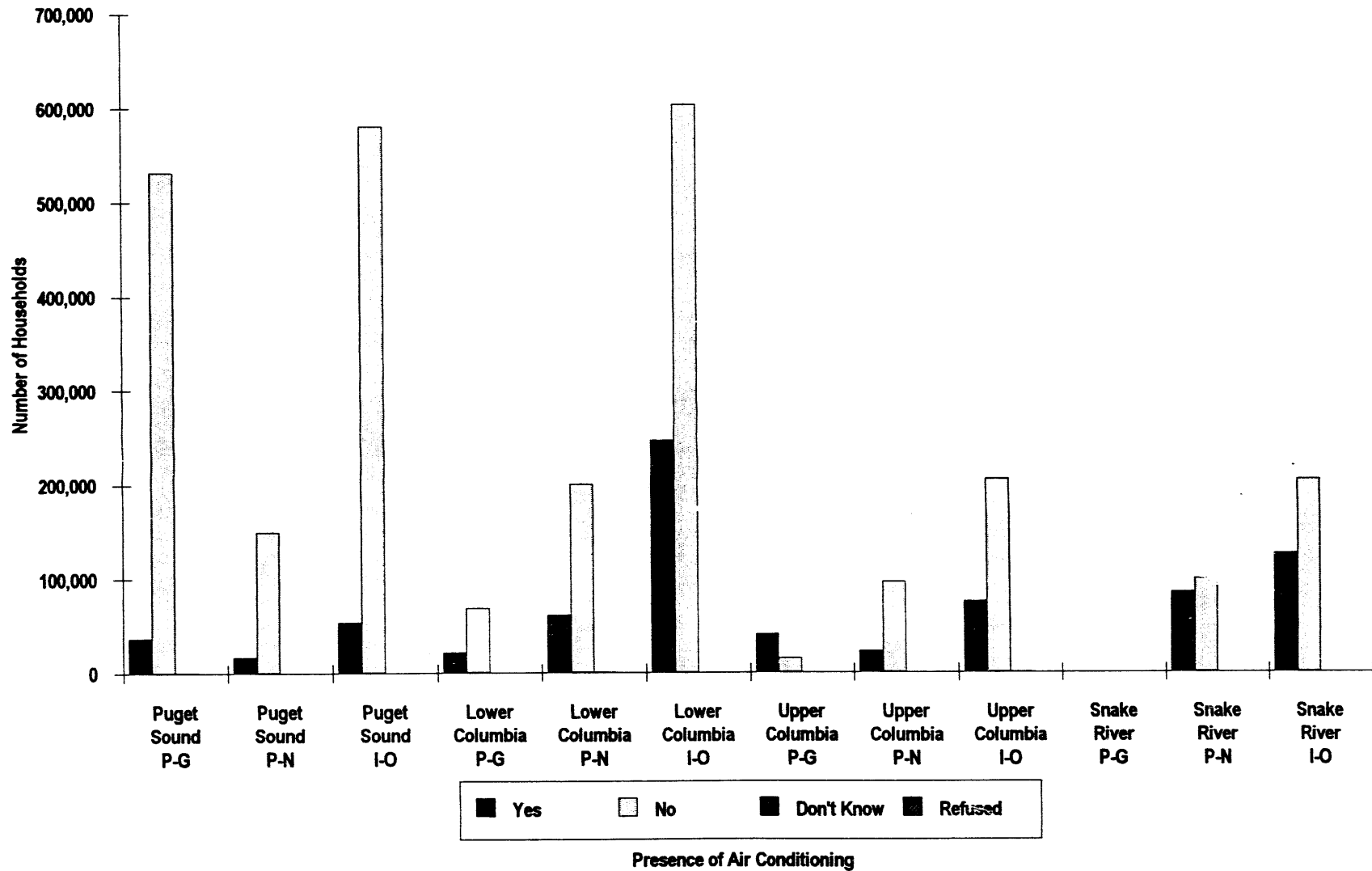


Table D-36: Multi-Unit Air Conditioning System by Area Office

Q94: What type of system do you have...?

Raw Data

MULTI-UNIT AIR CONDITIONING SYSTEM	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Central A/C – Cools All Units	5	1	2	3	4	2	20	3	2	N/A	22	6	70
A/C – Cools Several Units	1	0	0	0	1	0	2	2	0	N/A	3	0	9
A/C – Cools Single Unit	10	3	2	68	30	22	136	40	38	N/A	251	48	648
Not Asked	1,644	1,146	662	1,957	2,178	883	1,780	2,632	965	N/A	4,186	1,401	19,434
Don't Know	0	0	0	0	2	0	3	0	2	N/A	2	0	9
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

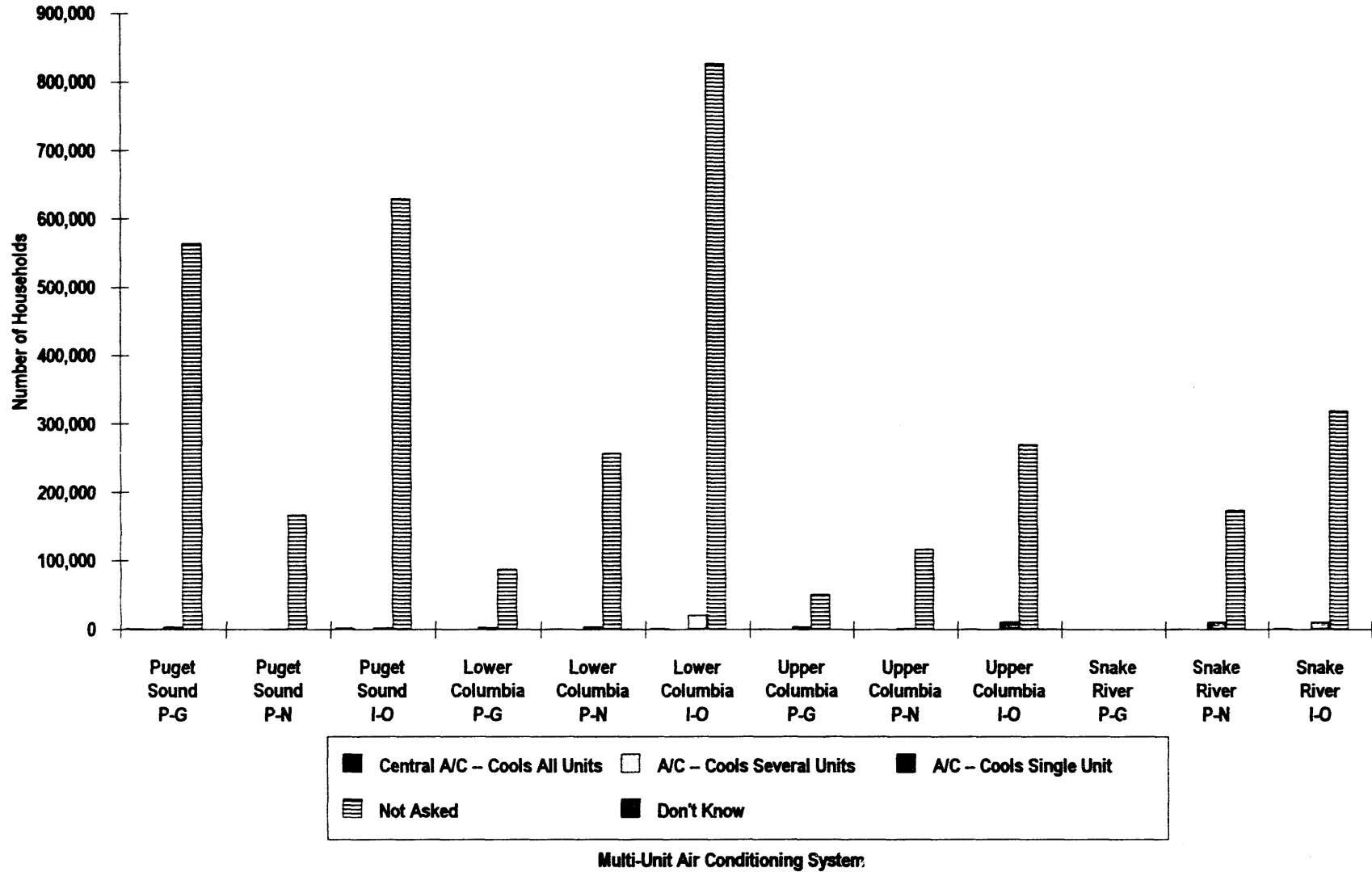
MULTI-UNIT AIR CONDITIONING SYSTEM	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Central A/C – Cools All Units	1,716	145	1,906	134	473	1,873	584	134	560	N/A	915	1,369	9,809
A/C – Cools Several Units	343	0	0	0	118	0	58	89	0	N/A	125	0	734
A/C – Cools Single Unit	3,432	436	1,906	3,033	3,548	20,606	3,973	1,783	10,636	N/A	10,434	10,952	70,738
Not Asked	564,286	166,392	630,936	87,278	257,559	827,061	52,001	117,299	270,091	N/A	174,006	319,653	3,466,561
Don't Know	0	0	0	0	237	0	88	0	560	N/A	83	0	967
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	155,562	331,974	3,548,809

Not Asked: Respondents were asked question if they answered Q92 'Yes' and did not answer Q16 'Manufactured Home' or 'Single Family Dwelling.'

Weighted Data

Chart D-36: Multi-Unit Air Conditioning System by Area Office

Q94: What type of system do you have...?



Not Asked: Respondents were asked question if they answered Q92 'Yes' and did not answer Q16 'Manufactured Home' or 'Single Family Dwelling.'

Table D-37: Most-Used Air Conditioning Equipment System Type by Area Office

Q96: What type of air conditioning system do you use most?

Raw Data

MOST-USED AIR CONDITIONING EQUIPMENT SYSTEM TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Central Electricity System	23	21	13	73	97	56	554	130	88	N/A	717	185	1,957
Central Gas System	4	0	5	8	13	11	4	5	11	N/A	19	22	102
Evaporative Swamp Cooler	1	0	2	6	7	8	113	74	24	N/A	196	76	507
Heat Pump	33	67	18	184	203	87	148	39	31	N/A	345	92	1,247
Individual Window or Wall Units	40	28	17	218	186	93	548	252	106	N/A	738	169	2,395
Not Asked	1,557	1,032	611	1,534	1,705	646	553	2,165	740	N/A	2,422	905	13,870
Don't Know	1	1	0	4	4	6	20	12	7	N/A	26	6	87
Refused	1	1	0	1	0	0	1	0	0	N/A	1	0	5
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

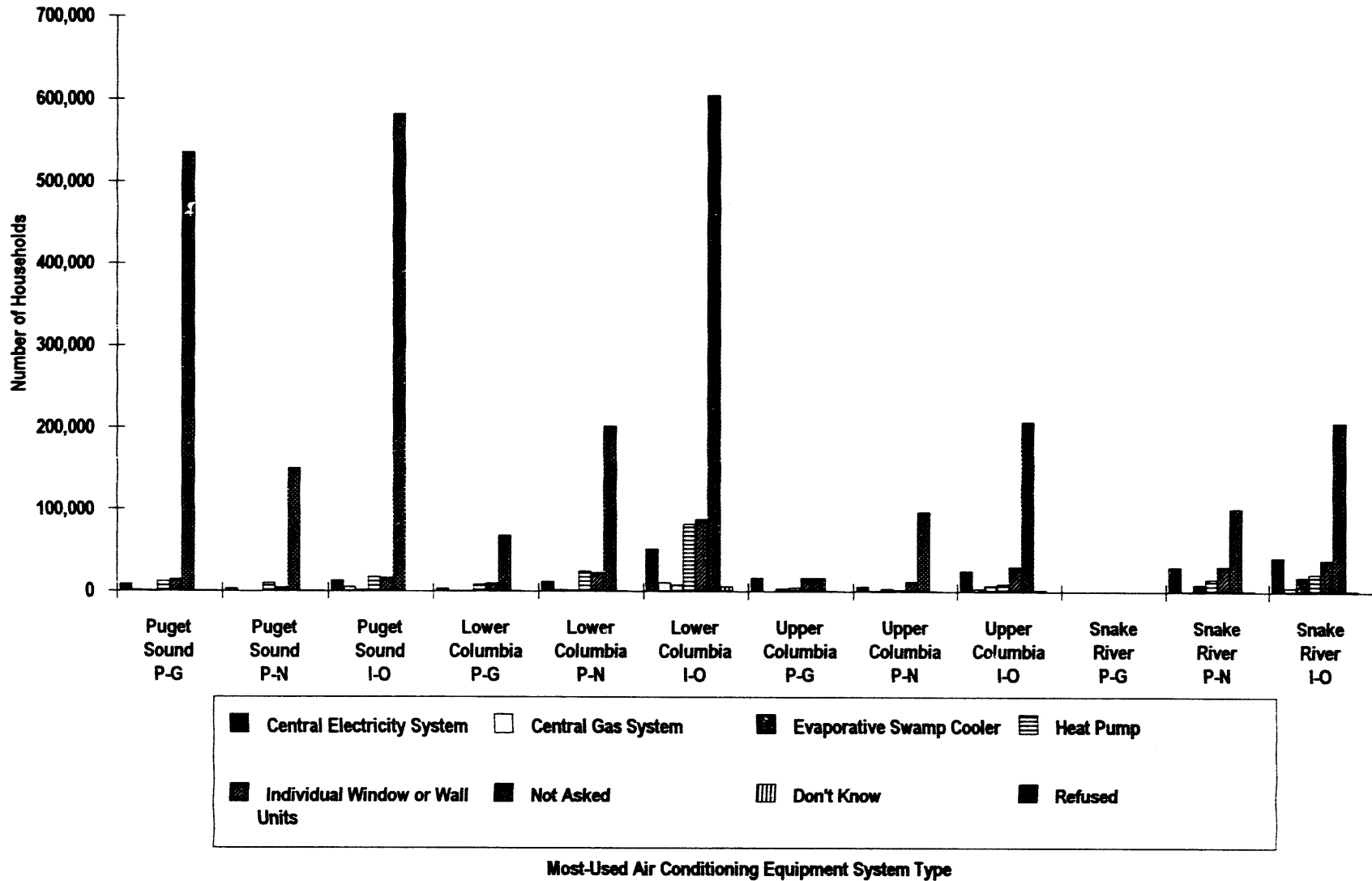
MOST-USED AIR CONDITIONING EQUIPMENT SYSTEM TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Central Electricity System	7,895	3,049	12,390	3,256	11,471	52,452	16,185	5,794	24,630	N/A	29,805	42,210	209,135
Central Gas System	1,373	0	4,765	357	1,537	10,303	117	223	3,079	N/A	790	5,020	27,563
Evaporative Swamp Cooler	343	0	1,906	268	828	7,493	3,301	3,298	6,717	N/A	8,147	17,340	49,642
Heat Pump	11,327	9,728	17,155	8,206	24,006	81,488	4,324	1,738	8,676	N/A	14,341	20,991	201,981
Individual Window or Wall Units	13,730	4,065	16,202	9,722	21,995	87,108	16,009	11,231	29,668	N/A	30,678	38,559	278,968
Not Asked	534,424	149,840	582,329	68,413	201,624	605,076	16,156	96,486	207,116	N/A	100,679	206,486	2,768,628
Don't Know	343	145	0	178	473	5,620	584	535	1,959	N/A	1,081	1,369	12,288
Refused	343	145	0	45	0	0	29	0	0	N/A	42	0	604
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Not Asked: Respondents were asked this question if they answered Q92 'Yes', and Q94 'A/C - Cools Single Unit.' or 'Not Asked'.

Weighted Data

Chart D-37: Most-Used Air Conditioning Equipment System Type by Area Office

Q96: What type of air conditioning system do you use most?



Not Asked: Respondents were asked this question if they answered Q92 'Yes', and Q94 'A/C - Cools Single Unit,' or 'Not Asked'.

Table D-38: Number of Window or Wall Air Conditioning Units by Area Office

Q98: How many window or wall air conditioning units do you have in your home?

Raw Data

NUMBER OF WINDOW OR WALL AIR CONDITIONING UNITS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	0	0	0	1	0	0	1	0	0	N/A	2	0	4
One	32	26	14	194	155	81	434	218	92	N/A	598	145	1,989
Two	6	2	2	21	28	12	88	27	10	N/A	117	21	334
Three	2	0	0	2	3	0	16	6	2	N/A	15	2	48
Four	0	0	0	0	0	0	3	0	1	N/A	1	0	5
Five	0	0	0	0	0	0	1	0	0	N/A	2	0	3
Six	0	0	0	0	0	0	1	1	0	N/A	1	0	3
Seven	0	0	0	0	0	0	1	0	0	N/A	0	0	1
Eleven	0	0	0	0	0	0	1	0	0	N/A	0	0	1
Not Asked	1,620	1,122	649	1,810	2,029	814	1,393	2,425	901	N/A	3,726	1,286	17,775
Don't Know	0	0	1	0	0	0	2	0	1	N/A	2	1	7
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF WINDOW OR WALL AIR CONDITIONING UNITS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	0	0	0	45	0	0	29	0	0	N/A	83	0	157
One	10,984	3,775	13,343	8,652	18,329	75,869	12,679	9,715	25,750	N/A	24,858	33,083	237,037
Two	2,059	290	1,906	937	3,311	11,240	2,571	1,203	2,799	N/A	4,864	4,791	35,971
Three	686	0	0	89	355	0	467	267	560	N/A	624	456	3,505
Four	0	0	0	0	0	0	88	0	280	N/A	42	0	409
Five	0	0	0	0	0	0	29	0	0	N/A	83	0	112
Six	0	0	0	0	0	0	29	45	0	N/A	42	0	115
Seven	0	0	0	0	0	0	29	0	0	N/A	0	0	29
Eleven	0	0	0	0	0	0	29	0	0	N/A	0	0	29
Not Asked	556,048	162,908	618,546	80,722	239,939	762,433	40,696	108,073	252,178	N/A	154,884	293,415	3,269,840
Don't Know	0	0	953	0	0	0	58	0	280	N/A	83	228	1,603
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-38: Number of Window or Wall Air Conditioning Units by Area Office

Q98: How many window or wall air conditioning units do you have in your home?

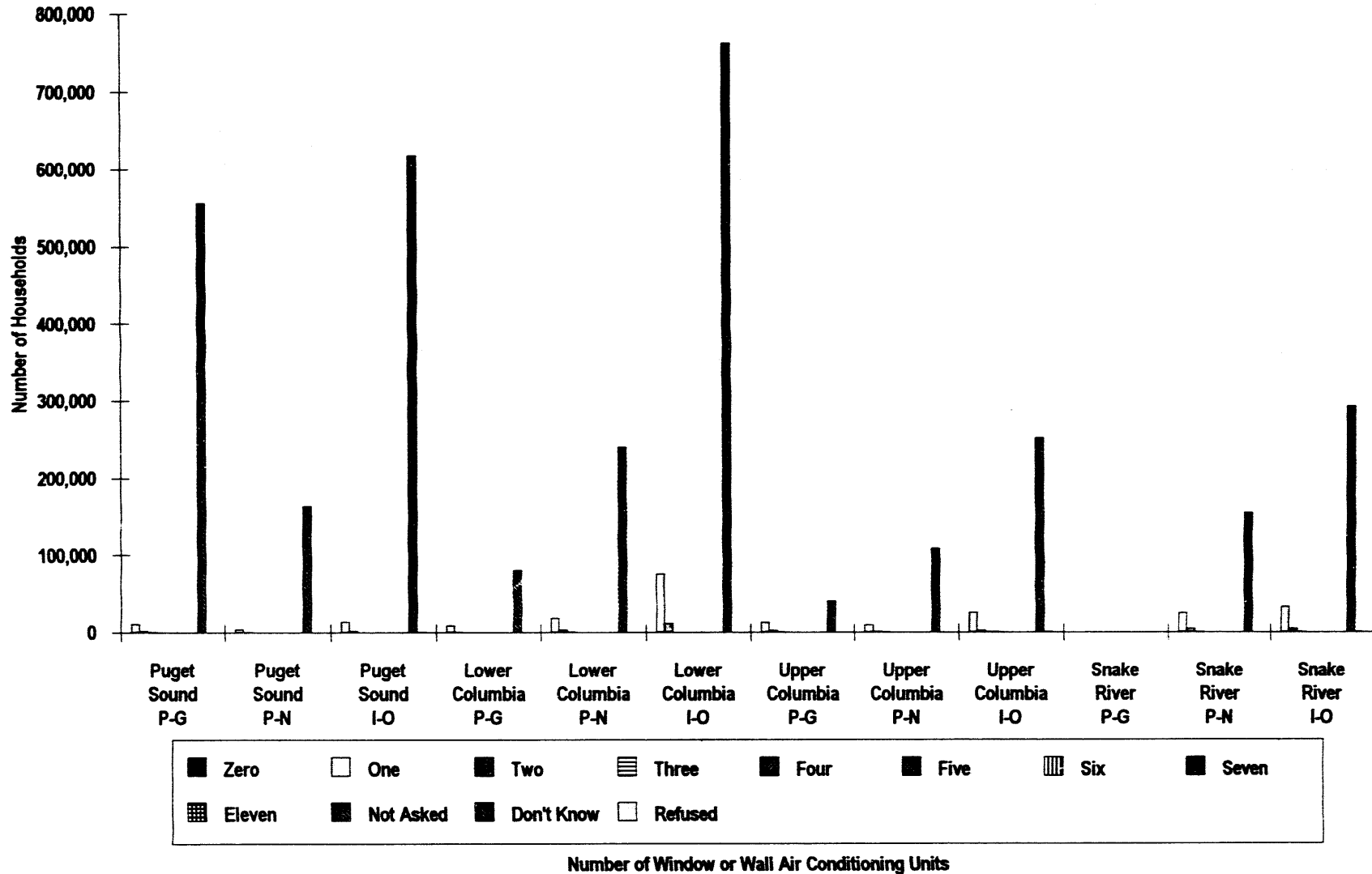


Table D-39: Multi-Unit Water-Heating System by Area Office

Q100: Is most of the hot water you use heated by...?

Raw Data

MULTI-UNIT WATER-HEATING SYSTEM	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Central Water Heater for All Units	109	18	21	82	30	17	37	49	27	N/A	88	22	500
Central Water Heater for Several Units	11	4	3	19	5	4	13	7	3	N/A	17	2	88
Central Water Heater for Single Unit	282	73	87	327	249	136	145	162	77	N/A	372	74	1,984
No Hot Water in Unit	2	1	2	1	1	1	2	3	1	N/A	0	1	15
Not Asked	1,247	1,053	552	1,582	1,926	744	1,739	2,455	899	N/A	3,977	1,354	17,528
Don't Know	8	1	1	17	4	5	5	1	0	N/A	10	2	54
Refused	1	0	0	0	0	0	0	0	0	N/A	0	0	1
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

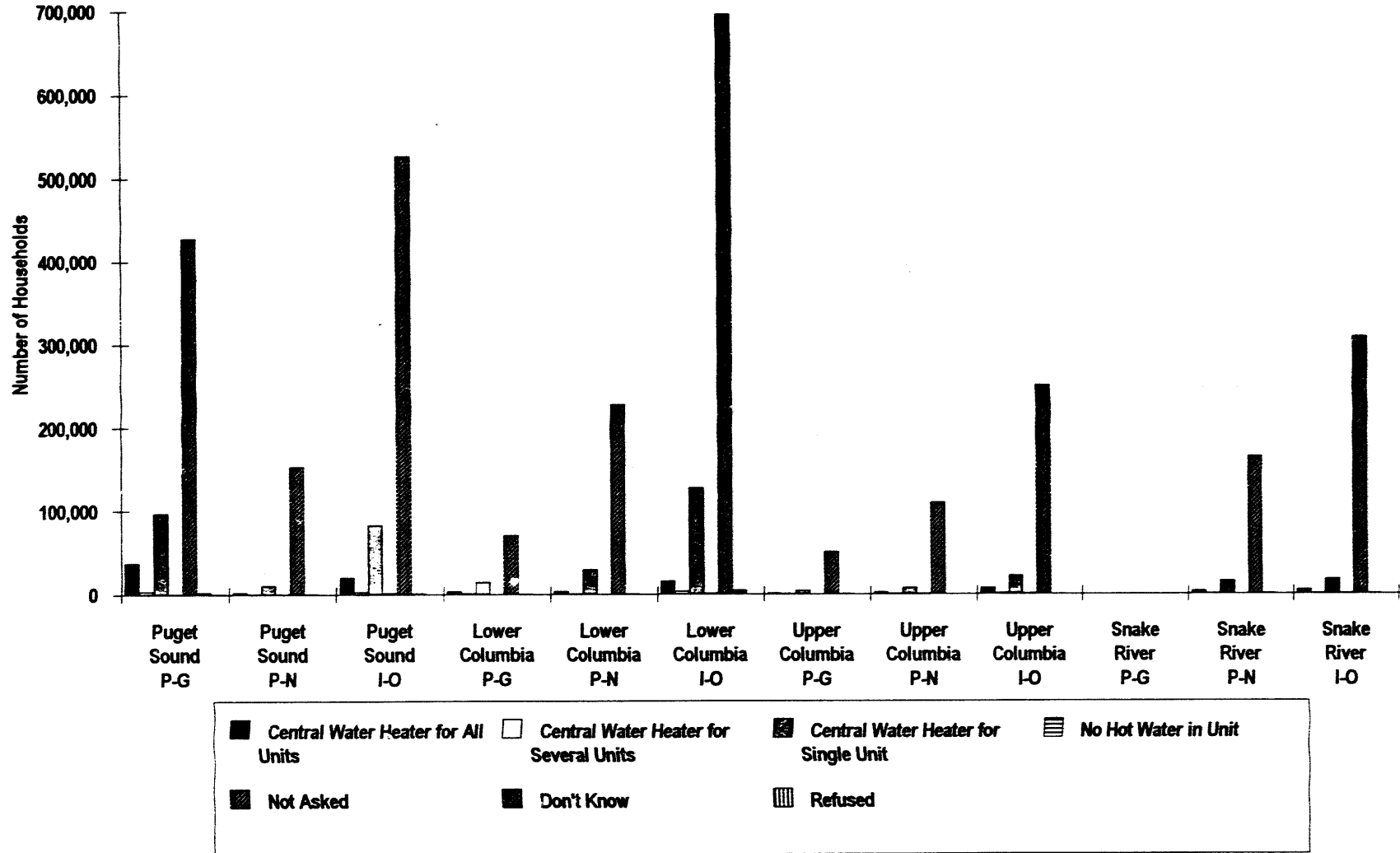
MULTI-UNIT WATER-HEATING SYSTEM	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Central Water Heater for All Units	37,413	2,613	20,015	3,657	3,548	15,923	1,081	2,184	7,557	N/A	3,658	5,020	102,668
Central Water Heater for Several Units	3,776	581	2,859	847	591	3,747	380	312	840	N/A	707	456	15,095
Central Water Heater for Single Unit	96,794	10,599	82,918	14,583	29,445	127,384	4,236	7,220	21,551	N/A	15,463	16,884	427,078
No Hot Water in Unit	686	145	1,906	45	118	937	58	134	280	N/A	0	228	4,538
Not Asked	428,020	152,889	526,097	70,553	227,758	696,867	50,804	109,410	251,618	N/A	165,318	308,930	2,988,265
Don't Know	2,746	145	953	758	473	4,683	146	45	0	N/A	416	456	10,821
Refused	343	0	0	0	0	0	0	0	0	N/A	0	0	343
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Not Asked: Respondents were not asked this question if they answered Q16 'Manufactured Home' or 'Single Family Dwelling'

Weighted Data

Chart D-39: Multi-Unit Water-Heating System by Area Office

Q100: Is most of the hot water you use heated by...?



Multi-Unit Water-Heating System

Not Asked: Respondents were not asked this question if they answered Q16 'Manufactured Home' or 'Single Family Dwelling'.

Table D-40: Primary Water-Heating Fuel Type by Area Office

Q102: What fuel do you use most for heating water in your home?

Raw Data

PRIMARY WATER-HEATING FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	1,178	1,041	464	1,702	1,985	659	1,837	2,268	686	N/A	3,796	1,119	16,735
Natural Gas	319	43	160	184	144	208	26	178	240	N/A	426	260	2,188
Fuel Oil	6	2	2	3	3	1	0	6	2	N/A	4	1	30
Wood	2	10	0	1	9	0	1	29	7	N/A	14	1	74
Propane or Bottled Gas	7	23	10	3	21	6	11	122	30	N/A	82	31	346
Kerosene	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Solar	0	3	0	7	5	1	0	1	1	N/A	10	9	37
Other	0	0	0	0	2	0	1	2	1	N/A	3	1	10
No Hot Water In Home	0	1	0	0	1	0	0	0	0	N/A	1	1	4
Not Asked	131	24	27	119	40	27	57	60	31	N/A	115	27	658
Don't Know	17	3	3	9	5	5	8	11	9	N/A	13	5	88
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

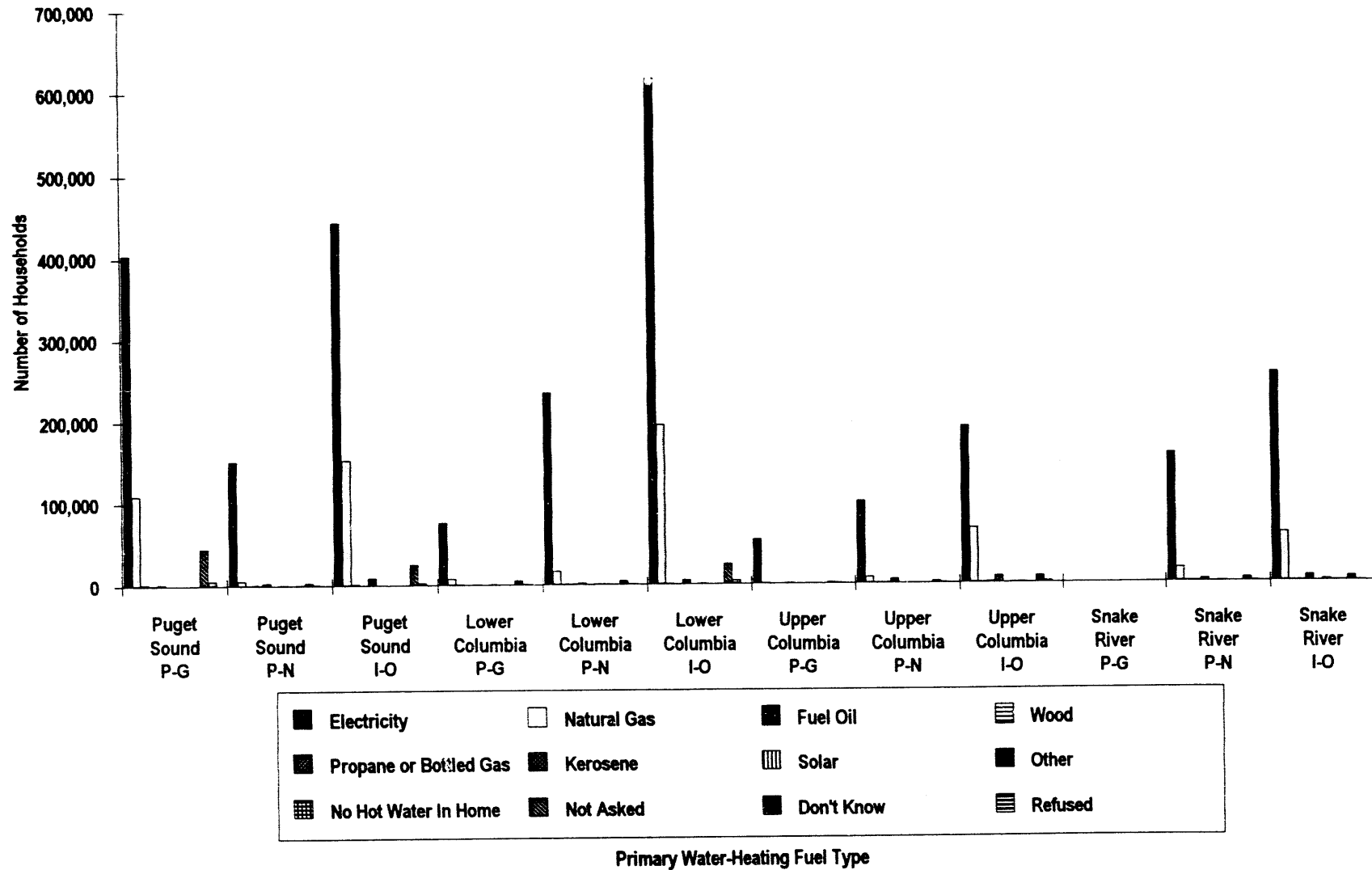
Weighted Data

PRIMARY WATER-HEATING FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	404,336	151,147	442,227	75,905	234,735	617,252	53,667	101,076	192,002	N/A	157,794	255,312	2,685,454
Natural Gas	109,493	6,243	152,492	8,206	17,029	194,823	760	7,933	67,173	N/A	17,708	59,322	641,182
Fuel Oil	2,059	290	1,906	134	355	937	0	267	560	N/A	166	228	6,903
Wood	686	1,452	0	45	1,064	0	29	1,292	1,959	N/A	582	228	7,338
Propane or Bottled Gas	2,403	3,339	9,531	134	2,483	5,620	321	5,437	8,397	N/A	3,409	7,073	48,147
Kerosene	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Solar	0	436	0	312	591	937	0	45	280	N/A	416	2,053	5,069
Other	0	0	0	0	237	0	29	89	280	N/A	125	228	988
No Hot Water In Home	0	145	0	0	118	0	0	0	0	N/A	42	228	533
Not Asked	44,964	3,485	25,733	5,307	4,730	25,290	1,665	2,674	8,676	N/A	4,780	6,160	133,465
Don't Know	5,835	436	2,859	401	591	4,683	234	490	2,519	N/A	540	1,141	19,730
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-40: Primary Water-Heating Fuel Type by Area Office

Q102: What fuel do you use most for heating water in your home?



Not Asked: Respondents were asked this question if they answered Q16 'Manufactured Home' or 'Single Family Dwelling'.

Table D-41: Stove-Top Fuel Type by Area Office

Q116: What fuel does your stove top use?

Raw Data

STOVE-TOP FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	1,545	1,081	609	1,924	2,091	825	1,894	2,427	922	N/A	4,166	1,331	18,815
Natural Gas	106	20	46	86	65	66	20	54	44	N/A	152	83	742
Propane or Bottled Gas	7	38	9	8	44	11	19	161	29	N/A	120	31	477
Kerosene	0	1	0	0	0	1	0	5	1	N/A	1	0	9
Wood	0	6	2	1	7	2	4	24	7	N/A	10	8	71
Other	0	1	0	0	5	0	1	1	0	N/A	2	0	10
No Stove-Top Burners	0	2	0	6	1	1	2	1	1	N/A	8	0	22
Don't Know	2	1	0	3	1	1	1	3	3	N/A	5	2	22
Refused	0	0	0	0	1	0	0	1	0	N/A	0	0	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

STOVE-TOP FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	530,305	156,955	580,423	85,806	247,270	772,736	55,332	108,162	258,056	N/A	173,174	303,682	3,271,901
Natural Gas	36,383	2,904	43,841	3,835	7,687	61,819	584	2,407	12,315	N/A	6,318	18,937	197,031
Propane or Bottled Gas	2,403	5,517	8,578	357	5,203	10,303	555	7,175	8,117	N/A	4,988	7,073	60,269
Kerosene	0	145	0	0	0	937	0	223	280	N/A	42	0	1,626
Wood	0	871	1,906	45	828	1,873	117	1,070	1,959	N/A	416	1,825	10,910
Other	0	145	0	0	591	0	29	45	0	N/A	83	0	893
No Stove-Top Burners	0	290	0	268	118	937	58	45	280	N/A	333	0	2,328
Don't Know	686	145	0	134	118	937	29	134	840	N/A	208	456	3,687
Refused	0	0	0	0	118	0	0	45	0	N/A	0	0	163
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-41: Stove-Top Fuel Type by Area Office

Q116: What fuel does your stove top use?

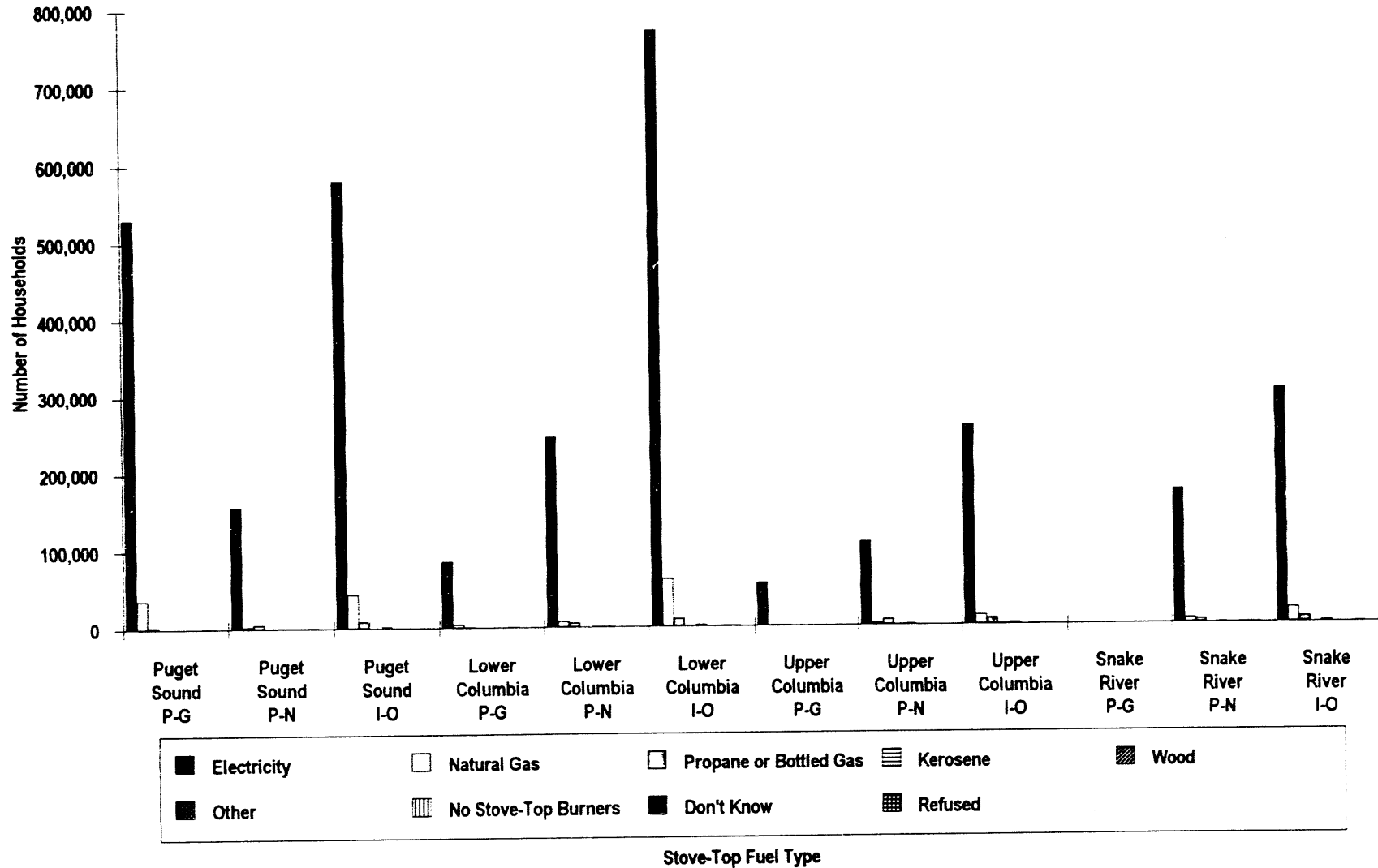


Table D-42: Number of Cooking Ovens by Area Office

Q118: How many ovens, not including microwave ovens or toaster ovens, do you use for cooking?

Raw Data

NUMBER OF COOKING OVENS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	29	19	15	36	33	10	34	58	17	N/A	51	17	319
One	1,449	1,009	589	1,830	1,966	802	1,705	2,335	875	N/A	3,950	1,298	17,808
Two	175	117	59	155	208	85	187	271	107	N/A	442	132	1,938
Three	4	4	3	6	7	7	10	10	7	N/A	16	6	80
Four	2	0	0	1	1	2	3	0	1	N/A	4	1	15
Five	0	0	0	0	0	0	1	0	0	N/A	0	0	1
Six	1	0	0	0	0	0	0	1	0	N/A	0	0	2
Don't Know	0	1	0	0	0	1	1	2	0	N/A	1	1	7
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF COOKING OVENS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	9,954	2,759	14,296	1,606	3,902	9,366	993	2,585	4,758	N/A	2,120	3,879	56,218
One	497,354	146,501	561,361	81,614	232,489	751,193	49,810	104,062	244,901	N/A	164,196	296,153	3,129,633
Two	60,067	16,988	56,231	6,913	24,597	79,615	5,463	12,077	29,948	N/A	18,373	30,117	340,390
Three	1,373	581	2,859	268	828	6,557	292	446	1,959	N/A	665	1,369	17,196
Four	686	0	0	45	118	1,873	88	0	280	N/A	166	228	3,485
Five	0	0	0	0	0	0	29	0	0	N/A	0	0	29
Six	343	0	0	0	0	0	0	45	0	N/A	0	0	388
Don't Know	0	145	0	0	0	937	29	89	0	N/A	42	228	1,470
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-42: Number of Cooking Ovens by Area Office

Q118: How many ovens, not including microwave ovens or toaster ovens, do you use for cooking?

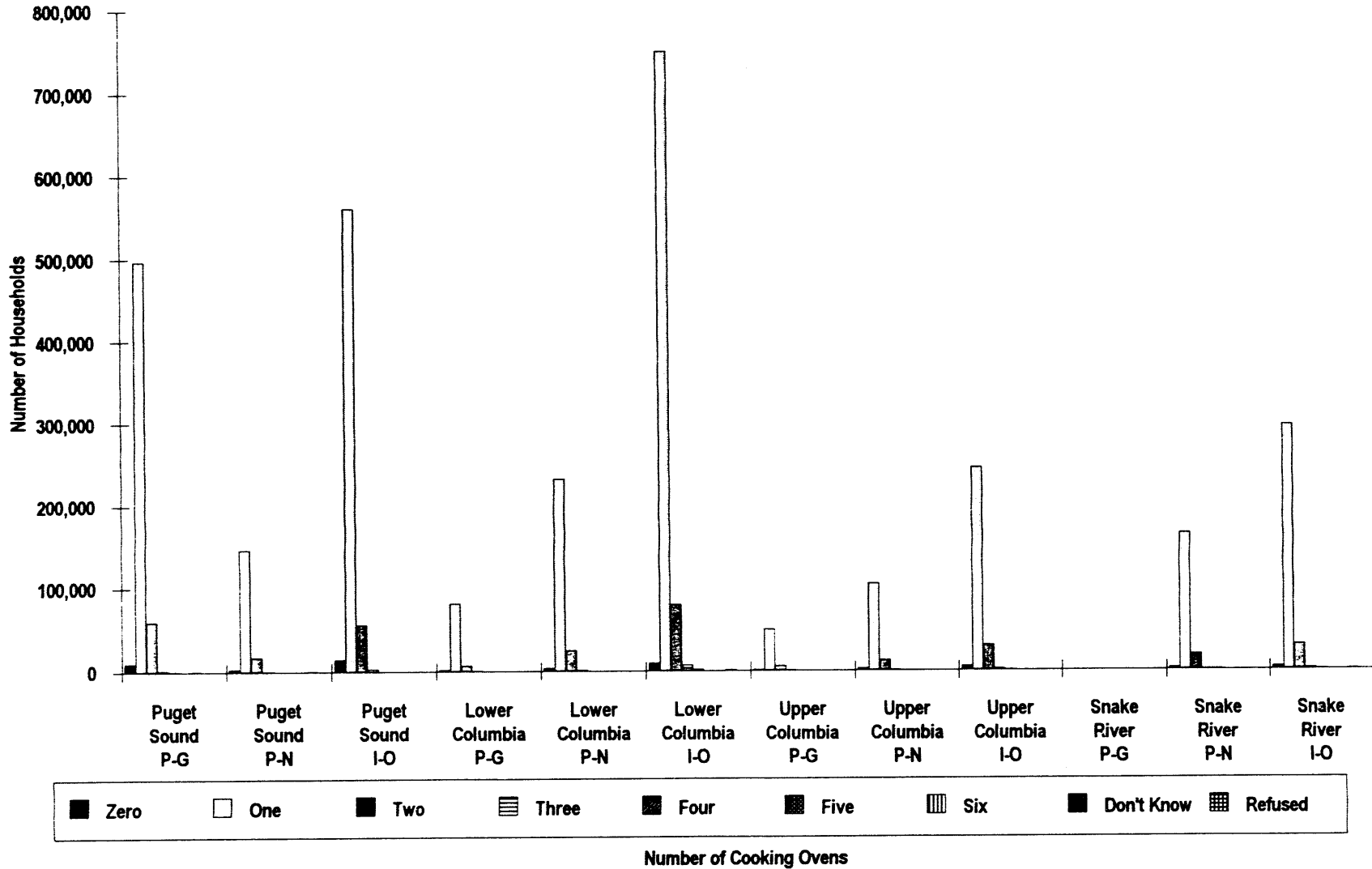


Table D-43: Cooking Oven Fuel Type by Area Office

Q120: What fuel does your oven use?

Raw Data

COOKING OVEN FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	1,535	1,079	613	1,915	2,092	822	1,868	2,403	921	N/A	4,172	1,332	18,752
Natural Gas	88	18	33	69	56	61	17	63	44	N/A	138	78	665
Other	6	32	5	8	32	13	20	149	24	N/A	101	26	416
Not Asked	29	20	15	36	33	11	35	60	17	N/A	52	18	326
Don't Know	2	1	0	0	1	0	1	2	1	N/A	1	1	10
Refused	0	0	0	0	1	0	0	0	0	N/A	0	0	1
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

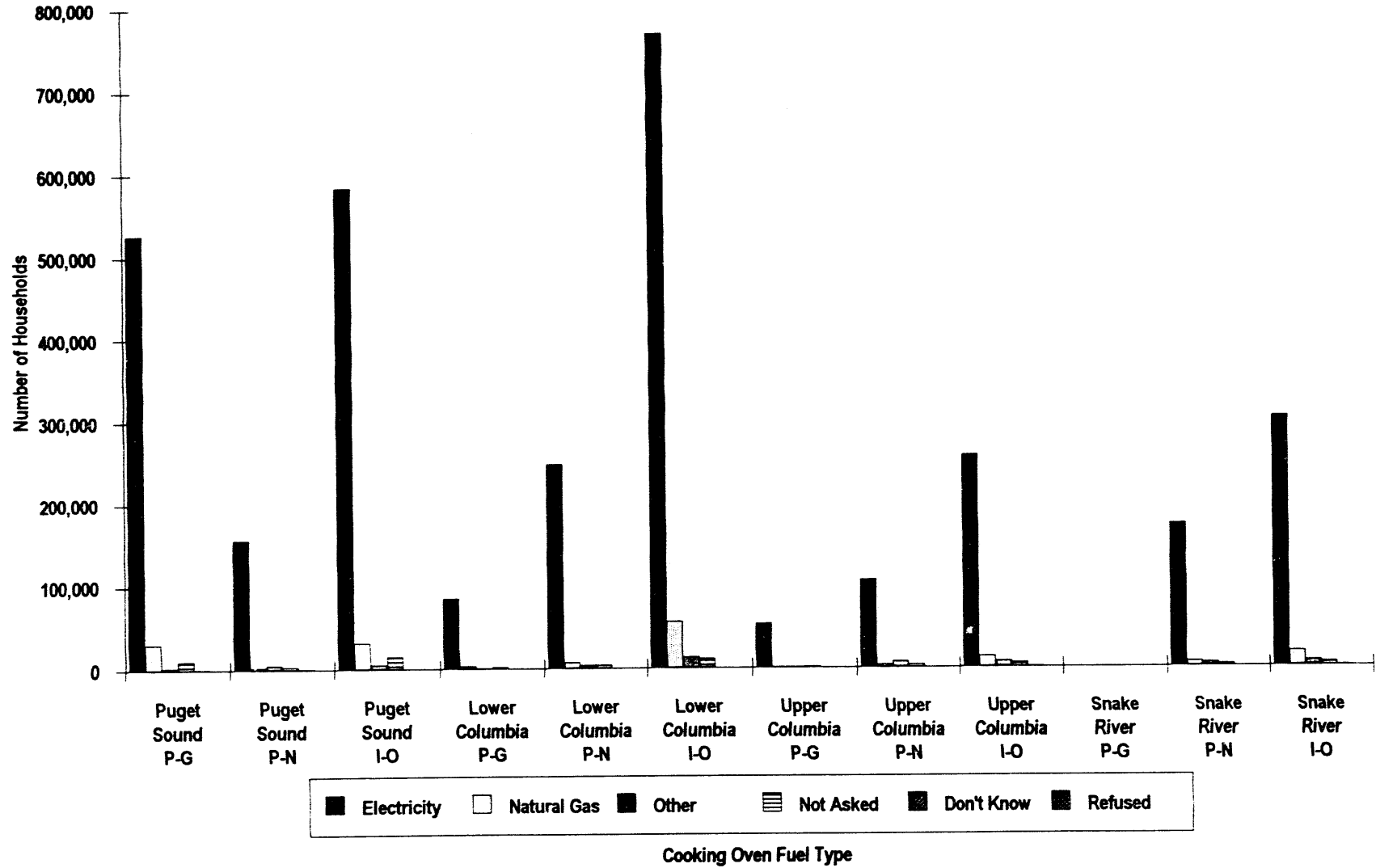
COOKING OVEN FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	526,873	156,664	584,235	85,404	247,389	769,926	54,572	107,093	257,776	N/A	173,424	303,910	3,267,266
Natural Gas	30,205	2,613	31,451	3,077	6,622	57,136	497	2,808	12,315	N/A	5,736	17,797	170,258
Other	2,059	4,646	4,765	357	3,784	12,176	584	6,640	6,717	N/A	4,198	5,932	51,861
Not Asked	9,954	2,904	14,296	1,606	3,902	10,303	1,023	2,674	4,758	N/A	2,162	4,107	57,688
Don't Know	686	145	0	0	118	0	29	89	280	N/A	42	228	1,618
Refused	0	0	0	0	118	0	0	0	0	N/A	0	0	118
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Not Asked: Respondents were not asked this question if they answered Q118 'Zero', 'Don't Know', or 'Refused'

Weighted Data

Chart D-43: Cooking Oven Fuel Type by Area Office

Q120: What fuel does your oven use?



Not Asked: Respondents were not asked this question if they answered Q118 'Zero', 'Don't Know', or 'Refused'.

Table D-44: Presence of Microwave Oven by Area Office

Q122: Do you have a microwave oven in your home that you use at least occasionally?

Raw Data

PRESENCE OF MICROWAVE OVEN	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	1,420	1,029	602	1,723	2,024	812	1,756	2,351	916	N/A	4,091	1,336	18,060
No	240	120	64	305	191	95	185	326	91	N/A	372	119	2,108
Refused	0	1	0	0	0	0	0	0	0	N/A	1	0	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PRESENCE OF MICROWAVE OVEN	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	487,401	149,405	573,751	76,842	239,347	760,559	51,300	104,775	256,376	N/A	170,057	304,823	3,174,636
No	82,378	17,423	60,997	13,602	22,587	88,982	5,405	14,529	25,470	N/A	15,463	27,151	373,986
Refused	0	145	0	0	0	0	0	0	0	N/A	42	0	187
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-44: Presence of Microwave Oven by Area Office
Q122: Do you have a microwave oven in your home that you use at least occasionally?

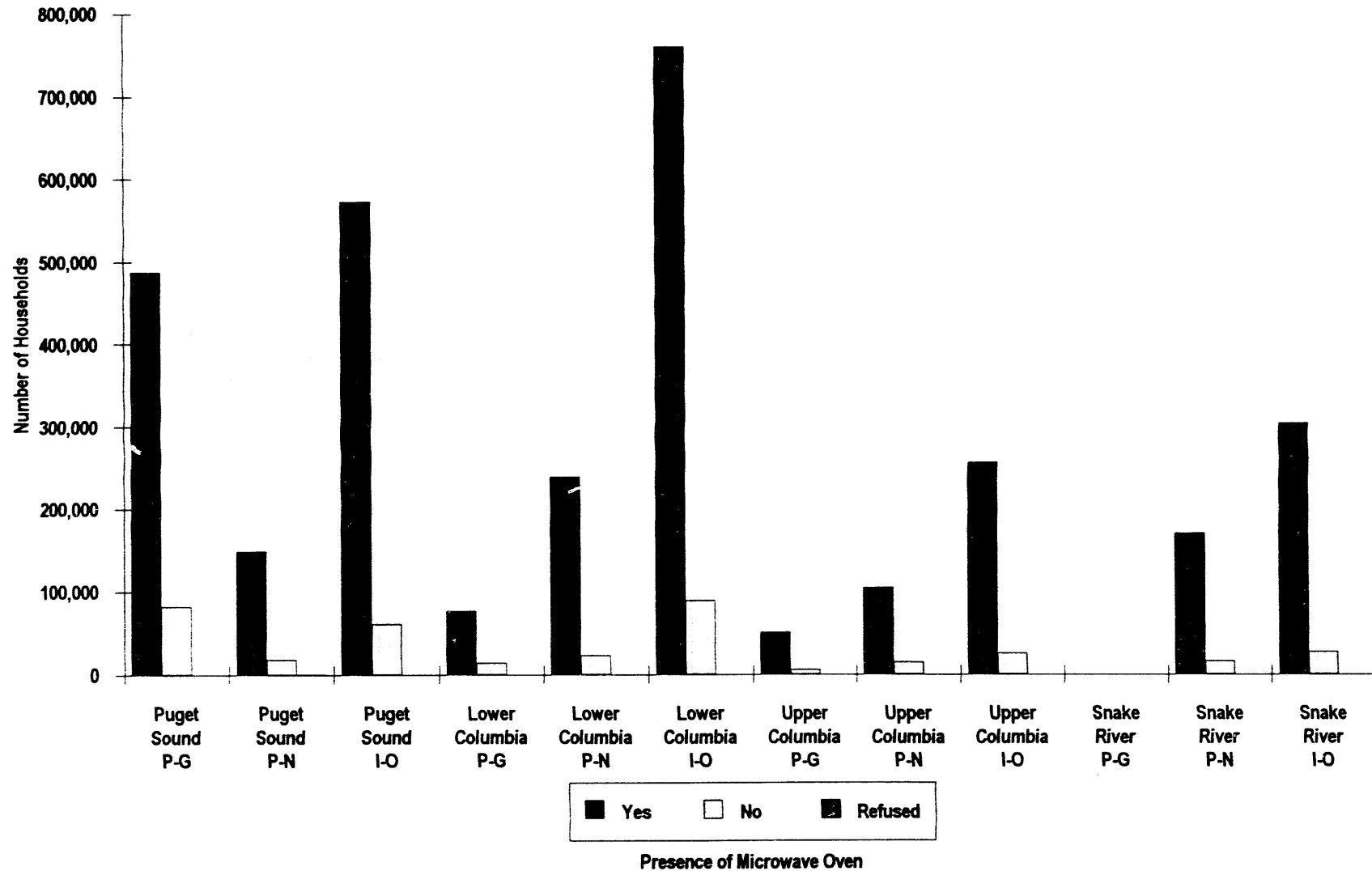


Table D-45: Number of Refrigerators by Area Office

Q124A: How many refrigerators do you have in your home?

Raw Data

NUMBER OF REFRIGERATORS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	0	1	0	0	4	1	0	8	1	N/A	6	3	24
One	1,411	963	565	1,701	1,811	749	1,533	2,220	850	N/A	3,663	1,225	16,691
Two	233	171	93	305	371	146	372	421	147	N/A	741	212	3,212
Three	12	13	6	19	27	11	26	25	8	N/A	48	12	207
Four	3	0	0	2	2	0	7	1	0	N/A	1	3	19
Five	0	0	1	0	0	0	1	0	0	N/A	2	0	4
Six	1	0	0	0	0	0	0	0	0	N/A	0	0	1
Seven	0	0	0	0	0	0	0	1	0	N/A	0	0	1
Don't Know	0	0	1	0	0	0	0	0	1	N/A	1	0	3
Refused	0	2	0	1	0	0	2	1	0	N/A	2	0	8
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF REFRIGERATORS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	0	145	0	0	473	937	0	357	280	N/A	249	684	3,125
One	484,311	139,822	538,487	75,861	214,159	701,550	44,786	98,937	237,904	N/A	152,265	279,497	2,967,579
Two	79,975	24,828	88,636	13,602	43,872	136,751	10,868	18,762	41,143	N/A	30,802	48,370	537,610
Three	4,119	1,888	5,718	847	3,193	10,303	760	1,114	2,239	N/A	1,995	2,738	34,914
Four	1,030	0	0	89	237	0	205	45	0	N/A	42	684	2,331
Five	0	0	953	0	0	0	29	0	0	N/A	83	0	1,065
Six	343	0	0	0	0	0	0	0	0	N/A	0	0	343
Seven	0	0	0	0	0	0	0	45	0	N/A	0	0	45
Don't Know	0	0	953	0	0	0	0	0	280	N/A	42	0	1,275
Refused	0	290	0	45	0	0	58	45	0	N/A	83	0	521
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-45: Number of Refrigerators by Area Office

Q124A: How many refrigerators do you have in your home?

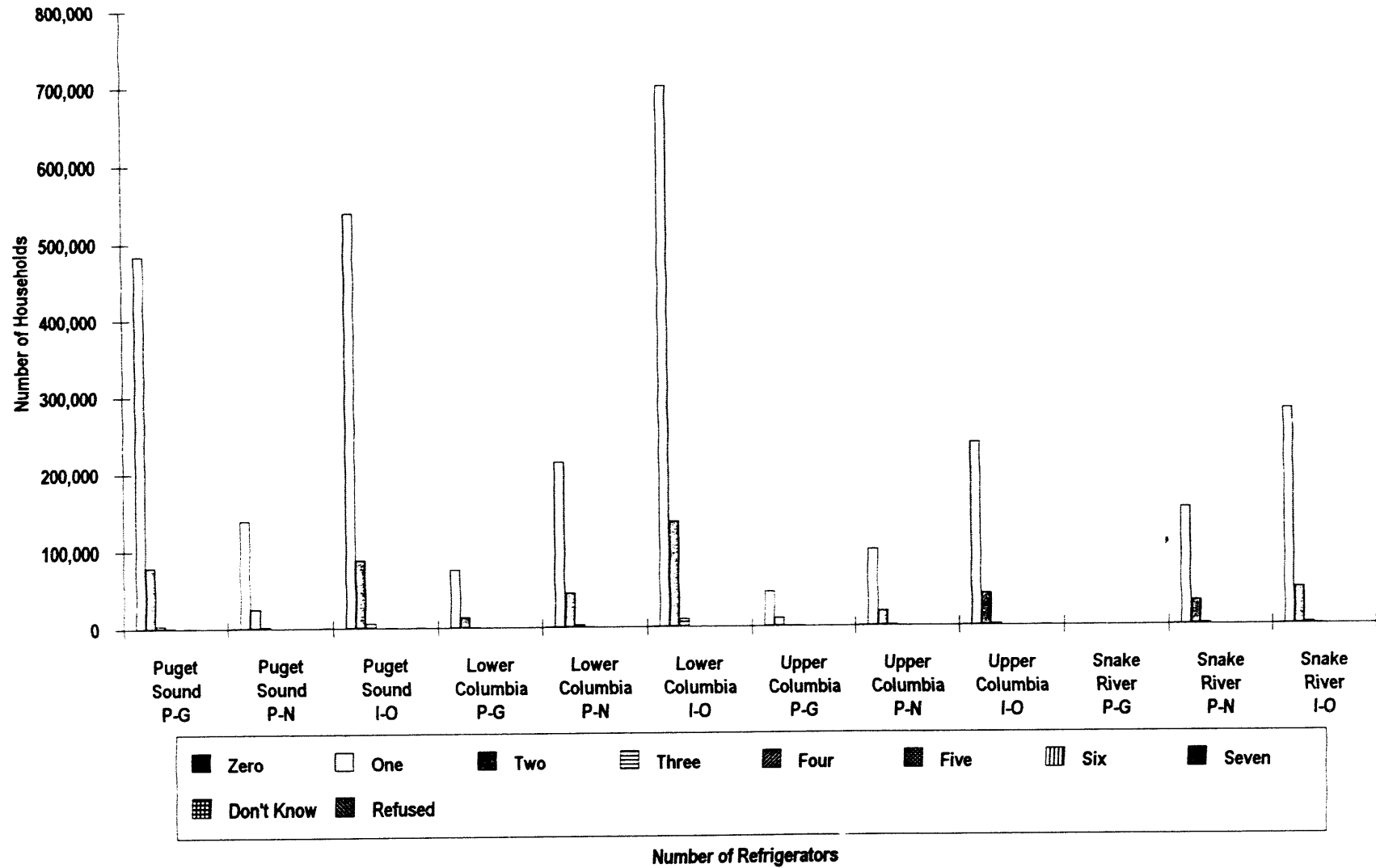


Table D-46: Number of Televisions by Area Office

Q124B: How many televisions do you have in your home?

Raw Data	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
NUMBER OF TELEVISIONS													
Zero	17	21	7	44	51	10	35	96	18	N/A	57	17	373
One	719	536	286	932	996	387	928	1,562	480	N/A	2,168	673	9,667
Two	548	349	217	639	722	335	661	678	353	N/A	1,472	477	6,451
Three	270	177	116	283	323	123	242	263	122	N/A	567	198	2,684
Four	76	46	25	86	83	38	59	54	29	N/A	142	52	690
Five	19	13	10	31	29	11	11	19	3	N/A	39	27	212
Six	6	5	3	6	4	2	2	2	1	N/A	10	8	49
Seven	1	0	0	0	3	0	1	0	0	N/A	2	2	9
Eight	2	0	0	3	1	0	0	1	0	N/A	1	1	9
Nine	0	0	0	1	0	0	0	0	0	N/A	0	0	1
Ten	0	0	0	0	0	0	0	1	0	N/A	0	0	1
Fourteen	0	0	0	0	0	0	0	0	0	N/A	1	0	1
Seventeen	0	0	0	1	0	0	0	0	0	N/A	0	0	1
Don't Know	2	0	1	1	1	0	0	0	1	N/A	1	0	7
Refused	0	3	1	1	2	1	2	1	0	N/A	4	0	15
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Table D-46: Number of Televisions by Area Office

Q124B: How many televisions do you have in your home?

Weighted Data

NUMBER OF TELEVISIONS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	5,835	3,049	6,672	1,962	6,031	9,366	1,023	4,278	5,038	N/A	2,369	3,879	49,502
One	246,789	77,824	272,579	41,565	117,782	362,483	27,111	69,613	134,346	N/A	90,121	153,552	1,593,765
Two	188,095	50,673	206,817	28,498	85,380	313,778	19,311	30,216	98,800	N/A	61,189	108,833	1,191,589
Three	92,675	25,699	110,557	12,621	38,196	115,208	7,070	11,721	34,146	N/A	23,569	45,176	516,638
Four	26,086	6,679	23,827	3,835	9,815	35,593	1,724	2,407	8,117	N/A	5,903	11,864	135,849
Five	6,522	1,888	9,531	1,383	3,429	10,303	321	847	840	N/A	1,621	6,160	42,844
Six	2,059	726	2,859	268	473	1,873	58	89	280	N/A	416	1,825	10,927
Seven	343	0	0	0	355	0	29	0	0	N/A	83	456	1,267
Eight	686	0	0	134	118	0	0	45	0	N/A	42	228	1,253
Nine	0	0	0	45	0	0	0	0	0	N/A	0	0	45
Ten	0	0	0	0	0	0	0	45	0	N/A	0	0	45
Fourteen	0	0	0	0	0	0	0	0	0	N/A	42	0	42
Seventeen	0	0	0	45	0	0	0	0	0	N/A	0	0	45
Don't Know	686	0	953	45	118	0	0	0	280	N/A	42	0	2,124
Refused	0	436	953	45	237	937	58	45	0	N/A	166	0	2,876
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-46: Number of Televisions by Area Office

Q124B: How many televisions do you have in your home?

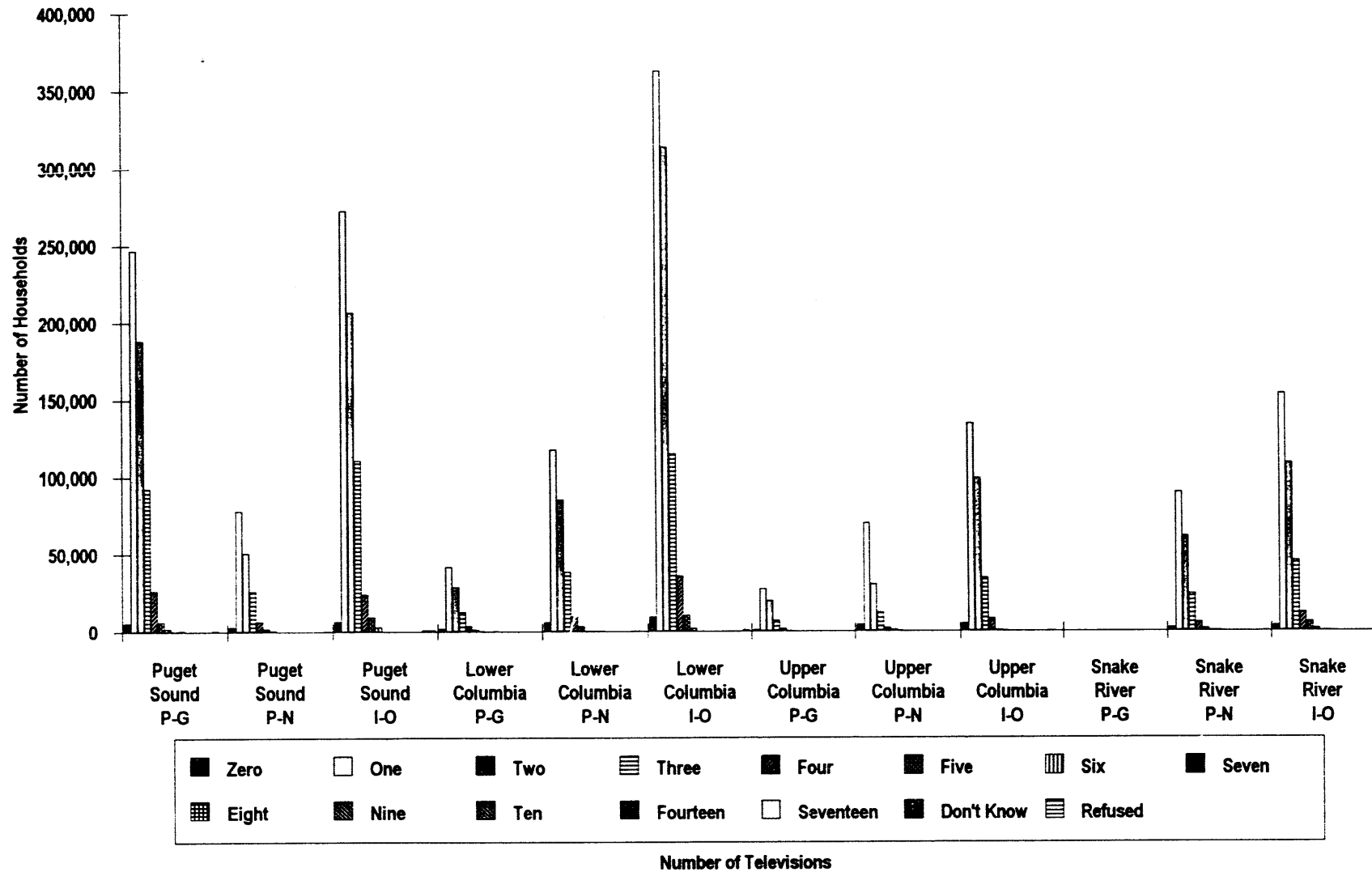


Table D-47: Number of Personal Computers by Area Office

Q124C: How many personal computers do you have in your home?

Raw Data

NUMBER OF PERSONAL COMPUTERS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	1,117	839	439	1,263	1,573	657	1,472	2,087	752	N/A	3,232	1,010	14,441
One	482	279	195	660	574	217	421	536	219	N/A	1,112	404	5,099
Two	40	27	22	83	56	23	30	39	30	N/A	91	37	478
Three	9	1	3	12	6	7	4	4	3	N/A	13	3	65
Four	3	0	1	4	2	0	1	2	0	N/A	2	0	15
Five	0	0	0	2	1	1	0	1	0	N/A	2	0	7
Six	0	0	0	1	0	1	1	0	0	N/A	0	0	3
Seven	0	0	0	0	1	0	0	2	0	N/A	1	1	5
Fifteen	0	0	0	1	0	0	0	0	0	N/A	0	0	1
Don't Know	8	0	5	1	0	0	9	5	3	N/A	5	0	36
Refused	1	4	1	1	2	1	3	1	0	N/A	6	0	20
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF PERSONAL COMPUTERS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	383,399	121,818	418,400	56,327	186,014	615,379	43,003	93,010	210,475	N/A	134,349	230,442	2,492,616
One	165,442	40,509	185,850	29,434	67,878	203,253	12,299	23,888	61,295	N/A	46,224	92,177	928,249
Two	13,730	3,920	20,968	3,702	6,622	21,543	876	1,738	8,397	N/A	3,783	8,442	93,720
Three	3,089	145	2,859	535	710	6,557	117	178	840	N/A	540	684	16,254
Four	1,030	0	953	178	237	0	29	89	0	N/A	83	0	2,599
Five	0	0	0	89	118	937	0	45	0	N/A	83	0	1,272
Six	0	0	0	45	0	937	29	0	0	N/A	0	0	1,010
Seven	0	0	0	0	118	0	0	89	0	N/A	42	228	477
Fifteen	0	0	0	45	0	0	0	0	0	N/A	0	0	45
Don't Know	2,746	0	4,765	45	0	0	263	223	840	N/A	208	0	9,089
Refused	343	581	953	45	237	937	88	45	0	N/A	249	0	3,476
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,552	311,974	3,548,809

Weighted Data

Chart D-47: Number of Personal Computers by Area Office

Q124C: How many personal computers do you have in your home?

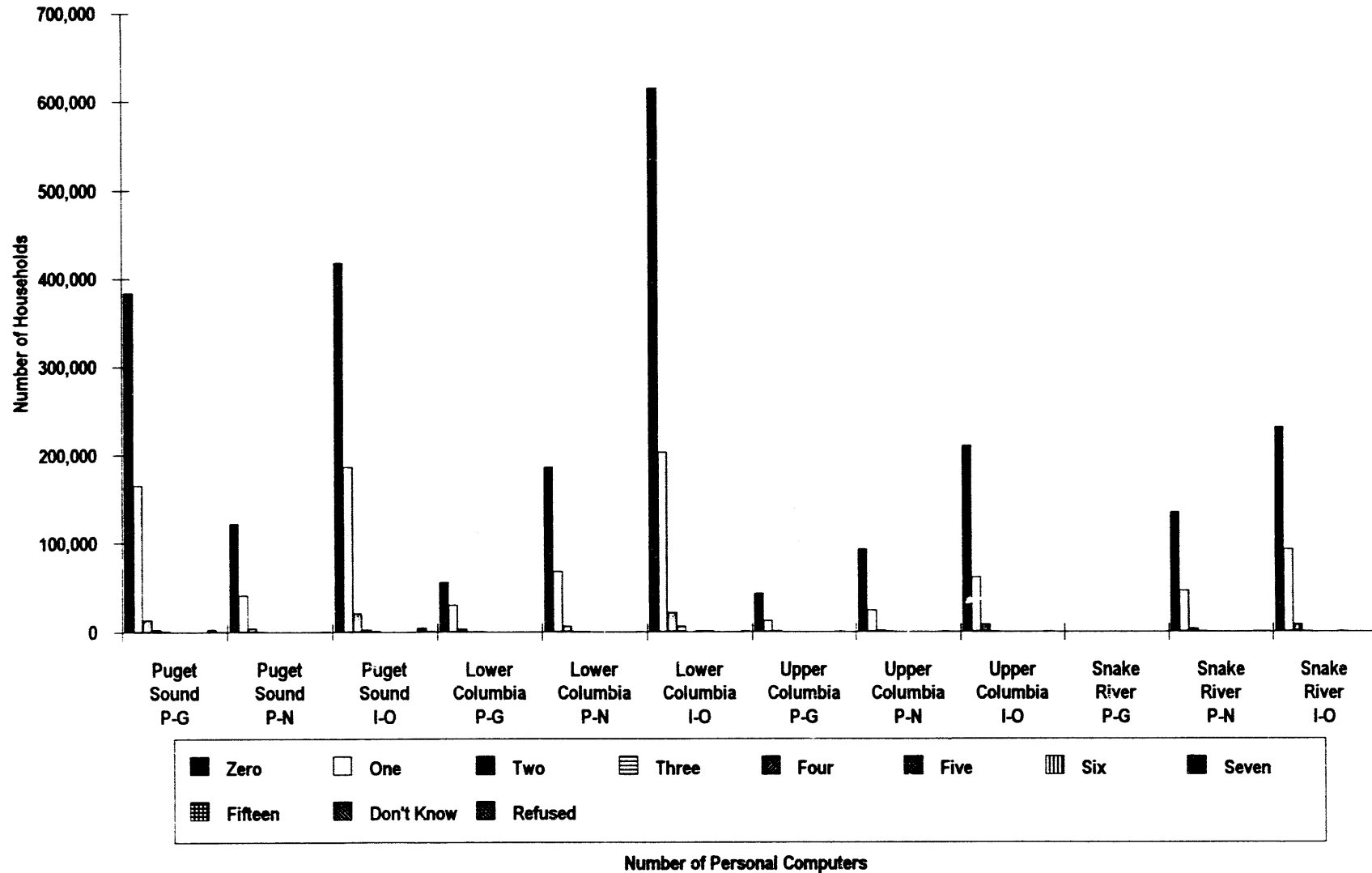


Table D-48: Number of Freezers, Separate from Refrigerators, by Area Office

Q124D: How many freezers, separate from refrigerators, do you have in your home?

Raw Data

NUMBER OF FREEZERS, SEPARATE FROM REFRIGERATORS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	946	368	326	1,041	819	358	682	713	331	N/A	1,437	470	7,491
One	659	660	301	912	1,193	476	1,057	1,537	564	N/A	2,523	828	10,710
Two	47	110	33	61	181	65	175	382	102	N/A	444	143	1,743
Three	4	9	1	10	18	6	19	32	7	N/A	47	13	166
Four	0	1	0	1	2	1	0	6	1	N/A	4	0	16
Five	0	0	0	1	1	0	0	1	0	N/A	1	0	4
Six	0	0	0	0	0	0	1	0	0	N/A	0	0	1
Seven	0	0	0	0	0	0	1	0	0	N/A	0	0	1
Twenty	0	0	0	0	0	0	0	0	0	N/A	1	1	2
Don't Know	3	0	3	0	0	0	2	5	2	N/A	3	0	18
Refused	1	2	2	2	1	1	4	1	0	N/A	4	0	18
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF FREEZERS, SEPARATE FROM REFRIGERATORS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	324,705	53,431	310,702	46,426	96,851	335,320	19,924	31,776	92,643	N/A	59,734	107,236	1,478,748
One	226,195	95,828	286,876	40,673	141,078	445,845	30,880	68,498	157,856	N/A	104,877	188,917	1,787,523
Two	16,132	15,971	31,451	2,720	21,404	60,882	5,113	17,024	28,548	N/A	18,456	32,627	250,331
Three	1,373	1,307	953	446	2,129	5,620	555	1,426	1,959	N/A	1,954	2,966	20,687
Four	0	145	0	45	237	937	0	267	280	N/A	166	0	2,077
Five	0	0	0	45	118	0	0	45	0	N/A	42	0	249
Six	0	0	0	0	0	0	29	0	0	N/A	0	0	29
Seven	0	0	0	0	0	0	29	0	0	N/A	0	0	29
Twenty	0	0	0	0	0	0	0	0	0	N/A	42	228	270
Don't Know	1,030	0	2,859	0	0	0	58	223	560	N/A	125	0	4,855
Refused	343	290	1,906	89	118	937	117	45	0	N/A	166	0	4,012
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-48: Number of Freezers, Separate from Refrigerators, by Area Office
 Q124D: How many freezers, separate from refrigerators, do you have in your home?

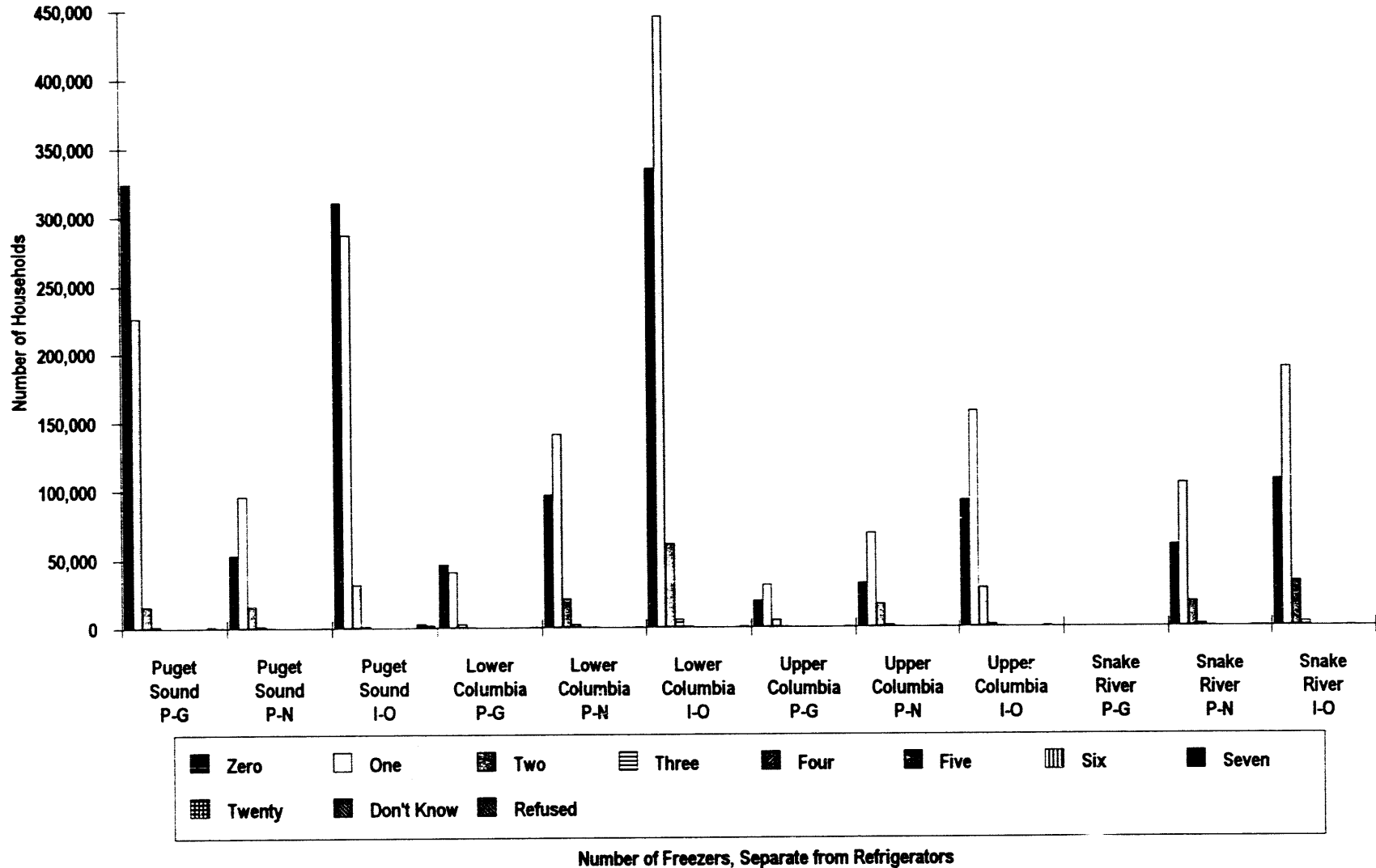


Table D-49: Number of Dishwashers by Area Office

Q124E: How many dishwashers do you have in your home?

Raw Data

NUMBER OF DISHWASHERS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	574	448	162	620	702	302	653	1,285	419	N/A	1,664	568	7,397
One	1,076	698	497	1,401	1,505	599	1,264	1,371	584	N/A	2,781	886	12,662
Two	6	1	3	5	7	5	10	10	2	N/A	11	1	61
Three	0	0	1	0	0	0	3	0	0	N/A	0	0	4
Four	0	0	0	0	0	0	0	1	0	N/A	1	0	2
Don't Know	3	0	1	0	0	0	7	8	2	N/A	3	0	24
Refused	1	3	2	2	1	1	4	2	0	N/A	4	0	20
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF DISHWASHERS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	197,020	65,047	154,398	27,651	83,015	282,868	19,077	57,268	117,273	N/A	69,170	129,595	1,202,381
One	369,326	101,345	473,678	62,481	177,973	561,053	36,927	61,100	163,454	N/A	115,602	202,150	2,325,091
Two	2,059	145	2,859	223	828	4,683	292	446	560	N/A	457	228	12,781
Three	0	0	953	0	0	0	88	0	0	N/A	0	0	1,041
Four	0	0	0	0	0	0	0	45	0	N/A	42	0	86
Don't Know	1,030	0	953	0	0	0	205	357	560	N/A	125	0	3,228
Refused	343	436	1,906	89	118	937	117	89	0	N/A	166	0	4,201
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-49: Number of Dishwashers by Area Office

Q124E: How many dishwashers do you have in your home?

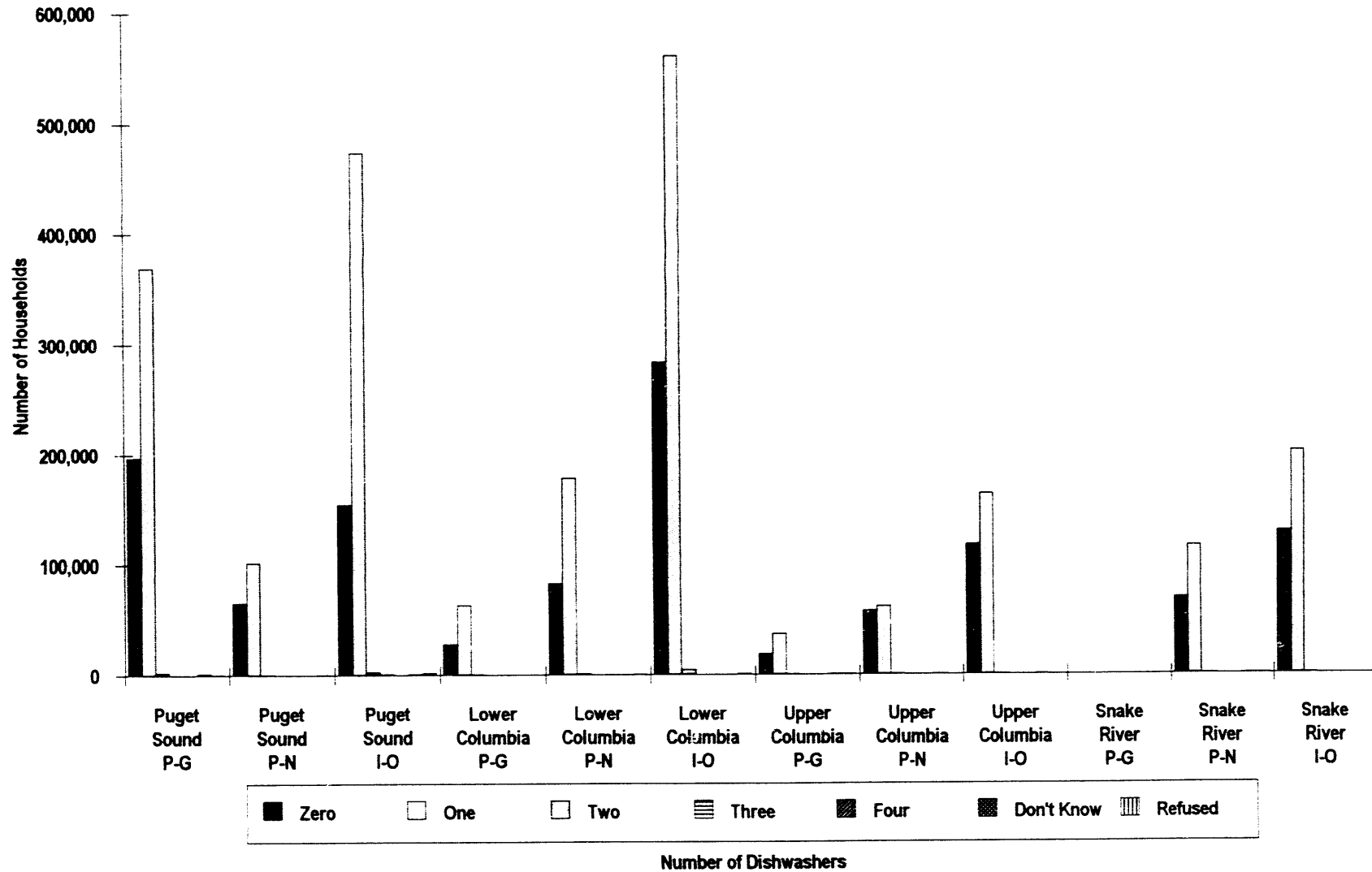


Table D-50: Number of Clothes Washing Machines by Area Office

Q124F: How many clothes washing machines do you have in your home?

Raw Data

NUMBER OF CLOTHES WASHING MACHINES	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	268	84	62	339	199	111	149	251	109	N/A	364	88	2,024
One	1,381	1,059	601	1,677	2,009	788	1,779	2,415	895	N/A	4,073	1,361	18,038
Two	7	4	0	10	6	6	9	5	2	N/A	20	6	75
Three	1	0	1	0	0	1	1	0	0	N/A	0	0	4
Five	0	0	0	0	0	0	0	1	0	N/A	0	0	1
Twenty	0	0	0	0	0	0	0	1	0	N/A	0	0	1
Don't Know	2	0	1	0	0	0	0	3	1	N/A	3	0	10
Refused	1	3	1	2	1	1	3	1	0	N/A	4	0	17
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF CLOTHES WASHING MACHINES	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	91,988	12,196	59,091	15,119	23,533	103,968	4,353	11,186	30,508	N/A	15,131	20,078	387,150
One	474,014	153,760	572,798	74,790	237,573	738,080	51,972	107,628	250,499	N/A	169,309	310,527	3,140,950
Two	2,403	581	0	446	710	5,620	263	223	560	N/A	831	1,369	13,005
Three	343	0	953	0	0	937	29	0	0	N/A	0	0	2,262
Five	0	0	0	0	0	0	0	45	0	N/A	0	0	45
Twenty	0	0	0	0	0	0	0	45	0	N/A	0	0	45
Don't Know	686	0	953	0	0	0	0	134	280	N/A	125	0	2,178
Refused	343	436	953	89	118	937	88	45	0	N/A	166	0	3,174
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-50: Number of Clothes Washing Machines by Area Office

Q124F: How many clothes washing machines do you have in your home?

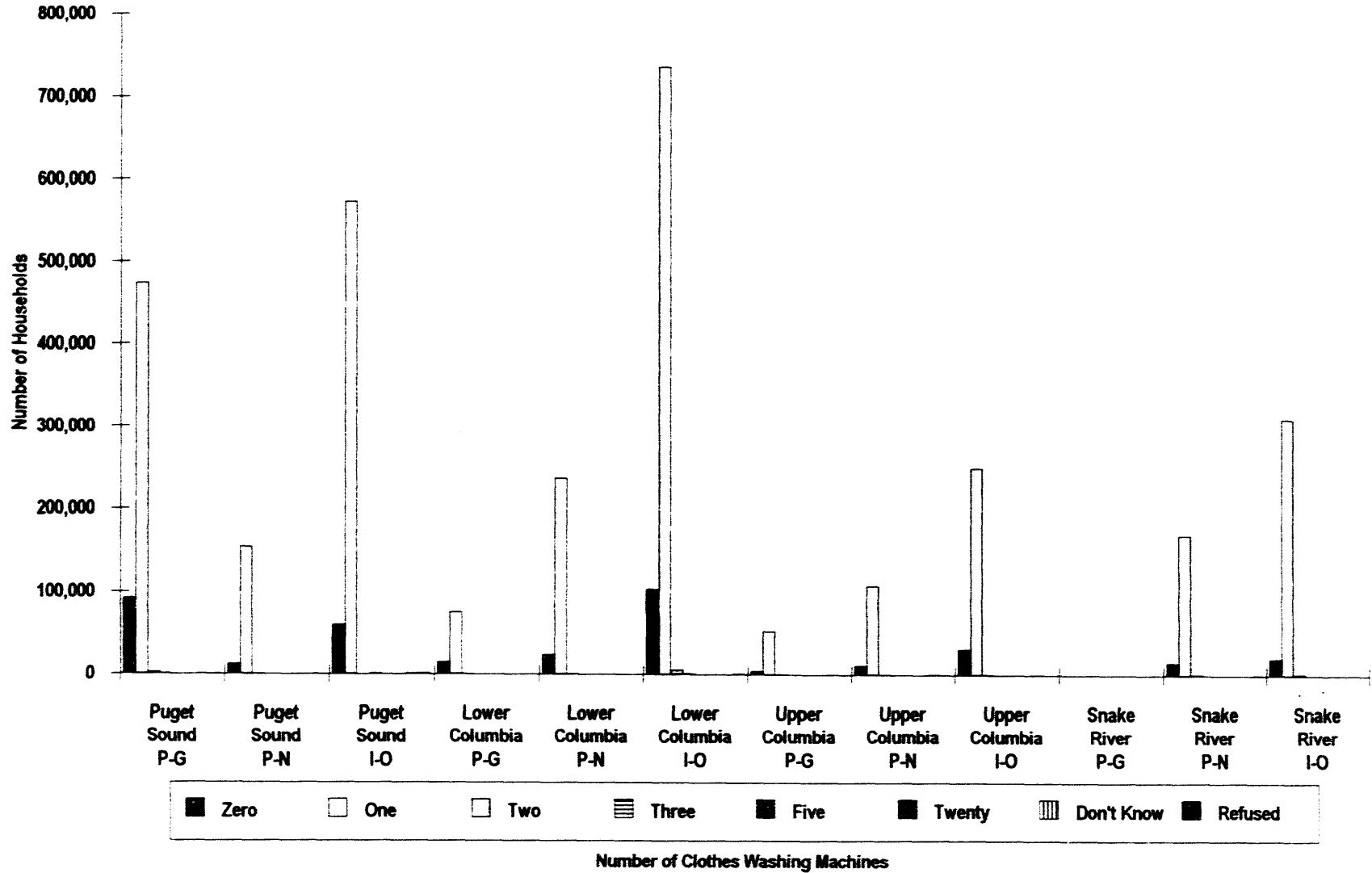


Table D-51: Number of Clothes Dryers by Area Office
 Q124G: How many clothes dryers do you have in your home?

Raw Data

NUMBER OF CLOTHES DRYERS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	281	98	64	357	220	120	178	349	136	N/A	461	115	2,379
One	1,369	1,047	599	1,660	1,989	781	1,751	2,322	868	N/A	3,978	1,333	17,637
Two	6	2	0	9	5	4	8	1	2	N/A	18	7	62
Three	1	0	1	0	0	1	0	0	0	N/A	0	0	3
Four	0	0	0	0	0	0	1	1	0	N/A	0	0	2
Twelve	0	0	0	0	0	0	0	1	0	N/A	0	0	1
Don't Know	2	0	1	0	0	0	0	2	1	N/A	3	0	9
Refused	1	3	1	2	1	1	3	1	0	N/A	4	0	17
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF CLOTHES DRYERS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	96,450	14,229	60,997	15,921	26,016	112,398	5,200	15,554	38,065	N/A	19,163	26,238	430,231
One	469,895	152,018	570,892	74,032	235,208	731,523	51,154	103,483	242,942	N/A	165,359	304,138	3,100,646
Two	2,059	290	0	401	591	3,747	234	45	560	N/A	748	1,597	10,272
Three	343	0	953	0	0	937	0	0	0	N/A	0	0	2,233
Four	0	0	0	0	0	0	29	45	0	N/A	0	0	74
Twelve	0	0	0	0	0	0	0	45	0	N/A	0	0	45
Don't Know	686	0	953	0	0	0	0	89	280	N/A	125	0	2,133
Refused	343	436	953	89	118	937	88	45	0	N/A	166	0	3,174
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-51: Number of Clothes Dryers by Area Office

Q124G: How many clothes dryers do you have in your home?

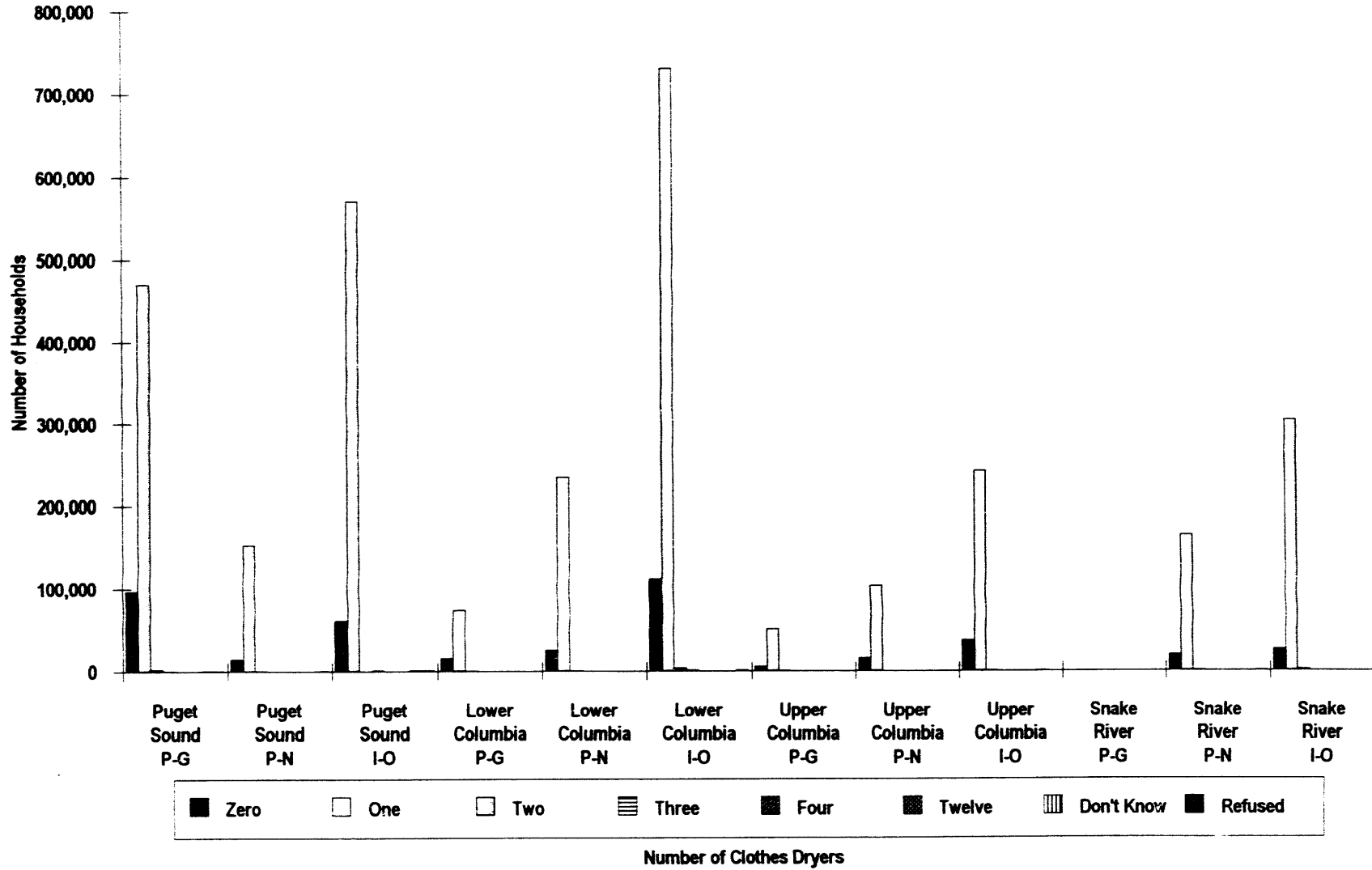


Table D-52: Clothes Dryer Fuel Type by Area Office

Q125: What type of fuel does your clothes dryer use?

Raw Data

CLOTHES DRYER FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	1,331	1,031	573	1,633	1,961	763	1,750	2,281	856	N/A	3,936	1,304	17,419
Natural Gas	40	15	25	34	32	20	9	22	12	N/A	54	32	295
Other	2	3	1	0	1	1	1	21	2	N/A	8	2	42
Not Asked	281	98	64	357	220	120	178	349	136	N/A	461	115	2,379
Don't Know	5	0	2	2	0	2	0	3	1	N/A	1	2	18
Refused	1	3	1	2	1	1	3	1	0	N/A	4	0	17
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

CLOTHES DRYER FUEL TYPE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	456,852	149,695	546,112	72,828	231,897	714,663	51,125	101,656	239,583	N/A	163,614	297,522	3,025,547
Natural Gas	13,730	2,178	23,827	1,516	3,784	18,733	263	980	3,359	N/A	2,245	7,301	77,916
Other	686	436	953	0	118	937	29	936	560	N/A	333	456	5,444
Not Asked	96,450	14,229	60,997	15,921	26,016	112,398	5,200	15,554	38,065	N/A	19,163	26,238	430,231
Don't Know	1,716	0	1,906	89	0	1,873	0	134	280	N/A	42	456	6,496
Refused	343	436	953	89	118	937	88	45	0	N/A	166	0	3,174
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-52: Clothes Dryer Fuel Type by Area Office

Q125: What type of fuel does your clothes dryer use?

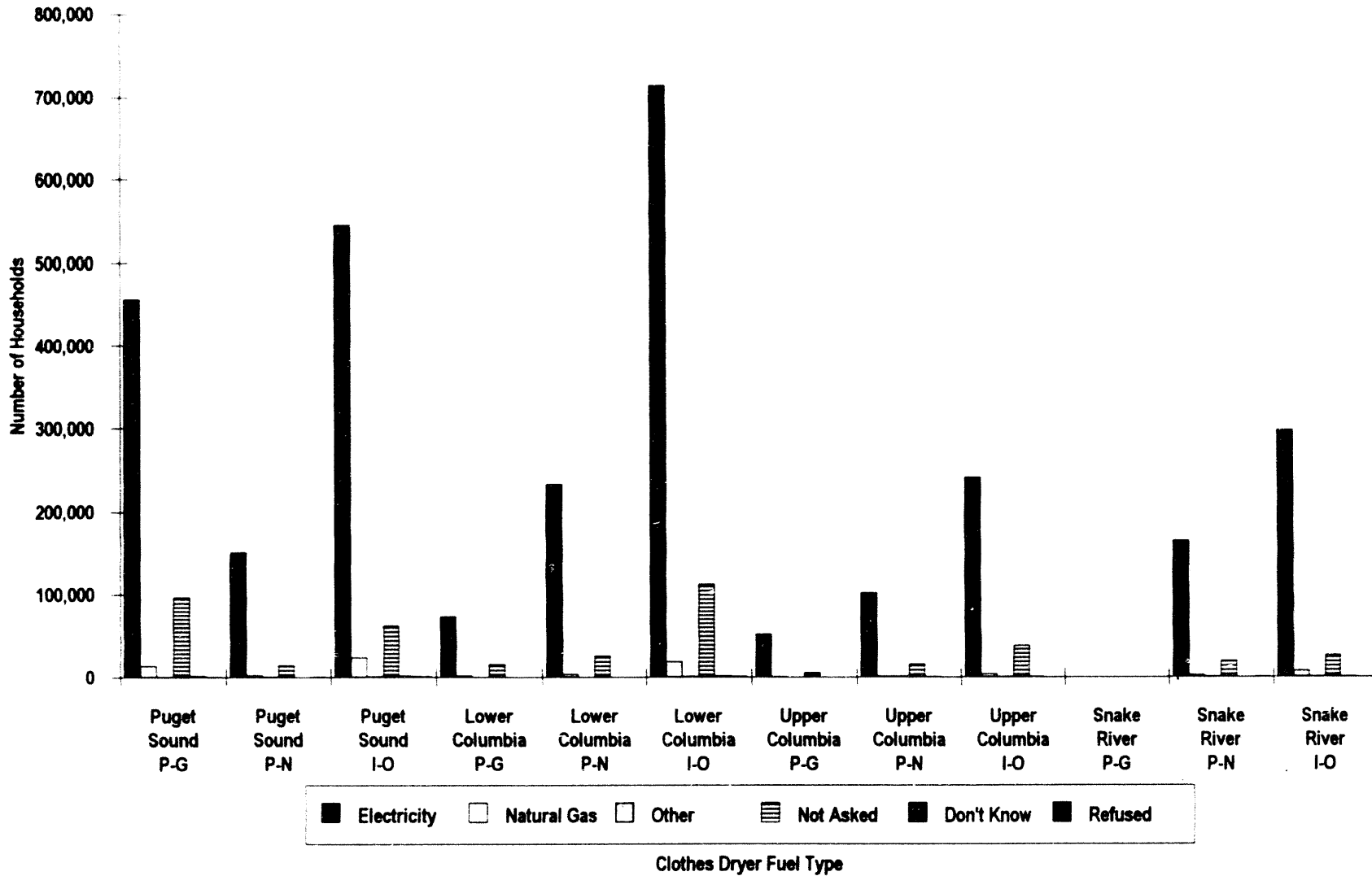


Table D-53: Presence of Swimming Pool by Area Office

Q132A: Do you have your own swimming pool?

Raw Data

PRESENCE OF SWIMMING POOL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	18	24	15	48	61	31	99	38	24	N/A	142	32	532
No	1,641	1,126	650	1,978	2,152	874	1,841	2,637	983	N/A	4,321	1,422	19,625
Don't Know	0	0	1	2	2	1	1	1	0	N/A	1	1	10
Refused	1	0	0	0	0	1	0	1	0	N/A	0	0	3
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PRESENCE OF SWIMMING POOL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	6,178	3,485	14,296	2,141	7,214	29,036	2,892	1,694	6,717	N/A	5,903	7,301	86,856
No	563,257	163,488	619,499	88,214	254,484	818,632	53,784	117,521	275,129	N/A	179,617	324,445	3,458,069
Don't Know	0	0	953	89	237	937	29	45	0	N/A	42	228	2,559
Refused	343	0	0	0	0	937	0	45	0	N/A	0	0	1,324
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-53: Presence of Swimming Pool by Area Office

Q132A: Do you have your own swimming pool?

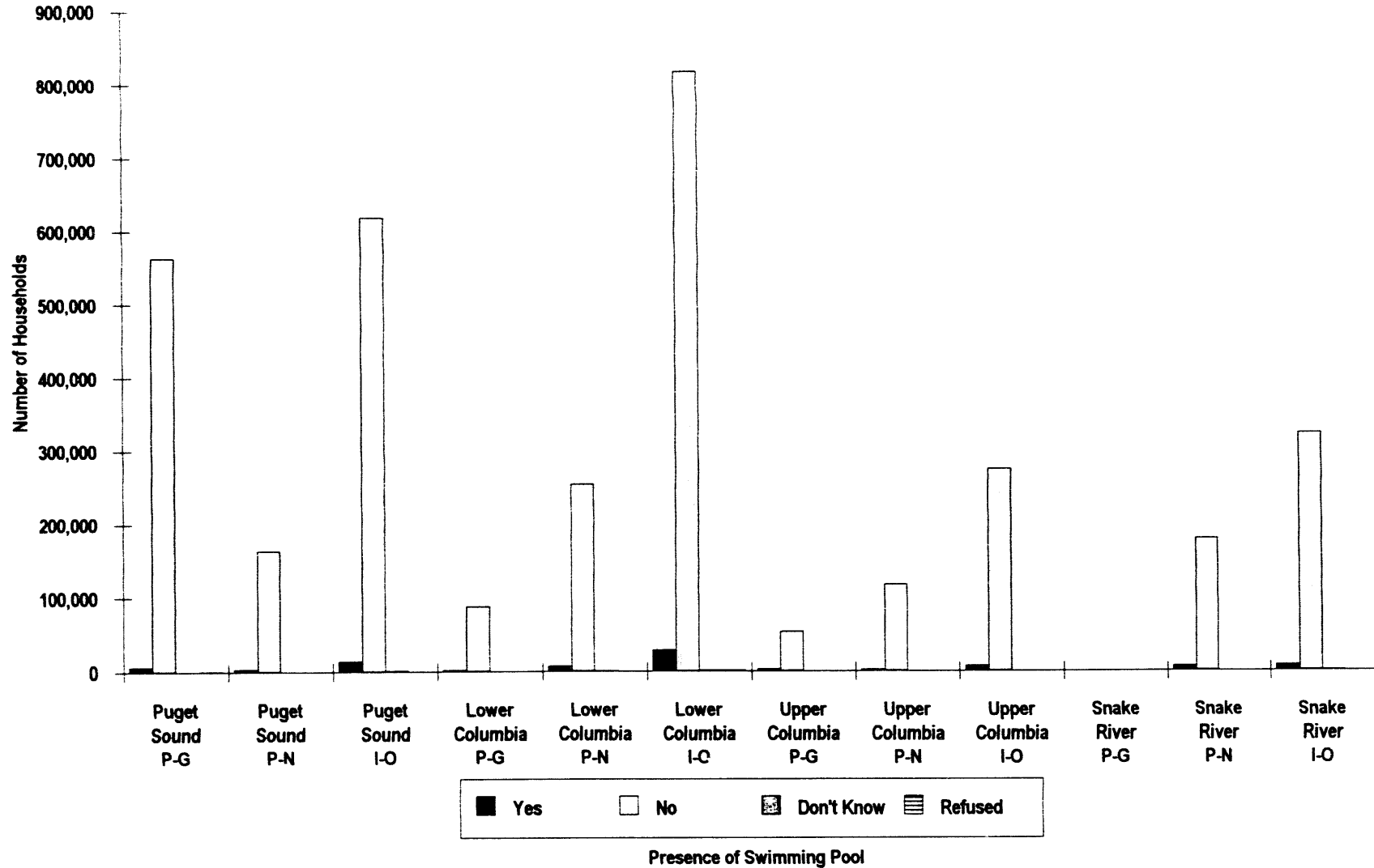


Table D-54: Presence of Hot Tub by Area Office

Q132B: Do you have your own hot tub?

Raw Data

PRESENCE OF HOT TUB	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	72	81	44	139	126	59	128	150	41	N/A	207	81	1,128
No	1,587	1,069	621	1,887	2,087	846	1,812	2,525	966	N/A	4,256	1,373	19,029
Don't Know	0	0	1	2	2	1	1	1	0	N/A	1	1	10
Refused	1	0	0	0	0	1	0	1	0	N/A	0	0	3
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PRESENCE OF HOT TUB	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	24,713	11,761	41,935	6,199	14,900	55,262	3,739	6,685	11,475	N/A	8,605	18,481	203,756
No	544,722	155,212	591,860	84,156	246,797	792,405	52,936	112,530	270,371	N/A	176,916	313,265	3,341,169
Don't Know	0	0	953	89	237	937	29	45	0	N/A	42	228	2,559
Refused	343	0	0	0	0	937	0	45	0	N/A	0	0	1,324
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-54: Presence of Hot Tub by Area Office

Q132B: Do you have your own hot tub?

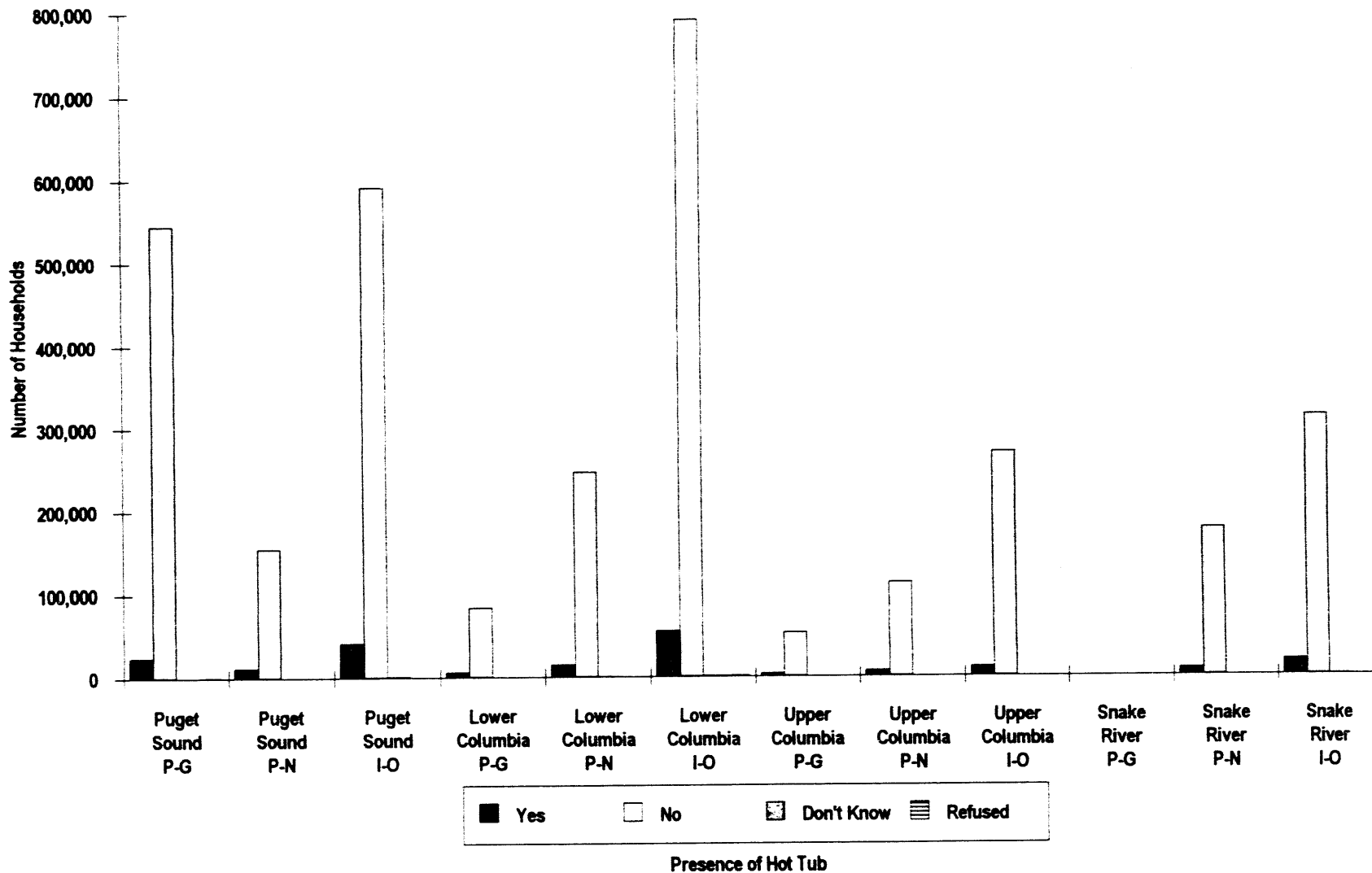


Table D-55: Presence of Whirlpool Bath by Area Office

Q132C: Do you have your own whirlpool bath?

Raw Data

PRESENCE OF WHIRLPOOL BATH	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	42	27	23	35	85	25	50	63	21	N/A	87	42	500
No	1,617	1,123	642	1,991	2,128	880	1,890	2,612	986	N/A	4,376	1,412	19,657
Don't Know	0	0	1	2	2	1	1	1	0	N/A	1	1	10
Refused	1	0	0	0	0	1	0	1	0	N/A	0	0	3
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PRESENCE OF WHIRLPOOL BATH	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	14,416	3,920	21,921	1,561	10,052	23,416	1,461	2,808	5,878	N/A	3,616	9,583	98,631
No	555,019	163,053	611,874	88,794	251,646	824,251	55,215	116,407	275,968	N/A	181,904	322,163	3,446,294
Don't Know	0	0	953	89	237	937	29	45	0	N/A	42	228	2,559
Refused	343	0	0	0	0	937	0	45	0	N/A	0	0	1,324
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-55: Presence of Whirlpool Bath by Area Office

Q132C: Do you have your own whirlpool bath?

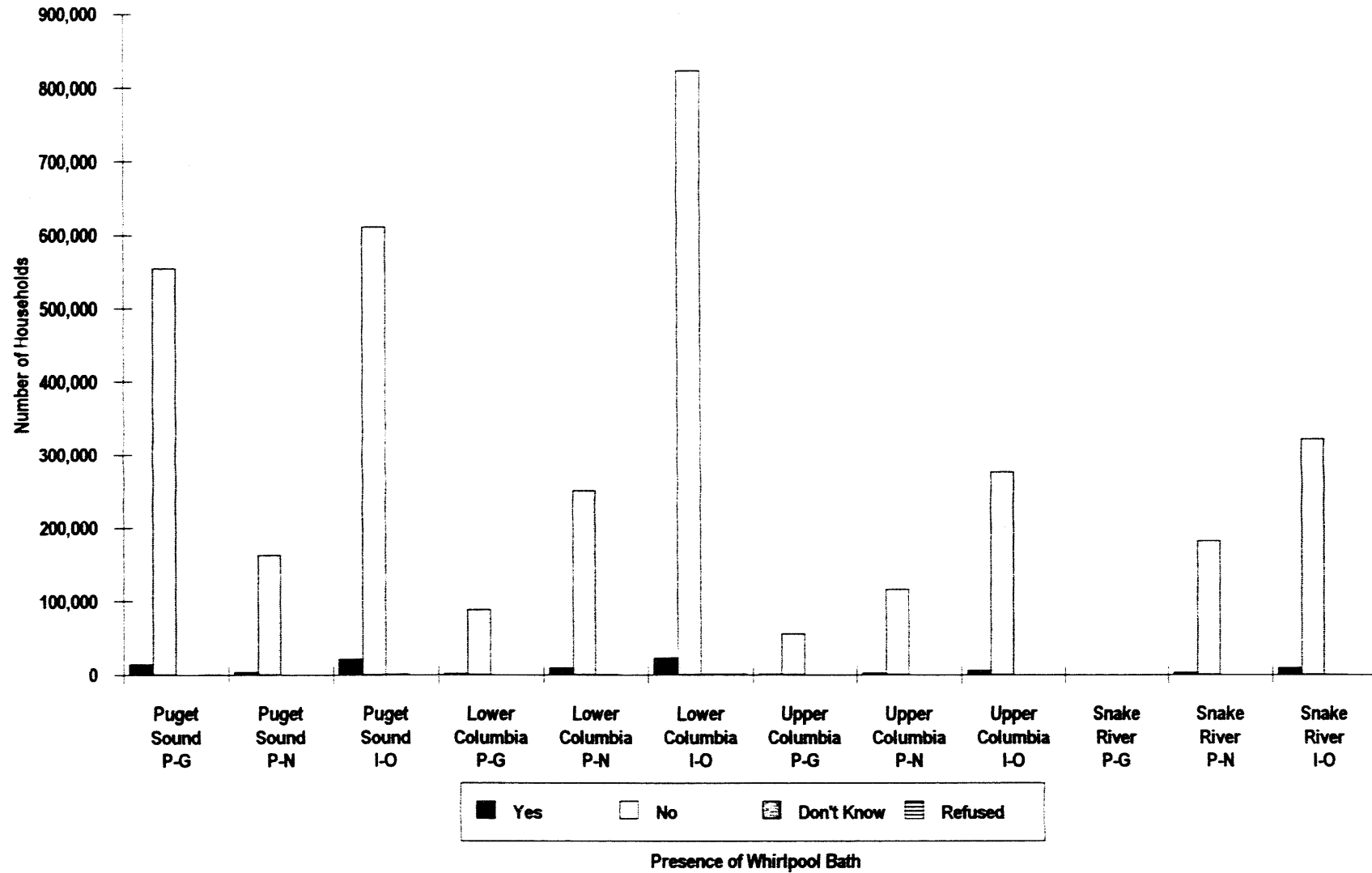


Table D-56: Primary Fuel Used to Heat Swimming Pool by Area Office

Q140: What fuel do you use most to heat your swimming pool?

Raw Data

PRIMARY FUEL USED TO HEAT SWIMMING POOL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	2	5	2	9	10	3	27	4	3	N/A	10	3	78
Natural Gas	7	0	4	10	6	6	2	4	5	N/A	4	3	51
Fuel Oil	2	0	0	0	0	0	0	0	1	N/A	1	0	4
Propane or Bottled Gas	2	3	0	1	1	1	1	4	1	N/A	9	0	23
Solar	1	6	6	14	20	8	42	13	9	N/A	80	14	213
Other	0	0	0	0	0	0	1	1	0	N/A	1	0	3
Not Heated	4	9	3	14	24	13	26	11	5	N/A	36	12	157
Not Asked	1,642	1,126	651	1,980	2,154	876	1,842	2,639	983	N/A	4,322	1,423	19,638
Don't Know	0	1	0	0	0	0	0	1	0	N/A	1	0	3
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PRIMARY FUEL USED TO HEAT SWIMMING POOL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	686	726	1,906	401	1,183	2,810	789	178	840	N/A	416	684	10,619
Natural Gas	2,403	0	3,812	446	710	5,620	58	178	1,399	N/A	166	684	15,477
Fuel Oil	686	0	0	0	0	0	0	0	280	N/A	42	0	1,008
Propane or Bottled Gas	686	436	0	45	118	937	29	178	280	N/A	374	0	3,083
Solar	343	871	5,718	624	2,365	7,493	1,227	579	2,519	N/A	3,325	3,194	28,261
Other	0	0	0	0	0	0	29	45	0	N/A	42	0	115
Not Heated	1,373	1,307	2,859	624	2,838	12,176	760	490	1,399	N/A	1,496	2,738	28,061
Not Asked	563,600	163,488	620,452	88,303	254,720	820,505	53,813	117,610	275,129	N/A	179,659	324,673	3,461,952
Don't Know	0	145	0	0	0	0	0	45	0	N/A	42	0	231
Refused	0	0	0	0	0	0	0	0	0	N/A	0	0	0
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-56: Primary Fuel Used to Heat Swimming Pool by Area Office

Q140: What fuel do you use most to heat your swimming pool?

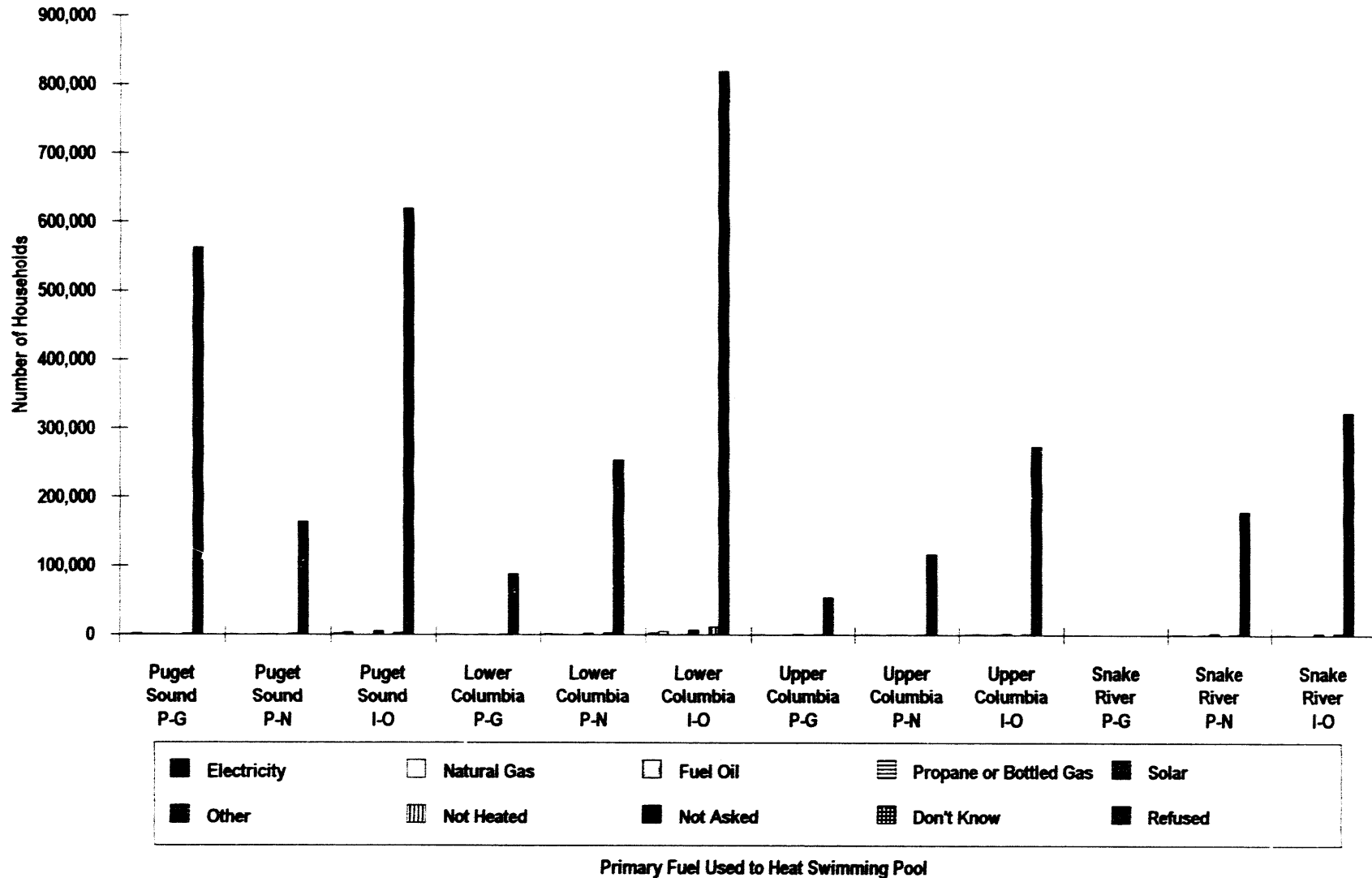


Table D-57: Primary Fuel Used to Heat Hot Tub by Area Office

Q142: What fuel do you use most to heat your hot tub?

Raw Data

PRIMARY FUEL USED TO HEAT HOT TUB	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	64	77	38	129	118	49	123	139	35	N/A	194	76	1,042
Natural Gas	7	1	5	8	2	8	0	2	4	N/A	5	2	44
Fuel Oil	0	0	1	0	1	0	0	0	1	N/A	1	0	4
Propane or Bottled Gas	0	2	0	2	2	1	2	1	0	N/A	3	2	15
Solar	0	0	0	0	0	0	1	0	0	N/A	1	0	2
Other	1	1	0	0	3	0	1	6	0	N/A	0	1	13
Not Heated	0	0	0	0	0	0	1	2	0	N/A	1	0	4
Not Asked	1,588	1,069	622	1,889	2,089	848	1,813	2,527	966	N/A	4,257	1,374	19,042
Don't Know	0	0	0	0	0	1	0	0	0	N/A	1	0	2
Refused	0	0	0	0	0	0	0	0	1	N/A	1	0	2
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PRIMARY FUEL USED TO HEAT HOT TUB	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Electricity	21,967	11,180	36,217	5,753	13,954	45,896	3,593	6,195	9,796	N/A	8,064	17,340	179,956
Natural Gas	2,403	145	4,765	357	237	7,493	0	89	1,120	N/A	208	456	17,273
Fuel Oil	0	0	953	0	118	0	0	0	280	N/A	42	0	1,393
Propane or Bottled Gas	0	290	0	89	237	937	58	45	0	N/A	125	456	2,237
Solar	0	0	0	0	0	0	29	0	0	N/A	42	0	71
Other	343	145	0	0	355	0	29	267	0	N/A	0	228	1,368
Not Heated	0	0	0	0	0	0	29	89	0	N/A	42	0	160
Not Asked	545,065	155,212	592,813	84,245	247,034	794,279	52,966	112,619	270,371	N/A	176,957	313,493	3,345,052
Don't Know	0	0	0	0	0	937	0	0	0	N/A	42	0	978
Refused	0	0	0	0	0	0	0	0	280	N/A	42	0	321
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-57: Primary Fuel Used to Heat Hot Tub by Area Office

Q142: What fuel do you use most to heat your hot tub?

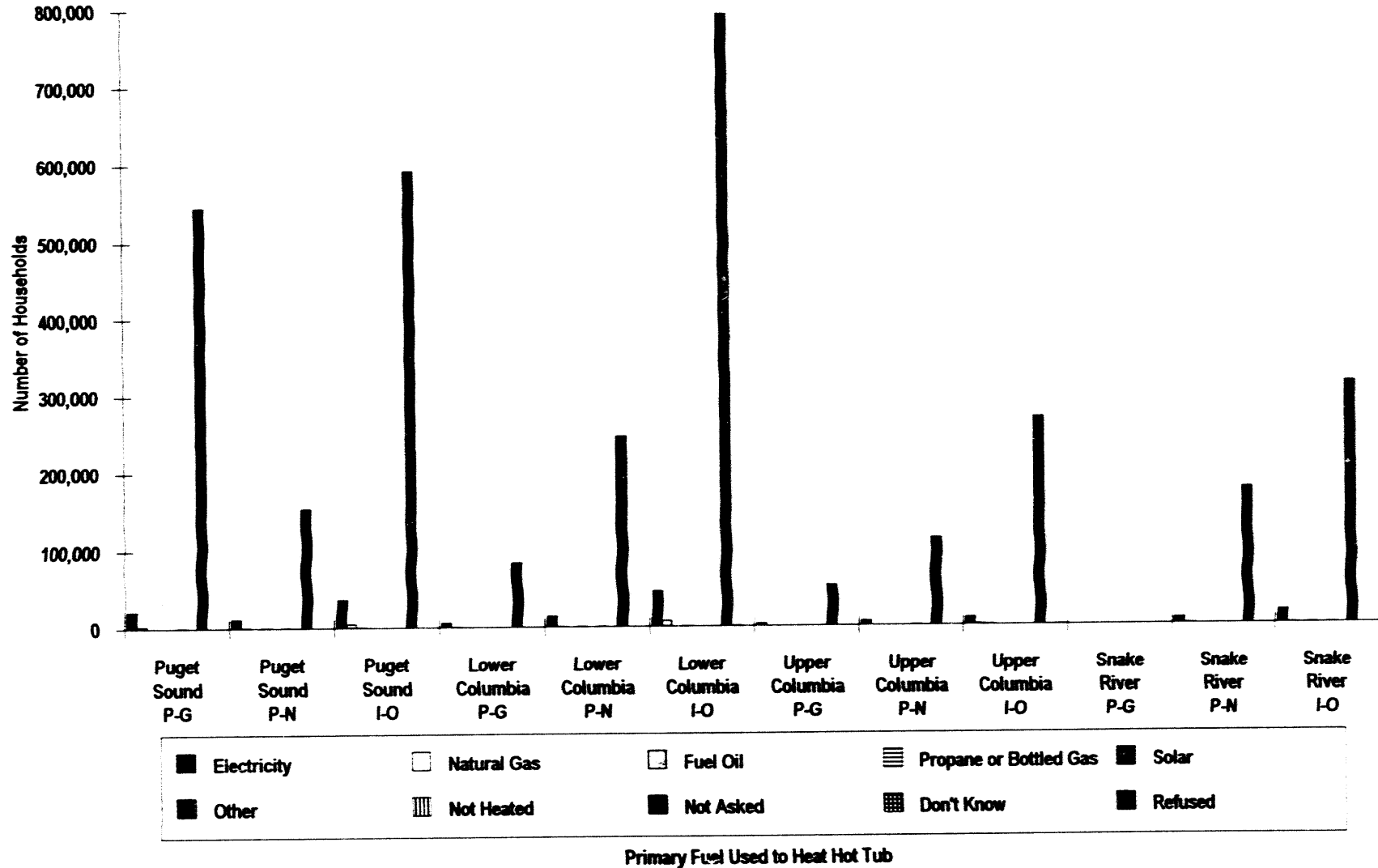


Table D-58: Number of Shower Heads by Area Office

Q144: How many shower heads do you have in your home?

Raw Data

NUMBER OF SHOWER HEADS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	37	45	12	34	45	26	56	131	38	N/A	172	58	654
One	906	657	319	1,183	1,187	528	1,021	1,565	610	N/A	2,421	778	11,175
Two	608	395	278	704	855	313	730	844	296	N/A	1,580	518	7,121
Three	99	43	50	99	110	37	120	125	59	N/A	265	92	1,099
Four	5	8	6	5	16	2	9	10	2	N/A	21	6	90
Five	2	1	1	2	2	1	1	0	2	N/A	2	2	16
Six	2	0	0	0	0	0	0	0	0	N/A	1	0	3
Seven	0	0	0	1	0	0	2	0	0	N/A	0	0	3
Eight	1	0	0	0	0	0	0	0	0	N/A	0	0	1
Nine	0	0	0	0	0	0	1	0	0	N/A	0	0	1
Ten	0	0	0	0	0	0	1	0	0	N/A	0	0	1
Don't Know	0	0	0	0	0	0	0	1	0	N/A	0	1	2
Refused	0	1	0	0	0	0	0	1	0	N/A	2	0	4
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER OF SHOWER HEADS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	12,700	6,534	11,437	1,516	5,321	24,353	1,636	5,638	10,636	N/A	7,150	13,233	100,354
One	310,975	95,392	304,031	52,759	140,368	494,551	29,828	69,746	170,731	N/A	100,637	177,509	1,946,528
Two	208,690	57,352	264,955	31,397	101,108	293,171	21,326	37,614	82,846	N/A	65,678	118,187	1,282,324
Three	33,981	6,243	47,654	4,415	13,008	34,656	3,506	5,571	16,513	N/A	11,016	20,991	197,553
Four	1,716	1,162	5,718	223	1,892	1,873	263	446	560	N/A	873	1,369	16,095
Five	686	145	953	89	237	937	29	0	560	N/A	83	456	4,176
Six	686	0	0	0	0	0	0	0	0	N/A	42	0	728
Seven	0	0	0	45	0	0	58	0	0	N/A	0	0	103
Eight	343	0	0	0	0	0	0	0	0	N/A	0	0	343
Nine	0	0	0	0	0	0	29	0	0	N/A	0	0	29
Ten	0	0	0	0	0	0	29	0	0	N/A	0	0	29
Don't Know	0	0	0	0	0	0	0	45	0	N/A	0	228	273
Refused	0	145	0	0	0	0	0	45	0	N/A	83	0	273
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	261,846	N/A	165,562	331,974	3,548,809

Weighted Data

Chart D-58: Number of Shower Heads by Area Office

Q144: How many shower heads do you have in your home?

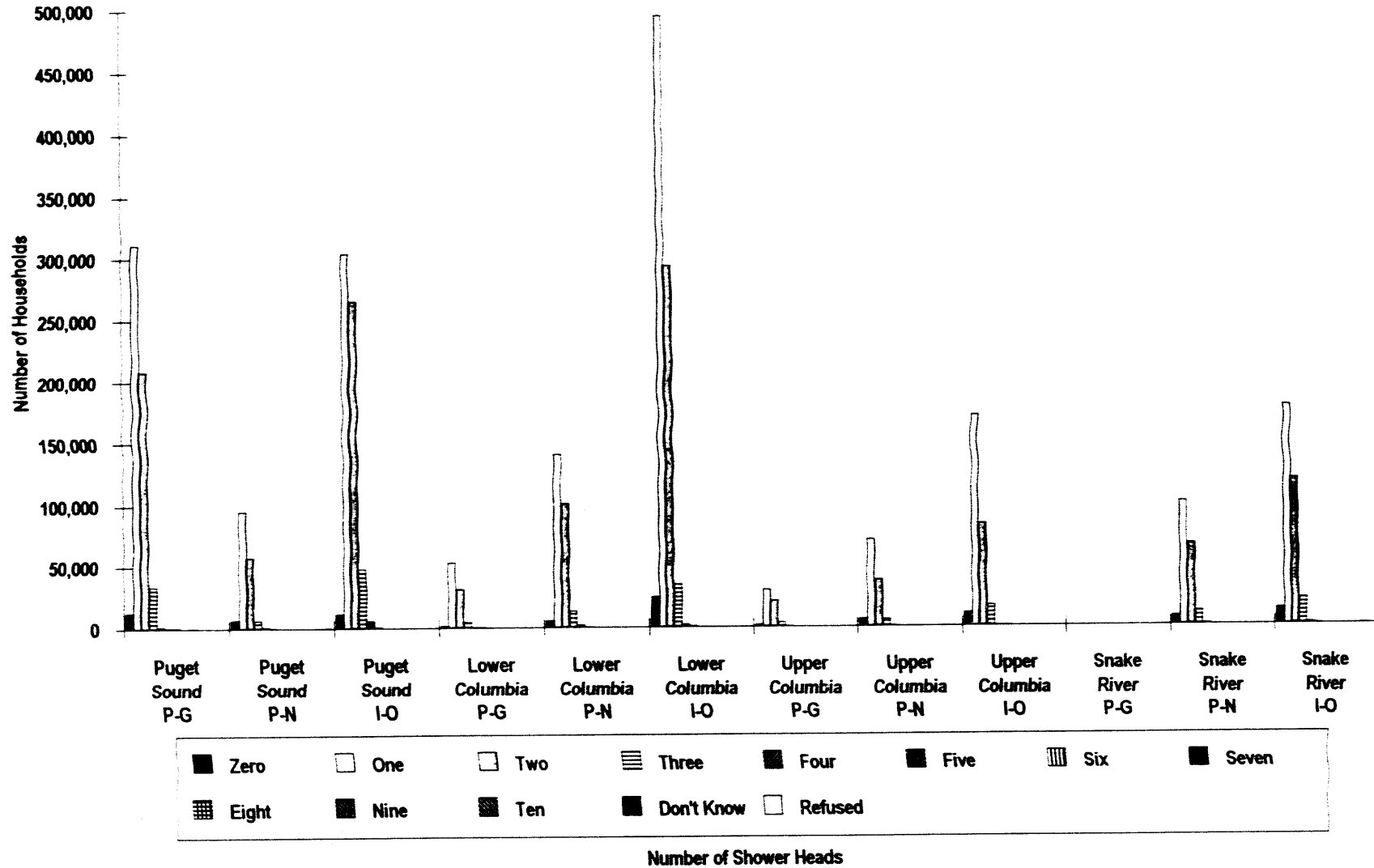


Table D-59: Energy Inspection by Area Office

Q146: Has any energy professional inspected your home and advised you on ways to make your home more energy efficient?

Raw Data

ENERGY INSPECTION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	487	330	194	825	665	241	500	528	238	N/A	1,224	439	5,671
No	1,139	802	463	1,175	1,519	650	1,402	2,115	751	N/A	3,184	999	14,199
Don't Know	34	18	9	27	30	16	39	33	18	N/A	56	17	297
Refused	0	0	0	1	1	0	0	1	0	N/A	0	0	3
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

ENERGY INSPECTION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	167,158	47,914	184,897	36,793	78,639	225,733	14,607	23,531	66,613	N/A	50,880	100,163	996,927
No	390,950	116,446	441,274	52,402	179,629	608,822	40,958	94,258	210,195	N/A	132,354	227,933	2,495,220
Don't Know	11,670	2,613	8,578	1,204	3,548	14,986	1,139	1,471	5,038	N/A	2,328	3,879	56,454
Refused	0	0	0	45	118	0	0	45	0	N/A	0	0	207
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-59: Energy Inspection by Area Office

Q146: Has any energy professional inspected your home and advised you on ways to make your home more energy efficient?

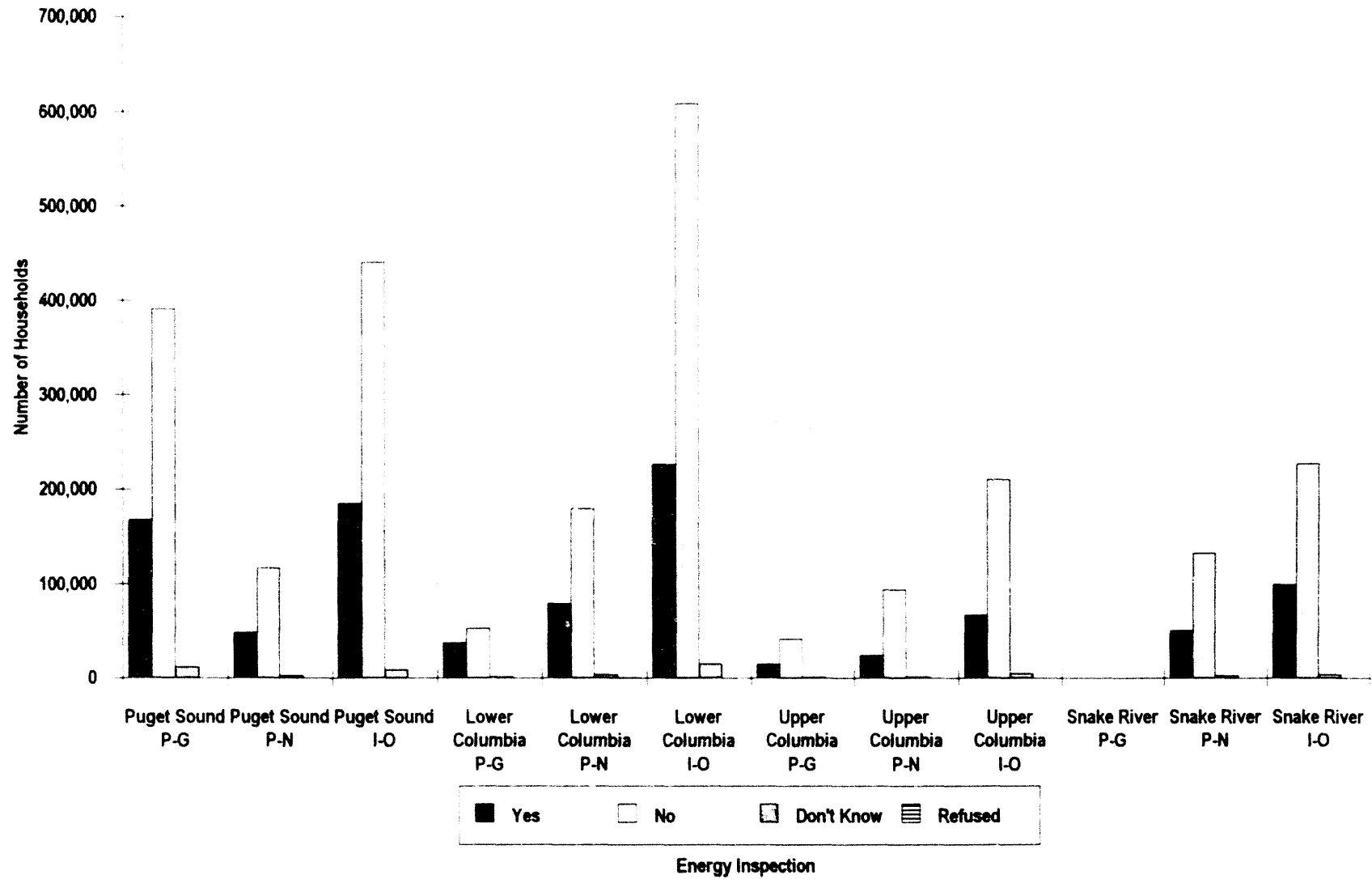


Table D-60: Permit Visit by Energy Professional by Area Office

Q148: Are you willing to have an energy professional visit your home and advise you on home energy efficiency?

Raw Data

PERMIT VISIT BY ENERGY PROFESSIONAL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	488	377	196	583	677	267	719	1,131	380	N/A	1,701	522	7,041
No	576	371	233	504	725	353	597	846	327	N/A	1,276	418	6,226
Not Asked	487	330	194	825	665	241	500	528	238	N/A	1,224	439	5,671
Don't Know	108	71	43	114	147	46	125	168	62	N/A	256	75	1,215
Refused	1	1	0	2	1	0	0	4	0	N/A	7	1	17
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

PERMIT VISIT BY ENERGY PROFESSIONAL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	167,501	54,738	186,803	26,000	80,058	250,085	21,005	50,404	106,357	N/A	70,708	119,100	1,132,761
No	197,706	53,867	222,066	22,477	85,735	330,637	17,441	37,703	91,523	N/A	53,041	95,371	1,207,568
Not Asked	167,158	47,914	184,897	36,793	78,639	225,733	14,607	23,531	66,613	N/A	50,880	100,163	996,927
Don't Know	37,070	10,309	40,982	5,084	17,383	43,086	3,652	7,487	17,353	N/A	10,642	17,112	210,160
Refused	343	145	0	89	118	0	0	178	0	N/A	291	228	1,393
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-60: Permit Visit by Energy Professional by Area Office

Q148: Are you willing to have an energy professional visit your home and advise you on home energy efficiency?

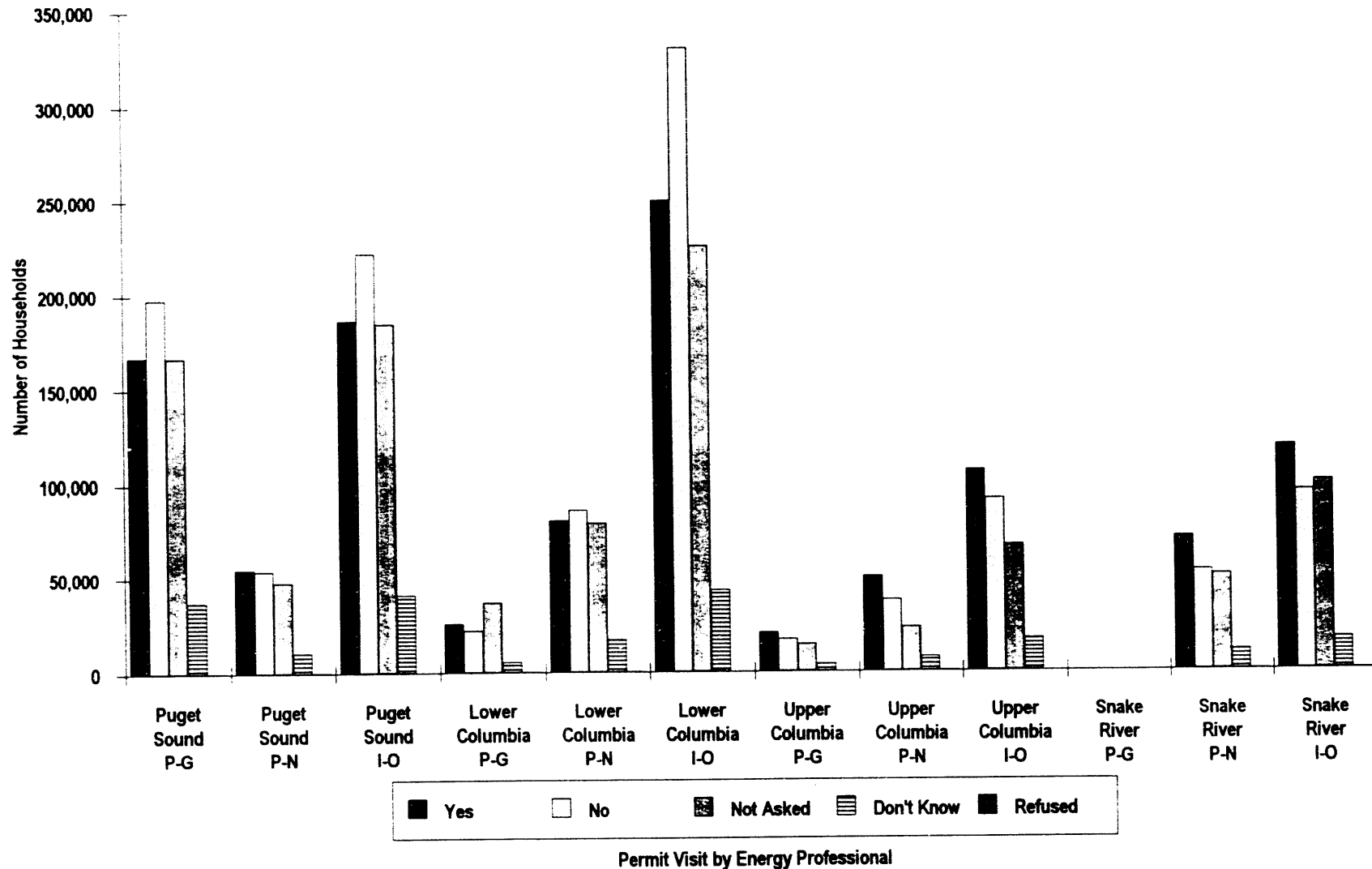


Table D-61: Weatherized Dwelling by Area Office

Q150: Since you moved into your home, has the state or your electric utility weatherized your home?

Raw Data

WEATHERIZED DWELLING	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	275	218	90	633	455	112	243	329	148	N/A	763	239	3,505
No	1,346	912	565	1,339	1,706	780	1,652	2,304	834	N/A	3,622	1,187	16,247
Don't Know	39	20	11	56	53	15	44	43	24	N/A	78	29	412
Refused	0	0	0	0	1	0	2	1	1	N/A	1	0	6
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

WEATHERIZED DWELLING	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	94,391	31,652	85,777	28,230	53,806	104,905	7,099	14,662	41,423	N/A	31,717	54,530	548,193
No	462,001	132,417	538,487	59,716	201,742	730,587	48,262	102,681	233,426	N/A	150,561	270,827	2,930,706
Don't Know	13,386	2,904	10,484	2,497	6,267	14,050	1,285	1,916	6,717	N/A	3,242	6,617	69,367
Refused	0	0	0	0	118	0	58	45	280	N/A	42	0	543
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-61: Weatherized Dwelling by Area Office

Q150: Since you moved into your home, has the state or your electric utility weatherized your home?

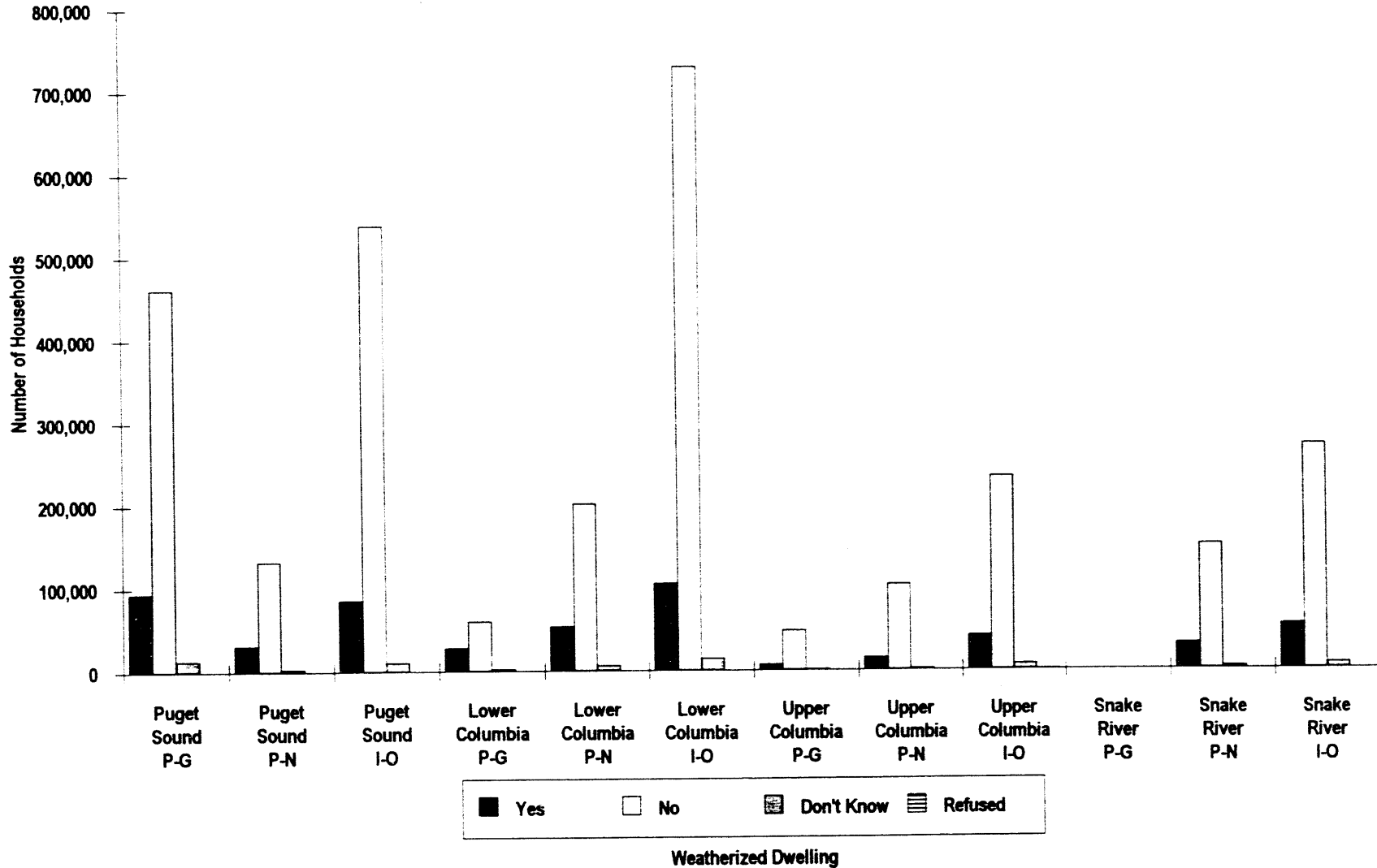


Table D-62: Familiarity with Weatherization Loans by Area Office

Q151: Have you heard or read anything about low interest weatherization loans?

Raw Data

FAMILIARITY WITH WEATHERIZATION LOANS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	967	672	373	1,252	1,230	525	1,066	1,164	514	N/A	2,157	689	10,609
No	682	468	289	763	972	372	861	1,490	487	N/A	2,267	756	9,407
Don't Know	11	10	4	12	11	10	12	22	6	N/A	39	9	146
Refused	0	0	0	1	2	0	2	1	0	N/A	1	1	8
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

FAMILIARITY WITH WEATHERIZATION LOANS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	331,913	97,570	355,497	55,836	145,453	491,741	31,142	51,875	143,862	N/A	89,663	157,203	1,951,756
No	234,090	67,951	275,439	34,028	114,943	348,434	25,154	66,404	136,305	N/A	94,236	172,490	1,569,472
Don't Know	3,776	1,452	3,812	535	1,301	9,366	351	980	1,679	N/A	1,621	2,053	26,927
Refused	0	0	0	45	237	0	58	45	0	N/A	42	228	654
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-62: Familiarity with Weatherization Loans by Area Office

Q151: Have you heard or read anything about low interest weatherization loans?

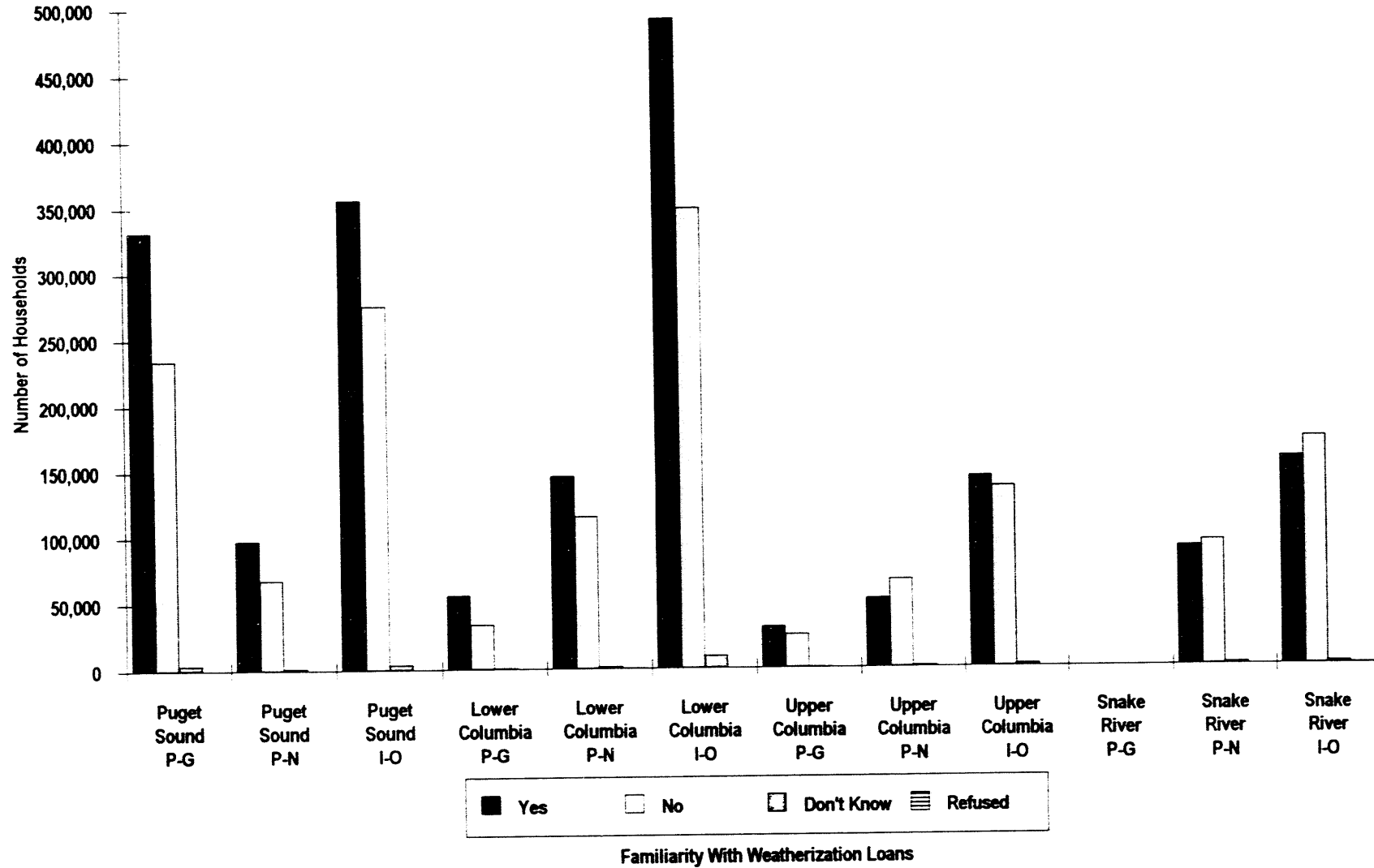


Table D-63: Familiarity with Weatherization Programs by Area Office

Q152: Have you heard or read anything about utility or state weatherization programs?

Raw Data

FAMILIARITY WITH WEATHERIZATION PROGRAMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	641	478	267	929	925	349	693	948	360	N/A	1,652	477	7,719
No	985	645	384	1,060	1,248	536	1,214	1,678	626	N/A	2,716	948	12,040
Don't Know	34	26	15	39	41	22	32	50	21	N/A	94	28	402
Refused	0	1	0	0	1	0	2	1	0	N/A	2	2	9
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

FAMILIARITY WITH WEATHERIZATION PROGRAMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	220,017	69,403	254,471	41,431	109,386	326,891	20,246	42,249	100,759	N/A	68,671	108,833	1,362,355
No	338,091	93,650	365,981	47,273	147,582	502,044	35,466	74,782	175,209	N/A	112,900	216,296	2,109,275
Don't Know	11,670	3,775	14,296	1,739	4,848	20,606	935	2,228	5,878	N/A	3,907	6,389	76,272
Refused	0	145	0	0	118	0	58	45	0	N/A	83	456	906
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-63: Familiarity with Weatherization Programs by Area Office

Q152: Have you heard or read anything about utility or state weatherization programs?

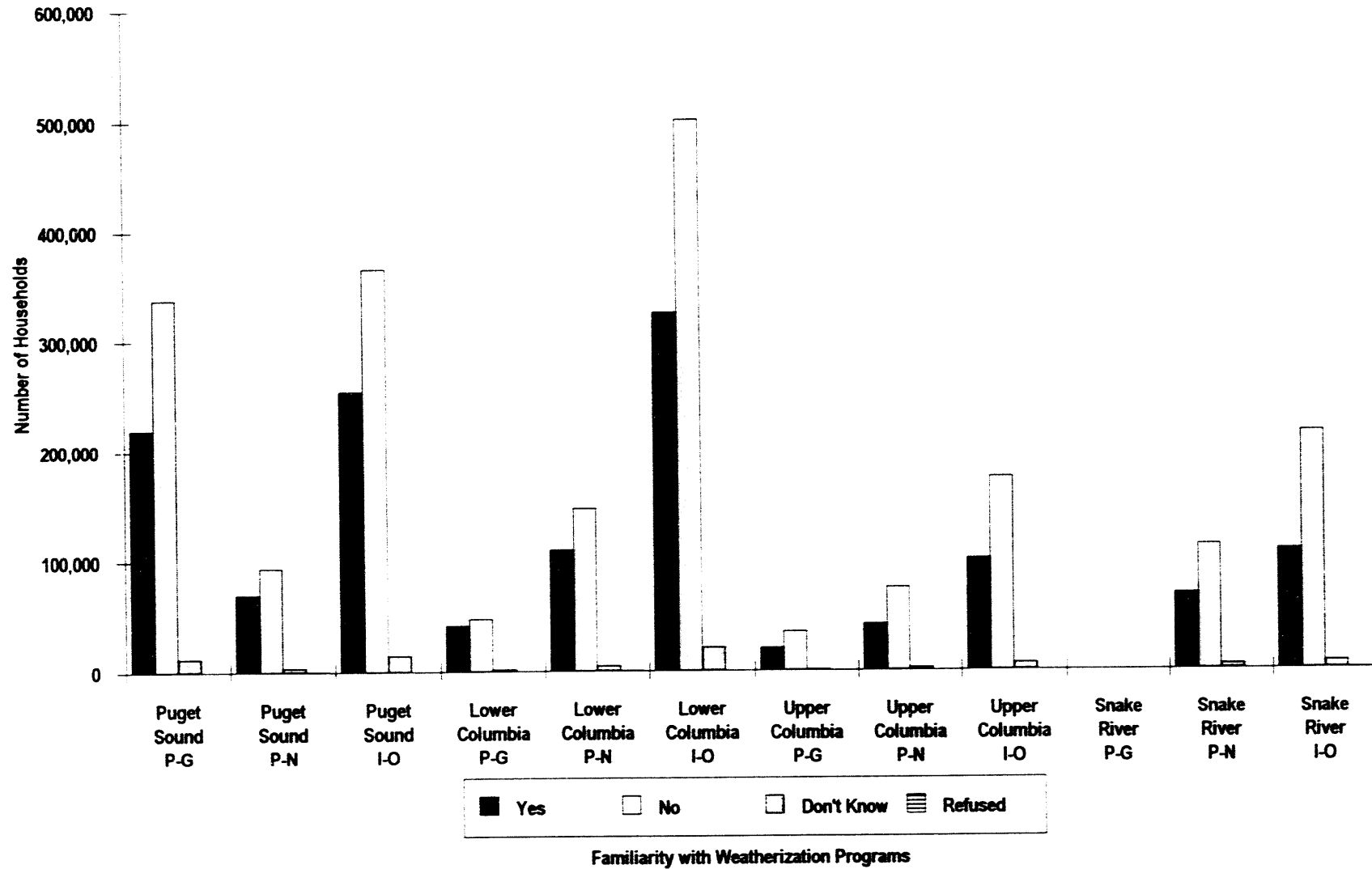


Table D-64: Familiarity with Efficient Appliance Programs by Area Office

Q153: Have you heard or read anything about efficient appliance programs?

Raw Data

FAMILIARITY WITH EFFICIENT APPLIANCE PROGRAMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	469	335	205	601	685	255	501	788	289	N/A	1,233	383	5,744
No	1,166	794	451	1,392	1,512	638	1,422	1,859	708	N/A	3,161	1,048	14,151
Don't Know	25	21	9	35	16	14	16	29	10	N/A	68	22	265
Refused	0	0	1	0	2	0	2	1	0	N/A	2	2	10
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

FAMILIARITY WITH EFFICIENT APPLIANCE PROGRAMS	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	160,979	48,640	195,380	26,803	81,004	238,846	14,636	35,118	80,887	N/A	51,254	87,386	1,020,934
No	400,218	115,284	429,837	62,080	178,801	597,582	41,543	82,849	198,160	N/A	131,398	239,113	2,476,863
Don't Know	8,581	3,049	8,578	1,561	1,892	13,113	467	1,292	2,799	N/A	2,827	5,020	49,179
Refused	0	0	953	0	237	0	58	45	0	N/A	83	456	1,832
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-64: Familiarity with Efficient Appliance Programs by Area Office

Q153: Have you heard or read anything about efficient appliance programs?

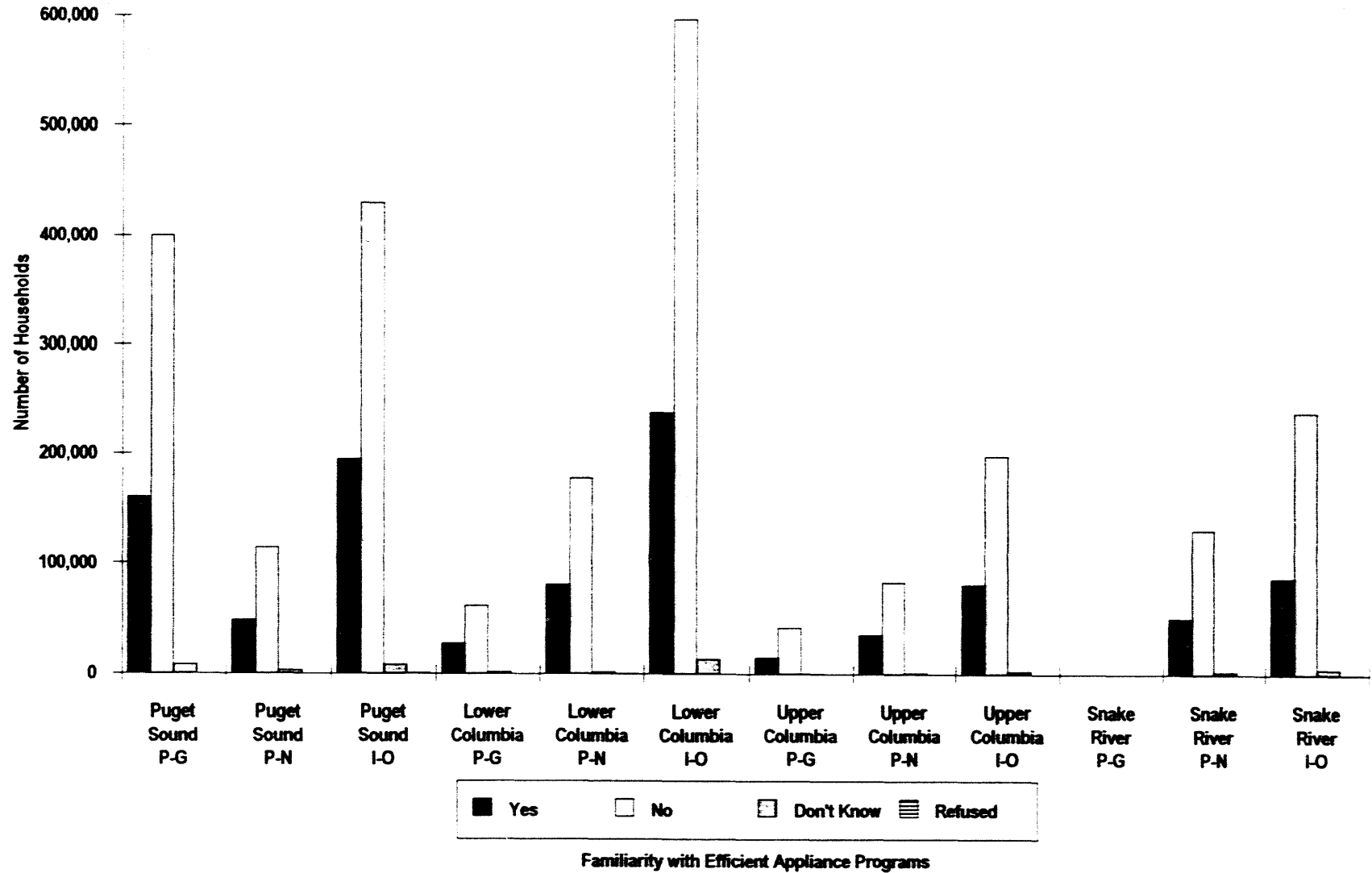


Table D-65: Extent of Home Energy Efficiency by Area Office
 Q158: Which of the following best describes how you feel about the energy efficiency of your home?

Raw Data

EXTENT OF HOME ENERGY EFFICIENCY	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Efficient as Can Be	420	376	165	556	645	245	543	670	257	N/A	1,098	357	5,332
A Little Improvement Can Be Made	511	308	221	608	673	283	603	747	290	N/A	1,320	473	6,037
A Moderate Improvement Can Be Made	446	259	162	498	519	224	504	720	267	N/A	1,179	374	5,152
A Lot of Improvement Can Be Made	149	96	78	229	209	77	160	316	118	N/A	480	146	2,058
A Great Deal of Improvement Can Be Made	99	97	31	106	129	63	100	192	56	N/A	307	87	1,267
Don't Know	34	14	8	29	37	14	28	29	19	N/A	76	16	304
Refused	1	0	1	2	3	1	3	3	0	N/A	4	2	20
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

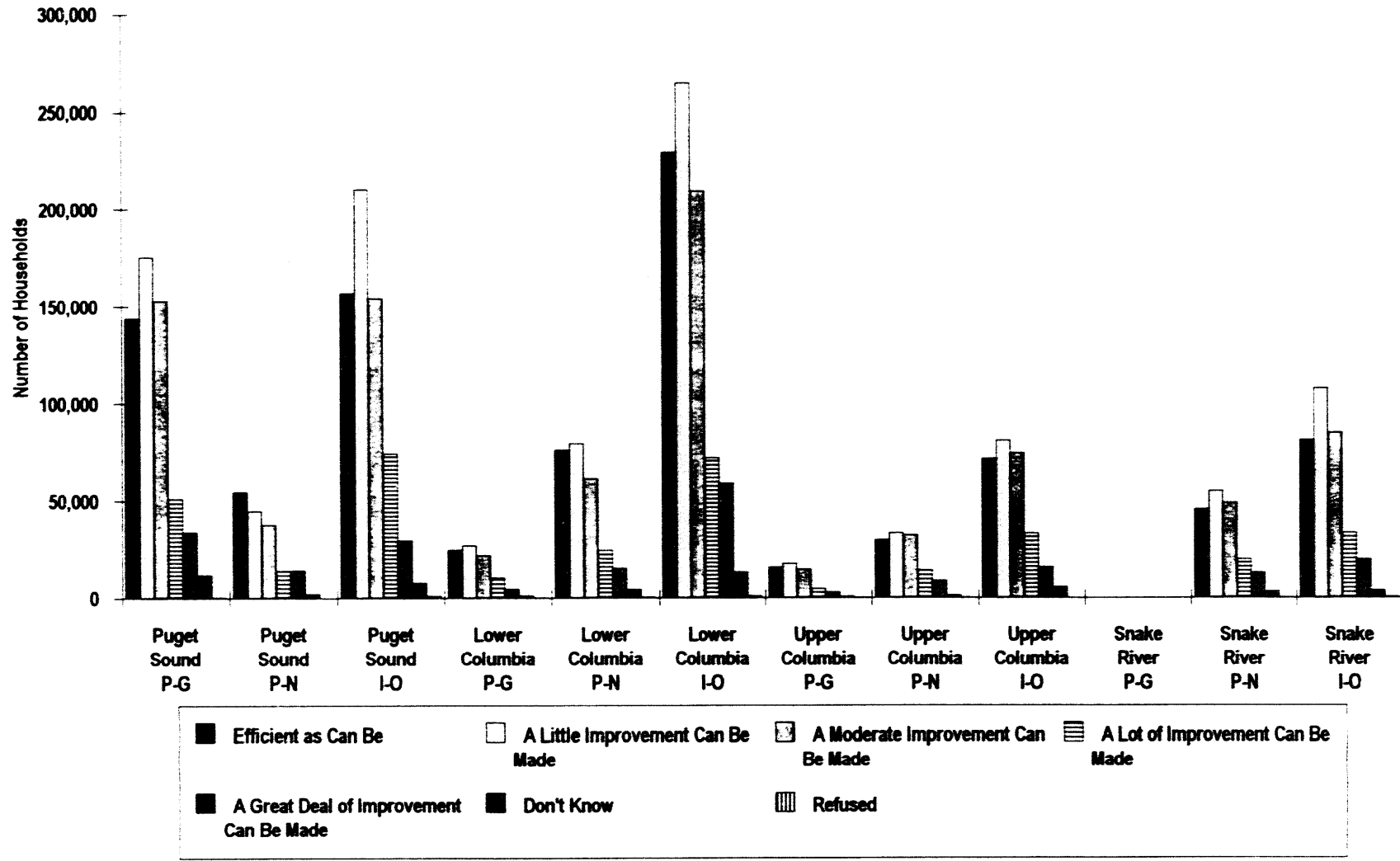
Weighted Data

EXTENT OF HOME ENERGY EFFICIENCY	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Efficient as Can Be	144,161	54,593	157,257	24,796	76,274	229,479	15,863	29,859	71,931	N/A	45,642	81,453	931,310
A Little Improvement Can Be Made	175,396	44,720	210,630	27,115	79,585	265,072	17,616	33,291	81,167	N/A	54,870	107,920	1,097,382
A Moderate Improvement Can Be Made	153,085	37,605	154,398	22,210	61,374	209,809	14,724	32,088	74,730	N/A	49,009	85,332	894,364
A Lot of Improvement Can Be Made	51,143	13,939	74,340	10,213	24,715	72,122	4,674	14,083	33,027	N/A	19,953	33,311	351,520
A Great Deal of Improvement Can Be Made	33,981	14,084	29,545	4,727	15,255	59,009	2,921	8,557	15,674	N/A	12,762	19,850	216,364
Don't Know	11,670	2,033	7,625	1,293	4,375	13,113	818	1,292	5,318	N/A	3,159	3,651	54,347
Refused	343	0	953	89	355	937	88	134	0	N/A	166	456	3,521
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-65: Extent of Home Energy Efficiency by Area Office

Q158: Which of the following best describes how you feel about the energy efficiency of your home?



Extent of Home Energy Efficiency

Table D-66: Seriousness of Environmental Pollution by Area Office

Q160A: How do you rate the seriousness of environmental pollution?

Raw Data

SERIOUSNESS OF ENVIRONMENTAL POLLUTION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	95	123	46	123	219	65	219	457	96	N/A	596	181	2,220
2	136	134	57	220	294	118	267	494	163	N/A	719	247	2,849
3	416	305	167	534	623	267	558	712	294	N/A	1,266	426	5,568
4	363	210	148	415	382	164	323	352	162	N/A	678	244	3,441
5 (Extremely serious)	591	329	230	684	622	262	474	565	252	N/A	1,036	306	5,351
Don't Know	55	48	18	48	67	29	88	89	35	N/A	157	48	682
Refused	4	1	0	4	8	2	12	8	5	N/A	12	3	59
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

SERIOUSNESS OF ENVIRONMENTAL POLLUTION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	32,608	17,859	43,841	5,486	25,898	60,882	6,398	20,367	26,869	N/A	24,775	41,297	306,279
2	46,681	19,456	54,325	9,811	34,767	110,525	7,800	22,016	45,622	N/A	29,888	56,356	437,246
3	142,788	44,284	159,164	23,815	73,673	250,085	16,302	31,731	82,287	N/A	52,626	97,197	973,950
4	124,596	30,491	141,055	18,508	45,173	153,611	9,436	15,687	45,342	N/A	28,183	55,671	667,754
5 (Extremely serious)	202,855	47,769	219,207	30,505	73,554	245,402	13,848	25,180	70,531	N/A	43,065	69,817	1,041,733
Don't Know	18,878	6,969	17,155	2,141	7,923	27,163	2,571	3,966	9,796	N/A	6,526	10,952	114,041
Refused	1,373	145	0	178	946	1,873	351	357	1,399	N/A	499	684	7,806
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-66: Seriousness of Environmental Pollution by Area Office
 Q160A: How do you rate the seriousness of environmental pollution?

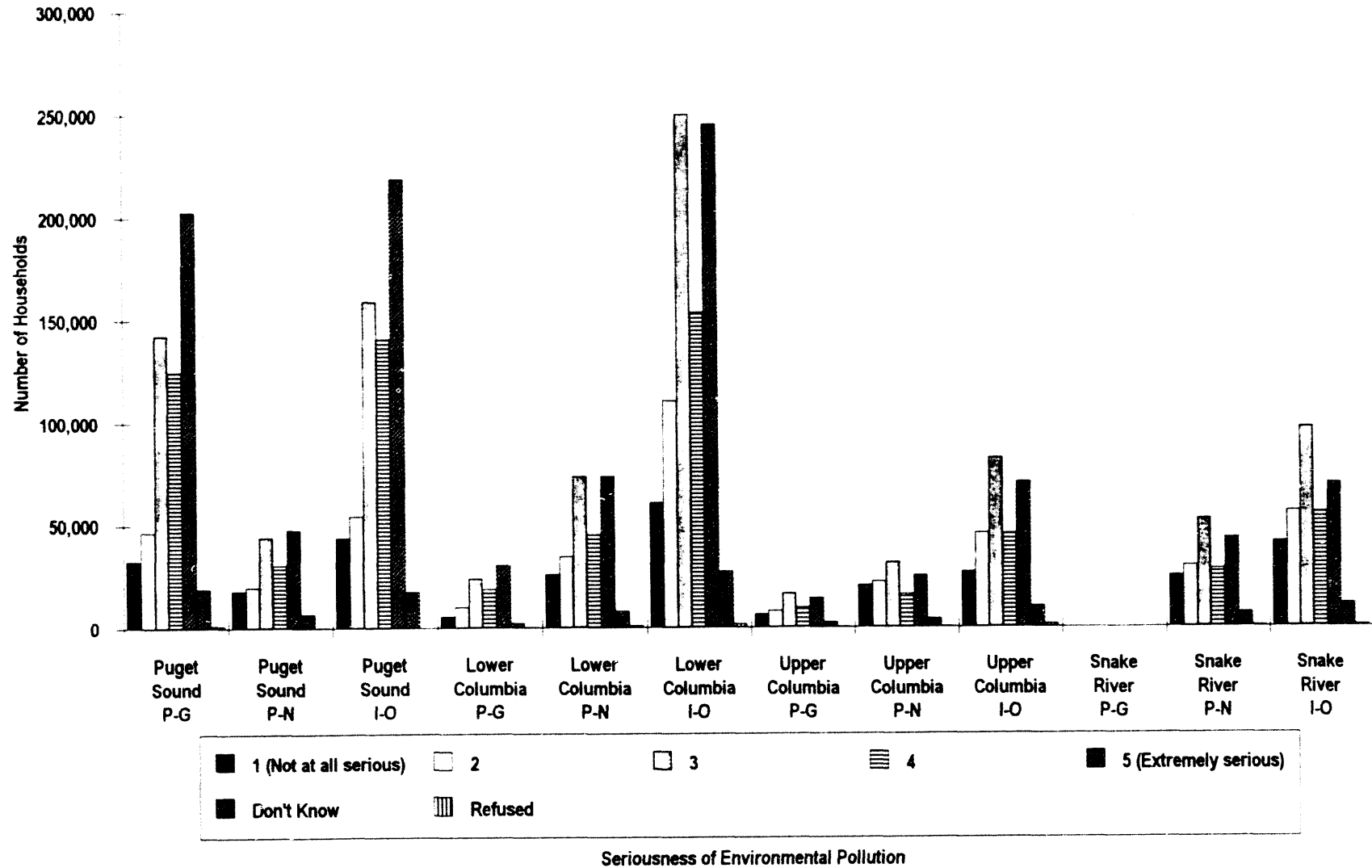


Table D-67: Seriousness of the Cost of Energy by Area Office

Q160B: How do you rate the seriousness of the cost of energy?

Raw Data

SERIOUSNESS OF THE COST OF ENERGY	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	116	66	26	144	162	44	423	235	72	N/A	362	110	1,760
2	279	184	76	383	358	131	404	413	150	N/A	785	234	3,397
3	529	344	219	694	766	327	514	845	318	N/A	1,426	476	6,458
4	346	223	141	380	453	185	241	519	200	N/A	850	287	3,825
5 (Extremely serious)	318	275	183	349	386	183	262	538	215	N/A	842	296	3,847
Don't Know	65	54	21	73	86	36	85	122	49	N/A	187	51	829
Refused	7	4	0	5	4	1	12	5	3	N/A	12	1	54
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

SERIOUSNESS OF THE COST OF ENERGY	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	39,816	9,583	24,780	6,422	19,157	41,213	12,358	10,473	20,152	N/A	15,048	25,098	224,099
2	95,764	26,716	72,434	17,081	42,335	122,701	11,803	18,406	41,983	N/A	32,631	53,390	535,243
3	181,574	49,947	208,723	30,951	90,583	306,284	15,016	37,659	89,004	N/A	59,277	108,605	1,177,622
4	118,761	32,378	134,384	16,947	53,569	173,280	7,041	23,130	55,977	N/A	35,333	65,482	716,283
5 (Extremely serious)	109,150	39,928	174,413	15,565	45,646	171,407	7,654	23,977	60,176	N/A	35,001	67,536	750,452
Don't Know	22,311	7,840	20,015	3,256	10,170	33,719	2,483	5,437	13,714	N/A	7,773	11,636	138,355
Refused	2,403	581	0	223	473	937	351	223	840	N/A	499	228	6,756
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-67: Seriousness of the Cost of Energy by Area Office

Q160B: How do you rate the seriousness of the cost of energy?

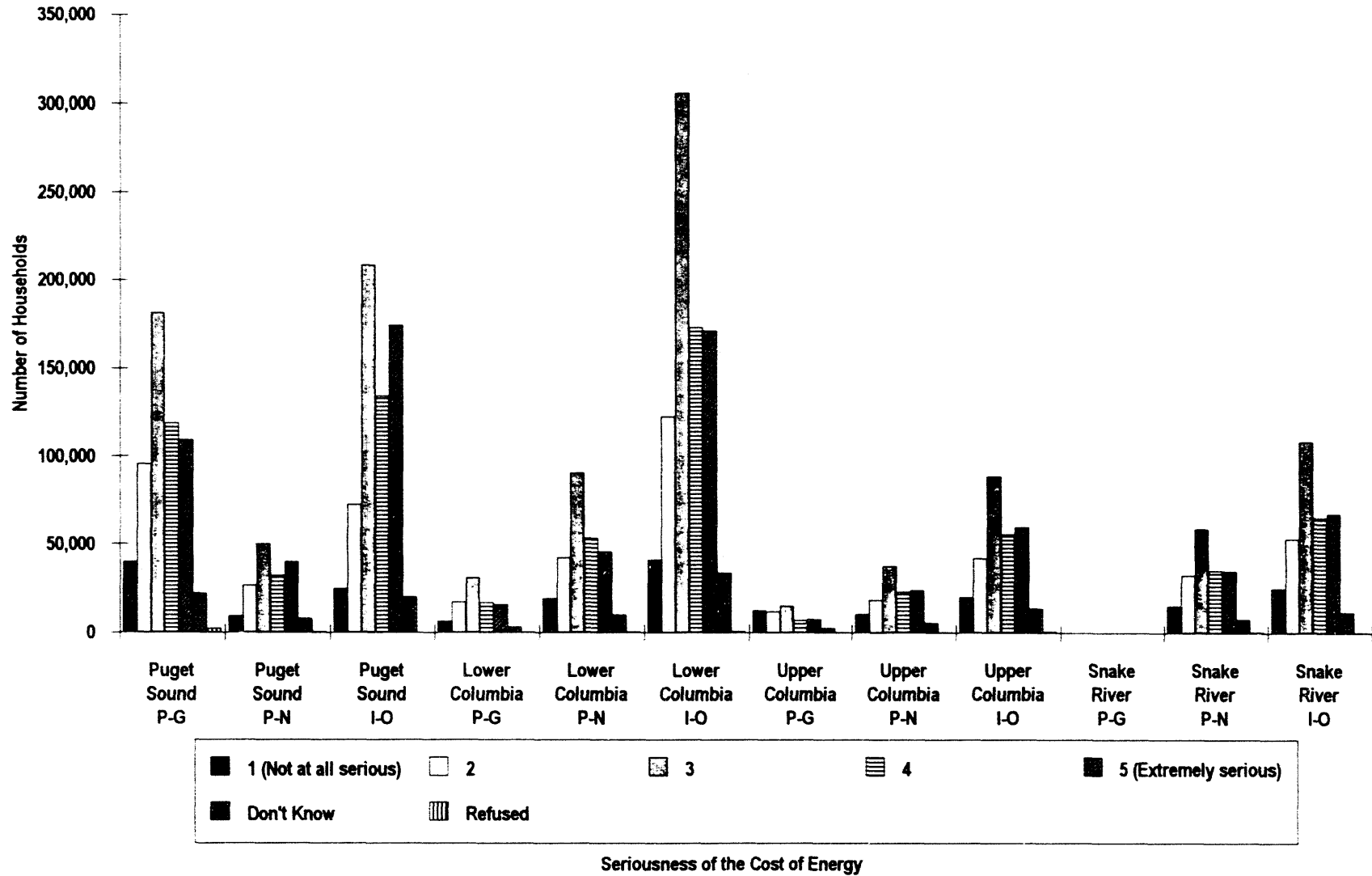


Table D-68: Seriousness of Unemployment by Area Office

Q160C: How do you rate the seriousness of unemployment?

Raw Data

SERIOUSNESS OF UNEMPLOYMENT	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	54	36	23	54	73	24	89	114	41	N/A	263	75	846
2	126	63	60	92	132	68	227	196	77	N/A	526	171	1,738
3	366	188	165	317	407	167	525	542	216	N/A	1,071	372	4,336
4	416	280	157	544	507	212	402	659	242	N/A	919	295	4,633
5 (Extremely serious)	620	515	229	952	980	400	565	1,016	370	N/A	1,428	462	7,537
Don't Know	70	64	31	63	106	34	119	142	56	N/A	240	77	1,002
Refused	8	4	1	6	10	2	14	8	5	N/A	17	3	78
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

SERIOUSNESS OF UNEMPLOYMENT	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	18,535	5,227	21,921	2,408	8,633	22,480	2,600	5,081	11,475	N/A	10,933	17,112	126,404
2	43,248	9,147	57,185	4,103	15,610	63,692	6,632	8,735	21,551	N/A	21,865	39,015	290,783
3	125,626	27,296	157,257	14,137	48,130	156,420	15,338	24,155	60,456	N/A	44,520	84,876	758,211
4	142,788	40,654	149,633	24,261	59,955	198,570	11,744	29,369	67,733	N/A	38,201	67,307	830,216
5 (Extremely serious)	212,809	74,775	218,254	42,457	115,890	374,660	16,506	45,279	103,558	N/A	59,360	105,410	1,368,958
Don't Know	24,027	9,292	29,545	2,810	12,535	31,846	3,477	6,328	15,674	N/A	9,976	17,568	163,079
Refused	2,746	581	953	268	1,183	1,873	409	357	1,399	N/A	707	684	11,159
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-68: Seriousness of Unemployment by Area Office

Q160C: How do you rate the seriousness of unemployment?

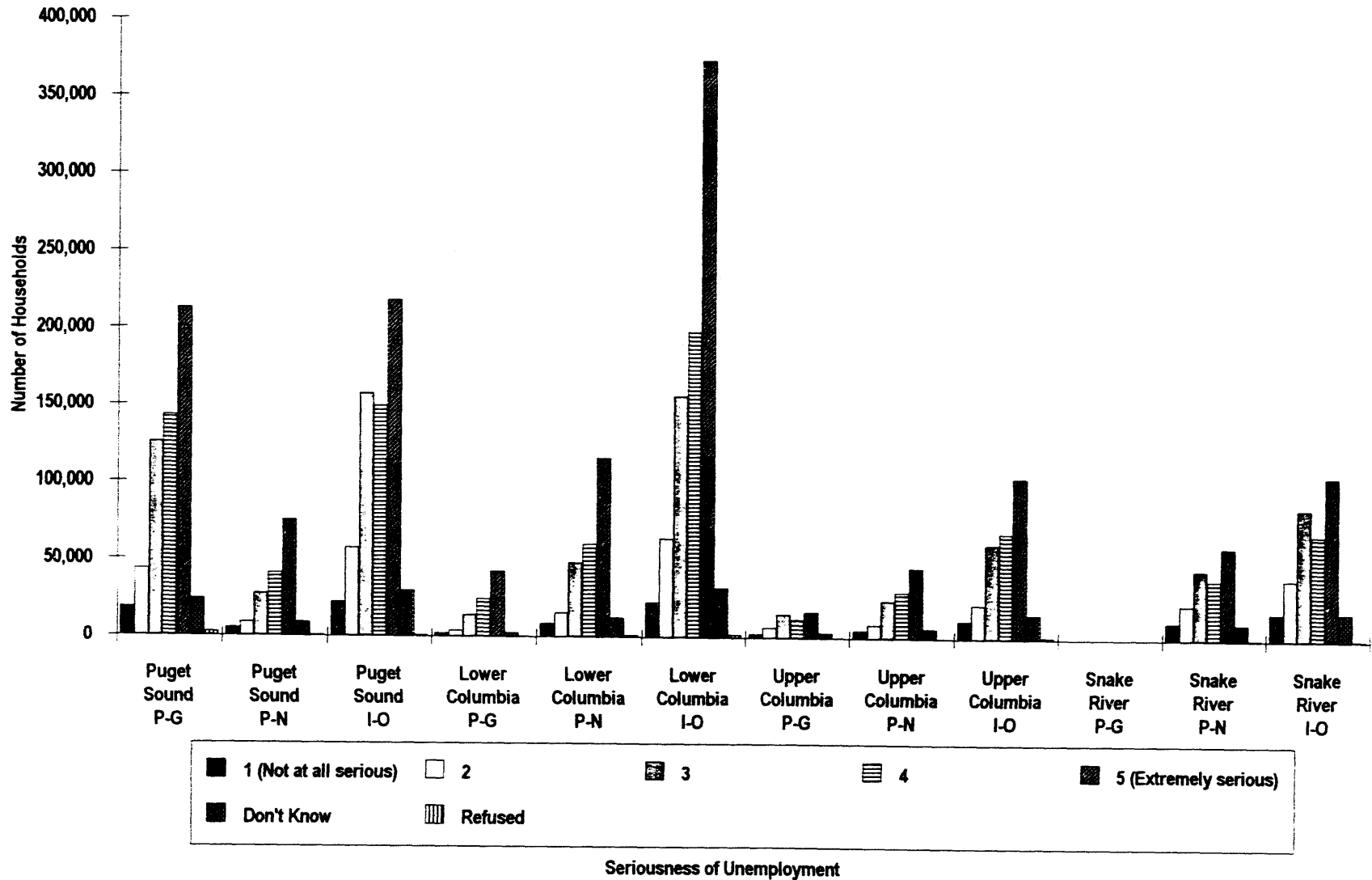


Table D-69: Seriousness of Scarcity of Energy by Area Office

Q160D: How do you rate the seriousness of scarcity of energy?

Raw Data

SERIOUSNESS OF SCARCITY OF ENERGY	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	215	227	83	288	344	135	569	709	250	N/A	969	298	4,087
2	315	265	137	446	429	181	419	580	226	N/A	961	334	4,293
3	500	289	190	573	645	246	427	643	250	N/A	1,112	374	5,249
4	297	150	116	345	347	149	214	283	102	N/A	604	195	2,802
5 (Extremely serious)	223	128	99	242	294	127	158	236	99	N/A	504	147	2,257
Don't Know	104	87	40	127	148	67	140	217	76	N/A	303	104	1,413
Refused	6	4	1	7	8	2	14	9	4	N/A	11	3	69
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

SERIOUSNESS OF SCARCITY OF ENERGY	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	73,797	32,959	79,105	12,844	40,680	126,448	16,623	31,598	69,972	N/A	40,280	67,992	592,296
2	108,121	38,476	130,571	19,891	50,731	169,534	12,241	25,848	63,254	N/A	39,947	76,206	734,820
3	171,620	41,961	181,084	25,554	76,274	230,416	12,475	28,656	69,972	N/A	46,224	85,332	969,568
4	101,942	21,779	110,557	15,386	41,034	139,561	6,252	12,612	28,548	N/A	25,107	44,491	547,271
5 (Extremely serious)	76,542	18,585	94,354	10,793	34,767	118,954	4,616	10,518	27,709	N/A	20,951	33,540	451,328
Don't Know	35,697	12,632	38,123	5,664	17,502	62,756	4,090	9,671	21,271	N/A	12,595	23,729	243,729
Refused	2,059	581	953	312	946	1,873	409	401	1,120	N/A	457	684	9,796
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-69: Seriousness of Scarcity of Energy by Area Office

Q160D: How do you rate the seriousness of scarcity of energy?

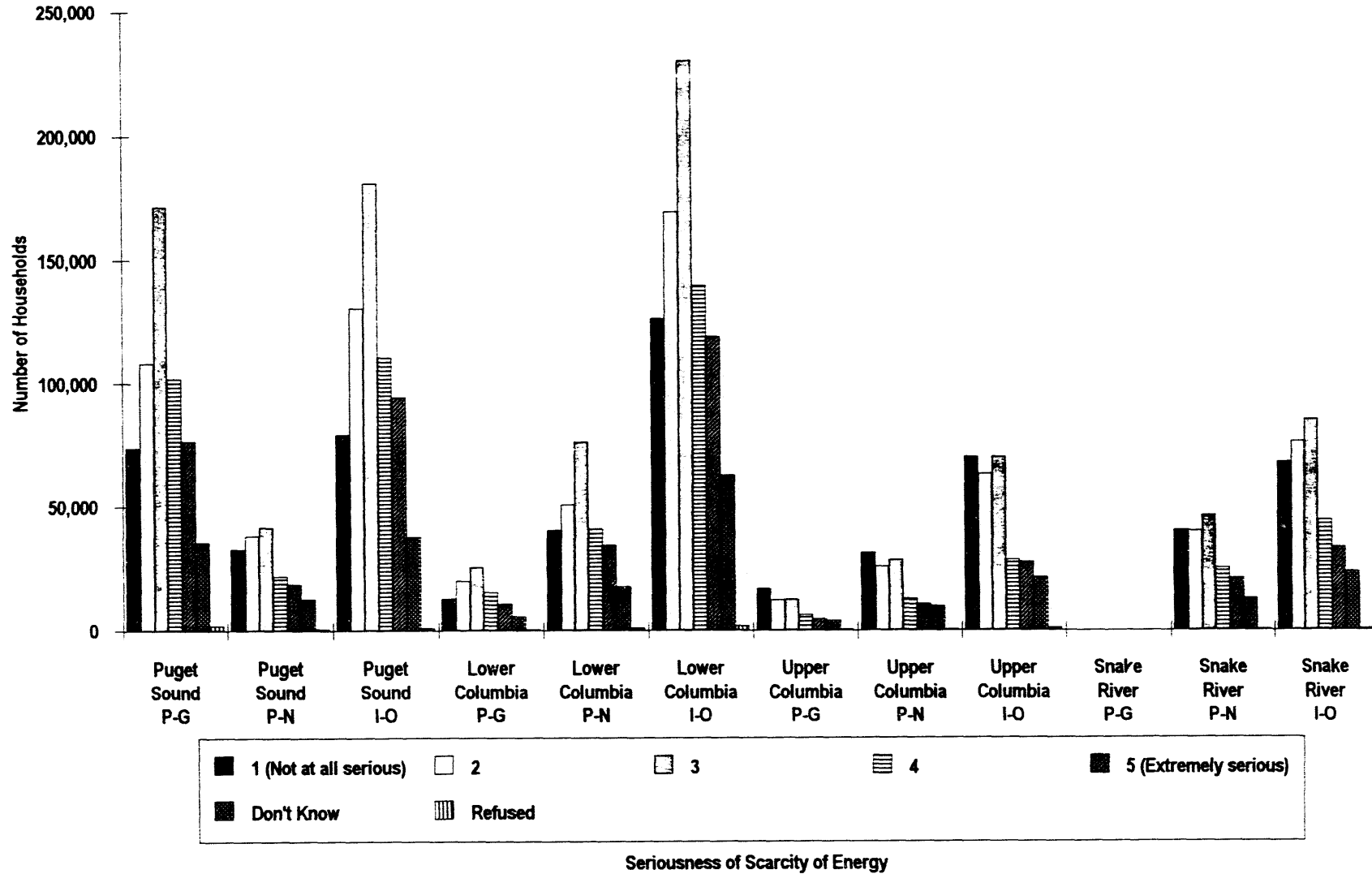


Table D-70: Seriousness of Crime by Area Office

Q160E: How do you rate the seriousness of crime?

Raw Data

SERIOUSNESS OF CRIME	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	41	85	19	64	119	32	114	369	104	N/A	399	132	1,478
2	106	125	51	248	248	68	258	669	190	N/A	744	273	2,980
3	357	301	161	607	522	187	518	752	268	N/A	1,079	380	5,132
4	422	262	174	509	489	215	423	362	172	N/A	859	259	4,146
5 (Extremely serious)	702	337	246	553	785	379	558	450	244	N/A	1,259	368	5,881
Don't Know	27	37	14	40	44	24	57	68	26	N/A	109	37	483
Refused	5	3	1	7	8	2	13	7	3	N/A	15	6	70
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

SERIOUSNESS OF CRIME	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
1 (Not at all serious)	14,073	12,341	18,108	2,854	14,072	29,973	3,330	16,445	29,108	N/A	16,586	30,117	187,009
2	36,383	18,149	48,607	11,060	29,327	63,692	7,537	29,815	53,178	N/A	30,927	62,288	390,964
3	122,537	43,703	153,445	27,071	61,729	175,153	15,133	33,514	75,010	N/A	44,852	86,701	838,848
4	144,847	38,041	165,835	22,700	57,826	201,380	12,358	16,133	48,141	N/A	35,707	59,094	802,062
5 (Extremely serious)	240,954	48,930	234,456	24,662	92,830	354,990	16,302	20,055	68,292	N/A	52,335	83,963	1,237,770
Don't Know	9,267	5,372	13,343	1,784	5,203	22,480	1,665	3,031	7,277	N/A	4,531	8,442	82,395
Refused	1,716	436	953	312	946	1,873	380	312	840	N/A	624	1,369	9,760
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-70: Seriousness of Crime by Area Office

Q160E: How do you rate the seriousness of crime?

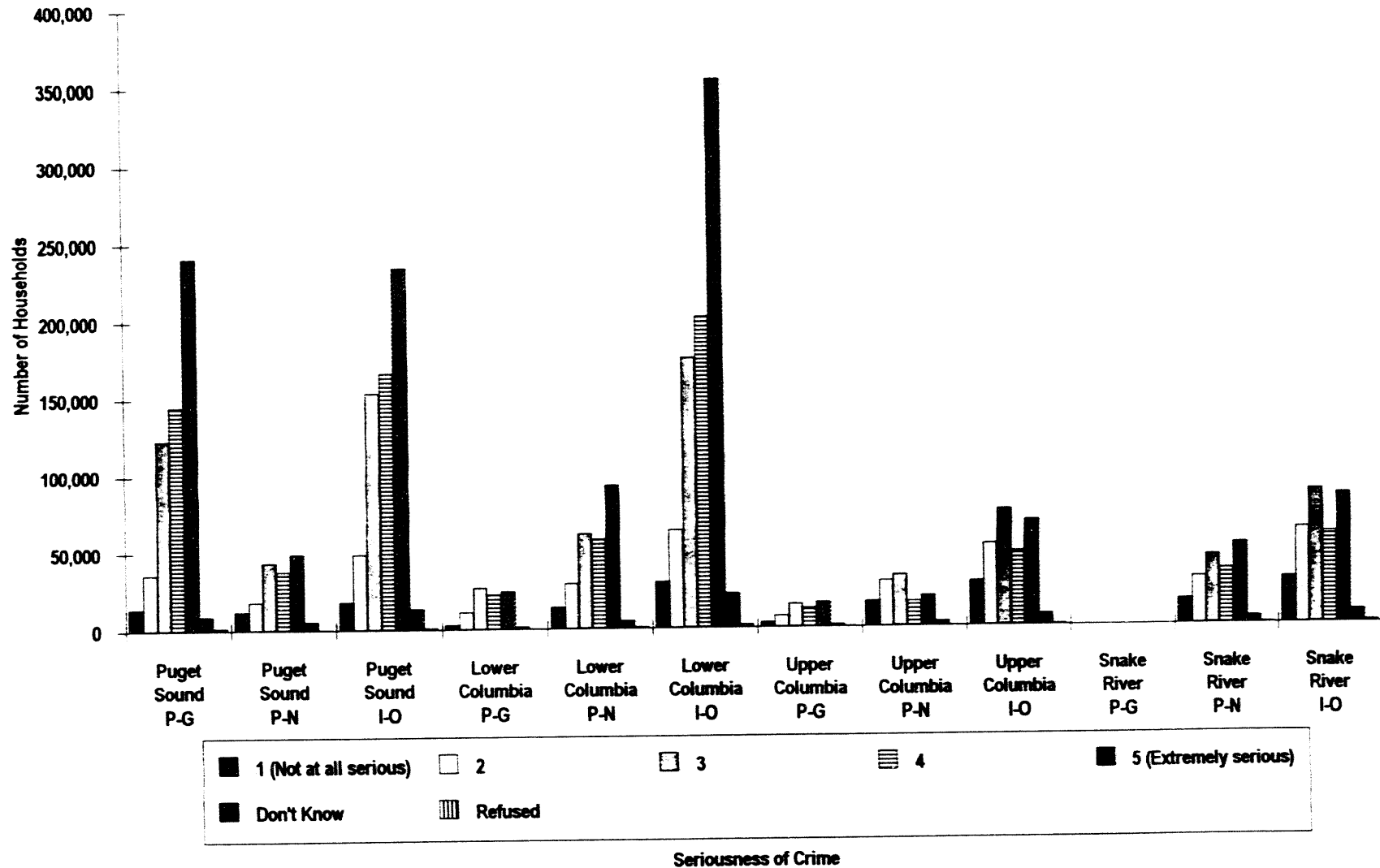


Table D-71: Receive Electric Utility Bill by Area Office

Q163: Do you receive a bill from your electric utility?

Raw Data

RECEIVE ELECTRIC UTILITY BILL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	1,594	1,108	655	1,961	2,150	899	1,844	2,501	972	N/A	4,285	1,428	19,397
No	64	39	10	62	57	7	88	163	32	N/A	166	24	712
Don't Know	1	2	1	2	4	0	2	7	2	N/A	3	2	26
Refused	1	1	0	3	4	1	7	6	1	N/A	10	1	35
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

RECEIVE ELECTRIC UTILITY BILL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	547,124	160,875	624,264	87,456	254,247	842,048	53,871	111,460	272,050	N/A	178,121	325,814	3,457,330
No	21,967	5,663	9,531	2,765	6,741	6,557	2,571	7,264	8,956	N/A	6,900	5,476	84,391
Don't Know	343	290	953	89	473	0	58	312	560	N/A	125	456	3,660
Refused	343	145	0	134	473	937	205	267	280	N/A	416	228	3,428
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-71: Receive Electric Utility Bill by Area Office

Q163: Do you receive a bill from your electric utility?

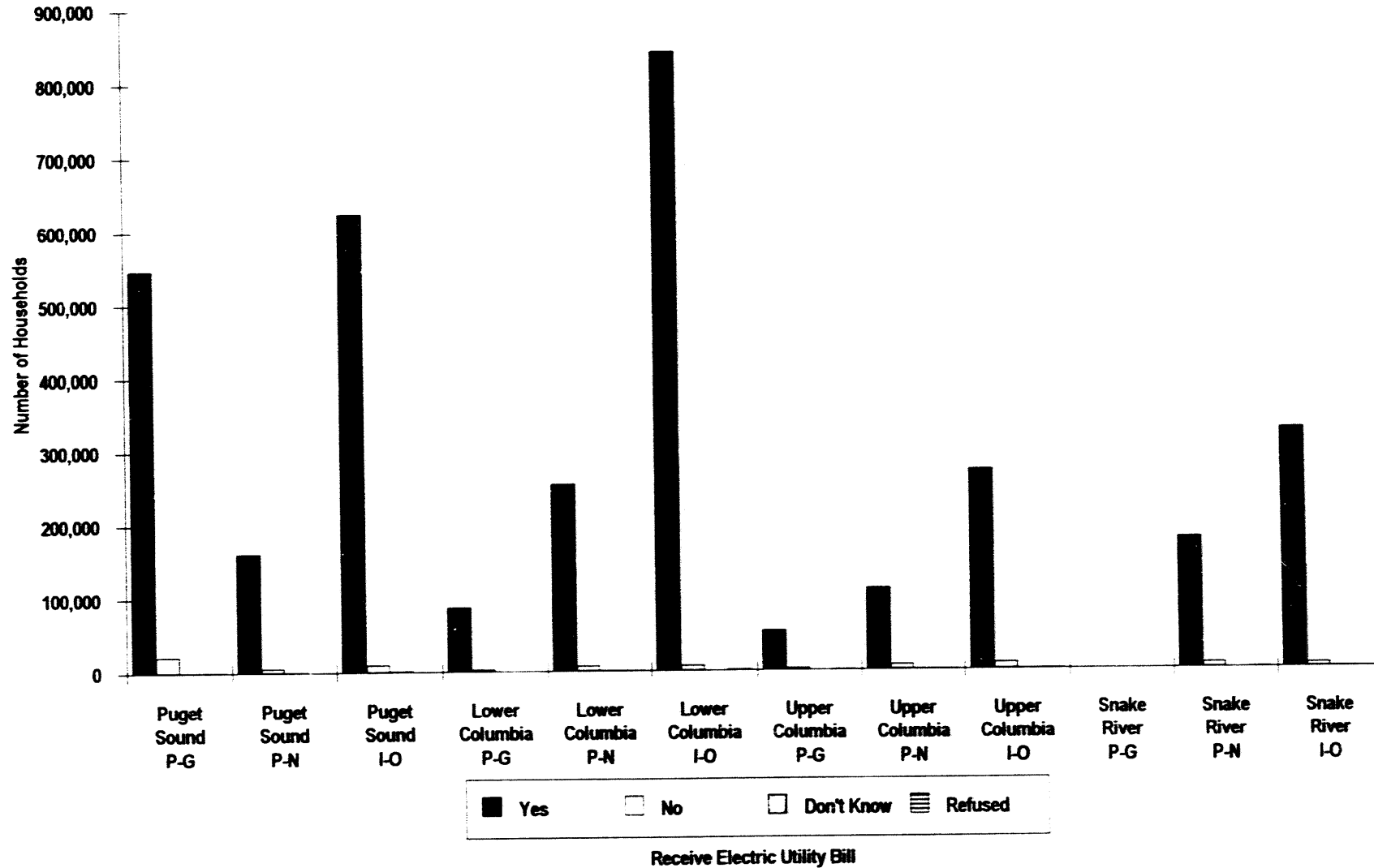


Table D-72: Number of People in Household by Area Office

Q172: How many people, including yourself, normally live in your home?

Raw Data

NUMBER OF PEOPLE IN HOUSEHOLD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
One	324	209	90	401	362	164	315	464	168	N/A	689	201	3,387
Two	608	460	235	753	841	313	711	975	386	N/A	1,621	463	7,366
Three	300	171	135	368	366	153	308	428	162	N/A	708	257	3,356
Four	253	172	120	299	360	143	340	429	161	N/A	739	239	3,255
Five	103	77	52	127	158	73	148	208	81	N/A	391	147	1,565
Six	28	36	13	39	67	30	68	98	22	N/A	149	75	625
Seven	11	9	10	14	18	9	20	31	11	N/A	62	30	225
Eight	6	1	1	4	3	2	7	15	4	N/A	30	19	92
Nine	1	1	1	0	2	1	3	2	1	N/A	11	7	30
Ten	1	2	1	0	1	0	3	2	1	N/A	3	2	16
Eleven	0	2	0	1	0	0	0	0	0	N/A	5	0	8
Twelve	1	0	0	0	1	0	0	2	0	N/A	0	2	6
Fourteen	0	0	0	0	1	0	0	0	0	N/A	0	0	1
Fifteen	0	0	0	1	0	1	0	1	0	N/A	0	0	3
Eighteen	0	0	0	0	0	0	0	1	0	N/A	0	0	1
Nineteen	0	0	0	1	0	0	0	0	0	N/A	0	0	1
Twenty	0	0	0	1	0	0	0	0	0	N/A	0	0	1
Don't Know	3	0	0	2	1	0	0	2	0	N/A	4	1	13
Refused	21	10	8	17	34	18	18	19	10	N/A	52	12	219
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Table D-72: Number of People in Household by Area Office

Q172: How many people, including yourself, normally live in your home?

Weighted Data

NUMBER OF PEOPLE IN HOUSEHOLD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
One	111,210	30,346	85,777	17,884	42,808	153,611	9,203	20,679	47,021	N/A	28,641	45,860	593,038
Two	208,690	66,789	223,973	33,582	99,452	293,171	20,771	43,452	108,036	N/A	67,383	105,638	1,270,938
Three	102,972	24,828	128,665	16,412	43,281	143,307	8,998	19,074	45,342	N/A	29,430	58,637	620,948
Four	86,840	24,973	114,369	13,335	42,572	133,941	9,933	19,119	45,062	N/A	30,719	54,530	575,392
Five	35,354	11,180	49,560	5,664	18,684	68,375	4,324	9,270	22,671	N/A	16,253	33,540	274,874
Six	9,611	5,227	12,390	1,739	7,923	28,099	1,987	4,367	6,158	N/A	6,194	17,112	100,807
Seven	3,776	1,307	9,531	624	2,129	8,430	584	1,382	3,079	N/A	2,577	6,845	40,263
Eight	2,059	145	953	178	355	1,873	205	668	1,120	N/A	1,247	4,335	13,139
Nine	343	145	953	0	237	937	88	89	280	N/A	457	1,597	5,126
Ten	343	290	953	0	118	0	88	89	280	N/A	125	456	2,743
Eleven	0	290	0	45	0	0	0	0	0	N/A	208	0	543
Twelve	343	0	0	0	118	0	0	89	0	N/A	0	456	1,007
Fourteen	0	0	0	0	118	0	0	0	0	N/A	0	0	118
Fifteen	0	0	0	45	0	937	0	45	0	N/A	0	0	1,026
Eighteen	0	0	0	0	0	0	0	45	0	N/A	0	0	45
Nineteen	0	0	0	45	0	0	0	0	0	N/A	0	0	45
Twenty	0	0	0	45	0	0	0	0	0	N/A	0	0	45
Don't Know	1,030	0	0	89	118	0	0	89	0	N/A	166	228	1,721
Refused	7,208	1,452	7,625	758	4,021	16,860	526	847	2,799	N/A	2,162	2,738	46,994
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-72: Number of People in Household by Area Office

Q172: How many people, including yourself, normally live in your home?

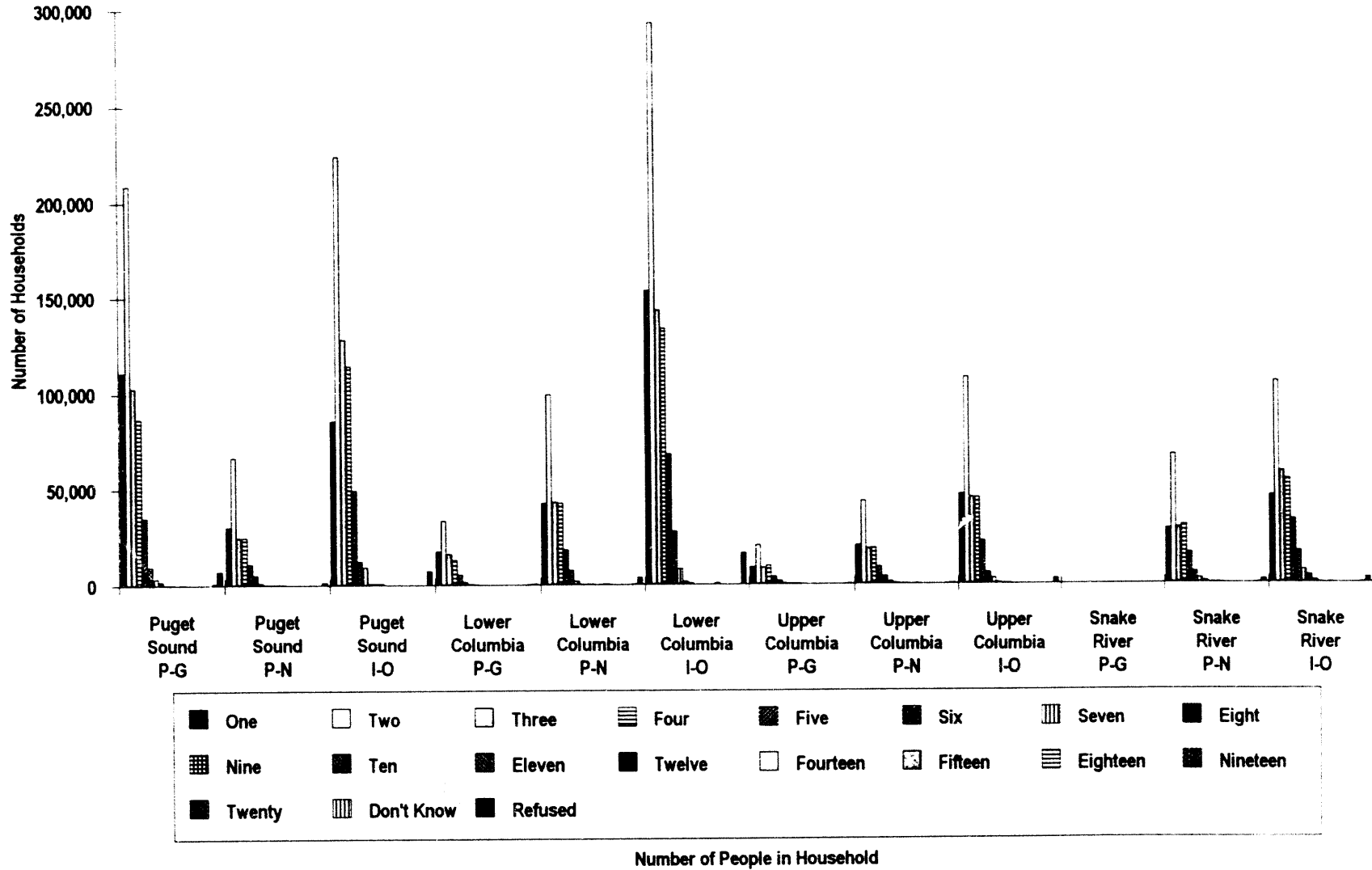


Table D-73: Respondent's Age by Area Office

Q173: How old are you?

Raw Data

RESPONDENT'S AGE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
18-64 Years Old	215	106	60	271	213	91	174	258	89	N/A	405	106	1,988
65 or Older	109	102	28	129	149	73	141	206	78	N/A	284	95	1,394
Not Asked	1,336	941	576	1,627	1,853	743	1,626	2,213	839	N/A	3,775	1,254	16,783
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	0	1	2	1	0	0	0	0	1	N/A	0	0	5
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

RESPONDENT'S AGE	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
18-64 Years Old	73,797	15,391	57,185	12,086	25,188	85,235	5,083	11,498	24,910	N/A	16,835	24,185	351,392
65 or Older	37,413	14,810	26,686	5,753	17,620	68,375	4,119	9,181	21,831	N/A	11,805	21,675	239,269
Not Asked	458,568	136,627	548,971	72,560	219,126	695,931	47,502	98,625	234,825	N/A	156,921	286,114	2,955,771
Don't Know	0	0	0	0	0	0	0	0	0	N/A	0	0	0
Refused	0	145	1,906	45	0	0	0	0	280	N/A	0	0	2,376
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-73: Respondent's Age by Area Office

Q173: How old are you?

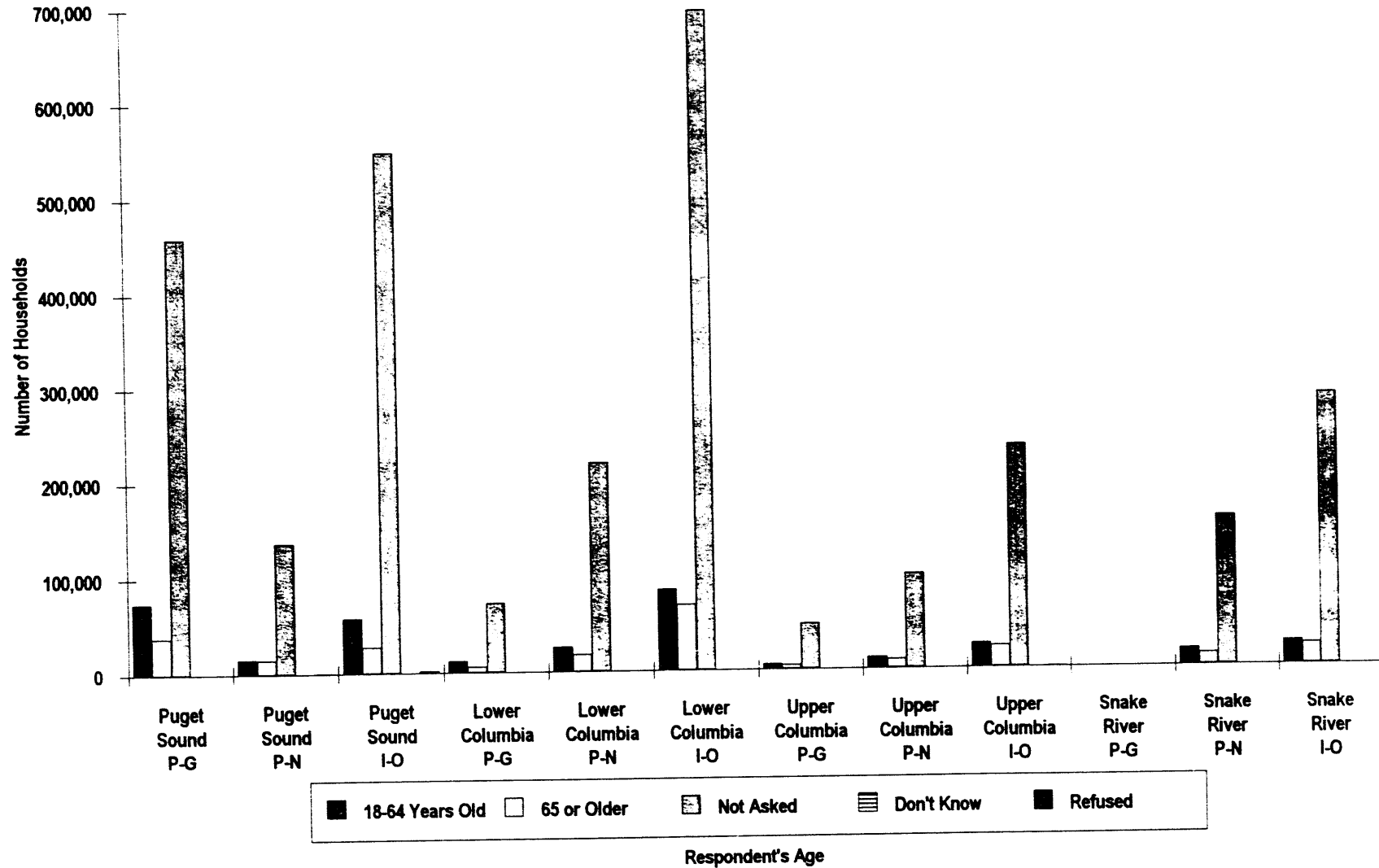


Table D-74A: Number in Household Less than 6 Years Old by Area Office

Q174A: How many of the people who live in your home are less than 6 years old?

Raw Data

NUMBER IN HOUSEHOLD LESS THAN 6 YEARS OLD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	1,024	763	435	1,283	1,436	560	1,237	1,714	655	N/A	2,848	943	12,898
One	192	108	92	216	220	110	223	293	106	N/A	511	159	2,230
Two	77	44	33	86	133	44	127	149	59	N/A	300	105	1,157
Three	14	14	5	21	21	10	15	31	8	N/A	50	29	218
Four	1	2	1	0	5	1	4	4	1	N/A	4	2	25
Five	1	0	0	0	0	0	1	0	0	N/A	2	3	7
Not Asked	348	219	98	420	397	182	333	485	178	N/A	745	214	3,619
Refused	3	0	2	2	3	0	1	1	0	N/A	4	0	16
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

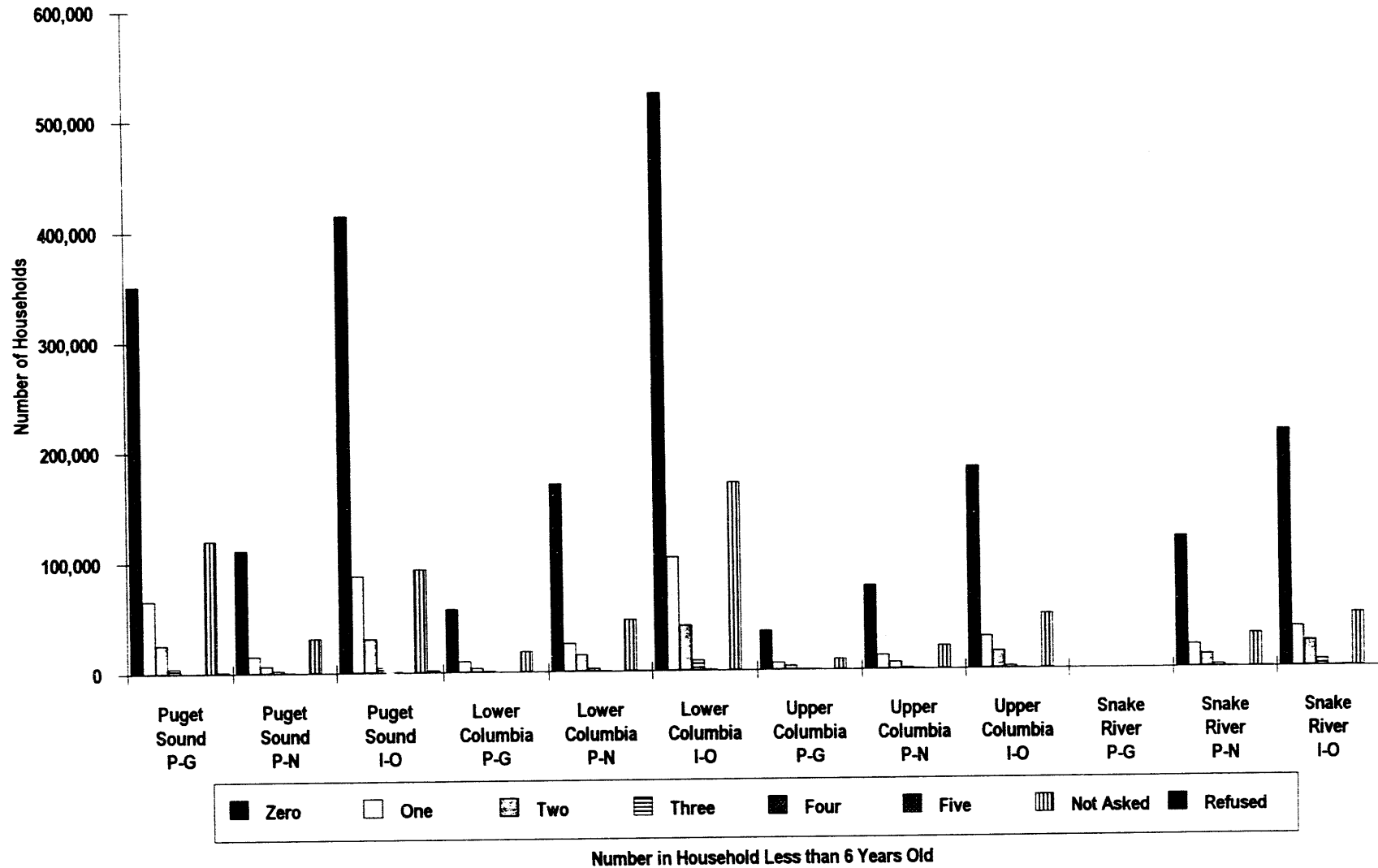
Weighted Data

NUMBER IN HOUSEHOLD LESS THAN 6 YEARS OLD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	351,478	110,783	414,588	57,219	169,814	524,524	36,138	76,387	183,326	N/A	118,387	215,156	2,257,797
One	65,902	15,681	87,683	9,633	26,016	103,031	6,515	13,058	29,668	N/A	21,242	36,278	414,706
Two	26,429	6,389	31,451	3,835	15,728	41,213	3,710	6,640	16,513	N/A	12,471	23,957	188,337
Three	4,805	2,033	4,765	937	2,483	9,366	438	1,382	2,239	N/A	2,078	6,617	37,144
Four	343	290	953	0	591	937	117	178	280	N/A	166	456	4,312
Five	343	0	0	0	0	0	29	0	0	N/A	83	684	1,140
Not Asked	119,447	31,797	93,401	18,731	46,947	170,470	9,728	21,615	49,820	N/A	30,969	48,826	641,752
Refused	1,030	0	1,906	89	355	0	29	45	0	N/A	166	0	3,620
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-74A: Number in Household Less than 6 Years Old by Area Office

Q174A: How many of the people who live in your home are less than 6 years old?



Not Asked: Respondents were not asked this question if they answered Q172 'One', 'Don't Know', or 'Refused'.

Table D-74B: Number in Household 6 to 17 Years Old by Area Office

Q174B: How many of the people who live in your home are between 6 and 17 years old?

Raw Data

NUMBER IN HOUSEHOLD 6 TO 17 YEARS OLD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	916	583	353	1,104	1,152	454	959	1,279	541	N/A	2,235	689	10,265
One	207	163	105	257	313	132	291	413	122	N/A	640	214	2,857
Two	145	131	78	187	255	96	246	322	108	N/A	519	191	2,278
Three	34	40	22	42	75	32	74	128	44	N/A	209	93	793
Four	6	8	7	12	12	8	29	35	9	N/A	72	31	229
Five	1	4	1	4	3	2	7	10	3	N/A	21	14	70
Six	0	1	0	0	2	1	1	4	0	N/A	11	9	29
Seven	0	1	0	0	2	0	0	0	1	N/A	5	0	9
Eight	0	0	0	0	0	0	0	0	1	N/A	1	0	2
Not Asked	348	219	98	420	397	182	333	485	178	N/A	745	214	3,619
Refused	3	0	2	2	4	0	1	1	0	N/A	6	0	19
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

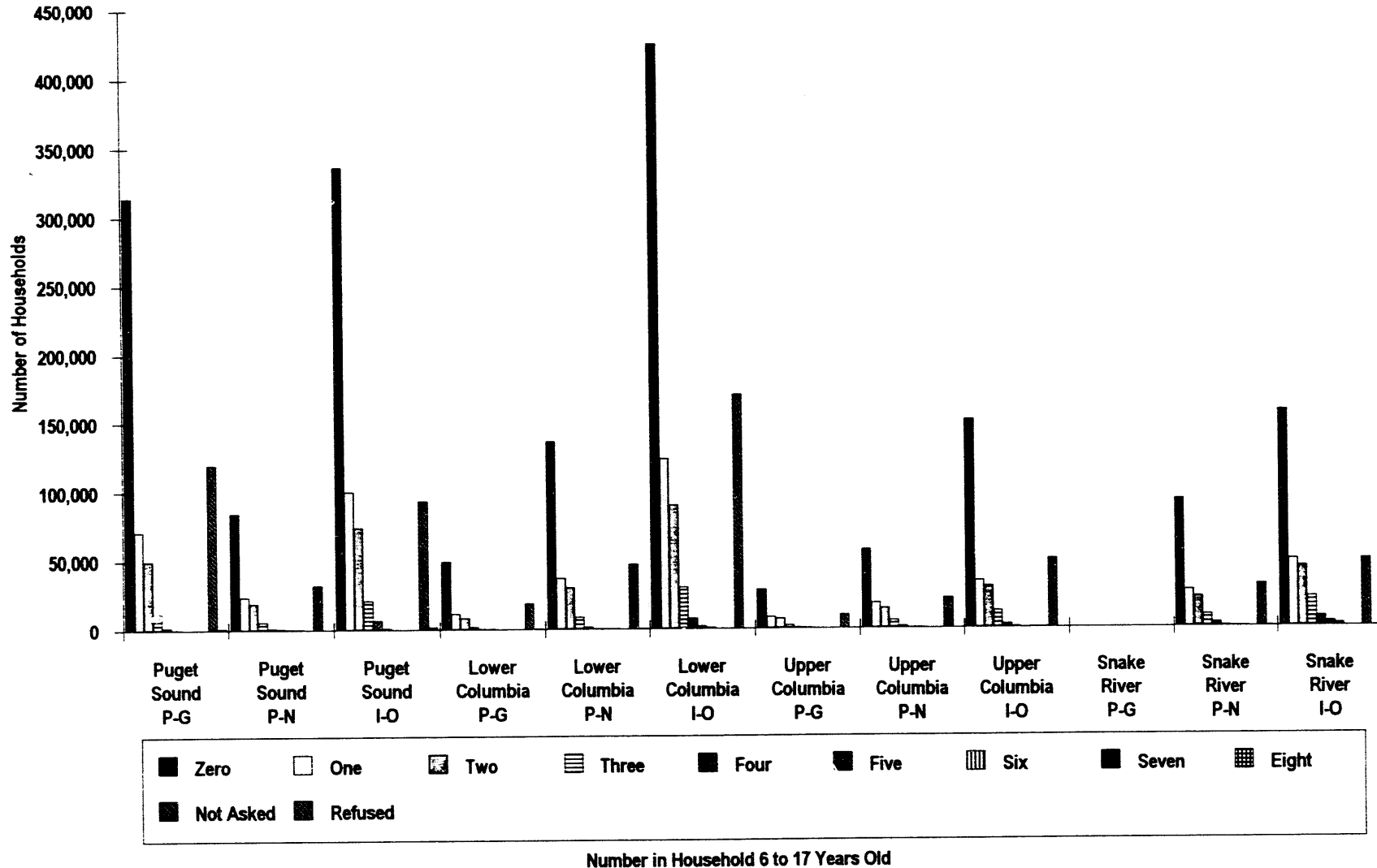
Weighted Data

NUMBER IN HOUSEHOLD 6 TO 17 YEARS OLD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	314,408	84,648	336,436	49,236	136,229	425,239	28,017	57,000	151,419	N/A	92,906	157,203	1,832,739
One	71,051	23,667	100,073	11,462	37,014	123,638	8,501	18,406	34,146	N/A	26,604	48,826	503,387
Two	49,770	19,020	74,340	8,340	30,155	89,918	7,187	14,350	30,228	N/A	21,574	43,579	388,461
Three	11,670	5,808	20,968	1,873	8,869	29,973	2,162	5,704	12,315	N/A	8,688	21,219	129,249
Four	2,059	1,162	6,672	535	1,419	7,493	847	1,560	2,519	N/A	2,993	7,073	34,332
Five	343	581	953	178	355	1,873	205	446	840	N/A	873	3,194	9,841
Six	0	145	0	0	237	937	29	178	0	N/A	457	2,053	4,037
Seven	0	145	0	0	237	0	0	0	280	N/A	208	0	869
Eight	0	0	0	0	0	0	0	0	280	N/A	42	0	321
Not Asked	119,447	31,797	93,401	18,731	46,947	170,470	9,728	21,615	49,820	N/A	30,969	48,826	641,752
Refused	1,030	0	1,906	89	473	0	29	45	0	N/A	249	0	3,821
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-74B: Number in Household 6 to 17 Years Old by Area Office

Q174B: How many of the people who live in your home are between 6 and 17 years old?



Not Asked: Respondents were not asked this question if they answered Q172 'One', 'Don't Know', or 'Refused'



Table D-74C: Number in Household 18 to 64 Years Old by Area Office

Q174C: How many of the people who live in your home are between 18 and 64 years old?

Raw Data

NUMBER IN HOUSEHOLD 18 TO 64 YEARS OLD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	109	152	56	158	211	89	204	239	95	N/A	420	113	1,846
One	125	113	50	146	194	70	165	265	85	N/A	388	122	1,723
Two	862	545	361	1,042	1,168	449	1,059	1,432	530	N/A	2,474	810	10,732
Three	146	89	72	193	191	87	143	207	103	N/A	339	157	1,727
Four	46	23	23	48	48	24	26	40	13	N/A	75	31	397
Five	13	5	4	7	2	3	4	3	2	N/A	10	3	56
Six	1	3	0	6	0	1	3	1	1	N/A	4	4	24
Seven	2	0	0	1	0	1	0	2	0	N/A	2	0	8
Eight	3	0	0	1	0	0	0	0	0	N/A	0	1	5
Nine	1	0	0	1	0	0	1	0	0	N/A	0	0	3
Ten	1	0	0	0	0	0	0	0	0	N/A	0	0	1
Twelve	1	0	0	0	0	0	0	1	0	N/A	0	0	2
Thirteen	0	0	0	1	0	0	0	0	0	N/A	0	0	1
Eighteen	0	0	0	0	0	0	0	1	0	N/A	0	0	1
Nineteen	0	0	0	1	0	0	0	0	0	N/A	0	0	1
Twenty	0	0	0	1	0	0	0	0	0	N/A	0	0	1
Not Asked	348	219	98	420	397	182	333	485	178	N/A	745	214	3,619
Refused	2	1	2	2	4	1	3	1	0	N/A	7	0	23
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Table D-74C: Number in Household 18 to 64 Years Old by Area Office

Q174C: How many of the people who live in your home are between 18 and 64 years old?

Weighted Data

NUMBER IN HOUSEHOLD 18 TO 64 YEARS OLD	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	37,413	22,069	53,372	7,046	24,952	83,362	5,960	10,651	26,589	N/A	17,459	25,782	314,656
One	42,905	16,407	47,654	6,511	22,941	65,565	4,820	11,810	23,790	N/A	16,129	27,836	286,369
Two	295,873	79,131	344,060	46,471	138,121	420,556	30,938	63,819	148,340	N/A	102,840	184,810	1,854,959
Three	50,113	12,922	68,621	8,607	22,587	81,488	4,178	9,225	28,828	N/A	14,092	35,821	336,483
Four	15,789	3,339	21,921	2,141	5,676	22,480	760	1,783	3,639	N/A	3,118	7,073	87,717
Five	4,462	726	3,812	312	237	2,810	117	134	560	N/A	416	684	14,270
Six	343	436	0	268	0	937	88	45	280	N/A	166	913	3,474
Seven	686	0	0	45	0	937	0	89	0	N/A	83	0	1,840
Eight	1,030	0	0	45	0	0	0	0	0	N/A	0	228	1,302
Nine	343	0	0	45	0	0	29	0	0	N/A	0	0	417
Ten	343	0	0	0	0	0	0	0	0	N/A	0	0	343
Twelve	343	0	0	0	0	0	0	45	0	N/A	0	0	388
Thirteen	0	0	0	45	0	0	0	0	0	N/A	0	0	45
Eighteen	0	0	0	0	0	0	0	45	0	N/A	0	0	45
Nineteen	0	0	0	45	0	0	0	0	0	N/A	0	0	45
Twenty	0	0	0	45	0	0	0	0	0	N/A	0	0	45
Not Asked	119,447	31,797	93,401	18,731	46,947	170,470	9,728	21,615	49,820	N/A	30,969	48,826	641,752
Refused	686	145	1,906	89	473	937	88	45	0	N/A	291	0	4,660
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-74C: Number in Household 18 to 64 Years Old by Area Office

Q174C: How many of the people who live in your home are between 18 and 64 years old?

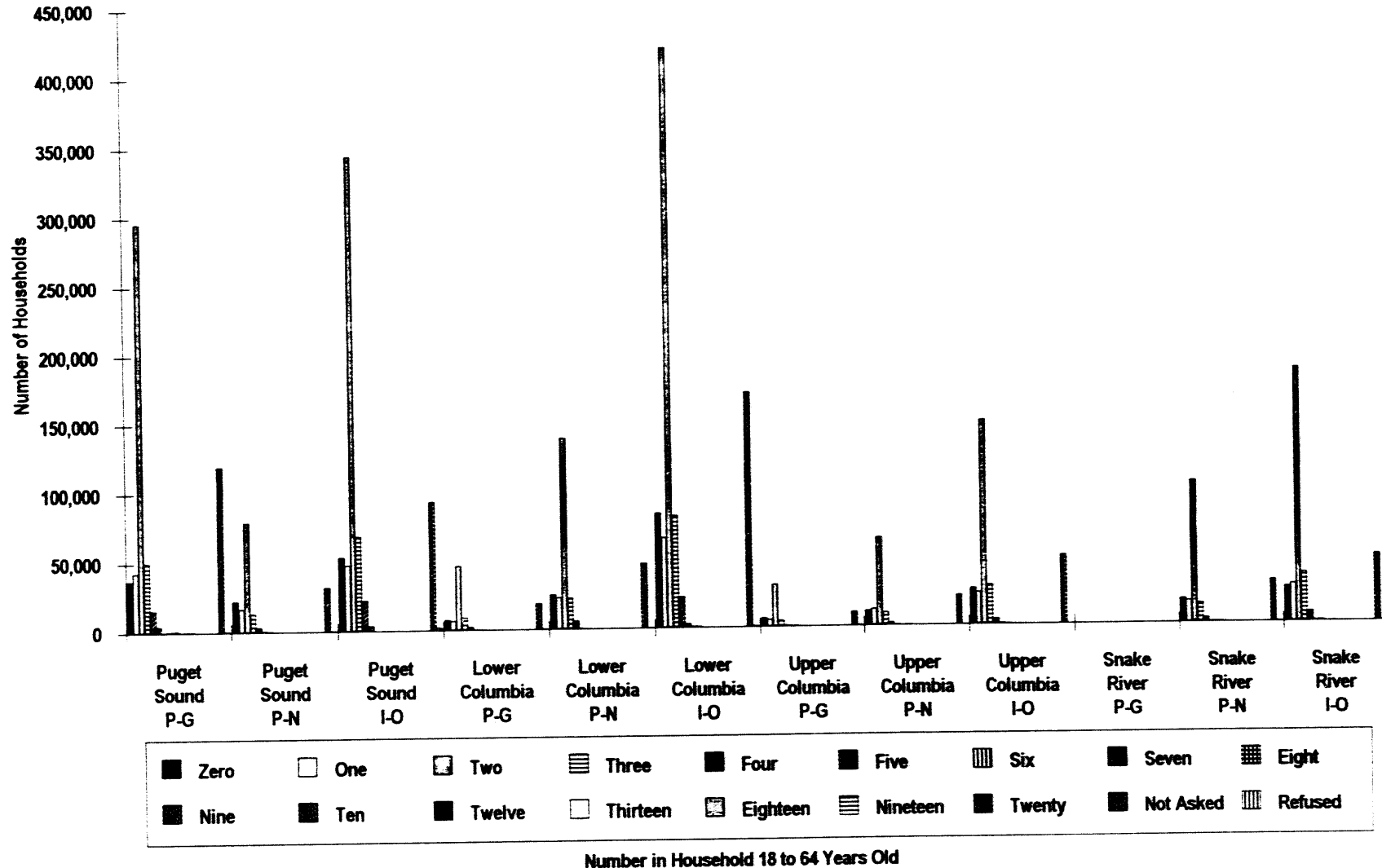


Table D-74D: Number in Household Age 65 and Over by Area Office

Q174D: How many of the people who live in your home are 65 and over?

Raw Data

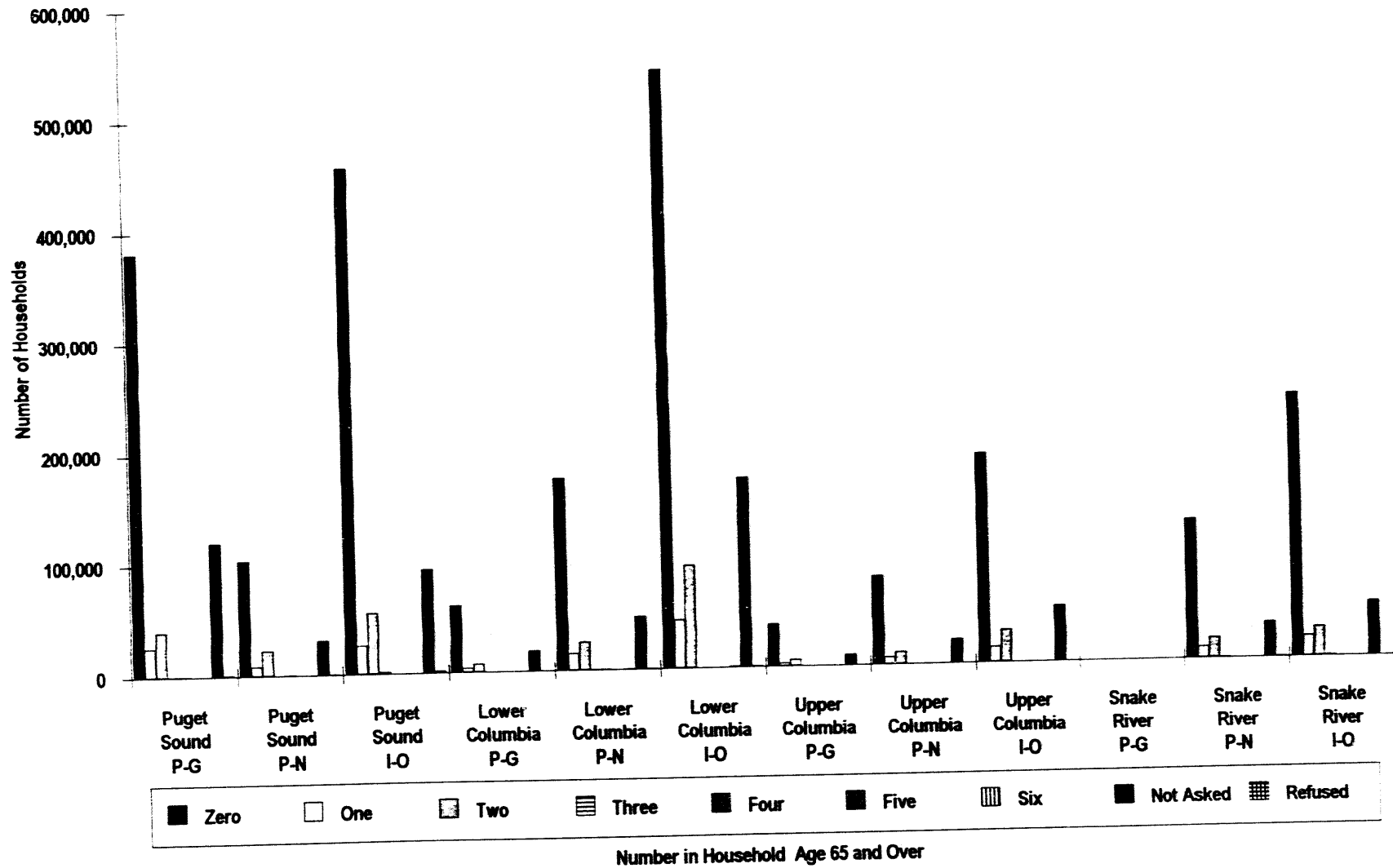
NUMBER IN HOUSEHOLD AGE 65 AND OVER	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	1,113	712	479	1,351	1,460	578	1,291	1,782	675	N/A	3,012	1,042	13,495
One	77	57	28	80	129	46	100	149	51	N/A	243	81	1,041
Two	118	160	57	171	221	99	213	256	103	N/A	443	114	1,955
Three	1	0	2	2	3	0	1	2	0	N/A	11	4	26
Four	1	1	0	0	1	0	0	1	0	N/A	2	0	6
Five	0	0	0	1	0	0	0	0	0	N/A	1	0	2
Six	0	0	0	1	1	1	0	0	0	N/A	0	0	3
Not Asked	348	219	98	420	397	182	333	485	178	N/A	745	214	3,619
Refused	2	1	2	2	3	1	3	2	0	N/A	7	0	23
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

NUMBER IN HOUSEHOLD AGE 65 AND OVER	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Zero	382,026	103,378	456,523	60,251	172,652	541,383	37,716	79,417	188,924	N/A	125,204	237,744	2,385,218
One	26,429	8,276	26,686	3,568	15,255	43,086	2,921	6,640	14,274	N/A	10,101	18,481	175,718
Two	40,502	23,231	54,325	7,626	26,134	92,728	6,223	11,409	28,828	N/A	18,415	26,010	335,432
Three	343	0	1,906	89	355	0	29	89	0	N/A	457	913	4,182
Four	343	145	0	0	118	0	0	45	0	N/A	83	0	734
Five	0	0	0	45	0	0	0	0	0	N/A	42	0	86
Six	0	0	0	45	118	937	0	0	0	N/A	0	0	1,100
Not Asked	119,447	31,797	93,401	18,731	46,947	170,470	9,728	21,615	49,820	N/A	30,969	48,826	641,752
Refused	686	145	1,906	89	355	937	88	89	0	N/A	291	0	4,586
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-74D: Number in Household Age 65 and Over by Area Office
 Q174D: How many of the people who live in your home are 65 and over?



Not Asked Respondents were not asked this question if they answered Q172 'One', 'Don't Know', or 'Refused'

Table D-75: Respondent's Education Level by Area Office

Q179: What is the highest level of education that you have completed?

Raw Data

RESPONDENT'S EDUCATION LEVEL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Grade School	10	6	4	9	19	12	31	26	6	N/A	41	14	178
Some High School	66	88	35	80	157	63	173	221	66	N/A	342	111	1,402
High School Graduate	377	394	185	423	689	286	604	970	335	N/A	1,431	471	6,165
Some College	481	350	187	656	691	250	580	698	265	N/A	1,244	425	5,827
College Graduate	620	253	224	783	537	250	435	633	291	N/A	1,174	357	5,557
Trade or Technical School	71	38	19	55	76	26	79	95	29	N/A	152	49	689
Don't Know	5	2	1	4	5	2	10	6	3	N/A	14	4	56
Refused	30	19	11	18	41	18	29	28	12	N/A	66	24	296
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

RESPONDENT'S EDUCATION LEVEL	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Grade School	3,432	871	3,812	401	2,247	11,240	906	1,159	1,679	N/A	1,704	3,194	30,646
Some High School	22,654	12,777	33,358	3,568	18,566	59,009	5,054	9,849	18,473	N/A	14,216	25,326	222,849
High School Graduate	129,401	57,206	176,319	18,865	81,477	267,882	17,645	43,229	93,762	N/A	59,485	107,464	1,052,736
Some College	165,098	50,818	178,225	29,256	81,714	234,162	16,944	31,107	74,170	N/A	51,711	96,968	1,010,175
College Graduate	212,809	36,734	213,489	34,920	63,503	234,162	12,708	28,210	81,447	N/A	48,801	81,453	1,048,237
Trade or Technical School	24,370	5,517	18,108	2,453	8,987	24,353	2,308	4,234	8,117	N/A	6,318	11,180	115,946
Don't Know	1,716	290	953	178	591	1,873	292	267	840	N/A	582	913	8,496
Refused	10,297	2,759	10,484	803	4,848	16,860	847	1,248	3,359	N/A	2,744	5,476	59,724
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-75: Respondent's Education Level by Area Office

Q179: What is the highest level of education that you have completed?

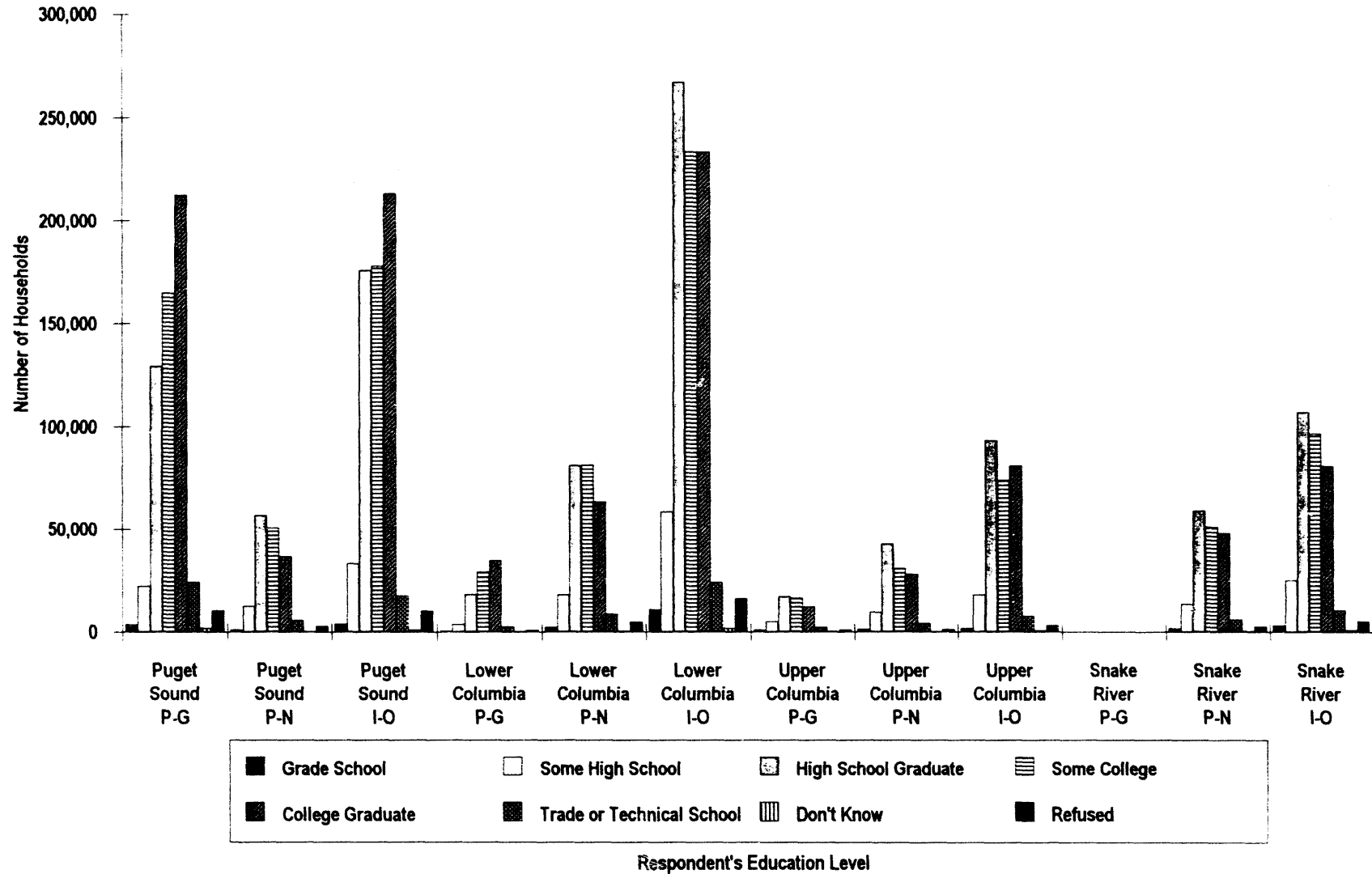


Table D-76: 1991 Household Income by Area Office, Above/Below \$25,000

Q186: Was your total household income before taxes for 1991 above or below \$25,000?

Raw Data

1991 HOUSEHOLD INCOME	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Below \$25,000	417	410	134	713	737	335	679	1,227	415	N/A	1,494	527	7,088
\$25,000 or Above	979	586	422	1,067	1,177	463	984	1,148	455	N/A	2,434	742	10,457
Don't Know	79	53	38	83	105	34	103	109	52	N/A	196	76	928
Refused	185	101	72	165	196	75	175	193	85	N/A	340	110	1,697
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Weighted Data

1991 HOUSEHOLD INCOME	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Below \$25,000	143,131	59,529	127,712	31,798	87,154	313,778	19,837	54,683	116,153	N/A	62,103	120,241	1,136,118
\$25,000 or Above	336,032	85,084	402,198	47,586	139,186	433,669	28,747	51,162	127,348	N/A	101,178	169,295	1,921,484
Don't Know	27,116	7,695	36,217	3,702	12,417	31,846	3,009	4,858	14,554	N/A	8,147	17,340	166,901
Refused	63,499	14,665	68,621	7,359	23,178	70,249	5,113	8,601	23,790	N/A	14,133	25,098	324,306
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-76: 1991 Household Income by Area Office, Above/Below \$25,000

Q186: Was your total household income before taxes for 1991 above or below \$25,000?

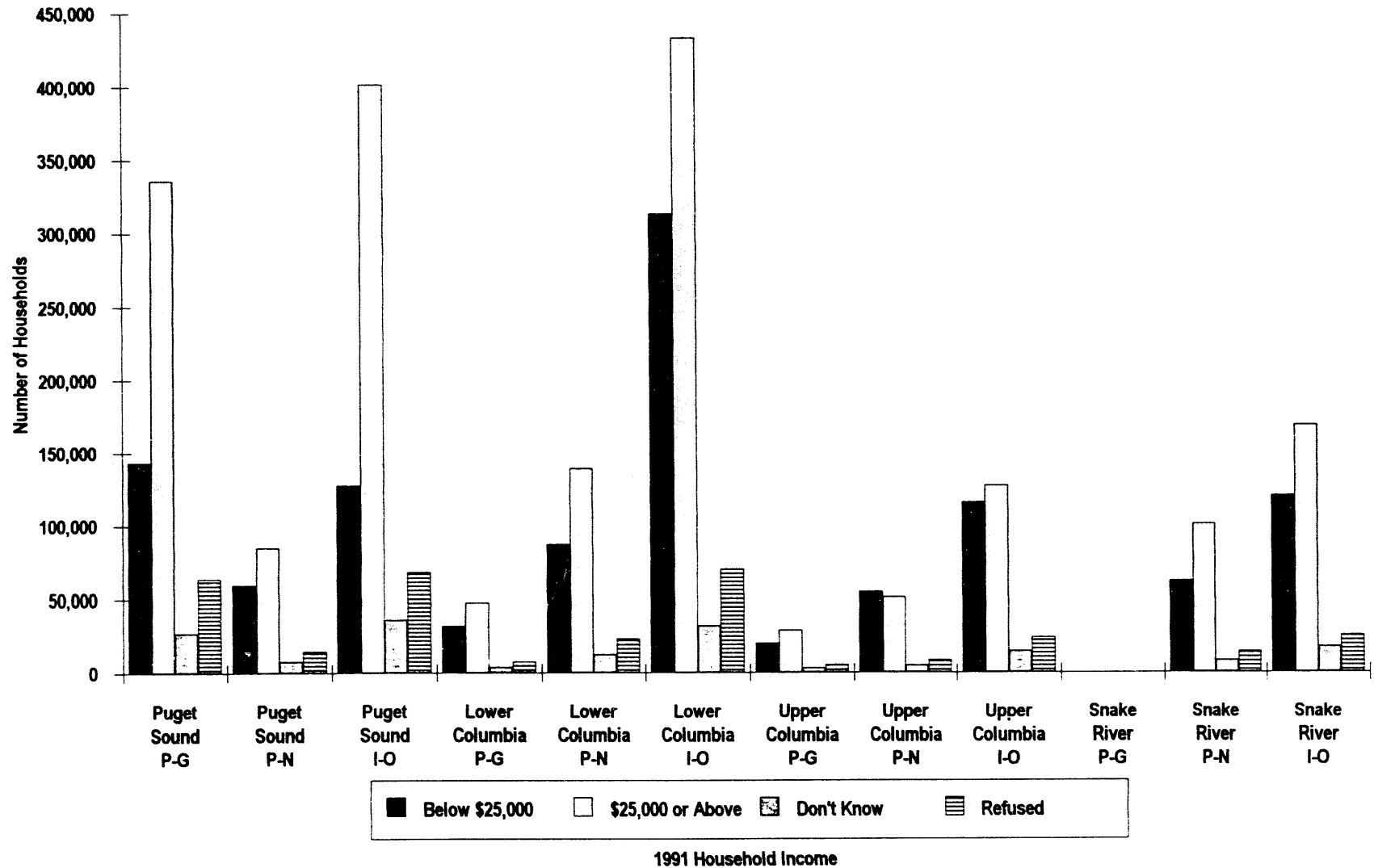


Table D-77: Household Income by Area Office
Q188 and Q189: What is your household income?

Raw Data

HOUSEHOLD INCOME	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Below \$5,000	33	20	12	70	56	22	39	94	26	N/A	86	33	491
\$5,000 to < \$10,000	62	73	11	124	129	58	107	196	64	N/A	260	80	1,164
\$10,000 to < \$15,000	87	97	27	158	155	66	148	270	79	N/A	323	107	1,517
\$15,000 to < \$20,000	108	85	27	134	146	79	116	249	100	N/A	321	126	1,491
\$20,000 to < \$25,000	94	98	42	161	189	85	201	312	119	N/A	360	135	1,796
\$25,000 to < \$30,000	156	134	75	205	229	85	217	317	120	N/A	488	147	2,173
\$30,000 to < \$40,000	243	149	93	300	317	122	284	335	131	N/A	682	214	2,870
\$40,000 to < \$50,000	181	111	70	187	232	90	167	193	76	N/A	407	143	1,857
\$50,000 to < \$60,000	110	52	62	114	127	43	106	103	37	N/A	262	91	1,107
\$60,000 to < \$80,000	110	45	51	98	105	37	67	65	31	N/A	204	48	861
\$80,000 to < \$100,000	52	12	11	42	25	21	36	22	7	N/A	92	27	347
\$100,000 or More	35	25	13	39	44	24	32	27	19	N/A	70	20	348
Not Asked	264	154	110	248	301	109	278	302	137	N/A	536	186	2,625
Don't Know	41	41	19	74	62	26	70	94	33	N/A	182	49	691
Refused	84	54	43	74	98	40	73	98	28	N/A	191	49	832
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

Table D-77: Household Income by Area Office

Q188 and Q189: What is your household income?

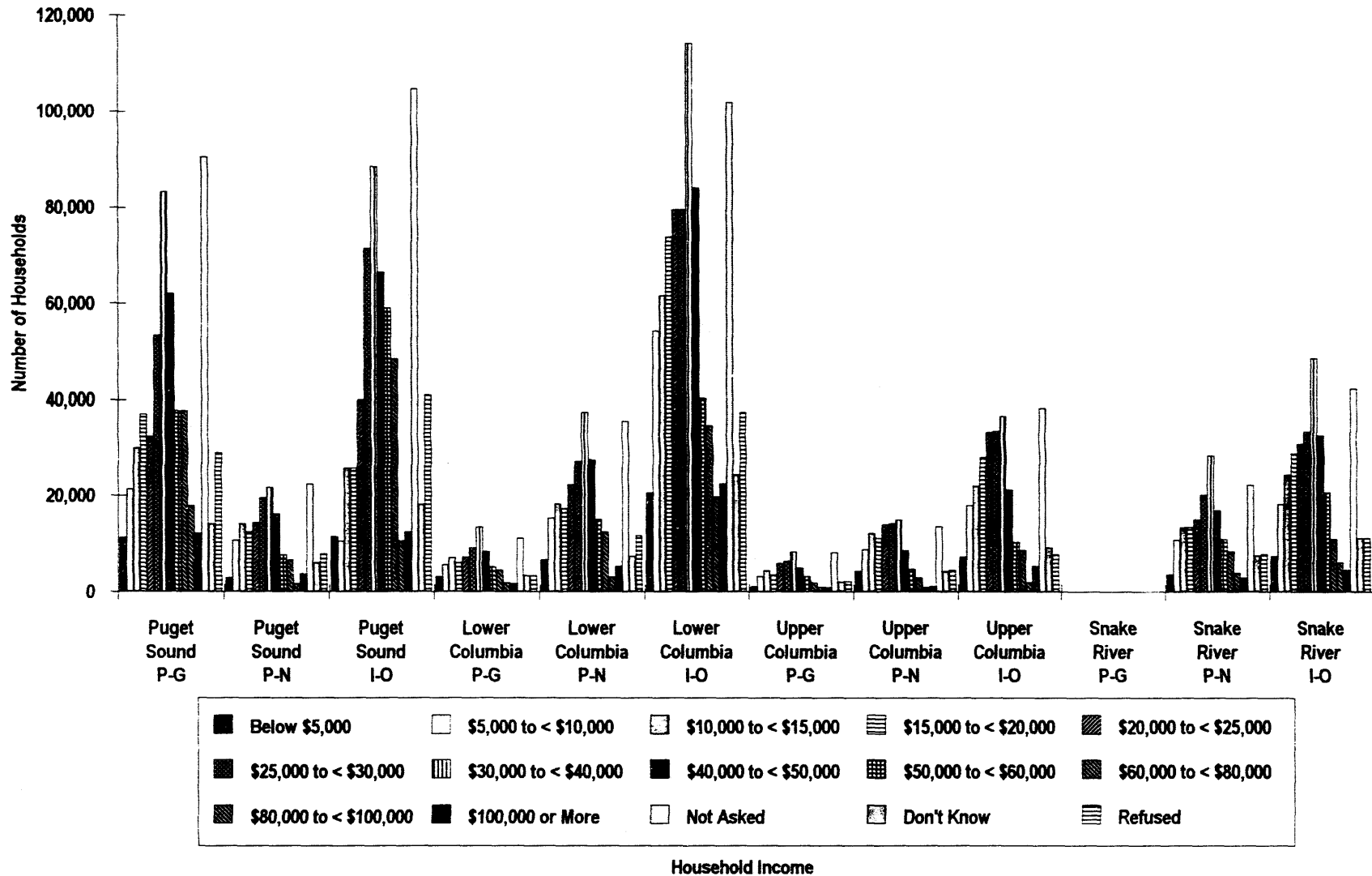
Weighted Data

HOUSEHOLD INCOME	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Below \$5,000	11,327	2,904	11,437	3,122	6,622	20,606	1,139	4,189	7,277	N/A	3,575	7,529	79,728
\$5,000 to < \$10,000	21,281	10,599	10,484	5,530	15,255	54,326	3,126	8,735	17,913	N/A	10,808	18,253	176,309
\$10,000 to < \$15,000	29,862	14,084	25,733	7,046	18,329	61,819	4,324	12,033	22,111	N/A	13,427	24,413	233,181
\$15,000 to < \$20,000	37,070	12,341	25,733	5,976	17,265	73,995	3,389	11,097	27,989	N/A	13,343	28,748	256,947
\$20,000 to < \$25,000	32,265	14,229	40,029	7,180	22,350	79,615	5,872	13,905	33,307	N/A	14,965	30,802	294,518
\$25,000 to < \$30,000	53,545	19,456	71,481	9,143	27,080	79,615	6,340	14,128	33,586	N/A	20,285	33,540	368,199
\$30,000 to < \$40,000	83,407	21,634	88,636	13,379	37,487	114,271	8,297	14,930	36,665	N/A	28,350	48,826	495,882
\$40,000 to < \$50,000	62,126	16,117	66,715	8,340	27,435	84,298	4,879	8,601	21,271	N/A	16,918	32,627	349,328
\$50,000 to < \$60,000	37,756	7,550	59,091	5,084	15,018	40,276	3,097	4,590	10,356	N/A	10,891	20,763	214,472
\$60,000 to < \$80,000	37,756	6,534	48,607	4,371	12,417	34,656	1,957	2,897	8,676	N/A	8,480	10,952	177,303
\$80,000 to < \$100,000	17,848	1,742	10,484	1,873	2,956	19,670	1,052	980	1,959	N/A	3,824	6,160	68,550
\$100,000 or More	12,013	3,630	12,390	1,739	5,203	22,480	935	1,203	5,318	N/A	2,910	4,563	72,384
Not Asked	90,615	22,360	104,838	11,060	35,595	102,095	8,122	13,459	38,344	N/A	22,281	42,438	491,207
Don't Know	14,073	5,953	16,108	3,300	7,332	24,353	2,045	4,189	9,236	N/A	7,565	11,180	107,335
Refused	28,832	7,840	40,982	3,300	11,589	37,466	2,133	4,367	7,837	N/A	7,940	11,180	163,466
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-77: Household Income by Area Office

Q188 and Q189: What is your household income?



Not Asked: Respondents were not asked this question if they answered Q186 'Don't Know' or 'Refused'.

Table D-78: Authorize Billing Information by Area Office

Q192: Would you be willing to authorize your utility(ies) to provide us information on the amounts of fuel you use?

Raw Data

AUTHORIZE BILLING INFORMATION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	929	727	388	1,283	1,378	577	1,173	1,744	632	N/A	2,968	914	12,713
No	594	349	218	609	684	269	597	683	294	N/A	1,166	423	5,886
Do Not Use Electric/Gas Co. Services	14	5	1	9	7	1	15	27	5	N/A	17	8	109
Don't Know	98	56	42	96	111	45	121	171	57	N/A	251	86	1,134
Refused	25	13	17	31	35	15	35	52	19	N/A	62	24	328
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

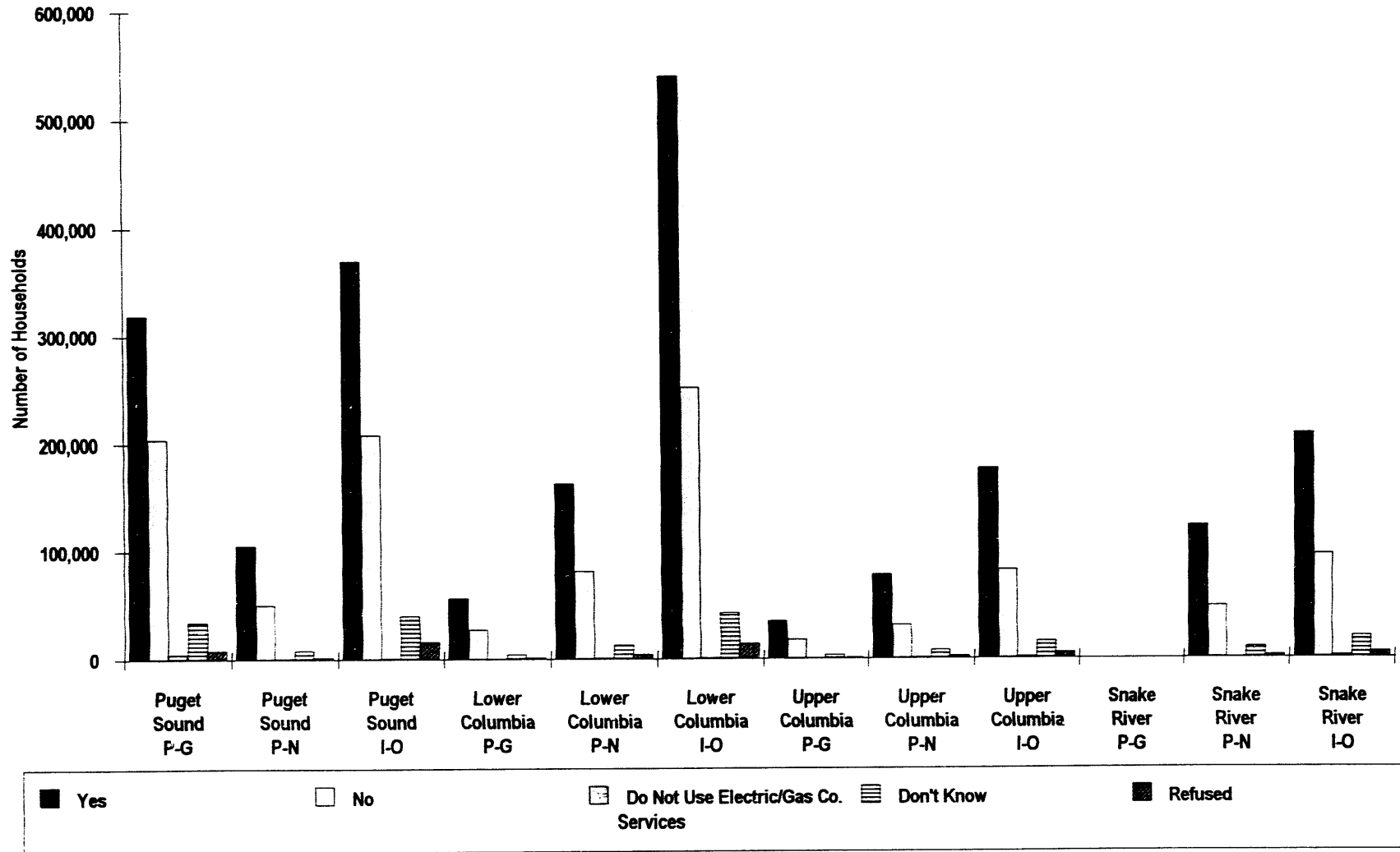
Weighted Data

AUTHORIZE BILLING INFORMATION	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	318,870	105,556	369,793	57,219	162,955	540,447	34,268	77,724	176,888	N/A	123,375	208,539	2,175,634
No	203,884	50,673	207,770	27,160	80,886	251,959	17,441	30,439	82,287	N/A	48,469	96,512	1,097,480
Do Not Use Electric/Gas Co. Services	4,805	726	953	401	828	937	438	1,203	1,399	N/A	707	1,825	14,223
Don't Know	33,638	8,131	40,029	4,281	13,126	42,149	3,535	7,621	15,954	N/A	10,434	19,622	198,519
Refused	8,581	1,888	16,202	1,383	4,139	14,050	1,023	2,317	5,318	N/A	2,577	5,476	62,953
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-78: Authorize Billing Information by Area Office

Q192: Would you be willing to authorize your utility(ies) to provide us information on the amounts of fuel you use?



Authorize Billing Information

Table D-79: Willing to Grant In-Person Interview by Area Office

Q200: Can we re-contact you in about one year for an in-person interview?

Raw Data

WILLING TO GRANT IN-PERSON INTERVIEW	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	816	661	331	1,142	1,224	519	1,077	1,605	566	N/A	2,719	832	11,492
Probably	35	26	18	51	45	23	47	57	24	N/A	104	29	459
Probably Not	13	7	7	24	21	6	11	22	9	N/A	26	9	155
No	56	27	30	50	76	23	30	52	27	N/A	95	36	502
Not Asked	731	423	278	745	837	330	768	933	375	N/A	1,496	541	7,457
Don't Know	4	3	1	13	9	6	6	6	6	N/A	19	5	78
Refused	5	3	1	3	3	0	2	2	0	N/A	5	3	27
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

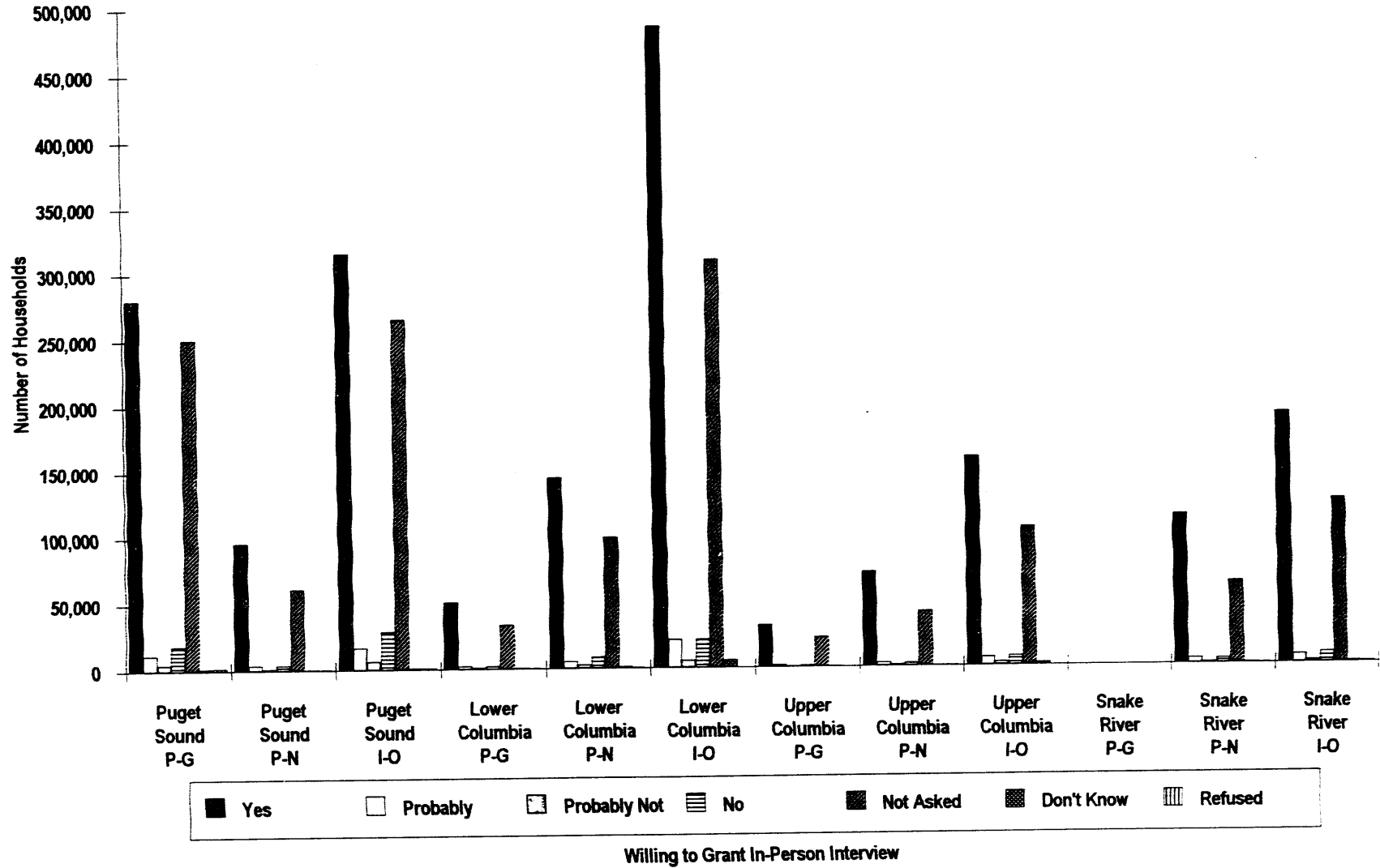
Weighted Data

WILLING TO GRANT IN-PERSON INTERVIEW	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Yes	280,084	95,973	315,468	50,930	144,744	486,121	31,464	71,529	158,416	N/A	113,025	189,830	1,937,583
Probably	12,013	3,775	17,155	2,274	5,321	21,543	1,373	2,540	6,717	N/A	4,323	6,617	83,653
Probably Not	4,462	1,016	6,672	1,070	2,483	5,620	321	980	2,519	N/A	1,081	2,053	28,279
No	19,221	3,920	28,592	2,230	8,987	21,543	876	2,317	7,557	N/A	3,949	8,214	107,408
Not Asked	250,908	61,417	264,955	33,225	98,979	309,094	22,437	41,580	104,958	N/A	62,186	123,435	1,373,175
Don't Know	1,373	436	953	580	1,064	5,620	175	267	1,679	N/A	790	1,141	14,078
Refused	1,716	436	953	134	355	0	58	89	0	N/A	208	684	4,633
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-79: Willing to Grant In-Person Interview by Area Office

Q200: Can we re-contact you in about one year for an in-person interview?



Not Asked: Respondents were asked this question if they answered Q192 'Yes'

Table D-80: Respondent's Gender by Area Office
(Indicated by interviewer)

Raw Data

RESPONDENT'S GENDER	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Male	768	495	294	887	904	390	828	1,127	422	N/A	1,884	607	8,606
Female	892	655	372	1,141	1,311	517	1,113	1,550	585	N/A	2,580	848	11,564
TOTAL	1,660	1,150	666	2,028	2,215	907	1,941	2,677	1,007	N/A	4,464	1,455	20,170

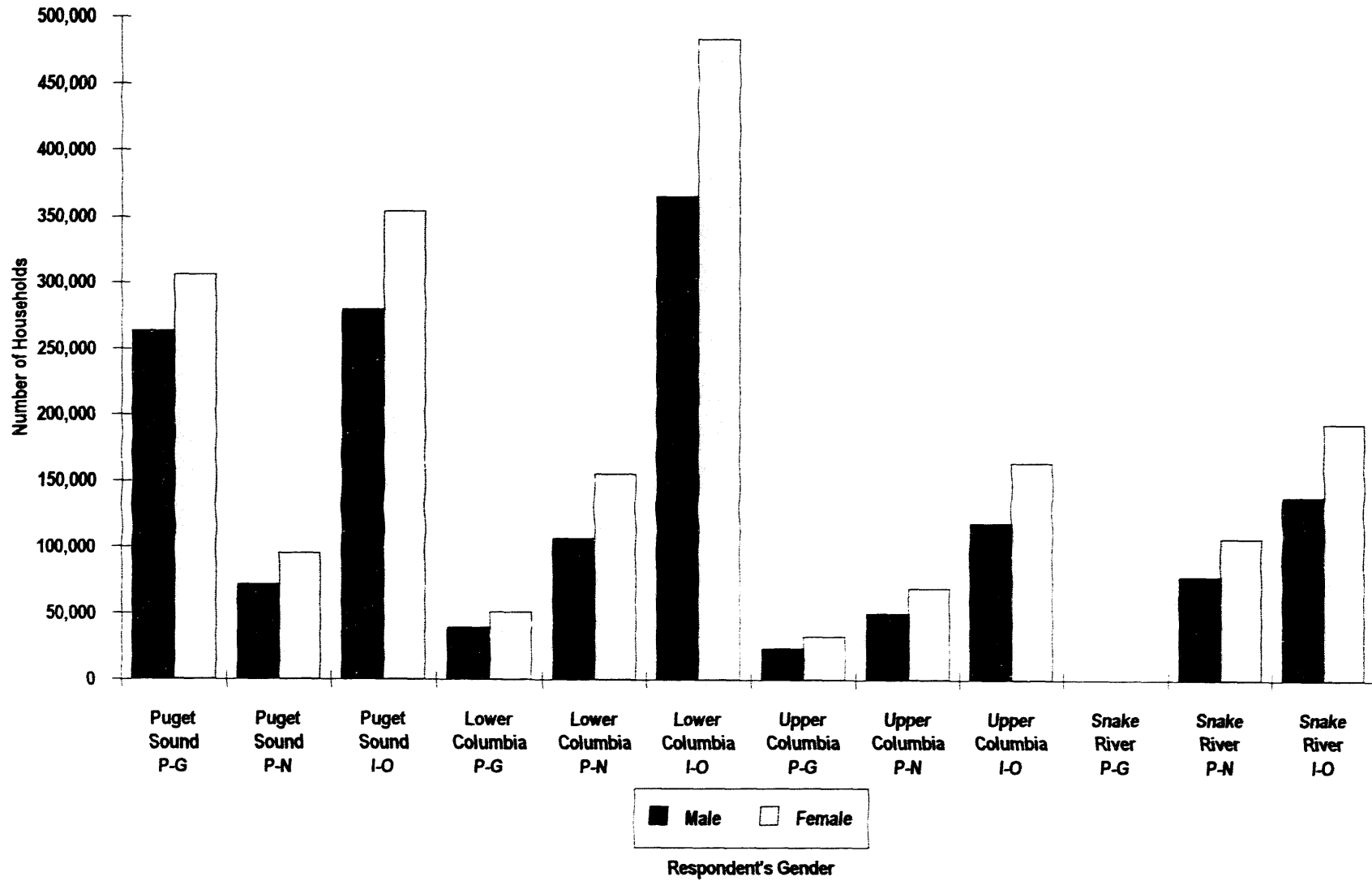
Weighted Data

RESPONDENT'S GENDER	Puget Sound			Lower Columbia			Upper Columbia			Snake River			TOTAL
	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	P-G	P-N	I-O	
Male	263,608	71,871	280,204	39,558	106,902	365,293	24,189	50,226	118,112	N/A	78,315	138,494	1,536,773
Female	306,170	95,102	354,544	50,886	155,032	484,248	32,516	69,078	163,734	N/A	107,247	193,480	2,012,035
TOTAL	569,778	166,973	634,748	90,444	261,934	849,541	56,705	119,304	281,846	N/A	185,562	331,974	3,548,809

Weighted Data

Chart D-80: Respondent's Gender by Area Office

(Indicated by interviewer)



PNWRES92-I Primary Documentation Series

- Book 1: Volumes A and B.** The Executive Summary, the Concordance, and the Glossary (A) and the Report on Methodology and the Technical Appendix (B).
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- Book 3: Volume D.** Item-by-item crosstabulations for the four Bonneville Area Offices (Puget Sound, Lower Columbia, Upper Columbia, and Snake River).
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- Book 7: Volumes J, K, L, M, N, and O.** Selected crosstabulations for the six publicly-owned *non-generating* utility domains: Western Montana (J), Idaho (K), Eastern Washington (L), Western Washington (M), Eastern Oregon (N), and Western Oregon (O).
- Book 8: Volumes P, Q, R, S, T, and U.** Selected crosstabulations for the six investor-owned utility domains: Western Montana (P), Idaho (Q), Eastern Washington (R), Western Washington (S), Eastern Oregon (T), and Western Oregon (U).
- Book 9: Volumes V, W, X and Y.** Selected crosstabulations for Bonneville's four Area Offices: Puget Sound (V), Lower Columbia (W), Upper Columbia (X), and Snake River (Y).
- Book 10: Volumes Z, AA, AB, and AC.** Selected crosstabulations for the four states served by Bonneville: Washington (Z), Oregon (AA), Idaho (AB), and Western Montana (AC).
- Book 11: Volumes AD, AE, and AF.** Selected crosstabulations for the three categories of utilities in the Pacific Northwest: Public Generating (AD), Public Non-Generating (AE), and Investor-Owned (AF).
- Book 12: Volume AG.** A report of a post-survey of PNWRES92-I non-respondents (conducted in late Spring 1993) and their reason(s) for not completing the original survey.

END

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