# Residential Homestead Property Tax Burden Report <br> Taxes Payable 2008 

MINNESOTA•REVENUE
Property Tax Division
1/11/2011

The 2008 Legislature appropriated $\$ 200,000$ for the Department of Revenue to develop and maintain a database of the property taxes paid and income earned by Minnesota homesteaders. This report provides summary information about homestead property values and property taxes for taxes payable in 2008 and the 2007 incomes of homesteaders. While the Legislature provided one-time funding for this project, the department intends to maintain the database and provide periodic reports on an ongoing basis

## 1 Contents

1 Contents. ..... ii
2 Introduction ..... 4
2.1 Important Factors that Determine Homestead Property Taxes ..... 4
2.2 Data Compilation Process ..... 5
2.3 Excluded Records ..... 5
2.4 Main Data Elements ..... 6
2.5 Payable 2008 Median Values by Region ..... 8
3 Regional Profiles ..... 9
Greater Minnesota Composition ..... 9
Metro Composition ..... 9
3.1 Statewide ..... 12
3.2 Greater Minnesota ..... 13
3.3 Metro ..... 14
3.4 Arrowhead ..... 15
3.5 Central ..... 16
3.6 East Central ..... 17
3.7 Minnesota Valley ..... 18
3.8 North Central ..... 19
3.9 Northwest/Headwaters ..... 20
3.10 South Central ..... 21
3.11 Southeast ..... 22
3.12 Southwest ..... 23
3.13 West Central. ..... 24
3.14 Anoka ..... 25
3.15 Carver/Scott ..... 26
3.16 Dakota ..... 27
3.17 Minneapolis ..... 28
3.18 North Hennepin ..... 29
3.19 Saint Paul ..... 30
3.20 Southeast Hennepin ..... 31
3.21 Southwest Hennepin ..... 32
3.22 Suburban Ramsey ..... 33
3.23 Washington. ..... 34
4 Variable Profiles ..... 35
4.1 Estimated Market Value ..... 36
4.2 Homestead Market Value Credit ..... 38
4.3 Property Tax Refund ..... 40
4.4 Net Tax ..... 42
4.5 Effective Tax Rate ..... 44
4.6 Homestead Income ..... 46
4.7 EMV / Income Ratio ..... 48
4.8 Burden after PTR ..... 50
5 Property Tax Burden as a Percent of Income ..... 53
5.1 Greater Minnesota - Median Burden by Income ..... 54
5.2 Metro - Median Burden by Income. ..... 55
5.3 Greater Minnesota - Burdens Greater than 5\% by Income ..... 56
5.4 Metro - Burdens Greater than 5\% by Income ..... 58

## 2 Introduction

This is the second annual publication of the Residential Homestead Property Tax Burden Report (first published in Nov. 2009). The report profiles 20 regions in Minnesota based on residential homestead property tax (payable in 2008) and income (earned in 2007). The regions roughly correspond to the state's economic development regions. The underlying data were collected by the Minnesota Department of Revenue and compiled in the property tax-income database, or "Voss database."

For each homestead in the state, the Voss database contains data on estimated market value, state-paid property tax refunds, net property tax, and homesteader income. This information is used to calculate:

- The effective tax rate (property tax as a percent of market value)
- The ratio of estimated market value to income (a measure of housing consumption)
- The property tax burden as a percent of income

These measures allow a basic comparison of property taxation, but they alone do not address the question, "What is the correct level of taxation?"

### 2.1 Important Factors that Determine Homestead Property Taxes

The property tax levied on a homestead results from a complicated interaction of socioeconomic factors, state and federal aid policies, tax laws, and community preferences. Among the most important factors are:

- Level of public services: The level of public spending varies across the state. Townships generally provided fewer services than cities. Community size and density, population age, and crime levels are a few of the things that affect community preferences for public goods and services.
- Intergovernmental aid and use of other non-property tax resources: Local government dependency on the property tax is determined, in part, by the amount of aid received from the state and federal governments and by the extent to which fees, charges, local sales taxes, and other non-property tax revenues are used to finance local services.
- Tax base composition and property tax classification system: Both the amount of non-homestead property as well as state laws establishing the relative share of market value subject to tax (i.e., property classification or tax capacity rates) profoundly impact the extent to which taxes are paid by homesteaders rather than owners of other types of property.
- Property tax refunds: Final property tax liability is reduced if the homesteader qualifies for a state paid refund.
- Regional economy: The regional and local economies affect the mix of properties, market values, jobs, wages, and the supply and demand for housing.
- Assessment practices: Fair and equitable property taxes are fundamentally dependent on an accurate assessment of each property's market value.

These factors are mentioned only as a reminder that property tax analysis is complicated; the purpose is not to explain the precise role of each of them. The information presented in this report may appear straightforward and self-explanatory on the surface. But the interaction of so many factors means that the underlying policy implications may be less apparent and therefore more challenging to explain.

### 2.2 Data Compilation Process

As part of an overall tax compliance program, the 1986 Minnesota Legislature passed M.S. sec. 273.124, subd. 13, requiring homeowners applying for homestead status on their property to file a homestead application with their county assessor. Homestead status is considered a tax compliance issue because homesteads benefit from reduced class rates, in addition to being eligible for certain tax credits and refunds. The format and content of homestead applications vary slightly among counties, but all must include the names and Social Security numbers of all owner occupants of a property receiving homestead status.

Each county is required to compile this homestead data into one file and submit it to the Department of Revenue. At the department's request, counties also include (i) the parcel identification number, (ii) the estimated market value, (iii) tax amount, (iv) location indicators, and (v) the homestead property type (i.e. residential, farm, or manufactured home).

The department compiles this data from all counties into a single dataset. The county lists of property owners' Social Security numbers are checked for duplicates or improper claims of homestead. The department then supplies a list to assessors in counties where the possibly improper claims were made. The county assessors investigate each property on the list to determine if the homestead classification was improperly claimed.

The requirement (in 1986) to report Social Security numbers provided the groundwork for linking property tax and income data. In 1987, the Legislature passed a law to mandate tracking of this linked data in what is often called the "Voss Database" (after Rep. Gordon Voss, who sponsored the legislation).

### 2.3 Excluded Records

- 81 of the 87 counties submitted the data necessary to complete this report. Homesteads in Blue Earth, Chisago, Grant, Houston, Pope, and Wabasha counties are excluded from the analysis. Many of the 81 counties that submitted records for
every homestead provided information for only the homestead's base parcel. Rather than exclude these counties or combine their more limited records with multiple parcel data from other counties, this report's analysis is limited to each homestead's base parcel. The value of other chained parcels - along with their tax - is excluded. As a result, estimated market values and taxes are understated for homesteads that span several parcels.
- Farm and Manufactured homesteads are outside the scope of this report. A separate agricultural homestead supplemental report will be made available for taxes payable 2008.
- Relative homesteads, which are occupied by a qualifying relative of the property's owner, were also excluded from the study. This was done primarily because the actual burden of the property tax in a relative homestead arrangement is unknown and possibly not highly correlated to true financial distress.

These excluded records help explain why the Voss file totals show less in total residential homestead market value than the abstract of assessment. The discrepancy is due in part to some counties' reporting only base parcel information for each homestead, as noted above.

### 2.4 Main Data Elements

A brief description of the variables in this and the previous section is presented below:

- Estimated Market Value - The county assessor's full estimated market value of the homestead portion of each parcel (as of Jan. 2, 2007). Cases where the reported value was $\$ 0$ or less, or the field was blank, were not included in the study (about 2,000 records).
- Homestead Market Value Credit - A credit towards the property tax bill paid by the state to the counties. The amount (between $\$ 0-\$ 304$ per homestead) is based solely on market value. More than $90 \%$ of residential homesteads received some property tax relief via this credit.
- Property Tax Refund - The sum of the regular property tax refund and the targeted, or special, refund. The "No Refund" range represents instances where there was no match between the property tax and income files. Statewide about 350,000 residential homesteads received a property tax refund and 950,000 did not.
- Net Tax - The net property tax after property tax credits and refunds. The value is calculated by subtracting the regular and targeted refund amounts from the property tax refund qualifying amount reported by the county. The qualifying tax amount is used for calculating refunds and may differ from the actual property tax due on a parcel.
- Effective Tax Rate - The net property tax divided by the estimated market value. It is expressed as a percentage. In cases where a homestead's base parcel is splitclassed only the market value of the residential portion is included in the analysis.
- Homestead Income - The income of homesteaders. As with the PTR Income definition, both taxable and non-taxable income are counted. This includes nontaxable Social Security and pension income, interest income, workers' compensation, and public assistance, etc. About 3 percent of homestead records were excluded because they lacked any income information.
- EMV / Income Ratio - The ratio of the assessed value of the homestead to the income of the homesteader(s).
- Property Tax Burden - The Net Tax divided by Homestead Income.
2.5: Payable 2008 Median Values By Region



## 3 Regional Profiles

The composition of the 20 regions is detailed below and in the following two pages of maps. For further description of the variables summarized in the regional profiles see Section 4: Variable Profiles.

## Greater Minnesota Composition

Arrowhead - Aitkin, Cook, Itasca, Lake, St. Louis

Central - Benton, Sherburne, Stearns, Wright

East Central - Chisago, Isanti, Kanabec, Mille Lacs, Pine

Minnesota Valley - Big Stone, Chippewa, Kandiyohi, Lac qui Parle, McLeod, Meeker, Renville, Swift, Yellow Medicine

North Central - Cass, Crow Wing, Morrison, Todd, Wadena

Northwest/Headwaters - Beltrami, Clearwater, Hubbard, Kittson, Lake of the Woods, Mahnomen, Pennington, Polk, Red Lake, Roseau

South Central - Brown, Faribault, Le Sueur, Martin, Nicollet, Sibley, Waseca, Watonwan

Southeast - Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele, Wabasha, Winona

Southwest - Cottonwood, Jackson, Lincoln, Lyon, Murray, Nobles, Pipestone, Redwood, Rock

West Central - Becker, Clay, Douglas, Grant, Otter Tail, Pope, Stevens, Traverse, Wilkin

## Metro Composition

Anoka - Anoka County
Carver/Scott - Carver and Scott Counties
Dakota - Dakota County
Minneapolis - City of Minneapolis
North Hennepin - Cities of Brooklyn Center, Brooklyn Park, Champlin, Corcoran, Crystal, Dayton, Greenfield, Hanover, Hassan, Maple Grove, New Hope, Osseo, Robbinsdale, Rockford, Rogers, St. Anthony

Saint Paul - City of Saint Paul
Southeast Hennepin - Cities of Bloomington, Edina, Golden Valley, Hopkins, Richfield, St. Louis Park
Southwest Hennepin - Cities of Chanhassen, Deephaven, Eden Prairie, Excelsior, Greenwood, Independence, Long Lake, Loretto, Maple Plain, Medicine Lake, Medina, Minnetonka Beach, Minnetonka, Minnetrista, Mound, Orono, Plymouth, Shorewood, Spring Park, St. Bonifacius, Tonka Bay, Wayzata, Woodland
Suburban Ramsey - Cities of Arden Hills, Blaine, Falcon Heights, Gem Lake, Lauderdale, Little Canada, Maplewood, Mounds View, New Brighton, North Oaks, North Saint Paul, Roseville, Shoreview, Spring Lake Park, St. Anthony, Vadnais Heights, White Bear, White Bear Lake

Washington - Washington County


Figure 1 - Greater Minnesota Map


Figure 2 - Metro Map

### 3.1 Statewide

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 40,003 | 3.1\% | 0.15\% or less | 8,888 | 0.7\% |
| \$50,000-\$100,000 | 121,289 | 9.3\% | 0.15\%-0.30\% | 28,564 | 2.2\% |
| \$100,000-\$150,000 | 187,080 | 14.3\% | 0.30\%-0.45\% | 51,862 | 4.0\% |
| \$150,000-\$200,000 | 273,099 | 20.9\% | 0.45\%-0.60\% | 78,800 | 6.0\% |
| \$200,000-\$250,000 | 261,262 | 20.0\% | 0.60\%-0.75\% | 134,287 | 10.3\% |
| \$250,000-\$300,000 | 151,574 | 11.6\% | 0.75\%-0.90\% | 202,602 | 15.5\% |
| \$300,000-\$350,000 | 90,620 | 6.9\% | 0.90\%-1.05\% | 325,834 | 24.9\% |
| \$350,000-\$400,000 | 57,548 | 4.4\% | 1.05\%-1.20\% | 308,343 | 23.6\% |
| \$400,000-\$450,000 | 36,483 | 2.8\% | 1.20\%-1.35\% | 119,809 | 9.2\% |
| More than \$450,000 | 87,541 | 6.7\% | More than 1.35\% | 47,510 | 3.6\% |
| Total | 1,306,499 | 100.0\% | Total | 1,306,499 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 107,787 | 8.3\% | \$20,000 or less | 112,608 | 8.6\% |
| \$1-\$35 | 37,599 | 2.9\% | \$20,000-\$40,000 | 213,036 | 16.3\% |
| \$35-\$70 | 56,222 | 4.3\% | \$40,000-\$60,000 | 254,660 | 19.5\% |
| \$70-\$105 | 81,732 | 6.3\% | \$60,000-\$80,000 | 224,350 | 17.2\% |
| \$105-\$140 | 121,171 | 9.3\% | \$80,000-\$100,000 | 163,132 | 12.5\% |
| \$140-\$175 | 192,474 | 14.7\% | \$100,000-\$120,000 | 103,683 | 7.9\% |
| \$175-\$210 | 242,050 | 18.5\% | \$120,000-\$140,000 | 62,803 | 4.8\% |
| \$210-\$245 | 212,995 | 16.3\% | \$140,000-\$160,000 | 39,922 | 3.1\% |
| \$245-\$280 | 164,267 | 12.6\% | \$160,000-\$180,000 | 26,255 | 2.0\% |
| \$280-\$304 | 90,202 | 6.9\% | More than \$180,000 | 106,050 | 8.1\% |
| Total | 1,306,499 | 100.0\% | Total | 1,306,499 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 942,952 | 72.2\% | 1.0 or less | 69,667 | 5.3\% |
| \$1-\$200 | 75,314 | 5.8\% | 1.0-2.0 | 256,933 | 19.7\% |
| \$200-\$400 | 62,480 | 4.8\% | 2.0-3.0 | 341,456 | 26.1\% |
| \$400-\$600 | 58,041 | 4.4\% | 3.0-4.0 | 234,997 | 18.0\% |
| \$600-\$800 | 47,504 | 3.6\% | 4.0-5.0 | 130,228 | 10.0\% |
| \$800-\$1,000 | 37,316 | 2.9\% | 5.0-6.0 | 74,343 | 5.7\% |
| \$1,000-\$1,200 | 31,820 | 2.4\% | 6.0-7.0 | 46,000 | 3.5\% |
| \$1,200-\$1,400 | 26,394 | 2.0\% | 7.0-8.0 | 30,580 | 2.3\% |
| \$1,400-\$1,600 | 13,759 | 1.1\% | 8.0-9.0 | 21,523 | 1.6\% |
| More than \$1,600 | 10,919 | 0.8\% | More than 9.0 | 100,772 | 7.7\% |
| Total | 1,306,499 | 100.0\% | Total | 1,306,499 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 99,806 | 7.6\% | 1.0\% or less | 97,083 | 7.4\% |
| \$500-\$1,000 | 162,140 | 12.4\% | 1.0\%-2.0\% | 258,167 | 19.8\% |
| \$1,000-\$1,500 | 209,177 | 16.0\% | 2.0\%-3.0\% | 365,010 | 27.9\% |
| \$1,500-\$2,000 | 225,594 | 17.3\% | 3.0\%-4.0\% | 305,130 | 23.4\% |
| \$2,000-\$2,500 | 197,332 | 15.1\% | 4.0\%-5.0\% | 120,198 | 9.2\% |
| \$2,500-\$3,000 | 135,068 | 10.3\% | 5.0\%-6.0\% | 46,695 | 3.6\% |
| \$3,000-\$3,500 | 85,427 | 6.5\% | 6.0\%-7.0\% | 25,865 | 2.0\% |
| \$3,500-\$4,000 | 56,370 | 4.3\% | 7.0\%-8.0\% | 16,563 | 1.3\% |
| \$4,000-\$4,500 | 37,202 | 2.8\% | 8.0\%-9.0\% | 11,308 | 0.9\% |
| More than \$4,500 | 98,383 | 7.5\% | More than 9.0\% | 60,480 | 4.6\% |
| Total | 1,306,499 | 100.0\% | Total | 1,306,499 | 100.0\% |

### 3.2 Greater Minnesota

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 39,229 | 6.9\% | 0.15\% or less | 7,768 | 1.4\% |
| \$50,000-\$100,000 | 113,205 | 19.8\% | 0.15\%-0.30\% | 21,308 | 3.7\% |
| \$100,000-\$150,000 | 148,152 | 26.0\% | 0.30\%-0.45\% | 36,315 | 6.4\% |
| \$150,000-\$200,000 | 116,665 | 20.4\% | 0.45\%-0.60\% | 51,115 | 9.0\% |
| \$200,000-\$250,000 | 64,892 | 11.4\% | 0.60\%-0.75\% | 69,685 | 12.2\% |
| \$250,000-\$300,000 | 36,301 | 6.4\% | 0.75\%-0.90\% | 95,203 | 16.7\% |
| \$300,000-\$350,000 | 20,571 | 3.6\% | 0.90\%-1.05\% | 104,617 | 18.3\% |
| \$350,000-\$400,000 | 11,804 | 2.1\% | 1.05\%-1.20\% | 94,574 | 16.6\% |
| \$400,000-\$450,000 | 7,020 | 1.2\% | 1.20\%-1.35\% | 49,869 | 8.7\% |
| More than \$450,000 | 12,812 | 2.2\% | More than 1.35\% | 40,197 | 7.0\% |
| Total | 570,651 | 100.0\% | Total | 570,651 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 15,022 | 2.6\% | \$20,000 or less | 66,845 | 11.7\% |
| \$1-\$35 | 7,934 | 1.4\% | \$20,000-\$40,000 | 117,980 | 20.7\% |
| \$35-\$70 | 14,584 | 2.6\% | \$40,000-\$60,000 | 124,834 | 21.9\% |
| \$70-\$105 | 23,405 | 4.1\% | \$60,000-\$80,000 | 102,534 | 18.0\% |
| \$105-\$140 | 35,443 | 6.2\% | \$80,000-\$100,000 | 64,808 | 11.4\% |
| \$140-\$175 | 54,258 | 9.5\% | \$100,000-\$120,000 | 35,005 | 6.1\% |
| \$175-\$210 | 83,024 | 14.5\% | \$120,000-\$140,000 | 18,199 | 3.2\% |
| \$210-\$245 | 119,427 | 20.9\% | \$140,000-\$160,000 | 10,494 | 1.8\% |
| \$245-\$280 | 135,081 | 23.7\% | \$160,000-\$180,000 | 6,431 | 1.1\% |
| \$280-\$304 | 82,473 | 14.5\% | More than \$180,000 | 23,521 | 4.1\% |
| Total | 570,651 | 100.0\% | Total | 570,651 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 440,545 | 77.2\% | 1.0 or less | 47,353 | 8.3\% |
| \$1-\$200 | 35,126 | 6.2\% | 1.0-2.0 | 150,424 | 26.4\% |
| \$200-\$400 | 28,231 | 4.9\% | 2.0-3.0 | 144,457 | 25.3\% |
| \$400-\$600 | 22,895 | 4.0\% | 3.0-4.0 | 83,395 | 14.6\% |
| \$600-\$800 | 16,005 | 2.8\% | 4.0-5.0 | 45,564 | 8.0\% |
| \$800-\$1,000 | 10,338 | 1.8\% | 5.0-6.0 | 26,685 | 4.7\% |
| \$1,000-\$1,200 | 7,312 | 1.3\% | 6.0-7.0 | 16,860 | 3.0\% |
| \$1,200-\$1,400 | 5,353 | 0.9\% | 7.0-8.0 | 11,318 | 2.0\% |
| \$1,400-\$1,600 | 2,711 | 0.5\% | 8.0-9.0 | 8,015 | 1.4\% |
| More than \$1,600 | 2,135 | 0.4\% | More than 9.0 | 36,580 | 6.4\% |
| Total | 570,651 | 100.0\% | Total | 570,651 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 89,653 | 15.7\% | 1.0\% or less | 74,822 | 13.1\% |
| \$500-\$1,000 | 127,453 | 22.3\% | 1.0\%-2.0\% | 159,477 | 27.9\% |
| \$1,000-\$1,500 | 127,798 | 22.4\% | 2.0\%-3.0\% | 164,160 | 28.8\% |
| \$1,500-\$2,000 | 94,665 | 16.6\% | 3.0\%-4.0\% | 93,463 | 16.4\% |
| \$2,000-\$2,500 | 56,238 | 9.9\% | 4.0\%-5.0\% | 31,070 | 5.4\% |
| \$2,500-\$3,000 | 30,764 | 5.4\% | 5.0\%-6.0\% | 13,190 | 2.3\% |
| \$3,000-\$3,500 | 17,739 | 3.1\% | 6.0\%-7.0\% | 7,531 | 1.3\% |
| \$3,500-\$4,000 | 10,461 | 1.8\% | 7.0\%-8.0\% | 4,892 | 0.9\% |
| \$4,000-\$4,500 | 5,806 | 1.0\% | 8.0\%-9.0\% | 3,372 | 0.6\% |
| More than \$4,500 | 10,074 | 1.8\% | More than 9.0\% | 18,674 | 3.3\% |
| Total | 570,651 | 100.0\% | Total | 570,651 | 100.0\% |

### 3.3 Metro

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 774 | 0.1\% | 0.15\% or less | 1,119 | 0.2\% |
| \$50,000-\$100,000 | 8,084 | 1.1\% | 0.15\%-0.30\% | 7,254 | 1.0\% |
| \$100,000-\$150,000 | 38,928 | 5.3\% | 0.30\%-0.45\% | 15,545 | 2.1\% |
| \$150,000-\$200,000 | 156,434 | 21.3\% | 0.45\%-0.60\% | 27,683 | 3.8\% |
| \$200,000-\$250,000 | 196,370 | 26.7\% | 0.60\%-0.75\% | 64,601 | 8.8\% |
| \$250,000-\$300,000 | 115,273 | 15.7\% | 0.75\%-0.90\% | 107,400 | 14.6\% |
| \$300,000-\$350,000 | 70,049 | 9.5\% | 0.90\%-1.05\% | 221,217 | 30.1\% |
| \$350,000-\$400,000 | 45,744 | 6.2\% | 1.05\%-1.20\% | 213,773 | 29.1\% |
| \$400,000-\$450,000 | 29,463 | 4.0\% | 1.20\%-1.35\% | 69,942 | 9.5\% |
| More than \$450,000 | 74,729 | 10.2\% | More than 1.35\% | 7,314 | 1.0\% |
| Total | 735,848 | 100.0\% | Total | 735,848 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 92,765 | 12.6\% | \$20,000 or less | 45,763 | 6.2\% |
| \$1-\$35 | 29,665 | 4.0\% | \$20,000-\$40,000 | 95,057 | 12.9\% |
| \$35-\$70 | 41,638 | 5.7\% | \$40,000-\$60,000 | 129,825 | 17.6\% |
| \$70-\$105 | 58,327 | 7.9\% | \$60,000-\$80,000 | 121,816 | 16.6\% |
| \$105-\$140 | 85,728 | 11.7\% | \$80,000-\$100,000 | 98,324 | 13.4\% |
| \$140-\$175 | 138,216 | 18.8\% | \$100,000-\$120,000 | 68,678 | 9.3\% |
| \$175-\$210 | 159,026 | 21.6\% | \$120,000-\$140,000 | 44,604 | 6.1\% |
| \$210-\$245 | 93,568 | 12.7\% | \$140,000-\$160,000 | 29,428 | 4.0\% |
| \$245-\$280 | 29,186 | 4.0\% | \$160,000-\$180,000 | 19,824 | 2.7\% |
| \$280-\$304 | 7,729 | 1.1\% | More than \$180,000 | 82,529 | 11.2\% |
| Total | 735,848 | 100.0\% | Total | 735,848 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 502,411 | 68.3\% | 1.0 or less | 22,314 | 3.0\% |
| \$1-\$200 | 40,196 | 5.5\% | 1.0-2.0 | 106,509 | 14.5\% |
| \$200-\$400 | 34,252 | 4.7\% | 2.0-3.0 | 196,999 | 26.8\% |
| \$400-\$600 | 35,150 | 4.8\% | 3.0-4.0 | 151,603 | 20.6\% |
| \$600-\$800 | 31,487 | 4.3\% | 4.0-5.0 | 84,664 | 11.5\% |
| \$800-\$1,000 | 26,972 | 3.7\% | 5.0-6.0 | 47,657 | 6.5\% |
| \$1,000-\$1,200 | 24,510 | 3.3\% | 6.0-7.0 | 29,140 | 4.0\% |
| \$1,200-\$1,400 | 21,043 | 2.9\% | 7.0-8.0 | 19,261 | 2.6\% |
| \$1,400-\$1,600 | 11,044 | 1.5\% | 8.0-9.0 | 13,509 | 1.8\% |
| More than \$1,600 | 8,783 | 1.2\% | More than 9.0 | 64,192 | 8.7\% |
| Total | 735,848 | 100.0\% | Total | 735,848 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 10,151 | 1.4\% | 1.0\% or less | 22,260 | 3.0\% |
| \$500-\$1,000 | 34,685 | 4.7\% | 1.0\%-2.0\% | 98,689 | 13.4\% |
| \$1,000-\$1,500 | 81,385 | 11.1\% | 2.0\%-3.0\% | 200,847 | 27.3\% |
| \$1,500-\$2,000 | 130,921 | 17.8\% | 3.0\%-4.0\% | 211,670 | 28.8\% |
| \$2,000-\$2,500 | 141,099 | 19.2\% | 4.0\%-5.0\% | 89,127 | 12.1\% |
| \$2,500-\$3,000 | 104,308 | 14.2\% | 5.0\%-6.0\% | 33,505 | 4.6\% |
| \$3,000-\$3,500 | 67,683 | 9.2\% | 6.0\%-7.0\% | 18,337 | 2.5\% |
| \$3,500-\$4,000 | 45,912 | 6.2\% | 7.0\%-8.0\% | 11,666 | 1.6\% |
| \$4,000-\$4,500 | 31,395 | 4.3\% | 8.0\%-9.0\% | 7,939 | 1.1\% |
| More than \$4,500 | 88,309 | 12.0\% | More than 9.0\% | 41,808 | 5.7\% |
| Total | 735,848 | 100.0\% | Total | 735,848 | 100.0\% |

### 3.4 Arrowhead

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 7,637 | 8.2\% | 0.15\% or less | 3,222 | 3.4\% |
| \$50,000-\$100,000 | 24,331 | 26.0\% | 0.15\%-0.30\% | 8,514 | 9.1\% |
| \$100,000-\$150,000 | 24,983 | 26.7\% | 0.30\%-0.45\% | 12,452 | 13.3\% |
| \$150,000-\$200,000 | 15,814 | 16.9\% | 0.45\%-0.60\% | 12,447 | 13.3\% |
| \$200,000-\$250,000 | 8,128 | 8.7\% | 0.60\%-0.75\% | 11,628 | 12.4\% |
| \$250,000-\$300,000 | 4,781 | 5.1\% | 0.75\%-0.90\% | 14,631 | 15.7\% |
| \$300,000-\$350,000 | 2,812 | 3.0\% | 0.90\%-1.05\% | 16,511 | 17.7\% |
| \$350,000-\$400,000 | 1,707 | 1.8\% | 1.05\%-1.20\% | 10,656 | 11.4\% |
| \$400,000-\$450,000 | 1,068 | 1.1\% | 1.20\%-1.35\% | 2,377 | 2.5\% |
| More than \$450,000 | 2,184 | 2.3\% | More than 1.35\% | 1,007 | 1.1\% |
| Total | 93,445 | 100.0\% | Total | 93,445 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 2,338 | 2.5\% | \$20,000 or less | 13,826 | 14.8\% |
| \$1-\$35 | 1,072 | 1.1\% | \$20,000-\$40,000 | 20,414 | 21.8\% |
| \$35-\$70 | 1,882 | 2.0\% | \$40,000-\$60,000 | 20,493 | 21.9\% |
| \$70-\$105 | 3,232 | 3.5\% | \$60,000-\$80,000 | 15,679 | 16.8\% |
| \$105-\$140 | 5,190 | 5.6\% | \$80,000-\$100,000 | 9,588 | 10.3\% |
| \$140-\$175 | 8,047 | 8.6\% | \$100,000-\$120,000 | 5,100 | 5.5\% |
| \$175-\$210 | 12,168 | 13.0\% | \$120,000-\$140,000 | 2,559 | 2.7\% |
| \$210-\$245 | 18,233 | 19.5\% | \$140,000-\$160,000 | 1,526 | 1.6\% |
| \$245-\$280 | 23,887 | 25.6\% | \$160,000-\$180,000 | 915 | 1.0\% |
| \$280-\$304 | 17,396 | 18.6\% | More than \$180,000 | 3,345 | 3.6\% |
| Total | 93,445 | 100.0\% | Total | 93,445 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 78,491 | 84.0\% | 1.0 or less | 8,657 | 9.3\% |
| \$1-\$200 | 3,972 | 4.3\% | 1.0-2.0 | 25,615 | 27.4\% |
| \$200-\$400 | 3,318 | 3.6\% | 2.0-3.0 | 21,552 | 23.1\% |
| \$400-\$600 | 2,784 | 3.0\% | 3.0-4.0 | 12,709 | 13.6\% |
| \$600-\$800 | 1,791 | 1.9\% | 4.0-5.0 | 7,434 | 8.0\% |
| \$800-\$1,000 | 1,164 | 1.2\% | 5.0-6.0 | 4,467 | 4.8\% |
| \$1,000-\$1,200 | 773 | 0.8\% | 6.0-7.0 | 2,926 | 3.1\% |
| \$1,200-\$1,400 | 617 | 0.7\% | 7.0-8.0 | 1,976 | 2.1\% |
| \$1,400-\$1,600 | 291 | 0.3\% | 8.0-9.0 | 1,496 | 1.6\% |
| More than \$1,600 | 244 | 0.3\% | More than 9.0 | 6,613 | 7.1\% |
| Total | 93,445 | 100.0\% | Total | 93,445 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 28,031 | 30.0\% | 1.0\% or less | 24,830 | 26.6\% |
| \$500-\$1,000 | 22,940 | 24.5\% | 1.0\%-2.0\% | 26,396 | 28.2\% |
| \$1,000-\$1,500 | 17,313 | 18.5\% | 2.0\%-3.0\% | 20,294 | 21.7\% |
| \$1,500-\$2,000 | 10,548 | 11.3\% | 3.0\%-4.0\% | 10,969 | 11.7\% |
| \$2,000-\$2,500 | 5,832 | 6.2\% | 4.0\%-5.0\% | 3,903 | 4.2\% |
| \$2,500-\$3,000 | 3,249 | 3.5\% | 5.0\%-6.0\% | 1,814 | 1.9\% |
| \$3,000-\$3,500 | 2,018 | 2.2\% | 6.0\%-7.0\% | 1,132 | 1.2\% |
| \$3,500-\$4,000 | 1,176 | 1.3\% | 7.0\%-8.0\% | 722 | 0.8\% |
| \$4,000-\$4,500 | 764 | 0.8\% | 8.0\%-9.0\% | 508 | 0.5\% |
| More than \$4,500 | 1,574 | 1.7\% | More than 9.0\% | 2,877 | 3.1\% |
| Total | 93,445 | 100.0\% | Total | 93,445 | 100.0\% |

### 3.5 Central

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 394 | 0.4\% | 0.15\% or less | 383 | 0.4\% |
| \$50,000-\$100,000 | 3,545 | 3.7\% | 0.15\%-0.30\% | 1,585 | 1.6\% |
| \$100,000-\$150,000 | 18,834 | 19.6\% | 0.30\%-0.45\% | 2,896 | 3.0\% |
| \$150,000-\$200,000 | 29,742 | 30.9\% | 0.45\%-0.60\% | 5,423 | 5.6\% |
| \$200,000-\$250,000 | 19,541 | 20.3\% | 0.60\%-0.75\% | 11,357 | 11.8\% |
| \$250,000-\$300,000 | 10,891 | 11.3\% | 0.75\%-0.90\% | 18,245 | 19.0\% |
| \$300,000-\$350,000 | 5,935 | 6.2\% | 0.90\%-1.05\% | 27,814 | 28.9\% |
| \$350,000-\$400,000 | 3,183 | 3.3\% | 1.05\%-1.20\% | 18,777 | 19.5\% |
| \$400,000-\$450,000 | 1,783 | 1.9\% | 1.20\%-1.35\% | 7,273 | 7.6\% |
| More than \$450,000 | 2,315 | 2.4\% | More than 1.35\% | 2,410 | 2.5\% |
| Total | 96,163 | 100.0\% | Total | 96,163 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 3,198 | 3.3\% | \$20,000 or less | 6,948 | 7.2\% |
| \$1-\$35 | 1,869 | 1.9\% | \$20,000-\$40,000 | 14,934 | 15.5\% |
| \$35-\$70 | 3,102 | 3.2\% | \$40,000-\$60,000 | 20,115 | 20.9\% |
| \$70-\$105 | 5,130 | 5.3\% | \$60,000-\$80,000 | 19,680 | 20.5\% |
| \$105-\$140 | 8,236 | 8.6\% | \$80,000-\$100,000 | 13,763 | 14.3\% |
| \$140-\$175 | 13,151 | 13.7\% | \$100,000-\$120,000 | 8,072 | 8.4\% |
| \$175-\$210 | 20,283 | 21.1\% | \$120,000-\$140,000 | 4,189 | 4.4\% |
| \$210-\$245 | 23,465 | 24.4\% | \$140,000-\$160,000 | 2,318 | 2.4\% |
| \$245-\$280 | 14,355 | 14.9\% | \$160,000-\$180,000 | 1,450 | 1.5\% |
| \$280-\$304 | 3,374 | 3.5\% | More than \$180,000 | 4,694 | 4.9\% |
| Total | 96,163 | 100.0\% | Total | 96,163 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 68,935 | 71.7\% | 1.0 or less | 2,845 | 3.0\% |
| \$1-\$200 | 5,757 | 6.0\% | 1.0-2.0 | 17,366 | 18.1\% |
| \$200-\$400 | 5,265 | 5.5\% | 2.0-3.0 | 28,774 | 29.9\% |
| \$400-\$600 | 4,810 | 5.0\% | 3.0-4.0 | 18,788 | 19.5\% |
| \$600-\$800 | 3,672 | 3.8\% | 4.0-5.0 | 9,670 | 10.1\% |
| \$800-\$1,000 | 2,683 | 2.8\% | 5.0-6.0 | 5,279 | 5.5\% |
| \$1,000-\$1,200 | 1,922 | 2.0\% | 6.0-7.0 | 3,259 | 3.4\% |
| \$1,200-\$1,400 | 1,606 | 1.7\% | 7.0-8.0 | 2,067 | 2.1\% |
| \$1,400-\$1,600 | 802 | 0.8\% | 8.0-9.0 | 1,424 | 1.5\% |
| More than \$1,600 | 711 | 0.7\% | More than 9.0 | 6,691 | 7.0\% |
| Total | 96,163 | 100.0\% | Total | 96,163 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 3,242 | 3.4\% | 1.0\% or less | 3,685 | 3.8\% |
| \$500-\$1,000 | 9,416 | 9.8\% | 1.0\%-2.0\% | 18,921 | 19.7\% |
| \$1,000-\$1,500 | 21,679 | 22.5\% | 2.0\%-3.0\% | 32,689 | 34.0\% |
| \$1,500-\$2,000 | 23,544 | 24.5\% | 3.0\%-4.0\% | 23,434 | 24.4\% |
| \$2,000-\$2,500 | 16,434 | 17.1\% | 4.0\%-5.0\% | 7,545 | 7.8\% |
| \$2,500-\$3,000 | 9,105 | 9.5\% | 5.0\%-6.0\% | 2,897 | 3.0\% |
| \$3,000-\$3,500 | 5,349 | 5.6\% | 6.0\%-7.0\% | 1,612 | 1.7\% |
| \$3,500-\$4,000 | 3,227 | 3.4\% | 7.0\%-8.0\% | 942 | 1.0\% |
| \$4,000-\$4,500 | 1,754 | 1.8\% | 8.0\%-9.0\% | 697 | 0.7\% |
| More than \$4,500 | 2,413 | 2.5\% | More than 9.0\% | 3,741 | 3.9\% |
| Total | 96,163 | 100.0\% | Total | 96,163 | 100.0\% |

### 3.6 East Central

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 388 | 1.5\% | 0.15\% or less | 428 | 1.6\% |
| \$50,000-\$100,000 | 2,461 | 9.4\% | 0.15\%-0.30\% | 1,006 | 3.8\% |
| \$100,000-\$150,000 | 6,637 | 25.4\% | 0.30\%-0.45\% | 1,740 | 6.7\% |
| \$150,000-\$200,000 | 8,032 | 30.7\% | 0.45\%-0.60\% | 2,944 | 11.3\% |
| \$200,000-\$250,000 | 4,143 | 15.9\% | 0.60\%-0.75\% | 4,410 | 16.9\% |
| \$250,000-\$300,000 | 2,155 | 8.2\% | 0.75\%-0.90\% | 6,410 | 24.5\% |
| \$300,000-\$350,000 | 1,101 | 4.2\% | 0.90\%-1.05\% | 4,357 | 16.7\% |
| \$350,000-\$400,000 | 592 | 2.3\% | 1.05\%-1.20\% | 2,098 | 8.0\% |
| \$400,000-\$450,000 | 288 | 1.1\% | 1.20\%-1.35\% | 2,138 | 8.2\% |
| More than \$450,000 | 340 | 1.3\% | More than 1.35\% | 606 | 2.3\% |
| Total | 26,137 | 100.0\% | Total | 26,137 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 424 | 1.6\% | \$20,000 or less | 3,540 | 13.5\% |
| \$1-\$35 | 310 | 1.2\% | \$20,000-\$40,000 | 5,953 | 22.8\% |
| \$35-\$70 | 527 | 2.0\% | \$40,000-\$60,000 | 6,376 | 24.4\% |
| \$70-\$105 | 948 | 3.6\% | \$60,000-\$80,000 | 4,643 | 17.8\% |
| \$105-\$140 | 1,649 | 6.3\% | \$80,000-\$100,000 | 2,697 | 10.3\% |
| \$140-\$175 | 2,680 | 10.3\% | \$100,000-\$120,000 | 1,286 | 4.9\% |
| \$175-\$210 | 4,936 | 18.9\% | \$120,000-\$140,000 | 586 | 2.2\% |
| \$210-\$245 | 7,028 | 26.9\% | \$140,000-\$160,000 | 303 | 1.2\% |
| \$245-\$280 | 5,464 | 20.9\% | \$160,000-\$180,000 | 193 | 0.7\% |
| \$280-\$304 | 2,171 | 8.3\% | More than \$180,000 | 560 | 2.1\% |
| Total | 26,137 | 100.0\% | Total | 26,137 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 18,403 | 70.4\% | 1.0 or less | 585 | 2.2\% |
| \$1-\$200 | 1,660 | 6.4\% | 1.0-2.0 | 3,844 | 14.7\% |
| \$200-\$400 | 1,525 | 5.8\% | 2.0-3.0 | 6,729 | 25.7\% |
| \$400-\$600 | 1,398 | 5.3\% | 3.0-4.0 | 4,870 | 18.6\% |
| \$600-\$800 | 1,127 | 4.3\% | 4.0-5.0 | 2,936 | 11.2\% |
| \$800-\$1,000 | 684 | 2.6\% | 5.0-6.0 | 1,810 | 6.9\% |
| \$1,000-\$1,200 | 529 | 2.0\% | 6.0-7.0 | 1,194 | 4.6\% |
| \$1,200-\$1,400 | 411 | 1.6\% | 7.0-8.0 | 813 | 3.1\% |
| \$1,400-\$1,600 | 211 | 0.8\% | 8.0-9.0 | 555 | 2.1\% |
| More than \$1,600 | 189 | 0.7\% | More than 9.0 | 2,801 | 10.7\% |
| Total | 26,137 | 100.0\% | Total | 26,137 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 2,734 | 10.5\% | 1.0\% or less | 1,617 | 6.2\% |
| \$500-\$1,000 | 4,810 | 18.4\% | 1.0\%-2.0\% | 5,695 | 21.8\% |
| \$1,000-\$1,500 | 6,873 | 26.3\% | 2.0\%-3.0\% | 8,212 | 31.4\% |
| \$1,500-\$2,000 | 5,937 | 22.7\% | 3.0\%-4.0\% | 5,519 | 21.1\% |
| \$2,000-\$2,500 | 3,189 | 12.2\% | 4.0\%-5.0\% | 1,832 | 7.0\% |
| \$2,500-\$3,000 | 1,392 | 5.3\% | 5.0\%-6.0\% | 848 | 3.2\% |
| \$3,000-\$3,500 | 568 | 2.2\% | 6.0\%-7.0\% | 475 | 1.8\% |
| \$3,500-\$4,000 | 292 | 1.1\% | 7.0\%-8.0\% | 328 | 1.3\% |
| \$4,000-\$4,500 | 144 | 0.6\% | 8.0\%-9.0\% | 238 | 0.9\% |
| More than \$4,500 | 198 | 0.8\% | More than 9.0\% | 1,373 | 5.3\% |
| Total | 26,137 | 100.0\% | Total | 26,137 | 100.0\% |

### 3.7 Minnesota Valley

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 4,882 | 12.0\% | 0.15\% or less | 176 | 0.4\% |
| \$50,000-\$100,000 | 11,389 | 27.9\% | 0.15\%-0.30\% | 638 | 1.6\% |
| \$100,000-\$150,000 | 11,113 | 27.2\% | 0.30\%-0.45\% | 1,248 | 3.1\% |
| \$150,000-\$200,000 | 6,369 | 15.6\% | 0.45\%-0.60\% | 2,306 | 5.7\% |
| \$200,000-\$250,000 | 3,123 | 7.7\% | 0.60\%-0.75\% | 3,882 | 9.5\% |
| \$250,000-\$300,000 | 1,746 | 4.3\% | 0.75\%-0.90\% | 6,923 | 17.0\% |
| \$300,000-\$350,000 | 873 | 2.1\% | 0.90\%-1.05\% | 7,471 | 18.3\% |
| \$350,000-\$400,000 | 465 | 1.1\% | 1.05\%-1.20\% | 5,767 | 14.1\% |
| \$400,000-\$450,000 | 308 | 0.8\% | 1.20\%-1.35\% | 5,953 | 14.6\% |
| More than \$450,000 | 532 | 1.3\% | More than 1.35\% | 6,436 | 15.8\% |
| Total | 40,800 | 100.0\% | Total | 40,800 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 629 | 1.5\% | \$20,000 or less | 4,843 | 11.9\% |
| \$1-\$35 | 424 | 1.0\% | \$20,000-\$40,000 | 9,052 | 22.2\% |
| \$35-\$70 | 1,024 | 2.5\% | \$40,000-\$60,000 | 9,424 | 23.1\% |
| \$70-\$105 | 1,623 | 4.0\% | \$60,000-\$80,000 | 7,446 | 18.3\% |
| \$105-\$140 | 2,312 | 5.7\% | \$80,000-\$100,000 | 4,452 | 10.9\% |
| \$140-\$175 | 3,316 | 8.1\% | \$100,000-\$120,000 | 2,070 | 5.1\% |
| \$175-\$210 | 4,990 | 12.2\% | \$120,000-\$140,000 | 1,066 | 2.6\% |
| \$210-\$245 | 7,734 | 19.0\% | \$140,000-\$160,000 | 594 | 1.5\% |
| \$245-\$280 | 10,746 | 26.3\% | \$160,000-\$180,000 | 385 | 0.9\% |
| \$280-\$304 | 8,002 | 19.6\% | More than \$180,000 | 1,468 | 3.6\% |
| Total | 40,800 | 100.0\% | Total | 40,800 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 31,302 | 76.7\% | 1.0 or less | 5,303 | 13.0\% |
| \$1-\$200 | 2,498 | 6.1\% | 1.0-2.0 | 12,950 | 31.7\% |
| \$200-\$400 | 2,164 | 5.3\% | 2.0-3.0 | 9,701 | 23.8\% |
| \$400-\$600 | 1,758 | 4.3\% | 3.0-4.0 | 4,970 | 12.2\% |
| \$600-\$800 | 1,169 | 2.9\% | 4.0-5.0 | 2,697 | 6.6\% |
| \$800-\$1,000 | 752 | 1.8\% | 5.0-6.0 | 1,486 | 3.6\% |
| \$1,000-\$1,200 | 517 | 1.3\% | 6.0-7.0 | 914 | 2.2\% |
| \$1,200-\$1,400 | 354 | 0.9\% | 7.0-8.0 | 584 | 1.4\% |
| \$1,400-\$1,600 | 183 | 0.4\% | 8.0-9.0 | 415 | 1.0\% |
| More than \$1,600 | 103 | 0.3\% | More than 9.0 | 1,780 | 4.4\% |
| Total | 40,800 | 100.0\% | Total | 40,800 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 6,520 | 16.0\% | 1.0\% or less | 5,159 | 12.6\% |
| \$500-\$1,000 | 11,121 | 27.3\% | 1.0\%-2.0\% | 12,474 | 30.6\% |
| \$1,000-\$1,500 | 9,305 | 22.8\% | 2.0\%-3.0\% | 11,777 | 28.9\% |
| \$1,500-\$2,000 | 6,180 | 15.1\% | 3.0\%-4.0\% | 6,291 | 15.4\% |
| \$2,000-\$2,500 | 3,433 | 8.4\% | 4.0\%-5.0\% | 2,083 | 5.1\% |
| \$2,500-\$3,000 | 1,857 | 4.6\% | 5.0\%-6.0\% | 862 | 2.1\% |
| \$3,000-\$3,500 | 957 | 2.3\% | 6.0\%-7.0\% | 438 | 1.1\% |
| \$3,500-\$4,000 | 577 | 1.4\% | 7.0\%-8.0\% | 352 | 0.9\% |
| \$4,000-\$4,500 | 283 | 0.7\% | 8.0\%-9.0\% | 216 | 0.5\% |
| More than \$4,500 | 567 | 1.4\% | More than 9.0\% | 1,148 | 2.8\% |
| Total | 40,800 | 100.0\% | Total | 40,800 | 100.0\% |

### 3.8 North Central

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 1,981 | 4.7\% | 0.15\% or less | 1,655 | 3.9\% |
| \$50,000-\$100,000 | 7,943 | 18.8\% | 0.15\%-0.30\% | 3,735 | 8.9\% |
| \$100,000-\$150,000 | 10,466 | 24.8\% | 0.30\%-0.45\% | 6,711 | 15.9\% |
| \$150,000-\$200,000 | 8,004 | 19.0\% | 0.45\%-0.60\% | 8,508 | 20.2\% |
| \$200,000-\$250,000 | 4,575 | 10.8\% | 0.60\%-0.75\% | 6,351 | 15.1\% |
| \$250,000-\$300,000 | 2,628 | 6.2\% | 0.75\%-0.90\% | 6,052 | 14.3\% |
| \$300,000-\$350,000 | 1,750 | 4.1\% | 0.90\%-1.05\% | 4,393 | 10.4\% |
| \$350,000-\$400,000 | 1,206 | 2.9\% | 1.05\%-1.20\% | 2,818 | 6.7\% |
| \$400,000-\$450,000 | 860 | 2.0\% | 1.20\%-1.35\% | 1,457 | 3.5\% |
| More than \$450,000 | 2,774 | 6.6\% | More than 1.35\% | 507 | 1.2\% |
| Total | 42,187 | 100.0\% | Total | 42,187 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 2,702 | 6.4\% | \$20,000 or less | 6,854 | 16.2\% |
| \$1-\$35 | 761 | 1.8\% | \$20,000-\$40,000 | 10,391 | 24.6\% |
| \$35-\$70 | 1,174 | 2.8\% | \$40,000-\$60,000 | 9,323 | 22.1\% |
| \$70-\$105 | 1,686 | 4.0\% | \$60,000-\$80,000 | 6,563 | 15.6\% |
| \$105-\$140 | 2,455 | 5.8\% | \$80,000-\$100,000 | 3,788 | 9.0\% |
| \$140-\$175 | 3,677 | 8.7\% | \$100,000-\$120,000 | 1,791 | 4.2\% |
| \$175-\$210 | 5,685 | 13.5\% | \$120,000-\$140,000 | 970 | 2.3\% |
| \$210-\$245 | 8,276 | 19.6\% | \$140,000-\$160,000 | 566 | 1.3\% |
| \$245-\$280 | 9,608 | 22.8\% | \$160,000-\$180,000 | 363 | 0.9\% |
| \$280-\$304 | 6,163 | 14.6\% | More than \$180,000 | 1,578 | 3.7\% |
| Total | 42,187 | 100.0\% | Total | 42,187 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 32,606 | 77.3\% | 1.0 or less | 1,823 | 4.3\% |
| \$1-\$200 | 2,327 | 5.5\% | 1.0-2.0 | 8,060 | 19.1\% |
| \$200-\$400 | 2,260 | 5.4\% | 2.0-3.0 | 9,319 | 22.1\% |
| \$400-\$600 | 1,714 | 4.1\% | 3.0-4.0 | 6,511 | 15.4\% |
| \$600-\$800 | 1,114 | 2.6\% | 4.0-5.0 | 4,070 | 9.6\% |
| \$800-\$1,000 | 763 | 1.8\% | 5.0-6.0 | 2,899 | 6.9\% |
| \$1,000-\$1,200 | 565 | 1.3\% | 6.0-7.0 | 1,954 | 4.6\% |
| \$1,200-\$1,400 | 418 | 1.0\% | 7.0-8.0 | 1,426 | 3.4\% |
| \$1,400-\$1,600 | 245 | 0.6\% | 8.0-9.0 | 1,009 | 2.4\% |
| More than \$1,600 | 175 | 0.4\% | More than 9.0 | 5,116 | 12.1\% |
| Total | 42,187 | 100.0\% | Total | 42,187 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 9,363 | 22.2\% | 1.0\% or less | 7,004 | 16.6\% |
| \$500-\$1,000 | 12,311 | 29.2\% | 1.0\%-2.0\% | 13,092 | 31.0\% |
| \$1,000-\$1,500 | 9,204 | 21.8\% | 2.0\%-3.0\% | 10,849 | 25.7\% |
| \$1,500-\$2,000 | 5,159 | 12.2\% | 3.0\%-4.0\% | 5,414 | 12.8\% |
| \$2,000-\$2,500 | 2,600 | 6.2\% | 4.0\%-5.0\% | 2,051 | 4.9\% |
| \$2,500-\$3,000 | 1,325 | 3.1\% | 5.0\%-6.0\% | 912 | 2.2\% |
| \$3,000-\$3,500 | 760 | 1.8\% | 6.0\%-7.0\% | 566 | 1.3\% |
| \$3,500-\$4,000 | 473 | 1.1\% | 7.0\%-8.0\% | 374 | 0.9\% |
| \$4,000-\$4,500 | 247 | 0.6\% | 8.0\%-9.0\% | 258 | 0.6\% |
| More than \$4,500 | 745 | 1.8\% | More than 9.0\% | 1,667 | 4.0\% |
| Total | 42,187 | 100.0\% | Total | 42,187 | 100.0\% |

### 3.9 Northwest/Headwaters

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 6,551 | 17.7\% | 0.15\% or less | 580 | 1.6\% |
| \$50,000-\$100,000 | 11,804 | 31.9\% | 0.15\%-0.30\% | 1,299 | 3.5\% |
| \$100,000-\$150,000 | 8,948 | 24.2\% | 0.30\%-0.45\% | 2,170 | 5.9\% |
| \$150,000-\$200,000 | 4,361 | 11.8\% | 0.45\%-0.60\% | 2,968 | 8.0\% |
| \$200,000-\$250,000 | 2,088 | 5.6\% | 0.60\%-0.75\% | 3,950 | 10.7\% |
| \$250,000-\$300,000 | 1,161 | 3.1\% | 0.75\%-0.90\% | 4,455 | 12.0\% |
| \$300,000-\$350,000 | 746 | 2.0\% | 0.90\%-1.05\% | 5,177 | 14.0\% |
| \$350,000-\$400,000 | 465 | 1.3\% | 1.05\%-1.20\% | 4,303 | 11.6\% |
| \$400,000-\$450,000 | 312 | 0.8\% | 1.20\%-1.35\% | 3,019 | 8.2\% |
| More than \$450,000 | 593 | 1.6\% | More than 1.35\% | 9,108 | 24.6\% |
| Total | 37,029 | 100.0\% | Total | 37,029 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 625 | 1.7\% | \$20,000 or less | 5,850 | 15.8\% |
| \$1-\$35 | 602 | 1.6\% | \$20,000-\$40,000 | 8,739 | 23.6\% |
| \$35-\$70 | 1,252 | 3.4\% | \$40,000-\$60,000 | 8,364 | 22.6\% |
| \$70-\$105 | 1,769 | 4.8\% | \$60,000-\$80,000 | 6,259 | 16.9\% |
| \$105-\$140 | 2,251 | 6.1\% | \$80,000-\$100,000 | 3,498 | 9.4\% |
| \$140-\$175 | 3,116 | 8.4\% | \$100,000-\$120,000 | 1,708 | 4.6\% |
| \$175-\$210 | 4,251 | 11.5\% | \$120,000-\$140,000 | 826 | 2.2\% |
| \$210-\$245 | 6,217 | 16.8\% | \$140,000-\$160,000 | 436 | 1.2\% |
| \$245-\$280 | 9,334 | 25.2\% | \$160,000-\$180,000 | 296 | 0.8\% |
| \$280-\$304 | 7,612 | 20.6\% | More than \$180,000 | 1,053 | 2.8\% |
| Total | 37,029 | 100.0\% | Total | 37,029 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 29,991 | 81.0\% | 1.0 or less | 6,036 | 16.3\% |
| \$1-\$200 | 1,983 | 5.4\% | 1.0-2.0 | 11,876 | 32.1\% |
| \$200-\$400 | 1,675 | 4.5\% | 2.0-3.0 | 7,560 | 20.4\% |
| \$400-\$600 | 1,262 | 3.4\% | 3.0-4.0 | 3,893 | 10.5\% |
| \$600-\$800 | 801 | 2.2\% | 4.0-5.0 | 2,187 | 5.9\% |
| \$800-\$1,000 | 476 | 1.3\% | 5.0-6.0 | 1,339 | 3.6\% |
| \$1,000-\$1,200 | 381 | 1.0\% | 6.0-7.0 | 865 | 2.3\% |
| \$1,200-\$1,400 | 225 | 0.6\% | 7.0-8.0 | 572 | 1.5\% |
| \$1,400-\$1,600 | 119 | 0.3\% | 8.0-9.0 | 443 | 1.2\% |
| More than \$1,600 | 116 | 0.3\% | More than 9.0 | 2,258 | 6.1\% |
| Total | 37,029 | 100.0\% | Total | 37,029 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 8,796 | 23.8\% | 1.0\% or less | 6,380 | 17.2\% |
| \$500-\$1,000 | 10,676 | 28.8\% | 1.0\%-2.0\% | 11,995 | 32.4\% |
| \$1,000-\$1,500 | 8,001 | 21.6\% | 2.0\%-3.0\% | 9,550 | 25.8\% |
| \$1,500-\$2,000 | 4,486 | 12.1\% | 3.0\%-4.0\% | 4,467 | 12.1\% |
| \$2,000-\$2,500 | 2,369 | 6.4\% | 4.0\%-5.0\% | 1,671 | 4.5\% |
| \$2,500-\$3,000 | 1,221 | 3.3\% | 5.0\%-6.0\% | 780 | 2.1\% |
| \$3,000-\$3,500 | 647 | 1.7\% | 6.0\%-7.0\% | 449 | 1.2\% |
| \$3,500-\$4,000 | 336 | 0.9\% | 7.0\%-8.0\% | 305 | 0.8\% |
| \$4,000-\$4,500 | 189 | 0.5\% | 8.0\%-9.0\% | 228 | 0.6\% |
| More than \$4,500 | 308 | 0.8\% | More than 9.0\% | 1,204 | 3.3\% |
| Total | 37,029 | 100.0\% | Total | 37,029 | 100.0\% |

### 3.10 South Central

| Estimated Market Value | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 4,290 | 10.0\% | 0.15\% or less | 170 | 0.4\% |
| \$50,000-\$100,000 | 11,235 | 26.1\% | 0.15\%-0.30\% | 600 | 1.4\% |
| \$100,000-\$150,000 | 12,324 | 28.7\% | 0.30\%-0.45\% | 1,425 | 3.3\% |
| \$150,000-\$200,000 | 7,245 | 16.8\% | 0.45\%-0.60\% | 2,895 | 6.7\% |
| \$200,000-\$250,000 | 3,768 | 8.8\% | 0.60\%-0.75\% | 4,707 | 10.9\% |
| \$250,000-\$300,000 | 2,008 | 4.7\% | 0.75\%-0.90\% | 6,766 | 15.7\% |
| \$300,000-\$350,000 | 1,095 | 2.5\% | 0.90\%-1.05\% | 8,081 | 18.8\% |
| \$350,000-\$400,000 | 531 | 1.2\% | 1.05\%-1.20\% | 8,670 | 20.2\% |
| \$400,000-\$450,000 | 254 | 0.6\% | 1.20\%-1.35\% | 5,198 | 12.1\% |
| More than \$450,000 | 250 | 0.6\% | More than 1.35\% | 4,488 | 10.4\% |
| Total | 43,000 | 100.0\% | Total | 43,000 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 363 | 0.8\% | \$20,000 or less | 5,020 | 11.7\% |
| \$1-\$35 | 385 | 0.9\% | \$20,000-\$40,000 | 9,502 | 22.1\% |
| \$35-\$70 | 936 | 2.2\% | \$40,000-\$60,000 | 9,730 | 22.6\% |
| \$70-\$105 | 1,569 | 3.6\% | \$60,000-\$80,000 | 7,927 | 18.4\% |
| \$105-\$140 | 2,422 | 5.6\% | \$80,000-\$100,000 | 4,769 | 11.1\% |
| \$140-\$175 | 3,622 | 8.4\% | \$100,000-\$120,000 | 2,314 | 5.4\% |
| \$175-\$210 | 5,691 | 13.2\% | \$120,000-\$140,000 | 1,190 | 2.8\% |
| \$210-\$245 | 8,292 | 19.3\% | \$140,000-\$160,000 | 621 | 1.4\% |
| \$245-\$280 | 11,612 | 27.0\% | \$160,000-\$180,000 | 409 | 1.0\% |
| \$280-\$304 | 8,108 | 18.9\% | More than \$180,000 | 1,518 | 3.5\% |
| Total | 43,000 | 100.0\% | Total | 43,000 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 33,168 | 77.1\% | 1.0 or less | 4,720 | 11.0\% |
| \$1-\$200 | 2,938 | 6.8\% | 1.0-2.0 | 13,241 | 30.8\% |
| \$200-\$400 | 2,240 | 5.2\% | 2.0-3.0 | 11,015 | 25.6\% |
| \$400-\$600 | 1,776 | 4.1\% | 3.0-4.0 | 5,559 | 12.9\% |
| \$600-\$800 | 1,146 | 2.7\% | 4.0-5.0 | 2,914 | 6.8\% |
| \$800-\$1,000 | 693 | 1.6\% | 5.0-6.0 | 1,620 | 3.8\% |
| \$1,000-\$1,200 | 446 | 1.0\% | 6.0-7.0 | 998 | 2.3\% |
| \$1,200-\$1,400 | 313 | 0.7\% | 7.0-8.0 | 625 | 1.5\% |
| \$1,400-\$1,600 | 170 | 0.4\% | 8.0-9.0 | 453 | 1.1\% |
| More than \$1,600 | 110 | 0.3\% | More than 9.0 | 1,855 | 4.3\% |
| Total | 43,000 | 100.0\% | Total | 43,000 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 6,403 | 14.9\% | 1.0\% or less | 5,180 | 12.0\% |
| \$500-\$1,000 | 11,270 | 26.2\% | 1.0\%-2.0\% | 12,987 | 30.2\% |
| \$1,000-\$1,500 | 10,448 | 24.3\% | 2.0\%-3.0\% | 12,706 | 29.5\% |
| \$1,500-\$2,000 | 6,995 | 16.3\% | 3.0\%-4.0\% | 6,801 | 15.8\% |
| \$2,000-\$2,500 | 3,706 | 8.6\% | 4.0\%-5.0\% | 2,150 | 5.0\% |
| \$2,500-\$3,000 | 1,967 | 4.6\% | 5.0\%-6.0\% | 901 | 2.1\% |
| \$3,000-\$3,500 | 1,035 | 2.4\% | 6.0\%-7.0\% | 535 | 1.2\% |
| \$3,500-\$4,000 | 566 | 1.3\% | 7.0\%-8.0\% | 315 | 0.7\% |
| \$4,000-\$4,500 | 297 | 0.7\% | 8.0\%-9.0\% | 214 | 0.5\% |
| More than \$4,500 | 313 | 0.7\% | More than 9.0\% | 1,211 | 2.8\% |
| Total | 43,000 | 100.0\% | Total | 43,000 | 100.0\% |

### 3.11 Southeast

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 2,883 | 2.5\% | 0.15\% or less | 431 | 0.4\% |
| \$50,000-\$100,000 | 18,371 | 16.1\% | 0.15\%-0.30\% | 1,788 | 1.6\% |
| \$100,000-\$150,000 | 34,861 | 30.6\% | 0.30\%-0.45\% | 2,954 | 2.6\% |
| \$150,000-\$200,000 | 26,315 | 23.1\% | 0.45\%-0.60\% | 5,505 | 4.8\% |
| \$200,000-\$250,000 | 13,927 | 12.2\% | 0.60\%-0.75\% | 11,866 | 10.4\% |
| \$250,000-\$300,000 | 7,834 | 6.9\% | 0.75\%-0.90\% | 19,600 | 17.2\% |
| \$300,000-\$350,000 | 4,276 | 3.7\% | 0.90\%-1.05\% | 20,106 | 17.6\% |
| \$350,000-\$400,000 | 2,301 | 2.0\% | 1.05\%-1.20\% | 31,518 | 27.6\% |
| \$400,000-\$450,000 | 1,263 | 1.1\% | 1.20\%-1.35\% | 15,151 | 13.3\% |
| More than \$450,000 | 2,008 | 1.8\% | More than 1.35\% | 5,120 | 4.5\% |
| Total | 114,039 | 100.0\% | Total | 114,039 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 2,743 | 2.4\% | \$20,000 or less | 9,893 | 8.7\% |
| \$1-\$35 | 1,425 | 1.2\% | \$20,000-\$40,000 | 21,366 | 18.7\% |
| \$35-\$70 | 2,392 | 2.1\% | \$40,000-\$60,000 | 23,262 | 20.4\% |
| \$70-\$105 | 3,992 | 3.5\% | \$60,000-\$80,000 | 20,816 | 18.3\% |
| \$105-\$140 | 6,307 | 5.5\% | \$80,000-\$100,000 | 14,395 | 12.6\% |
| \$140-\$175 | 10,073 | 8.8\% | \$100,000-\$120,000 | 8,583 | 7.5\% |
| \$175-\$210 | 15,741 | 13.8\% | \$120,000-\$140,000 | 4,713 | 4.1\% |
| \$210-\$245 | 26,337 | 23.1\% | \$140,000-\$160,000 | 2,886 | 2.5\% |
| \$245-\$280 | 30,118 | 26.4\% | \$160,000-\$180,000 | 1,686 | 1.5\% |
| \$280-\$304 | 14,911 | 13.1\% | More than \$180,000 | 6,439 | 5.6\% |
| Total | 114,039 | 100.0\% | Total | 114,039 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 87,017 | 76.3\% | 1.0 or less | 6,906 | 6.1\% |
| \$1-\$200 | 7,451 | 6.5\% | 1.0-2.0 | 33,039 | 29.0\% |
| \$200-\$400 | 5,942 | 5.2\% | 2.0-3.0 | 32,566 | 28.6\% |
| \$400-\$600 | 4,750 | 4.2\% | 3.0-4.0 | 17,055 | 15.0\% |
| \$600-\$800 | 3,530 | 3.1\% | 4.0-5.0 | 8,489 | 7.4\% |
| \$800-\$1,000 | 2,089 | 1.8\% | 5.0-6.0 | 4,739 | 4.2\% |
| \$1,000-\$1,200 | 1,530 | 1.3\% | 6.0-7.0 | 2,770 | 2.4\% |
| \$1,200-\$1,400 | 953 | 0.8\% | 7.0-8.0 | 1,888 | 1.7\% |
| \$1,400-\$1,600 | 461 | 0.4\% | 8.0-9.0 | 1,312 | 1.2\% |
| More than \$1,600 | 316 | 0.3\% | More than 9.0 | 5,275 | 4.6\% |
| Total | 114,039 | 100.0\% | Total | 114,039 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 8,867 | 7.8\% | 1.0\% or less | 8,370 | 7.3\% |
| \$500-\$1,000 | 21,457 | 18.8\% | 1.0\%-2.0\% | 31,040 | 27.2\% |
| \$1,000-\$1,500 | 27,554 | 24.2\% | 2.0\%-3.0\% | 37,227 | 32.6\% |
| \$1,500-\$2,000 | 22,144 | 19.4\% | 3.0\%-4.0\% | 21,424 | 18.8\% |
| \$2,000-\$2,500 | 13,604 | 11.9\% | 4.0\%-5.0\% | 6,625 | 5.8\% |
| \$2,500-\$3,000 | 7,874 | 6.9\% | 5.0\%-6.0\% | 2,728 | 2.4\% |
| \$3,000-\$3,500 | 4,838 | 4.2\% | 6.0\%-7.0\% | 1,550 | 1.4\% |
| \$3,500-\$4,000 | 2,860 | 2.5\% | 7.0\%-8.0\% | 1,035 | 0.9\% |
| \$4,000-\$4,500 | 1,682 | 1.5\% | 8.0\%-9.0\% | 651 | 0.6\% |
| More than \$4,500 | 3,159 | 2.8\% | More than 9.0\% | 3,389 | 3.0\% |
| Total | 114,039 | 100.0\% | Total | 114,039 | 100.0\% |

### 3.12 Southwest

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 7,334 | 26.4\% | 0.15\% or less | 103 | 0.4\% |
| \$50,000-\$100,000 | 11,270 | 40.5\% | 0.15\%-0.30\% | 274 | 1.0\% |
| \$100,000-\$150,000 | 5,504 | 19.8\% | 0.30\%-0.45\% | 775 | 2.8\% |
| \$150,000-\$200,000 | 2,087 | 7.5\% | 0.45\%-0.60\% | 1,460 | 5.2\% |
| \$200,000-\$250,000 | 887 | 3.2\% | 0.60\%-0.75\% | 1,948 | 7.0\% |
| \$250,000-\$300,000 | 395 | 1.4\% | 0.75\%-0.90\% | 2,734 | 9.8\% |
| \$300,000-\$350,000 | 177 | 0.6\% | 0.90\%-1.05\% | 2,947 | 10.6\% |
| \$350,000-\$400,000 | 89 | 0.3\% | 1.05\%-1.20\% | 4,156 | 14.9\% |
| \$400,000-\$450,000 | 48 | 0.2\% | 1.20\%-1.35\% | 5,232 | 18.8\% |
| More than \$450,000 | 25 | 0.1\% | More than 1.35\% | 8,187 | 29.4\% |
| Total | 27,816 | 100.0\% | Total | 27,816 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 52 | 0.2\% | \$20,000 or less | 4,023 | 14.5\% |
| \$1-\$35 | 272 | 1.0\% | \$20,000-\$40,000 | 6,811 | 24.5\% |
| \$35-\$70 | 922 | 3.3\% | \$40,000-\$60,000 | 6,455 | 23.2\% |
| \$70-\$105 | 1,543 | 5.5\% | \$60,000-\$80,000 | 4,665 | 16.8\% |
| \$105-\$140 | 1,950 | 7.0\% | \$80,000-\$100,000 | 2,506 | 9.0\% |
| \$140-\$175 | 2,559 | 9.2\% | \$100,000-\$120,000 | 1,223 | 4.4\% |
| \$175-\$210 | 3,118 | 11.2\% | \$120,000-\$140,000 | 644 | 2.3\% |
| \$210-\$245 | 4,292 | 15.4\% | \$140,000-\$160,000 | 408 | 1.5\% |
| \$245-\$280 | 6,615 | 23.8\% | \$160,000-\$180,000 | 226 | 0.8\% |
| \$280-\$304 | 6,493 | 23.3\% | More than \$180,000 | 855 | 3.1\% |
| Total | 27,816 | 100.0\% | Total | 27,816 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 21,159 | 76.1\% | 1.0 or less | 6,790 | 24.4\% |
| \$1-\$200 | 3,066 | 11.0\% | 1.0-2.0 | 11,013 | 39.6\% |
| \$200-\$400 | 1,439 | 5.2\% | 2.0-3.0 | 5,058 | 18.2\% |
| \$400-\$600 | 887 | 3.2\% | 3.0-4.0 | 2,106 | 7.6\% |
| \$600-\$800 | 521 | 1.9\% | 4.0-5.0 | 1,009 | 3.6\% |
| \$800-\$1,000 | 347 | 1.2\% | 5.0-6.0 | 550 | 2.0\% |
| \$1,000-\$1,200 | 189 | 0.7\% | 6.0-7.0 | 339 | 1.2\% |
| \$1,200-\$1,400 | 114 | 0.4\% | 7.0-8.0 | 217 | 0.8\% |
| \$1,400-\$1,600 | 59 | 0.2\% | 8.0-9.0 | 111 | 0.4\% |
| More than \$1,600 | 35 | 0.1\% | More than 9.0 | 623 | 2.2\% |
| Total | 27,816 | 100.0\% | Total | 27,816 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 7,483 | 26.9\% | 1.0\% or less | 5,750 | 20.7\% |
| \$500-\$1,000 | 9,514 | 34.2\% | 1.0\%-2.0\% | 9,949 | 35.8\% |
| \$1,000-\$1,500 | 5,072 | 18.2\% | 2.0\%-3.0\% | 6,806 | 24.5\% |
| \$1,500-\$2,000 | 2,659 | 9.6\% | 3.0\%-4.0\% | 2,790 | 10.0\% |
| \$2,000-\$2,500 | 1,382 | 5.0\% | 4.0\%-5.0\% | 1,026 | 3.7\% |
| \$2,500-\$3,000 | 681 | 2.4\% | 5.0\%-6.0\% | 458 | 1.6\% |
| \$3,000-\$3,500 | 452 | 1.6\% | 6.0\%-7.0\% | 237 | 0.9\% |
| \$3,500-\$4,000 | 252 | 0.9\% | 7.0\%-8.0\% | 133 | 0.5\% |
| \$4,000-\$4,500 | 127 | 0.5\% | 8.0\%-9.0\% | 99 | 0.4\% |
| More than \$4,500 | 194 | 0.7\% | More than 9.0\% | 568 | 2.0\% |
| Total | 27,816 | 100.0\% | Total | 27,816 | 100.0\% |

### 3.13 West Central

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 2,889 | 5.8\% | 0.15\% or less | 620 | 1.2\% |
| \$50,000-\$100,000 | 10,856 | 21.7\% | 0.15\%-0.30\% | 1,866 | 3.7\% |
| \$100,000-\$150,000 | 14,482 | 28.9\% | 0.30\%-0.45\% | 3,944 | 7.9\% |
| \$150,000-\$200,000 | 8,696 | 17.4\% | 0.45\%-0.60\% | 6,658 | 13.3\% |
| \$200,000-\$250,000 | 4,712 | 9.4\% | 0.60\%-0.75\% | 9,588 | 19.2\% |
| \$250,000-\$300,000 | 2,702 | 5.4\% | 0.75\%-0.90\% | 9,392 | 18.8\% |
| \$300,000-\$350,000 | 1,806 | 3.6\% | 0.90\%-1.05\% | 7,756 | 15.5\% |
| \$350,000-\$400,000 | 1,265 | 2.5\% | 1.05\%-1.20\% | 5,809 | 11.6\% |
| \$400,000-\$450,000 | 836 | 1.7\% | 1.20\%-1.35\% | 2,074 | 4.1\% |
| More than \$450,000 | 1,791 | 3.6\% | More than 1.35\% | 2,328 | 4.7\% |
| Total | 50,035 | 100.0\% | Total | 50,035 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 1,948 | 3.9\% | \$20,000 or less | 6,047 | 12.1\% |
| \$1-\$35 | 814 | 1.6\% | \$20,000-\$40,000 | 10,820 | 21.6\% |
| \$35-\$70 | 1,373 | 2.7\% | \$40,000-\$60,000 | 11,292 | 22.6\% |
| \$70-\$105 | 1,913 | 3.8\% | \$60,000-\$80,000 | 8,855 | 17.7\% |
| \$105-\$140 | 2,671 | 5.3\% | \$80,000-\$100,000 | 5,352 | 10.7\% |
| \$140-\$175 | 4,017 | 8.0\% | \$100,000-\$120,000 | 2,858 | 5.7\% |
| \$175-\$210 | 6,161 | 12.3\% | \$120,000-\$140,000 | 1,456 | 2.9\% |
| \$210-\$245 | 9,553 | 19.1\% | \$140,000-\$160,000 | 836 | 1.7\% |
| \$245-\$280 | 13,342 | 26.7\% | \$160,000-\$180,000 | 508 | 1.0\% |
| \$280-\$304 | 8,243 | 16.5\% | More than \$180,000 | 2,011 | 4.0\% |
| Total | 50,035 | 100.0\% | Total | 50,035 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 39,485 | 78.9\% | 1.0 or less | 3,688 | 7.4\% |
| \$1-\$200 | 3,466 | 6.9\% | 1.0-2.0 | 13,420 | 26.8\% |
| \$200-\$400 | 2,403 | 4.8\% | 2.0-3.0 | 12,183 | 24.3\% |
| \$400-\$600 | 1,754 | 3.5\% | 3.0-4.0 | 6,934 | 13.9\% |
| \$600-\$800 | 1,136 | 2.3\% | 4.0-5.0 | 4,158 | 8.3\% |
| \$800-\$1,000 | 689 | 1.4\% | 5.0-6.0 | 2,496 | 5.0\% |
| \$1,000-\$1,200 | 457 | 0.9\% | 6.0-7.0 | 1,641 | 3.3\% |
| \$1,200-\$1,400 | 341 | 0.7\% | 7.0-8.0 | 1,150 | 2.3\% |
| \$1,400-\$1,600 | 168 | 0.3\% | 8.0-9.0 | 797 | 1.6\% |
| More than \$1,600 | 136 | 0.3\% | More than 9.0 | 3,568 | 7.1\% |
| Total | 50,035 | 100.0\% | Total | 50,035 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 8,214 | 16.4\% | 1.0\% or less | 6,847 | 13.7\% |
| \$500-\$1,000 | 13,940 | 27.9\% | 1.0\%-2.0\% | 16,923 | 33.8\% |
| \$1,000-\$1,500 | 12,346 | 24.7\% | 2.0\%-3.0\% | 14,056 | 28.1\% |
| \$1,500-\$2,000 | 7,013 | 14.0\% | 3.0\%-4.0\% | 6,352 | 12.7\% |
| \$2,000-\$2,500 | 3,689 | 7.4\% | 4.0\%-5.0\% | 2,185 | 4.4\% |
| \$2,500-\$3,000 | 2,093 | 4.2\% | 5.0\%-6.0\% | 992 | 2.0\% |
| \$3,000-\$3,500 | 1,117 | 2.2\% | 6.0\%-7.0\% | 538 | 1.1\% |
| \$3,500-\$4,000 | 702 | 1.4\% | 7.0\%-8.0\% | 383 | 0.8\% |
| \$4,000-\$4,500 | 318 | 0.6\% | 8.0\%-9.0\% | 259 | 0.5\% |
| More than \$4,500 | 603 | 1.2\% | More than 9.0\% | 1,500 | 3.0\% |
| Total | 50,035 | 100.0\% | Total | 50,035 | 100.0\% |

### 3.14 Anoka

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 101 | 0.1\% | 0.15\% or less | 135 | 0.2\% |
| \$50,000-\$100,000 | 503 | 0.6\% | 0.15\%-0.30\% | 1,021 | 1.1\% |
| \$100,000-\$150,000 | 3,507 | 3.9\% | 0.30\%-0.45\% | 2,363 | 2.6\% |
| \$150,000-\$200,000 | 26,203 | 29.1\% | 0.45\%-0.60\% | 3,362 | 3.7\% |
| \$200,000-\$250,000 | 30,381 | 33.8\% | 0.60\%-0.75\% | 8,239 | 9.2\% |
| \$250,000-\$300,000 | 12,425 | 13.8\% | 0.75\%-0.90\% | 11,818 | 13.1\% |
| \$300,000-\$350,000 | 7,597 | 8.4\% | 0.90\%-1.05\% | 40,865 | 45.4\% |
| \$350,000-\$400,000 | 4,204 | 4.7\% | 1.05\%-1.20\% | 17,574 | 19.5\% |
| \$400,000-\$450,000 | 2,234 | 2.5\% | 1.20\%-1.35\% | 4,499 | 5.0\% |
| More than \$450,000 | 2,841 | 3.2\% | More than 1.35\% | 120 | 0.1\% |
| Total | 89,996 | 100.0\% | Total | 89,996 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 4,235 | 4.7\% | \$20,000 or less | 5,029 | 5.6\% |
| \$1-\$35 | 2,506 | 2.8\% | \$20,000-\$40,000 | 11,899 | 13.2\% |
| \$35-\$70 | 4,205 | 4.7\% | \$40,000-\$60,000 | 17,868 | 19.9\% |
| \$70-\$105 | 6,414 | 7.1\% | \$60,000-\$80,000 | 17,504 | 19.4\% |
| \$105-\$140 | 9,186 | 10.2\% | \$80,000-\$100,000 | 13,860 | 15.4\% |
| \$140-\$175 | 18,170 | 20.2\% | \$100,000-\$120,000 | 8,964 | 10.0\% |
| \$175-\$210 | 30,696 | 34.1\% | \$120,000-\$140,000 | 5,093 | 5.7\% |
| \$210-\$245 | 12,209 | 13.6\% | \$140,000-\$160,000 | 2,953 | 3.3\% |
| \$245-\$280 | 1,998 | 2.2\% | \$160,000-\$180,000 | 1,684 | 1.9\% |
| \$280-\$304 | 377 | 0.4\% | More than \$180,000 | 5,142 | 5.7\% |
| Total | 89,996 | 100.0\% | Total | 89,996 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 58,790 | 65.3\% | 1.0 or less | 1,899 | 2.1\% |
| \$1-\$200 | 7,038 | 7.8\% | 1.0-2.0 | 11,896 | 13.2\% |
| \$200-\$400 | 5,012 | 5.6\% | 2.0-3.0 | 26,476 | 29.4\% |
| \$400-\$600 | 5,035 | 5.6\% | 3.0-4.0 | 20,106 | 22.3\% |
| \$600-\$800 | 4,202 | 4.7\% | 4.0-5.0 | 10,540 | 11.7\% |
| \$800-\$1,000 | 3,219 | 3.6\% | 5.0-6.0 | 5,640 | 6.3\% |
| \$1,000-\$1,200 | 2,479 | 2.8\% | 6.0-7.0 | 3,310 | 3.7\% |
| \$1,200-\$1,400 | 1,989 | 2.2\% | 7.0-8.0 | 2,093 | 2.3\% |
| \$1,400-\$1,600 | 1,191 | 1.3\% | 8.0-9.0 | 1,459 | 1.6\% |
| More than \$1,600 | 1,041 | 1.2\% | More than 9.0 | 6,577 | 7.3\% |
| Total | 89,996 | 100.0\% | Total | 89,996 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 1,255 | 1.4\% | 1.0\% or less | 1,996 | 2.2\% |
| \$500-\$1,000 | 3,930 | 4.4\% | 1.0\%-2.0\% | 11,635 | 12.9\% |
| \$1,000-\$1,500 | 11,385 | 12.7\% | 2.0\%-3.0\% | 28,395 | 31.6\% |
| \$1,500-\$2,000 | 22,344 | 24.8\% | 3.0\%-4.0\% | 28,541 | 31.7\% |
| \$2,000-\$2,500 | 22,810 | 25.3\% | 4.0\%-5.0\% | 9,347 | 10.4\% |
| \$2,500-\$3,000 | 11,360 | 12.6\% | 5.0\%-6.0\% | 3,174 | 3.5\% |
| \$3,000-\$3,500 | 6,754 | 7.5\% | 6.0\%-7.0\% | 1,667 | 1.9\% |
| \$3,500-\$4,000 | 3,838 | 4.3\% | 7.0\%-8.0\% | 978 | 1.1\% |
| \$4,000-\$4,500 | 2,388 | 2.7\% | 8.0\%-9.0\% | 633 | 0.7\% |
| More than \$4,500 | 3,932 | 4.4\% | More than 9.0\% | 3,630 | 4.0\% |
| Total | 89,996 | 100.0\% | Total | 89,996 | 100.0\% |

### 3.15 Carver/Scott

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 131 | 0.2\% | 0.15\% or less | 48 | 0.1\% |
| \$50,000-\$100,000 | 374 | 0.6\% | 0.15\%-0.30\% | 390 | 0.7\% |
| \$100,000-\$150,000 | 2,331 | 3.9\% | 0.30\%-0.45\% | 876 | 1.5\% |
| \$150,000-\$200,000 | 10,532 | 17.8\% | 0.45\%-0.60\% | 1,942 | 3.3\% |
| \$200,000-\$250,000 | 13,463 | 22.8\% | 0.60\%-0.75\% | 4,556 | 7.7\% |
| \$250,000-\$300,000 | 9,585 | 16.2\% | 0.75\%-0.90\% | 7,180 | 12.1\% |
| \$300,000-\$350,000 | 6,696 | 11.3\% | 0.90\%-1.05\% | 13,649 | 23.1\% |
| \$350,000-\$400,000 | 4,565 | 7.7\% | 1.05\%-1.20\% | 17,764 | 30.1\% |
| \$400,000-\$450,000 | 3,274 | 5.5\% | 1.20\%-1.35\% | 10,752 | 18.2\% |
| More than \$450,000 | 8,162 | 13.8\% | More than 1.35\% | 1,956 | 3.3\% |
| Total | 59,113 | 100.0\% | Total | 59,113 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 10,104 | 17.1\% | \$20,000 or less | 2,644 | 4.5\% |
| \$1-\$35 | 3,114 | 5.3\% | \$20,000-\$40,000 | 5,880 | 9.9\% |
| \$35-\$70 | 4,119 | 7.0\% | \$40,000-\$60,000 | 9,049 | 15.3\% |
| \$70-\$105 | 5,518 | 9.3\% | \$60,000-\$80,000 | 9,592 | 16.2\% |
| \$105-\$140 | 7,386 | 12.5\% | \$80,000-\$100,000 | 8,885 | 15.0\% |
| \$140-\$175 | 10,514 | 17.8\% | \$100,000-\$120,000 | 6,499 | 11.0\% |
| \$175-\$210 | 9,518 | 16.1\% | \$120,000-\$140,000 | 4,407 | 7.5\% |
| \$210-\$245 | 7,031 | 11.9\% | \$140,000-\$160,000 | 2,842 | 4.8\% |
| \$245-\$280 | 1,413 | 2.4\% | \$160,000-\$180,000 | 1,959 | 3.3\% |
| \$280-\$304 | 396 | 0.7\% | More than \$180,000 | 7,356 | 12.4\% |
| Total | 59,113 | 100.0\% | Total | 59,113 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 42,357 | 71.7\% | 1.0 or less | 1,809 | 3.1\% |
| \$1-\$200 | 2,817 | 4.8\% | 1.0-2.0 | 8,730 | 14.8\% |
| \$200-\$400 | 2,498 | 4.2\% | 2.0-3.0 | 16,706 | 28.3\% |
| \$400-\$600 | 2,385 | 4.0\% | 3.0-4.0 | 12,758 | 21.6\% |
| \$600-\$800 | 2,217 | 3.8\% | 4.0-5.0 | 6,661 | 11.3\% |
| \$800-\$1,000 | 1,901 | 3.2\% | 5.0-6.0 | 3,630 | 6.1\% |
| \$1,000-\$1,200 | 1,893 | 3.2\% | 6.0-7.0 | 2,087 | 3.5\% |
| \$1,200-\$1,400 | 1,641 | 2.8\% | 7.0-8.0 | 1,380 | 2.3\% |
| \$1,400-\$1,600 | 732 | 1.2\% | 8.0-9.0 | 945 | 1.6\% |
| More than \$1,600 | 672 | 1.1\% | More than 9.0 | 4,407 | 7.5\% |
| Total | 59,113 | 100.0\% | Total | 59,113 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 541 | 0.9\% | 1.0\% or less | 1,657 | 2.8\% |
| \$500-\$1,000 | 1,727 | 2.9\% | 1.0\%-2.0\% | 6,927 | 11.7\% |
| \$1,000-\$1,500 | 4,529 | 7.7\% | 2.0\%-3.0\% | 15,664 | 26.5\% |
| \$1,500-\$2,000 | 8,982 | 15.2\% | 3.0\%-4.0\% | 17,826 | 30.2\% |
| \$2,000-\$2,500 | 9,529 | 16.1\% | 4.0\%-5.0\% | 7,859 | 13.3\% |
| \$2,500-\$3,000 | 8,651 | 14.6\% | 5.0\%-6.0\% | 2,864 | 4.8\% |
| \$3,000-\$3,500 | 6,411 | 10.8\% | 6.0\%-7.0\% | 1,617 | 2.7\% |
| \$3,500-\$4,000 | 5,252 | 8.9\% | 7.0\%-8.0\% | 938 | 1.6\% |
| \$4,000-\$4,500 | 3,463 | 5.9\% | 8.0\%-9.0\% | 621 | 1.1\% |
| More than \$4,500 | 10,028 | 17.0\% | More than 9.0\% | 3,140 | 5.3\% |
| Total | 59,113 | 100.0\% | Total | 59,113 | 100.0\% |

### 3.16 Dakota

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 21 | 0.0\% | 0.15\% or less | 158 | 0.1\% |
| \$50,000-\$100,000 | 1,398 | 1.3\% | 0.15\%-0.30\% | 761 | 0.7\% |
| \$100,000-\$150,000 | 5,280 | 4.8\% | 0.30\%-0.45\% | 1,884 | 1.7\% |
| \$150,000-\$200,000 | 22,185 | 20.3\% | 0.45\%-0.60\% | 3,745 | 3.4\% |
| \$200,000-\$250,000 | 27,077 | 24.7\% | 0.60\%-0.75\% | 9,382 | 8.6\% |
| \$250,000-\$300,000 | 19,947 | 18.2\% | 0.75\%-0.90\% | 17,924 | 16.4\% |
| \$300,000-\$350,000 | 12,111 | 11.1\% | 0.90\%-1.05\% | 43,280 | 39.5\% |
| \$350,000-\$400,000 | 7,930 | 7.2\% | 1.05\%-1.20\% | 25,738 | 23.5\% |
| \$400,000-\$450,000 | 5,118 | 4.7\% | 1.20\%-1.35\% | 4,241 | 3.9\% |
| More than \$450,000 | 8,430 | 7.7\% | More than 1.35\% | 2,384 | 2.2\% |
| Total | 109,497 | 100.0\% | Total | 109,497 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 11,886 | 10.9\% | \$20,000 or less | 5,208 | 4.8\% |
| \$1-\$35 | 5,117 | 4.7\% | \$20,000-\$40,000 | 12,213 | 11.2\% |
| \$35-\$70 | 7,315 | 6.7\% | \$40,000-\$60,000 | 18,885 | 17.2\% |
| \$70-\$105 | 10,047 | 9.2\% | \$60,000-\$80,000 | 18,516 | 16.9\% |
| \$105-\$140 | 14,985 | 13.7\% | \$80,000-\$100,000 | 16,065 | 14.7\% |
| \$140-\$175 | 21,312 | 19.5\% | \$100,000-\$120,000 | 11,578 | 10.6\% |
| \$175-\$210 | 19,889 | 18.2\% | \$120,000-\$140,000 | 7,587 | 6.9\% |
| \$210-\$245 | 14,315 | 13.1\% | \$140,000-\$160,000 | 4,966 | 4.5\% |
| \$245-\$280 | 3,279 | 3.0\% | \$160,000-\$180,000 | 3,243 | 3.0\% |
| \$280-\$304 | 1,352 | 1.2\% | More than \$180,000 | 11,236 | 10.3\% |
| Total | 109,497 | 100.0\% | Total | 109,497 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 80,139 | 73.2\% | 1.0 or less | 2,845 | 2.6\% |
| \$1-\$200 | 5,671 | 5.2\% | 1.0-2.0 | 16,507 | 15.1\% |
| \$200-\$400 | 4,774 | 4.4\% | 2.0-3.0 | 32,309 | 29.5\% |
| \$400-\$600 | 4,745 | 4.3\% | 3.0-4.0 | 23,789 | 21.7\% |
| \$600-\$800 | 4,023 | 3.7\% | 4.0-5.0 | 12,556 | 11.5\% |
| \$800-\$1,000 | 3,258 | 3.0\% | 5.0-6.0 | 6,503 | 5.9\% |
| \$1,000-\$1,200 | 2,741 | 2.5\% | 6.0-7.0 | 3,667 | 3.3\% |
| \$1,200-\$1,400 | 2,201 | 2.0\% | 7.0-8.0 | 2,406 | 2.2\% |
| \$1,400-\$1,600 | 1,034 | 0.9\% | 8.0-9.0 | 1,596 | 1.5\% |
| More than \$1,600 | 911 | 0.8\% | More than 9.0 | 7,319 | 6.7\% |
| Total | 109,497 | 100.0\% | Total | 109,497 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 1,270 | 1.2\% | 1.0\% or less | 3,259 | 3.0\% |
| \$500-\$1,000 | 4,606 | 4.2\% | 1.0\%-2.0\% | 16,944 | 15.5\% |
| \$1,000-\$1,500 | 12,264 | 11.2\% | 2.0\%-3.0\% | 33,154 | 30.3\% |
| \$1,500-\$2,000 | 20,181 | 18.4\% | 3.0\%-4.0\% | 30,934 | 28.3\% |
| \$2,000-\$2,500 | 20,526 | 18.7\% | 4.0\%-5.0\% | 11,389 | 10.4\% |
| \$2,500-\$3,000 | 16,569 | 15.1\% | 5.0\%-6.0\% | 4,101 | 3.7\% |
| \$3,000-\$3,500 | 10,770 | 9.8\% | 6.0\%-7.0\% | 2,256 | 2.1\% |
| \$3,500-\$4,000 | 7,398 | 6.8\% | 7.0\%-8.0\% | 1,439 | 1.3\% |
| \$4,000-\$4,500 | 5,301 | 4.8\% | 8.0\%-9.0\% | 1,003 | 0.9\% |
| More than \$4,500 | 10,612 | 9.7\% | More than 9.0\% | 5,018 | 4.6\% |
| Total | 109,497 | 100.0\% | Total | 109,497 | 100.0\% |

### 3.17 Minneapolis

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 93 | 0.1\% | 0.15\% or less | 115 | 0.2\% |
| \$50,000-\$100,000 | 1,840 | 2.5\% | 0.15\%-0.30\% | 1,195 | 1.6\% |
| \$100,000-\$150,000 | 8,326 | 11.3\% | 0.30\%-0.45\% | 1,563 | 2.1\% |
| \$150,000-\$200,000 | 18,133 | 24.6\% | 0.45\%-0.60\% | 2,623 | 3.6\% |
| \$200,000-\$250,000 | 18,088 | 24.6\% | 0.60\%-0.75\% | 4,865 | 6.6\% |
| \$250,000-\$300,000 | 10,110 | 13.7\% | 0.75\%-0.90\% | 7,463 | 10.1\% |
| \$300,000-\$350,000 | 5,544 | 7.5\% | 0.90\%-1.05\% | 9,920 | 13.5\% |
| \$350,000-\$400,000 | 3,387 | 4.6\% | 1.05\%-1.20\% | 19,379 | 26.3\% |
| \$400,000-\$450,000 | 1,960 | 2.7\% | 1.20\%-1.35\% | 24,303 | 33.0\% |
| More than \$450,000 | 6,124 | 8.3\% | More than 1.35\% | 2,179 | 3.0\% |
| Total | 73,605 | 100.0\% | Total | 73,605 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 7,234 | 9.8\% | \$20,000 or less | 8,117 | 11.0\% |
| \$1-\$35 | 2,022 | 2.7\% | \$20,000-\$40,000 | 12,943 | 17.6\% |
| \$35-\$70 | 2,996 | 4.1\% | \$40,000-\$60,000 | 14,654 | 19.9\% |
| \$70-\$105 | 4,515 | 6.1\% | \$60,000-\$80,000 | 11,342 | 15.4\% |
| \$105-\$140 | 7,270 | 9.9\% | \$80,000-\$100,000 | 7,753 | 10.5\% |
| \$140-\$175 | 11,654 | 15.8\% | \$100,000-\$120,000 | 4,986 | 6.8\% |
| \$175-\$210 | 15,959 | 21.7\% | \$120,000-\$140,000 | 3,172 | 4.3\% |
| \$210-\$245 | 13,049 | 17.7\% | \$140,000-\$160,000 | 2,207 | 3.0\% |
| \$245-\$280 | 7,036 | 9.6\% | \$160,000-\$180,000 | 1,479 | 2.0\% |
| \$280-\$304 | 1,870 | 2.5\% | More than \$180,000 | 6,952 | 9.4\% |
| Total | 73,605 | 100.0\% | Total | 73,605 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 45,075 | 61.2\% | 1.0 or less | 2,037 | 2.8\% |
| \$1-\$200 | 4,578 | 6.2\% | 1.0-2.0 | 10,080 | 13.7\% |
| \$200-\$400 | 3,436 | 4.7\% | 2.0-3.0 | 16,885 | 22.9\% |
| \$400-\$600 | 3,788 | 5.1\% | 3.0-4.0 | 13,747 | 18.7\% |
| \$600-\$800 | 3,579 | 4.9\% | 4.0-5.0 | 8,572 | 11.6\% |
| \$800-\$1,000 | 3,429 | 4.7\% | 5.0-6.0 | 5,328 | 7.2\% |
| \$1,000-\$1,200 | 3,371 | 4.6\% | 6.0-7.0 | 3,410 | 4.6\% |
| \$1,200-\$1,400 | 3,241 | 4.4\% | 7.0-8.0 | 2,354 | 3.2\% |
| \$1,400-\$1,600 | 1,811 | 2.5\% | 8.0-9.0 | 1,721 | 2.3\% |
| More than \$1,600 | 1,297 | 1.8\% | More than 9.0 | 9,471 | 12.9\% |
| Total | 73,605 | 100.0\% | Total | 73,605 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 1,755 | 2.4\% | 1.0\% or less | 1,552 | 2.1\% |
| \$500-\$1,000 | 4,942 | 6.7\% | 1.0\%-2.0\% | 7,205 | 9.8\% |
| \$1,000-\$1,500 | 9,282 | 12.6\% | 2.0\%-3.0\% | 15,346 | 20.8\% |
| \$1,500-\$2,000 | 12,093 | 16.4\% | 3.0\%-4.0\% | 19,878 | 27.0\% |
| \$2,000-\$2,500 | 12,315 | 16.7\% | 4.0\%-5.0\% | 11,116 | 15.1\% |
| \$2,500-\$3,000 | 9,393 | 12.8\% | 5.0\%-6.0\% | 4,993 | 6.8\% |
| \$3,000-\$3,500 | 6,726 | 9.1\% | 6.0\%-7.0\% | 2,921 | 4.0\% |
| \$3,500-\$4,000 | 4,343 | 5.9\% | 7.0\%-8.0\% | 1,979 | 2.7\% |
| \$4,000-\$4,500 | 2,869 | 3.9\% | 8.0\%-9.0\% | 1,361 | 1.8\% |
| More than \$4,500 | 9,887 | 13.4\% | More than 9.0\% | 7,254 | 9.9\% |
| Total | 73,605 | 100.0\% | Total | 73,605 | 100.0\% |

### 3.18 North Hennepin

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 51 | 0.1\% | 0.15\% or less | 48 | 0.1\% |
| \$50,000-\$100,000 | 517 | 0.7\% | 0.15\%-0.30\% | 406 | 0.5\% |
| \$100,000-\$150,000 | 2,916 | 3.9\% | 0.30\%-0.45\% | 1,095 | 1.5\% |
| \$150,000-\$200,000 | 18,308 | 24.3\% | 0.45\%-0.60\% | 2,381 | 3.2\% |
| \$200,000-\$250,000 | 27,237 | 36.2\% | 0.60\%-0.75\% | 4,782 | 6.4\% |
| \$250,000-\$300,000 | 10,560 | 14.0\% | 0.75\%-0.90\% | 7,465 | 9.9\% |
| \$300,000-\$350,000 | 5,655 | 7.5\% | 0.90\%-1.05\% | 9,140 | 12.2\% |
| \$350,000-\$400,000 | 3,641 | 4.8\% | 1.05\%-1.20\% | 32,985 | 43.9\% |
| \$400,000-\$450,000 | 2,174 | 2.9\% | 1.20\%-1.35\% | 16,782 | 22.3\% |
| More than \$450,000 | 4,142 | 5.5\% | More than 1.35\% | 117 | 0.2\% |
| Total | 75,201 | 100.0\% | Total | 75,201 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 5,577 | 7.4\% | \$20,000 or less | 4,607 | 6.1\% |
| \$1-\$35 | 2,286 | 3.0\% | \$20,000-\$40,000 | 10,326 | 13.7\% |
| \$35-\$70 | 3,346 | 4.4\% | \$40,000-\$60,000 | 14,076 | 18.7\% |
| \$70-\$105 | 4,759 | 6.3\% | \$60,000-\$80,000 | 13,383 | 17.8\% |
| \$105-\$140 | 7,629 | 10.1\% | \$80,000-\$100,000 | 10,659 | 14.2\% |
| \$140-\$175 | 17,277 | 23.0\% | \$100,000-\$120,000 | 7,216 | 9.6\% |
| \$175-\$210 | 23,559 | 31.3\% | \$120,000-\$140,000 | 4,459 | 5.9\% |
| \$210-\$245 | 8,358 | 11.1\% | \$140,000-\$160,000 | 2,865 | 3.8\% |
| \$245-\$280 | 2,010 | 2.7\% | \$160,000-\$180,000 | 1,818 | 2.4\% |
| \$280-\$304 | 400 | 0.5\% | More than \$180,000 | 5,792 | 7.7\% |
| Total | 75,201 | 100.0\% | Total | 75,201 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 49,255 | 65.5\% | 1.0 or less | 1,654 | 2.2\% |
| \$1-\$200 | 3,008 | 4.0\% | 1.0-2.0 | 10,579 | 14.1\% |
| \$200-\$400 | 3,464 | 4.6\% | 2.0-3.0 | 21,370 | 28.4\% |
| \$400-\$600 | 4,008 | 5.3\% | 3.0-4.0 | 16,003 | 21.3\% |
| \$600-\$800 | 3,813 | 5.1\% | 4.0-5.0 | 8,494 | 11.3\% |
| \$800-\$1,000 | 3,538 | 4.7\% | 5.0-6.0 | 4,734 | 6.3\% |
| \$1,000-\$1,200 | 2,995 | 4.0\% | 6.0-7.0 | 2,916 | 3.9\% |
| \$1,200-\$1,400 | 2,546 | 3.4\% | 7.0-8.0 | 1,994 | 2.7\% |
| \$1,400-\$1,600 | 1,459 | 1.9\% | 8.0-9.0 | 1,330 | 1.8\% |
| More than \$1,600 | 1,115 | 1.5\% | More than 9.0 | 6,127 | 8.1\% |
| Total | 75,201 | 100.0\% | Total | 75,201 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 523 | 0.7\% | 1.0\% or less | 1,317 | 1.8\% |
| \$500-\$1,000 | 2,697 | 3.6\% | 1.0\%-2.0\% | 6,853 | 9.1\% |
| \$1,000-\$1,500 | 6,680 | 8.9\% | 2.0\%-3.0\% | 18,335 | 24.4\% |
| \$1,500-\$2,000 | 11,760 | 15.6\% | 3.0\%-4.0\% | 25,143 | 33.4\% |
| \$2,000-\$2,500 | 17,325 | 23.0\% | 4.0\%-5.0\% | 11,047 | 14.7\% |
| \$2,500-\$3,000 | 14,820 | 19.7\% | 5.0\%-6.0\% | 3,749 | 5.0\% |
| \$3,000-\$3,500 | 6,764 | 9.0\% | 6.0\%-7.0\% | 1,995 | 2.7\% |
| \$3,500-\$4,000 | 4,570 | 6.1\% | 7.0\%-8.0\% | 1,306 | 1.7\% |
| \$4,000-\$4,500 | 3,249 | 4.3\% | 8.0\%-9.0\% | 915 | 1.2\% |
| More than \$4,500 | 6,813 | 9.1\% | More than 9.0\% | 4,541 | 6.0\% |
| Total | 75,201 | 100.0\% | Total | 75,201 | 100.0\% |

### 3.19 Saint Paul

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 117 | 0.2\% | 0.15\% or less | 236 | 0.4\% |
| \$50,000-\$100,000 | 796 | 1.4\% | 0.15\%-0.30\% | 1,326 | 2.3\% |
| \$100,000-\$150,000 | 4,890 | 8.7\% | 0.30\%-0.45\% | 2,008 | 3.6\% |
| \$150,000-\$200,000 | 21,225 | 37.6\% | 0.45\%-0.60\% | 2,631 | 4.7\% |
| \$200,000-\$250,000 | 12,598 | 22.3\% | 0.60\%-0.75\% | 5,940 | 10.5\% |
| \$250,000-\$300,000 | 5,982 | 10.6\% | 0.75\%-0.90\% | 9,359 | 16.6\% |
| \$300,000-\$350,000 | 3,509 | 6.2\% | 0.90\%-1.05\% | 16,540 | 29.3\% |
| \$350,000-\$400,000 | 2,160 | 3.8\% | 1.05\%-1.20\% | 17,565 | 31.1\% |
| \$400,000-\$450,000 | 1,507 | 2.7\% | 1.20\%-1.35\% | 797 | 1.4\% |
| More than \$450,000 | 3,721 | 6.6\% | More than 1.35\% | 103 | 0.2\% |
| Total | 56,505 | 100.0\% | Total | 56,505 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 4,176 | 7.4\% | \$20,000 or less | 5,845 | 10.3\% |
| \$1-\$35 | 1,397 | 2.5\% | \$20,000-\$40,000 | 10,892 | 19.3\% |
| \$35-\$70 | 1,889 | 3.3\% | \$40,000-\$60,000 | 12,028 | 21.3\% |
| \$70-\$105 | 2,815 | 5.0\% | \$60,000-\$80,000 | 9,232 | 16.3\% |
| \$105-\$140 | 4,163 | 7.4\% | \$80,000-\$100,000 | 6,011 | 10.6\% |
| \$140-\$175 | 7,468 | 13.2\% | \$100,000-\$120,000 | 3,685 | 6.5\% |
| \$175-\$210 | 13,807 | 24.4\% | \$120,000-\$140,000 | 2,286 | 4.0\% |
| \$210-\$245 | 15,015 | 26.6\% | \$140,000-\$160,000 | 1,421 | 2.5\% |
| \$245-\$280 | 4,975 | 8.8\% | \$160,000-\$180,000 | 1,010 | 1.8\% |
| \$280-\$304 | 800 | 1.4\% | More than \$180,000 | 4,095 | 7.2\% |
| Total | 56,505 | 100.0\% | Total | 56,505 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 33,625 | 59.5\% | 1.0 or less | 1,221 | 2.2\% |
| \$1-\$200 | 5,476 | 9.7\% | 1.0-2.0 | 6,934 | 12.3\% |
| \$200-\$400 | 3,331 | 5.9\% | 2.0-3.0 | 13,297 | 23.5\% |
| \$400-\$600 | 3,471 | 6.1\% | 3.0-4.0 | 11,283 | 20.0\% |
| \$600-\$800 | 2,912 | 5.2\% | 4.0-5.0 | 7,116 | 12.6\% |
| \$800-\$1,000 | 2,333 | 4.1\% | 5.0-6.0 | 4,176 | 7.4\% |
| \$1,000-\$1,200 | 1,985 | 3.5\% | 6.0-7.0 | 2,761 | 4.9\% |
| \$1,200-\$1,400 | 1,641 | 2.9\% | 7.0-8.0 | 1,762 | 3.1\% |
| \$1,400-\$1,600 | 1,032 | 1.8\% | 8.0-9.0 | 1,346 | 2.4\% |
| More than \$1,600 | 699 | 1.2\% | More than 9.0 | 6,609 | 11.7\% |
| Total | 56,505 | 100.0\% | Total | 56,505 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 1,948 | 3.4\% | 1.0\% or less | 1,355 | 2.4\% |
| \$500-\$1,000 | 4,636 | 8.2\% | 1.0\%-2.0\% | 7,328 | 13.0\% |
| \$1,000-\$1,500 | 10,165 | 18.0\% | 2.0\%-3.0\% | 15,918 | 28.2\% |
| \$1,500-\$2,000 | 14,270 | 25.3\% | 3.0\%-4.0\% | 15,807 | 28.0\% |
| \$2,000-\$2,500 | 9,015 | 16.0\% | 4.0\%-5.0\% | 6,436 | 11.4\% |
| \$2,500-\$3,000 | 5,195 | 9.2\% | 5.0\%-6.0\% | 2,637 | 4.7\% |
| \$3,000-\$3,500 | 3,163 | 5.6\% | 6.0\%-7.0\% | 1,462 | 2.6\% |
| \$3,500-\$4,000 | 2,144 | 3.8\% | 7.0\%-8.0\% | 984 | 1.7\% |
| \$4,000-\$4,500 | 1,498 | 2.7\% | 8.0\%-9.0\% | 736 | 1.3\% |
| More than \$4,500 | 4,471 | 7.9\% | More than 9.0\% | 3,842 | 6.8\% |
| Total | 56,505 | 100.0\% | Total | 56,505 | 100.0\% |

### 3.20 Southeast Hennepin

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 31 | 0.0\% | 0.15\% or less | 67 | 0.1\% |
| \$50,000-\$100,000 | 1,710 | 2.4\% | 0.15\%-0.30\% | 473 | 0.7\% |
| \$100,000-\$150,000 | 3,836 | 5.4\% | 0.30\%-0.45\% | 1,611 | 2.3\% |
| \$150,000-\$200,000 | 8,995 | 12.7\% | 0.45\%-0.60\% | 2,748 | 3.9\% |
| \$200,000-\$250,000 | 22,087 | 31.1\% | 0.60\%-0.75\% | 6,617 | 9.3\% |
| \$250,000-\$300,000 | 12,133 | 17.1\% | 0.75\%-0.90\% | 8,896 | 12.5\% |
| \$300,000-\$350,000 | 6,557 | 9.2\% | 0.90\%-1.05\% | 23,904 | 33.6\% |
| \$350,000-\$400,000 | 3,902 | 5.5\% | 1.05\%-1.20\% | 22,184 | 31.2\% |
| \$400,000-\$450,000 | 2,676 | 3.8\% | 1.20\%-1.35\% | 4,339 | 6.1\% |
| More than \$450,000 | 9,133 | 12.9\% | More than 1.35\% | 221 | 0.3\% |
| Total | 71,060 | 100.0\% | Total | 71,060 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 10,901 | 15.3\% | \$20,000 or less | 4,523 | 6.4\% |
| \$1-\$35 | 2,630 | 3.7\% | \$20,000-\$40,000 | 9,601 | 13.5\% |
| \$35-\$70 | 3,599 | 5.1\% | \$40,000-\$60,000 | 12,506 | 17.6\% |
| \$70-\$105 | 5,568 | 7.8\% | \$60,000-\$80,000 | 11,127 | 15.7\% |
| \$105-\$140 | 8,834 | 12.4\% | \$80,000-\$100,000 | 8,567 | 12.1\% |
| \$140-\$175 | 16,978 | 23.9\% | \$100,000-\$120,000 | 5,979 | 8.4\% |
| \$175-\$210 | 12,733 | 17.9\% | \$120,000-\$140,000 | 4,011 | 5.6\% |
| \$210-\$245 | 5,090 | 7.2\% | \$140,000-\$160,000 | 2,778 | 3.9\% |
| \$245-\$280 | 3,234 | 4.6\% | \$160,000-\$180,000 | 1,885 | 2.7\% |
| \$280-\$304 | 1,493 | 2.1\% | More than \$180,000 | 10,083 | 14.2\% |
| Total | 71,060 | 100.0\% | Total | 71,060 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 48,199 | 67.8\% | 1.0 or less | 2,972 | 4.2\% |
| \$1-\$200 | 2,788 | 3.9\% | 1.0-2.0 | 10,963 | 15.4\% |
| \$200-\$400 | 3,139 | 4.4\% | 2.0-3.0 | 17,193 | 24.2\% |
| \$400-\$600 | 3,314 | 4.7\% | 3.0-4.0 | 13,666 | 19.2\% |
| \$600-\$800 | 3,190 | 4.5\% | 4.0-5.0 | 8,030 | 11.3\% |
| \$800-\$1,000 | 2,942 | 4.1\% | 5.0-6.0 | 4,850 | 6.8\% |
| \$1,000-\$1,200 | 2,809 | 4.0\% | 6.0-7.0 | 3,078 | 4.3\% |
| \$1,200-\$1,400 | 2,519 | 3.5\% | 7.0-8.0 | 2,083 | 2.9\% |
| \$1,400-\$1,600 | 1,323 | 1.9\% | 8.0-9.0 | 1,511 | 2.1\% |
| More than \$1,600 | 837 | 1.2\% | More than 9.0 | 6,714 | 9.4\% |
| Total | 71,060 | 100.0\% | Total | 71,060 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 926 | 1.3\% | 1.0\% or less | 2,913 | 4.1\% |
| \$500-\$1,000 | 4,438 | 6.2\% | 1.0\%-2.0\% | 9,945 | 14.0\% |
| \$1,000-\$1,500 | 7,042 | 9.9\% | 2.0\%-3.0\% | 17,395 | 24.5\% |
| \$1,500-\$2,000 | 9,896 | 13.9\% | 3.0\%-4.0\% | 19,727 | 27.8\% |
| \$2,000-\$2,500 | 13,935 | 19.6\% | 4.0\%-5.0\% | 9,454 | 13.3\% |
| \$2,500-\$3,000 | 10,872 | 15.3\% | 5.0\%-6.0\% | 3,444 | 4.8\% |
| \$3,000-\$3,500 | 6,800 | 9.6\% | 6.0\%-7.0\% | 1,937 | 2.7\% |
| \$3,500-\$4,000 | 4,098 | 5.8\% | 7.0\%-8.0\% | 1,207 | 1.7\% |
| \$4,000-\$4,500 | 2,731 | 3.8\% | 8.0\%-9.0\% | 833 | 1.2\% |
| More than \$4,500 | 10,322 | 14.5\% | More than 9.0\% | 4,205 | 5.9\% |
| Total | 71,060 | 100.0\% | Total | 71,060 | 100.0\% |

### 3.21 Southwest Hennepin

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 6 | 0.0\% | 0.15\% or less | 93 | 0.1\% |
| \$50,000-\$100,000 | 177 | 0.3\% | 0.15\%-0.30\% | 348 | 0.5\% |
| \$100,000-\$150,000 | 2,366 | 3.4\% | 0.30\%-0.45\% | 902 | 1.3\% |
| \$150,000-\$200,000 | 6,541 | 9.3\% | 0.45\%-0.60\% | 2,173 | 3.1\% |
| \$200,000-\$250,000 | 9,048 | 12.9\% | 0.60\%-0.75\% | 5,378 | 7.7\% |
| \$250,000-\$300,000 | 12,053 | 17.2\% | 0.75\%-0.90\% | 8,609 | 12.3\% |
| \$300,000-\$350,000 | 9,006 | 12.8\% | 0.90\%-1.05\% | 21,322 | 30.4\% |
| \$350,000-\$400,000 | 7,295 | 10.4\% | 1.05\%-1.20\% | 29,224 | 41.6\% |
| \$400,000-\$450,000 | 5,111 | 7.3\% | 1.20\%-1.35\% | 2,197 | 3.1\% |
| More than \$450,000 | 18,645 | 26.5\% | More than 1.35\% | 2 | 0.0\% |
| Total | 70,248 | 100.0\% | Total | 70,248 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 21,860 | 31.1\% | \$20,000 or less | 3,316 | 4.7\% |
| \$1-\$35 | 5,164 | 7.4\% | \$20,000-\$40,000 | 6,081 | 8.7\% |
| \$35-\$70 | 6,150 | 8.8\% | \$40,000-\$60,000 | 8,582 | 12.2\% |
| \$70-\$105 | 7,418 | 10.6\% | \$60,000-\$80,000 | 8,913 | 12.7\% |
| \$105-\$140 | 9,524 | 13.6\% | \$80,000-\$100,000 | 8,104 | 11.5\% |
| \$140-\$175 | 7,737 | 11.0\% | \$100,000-\$120,000 | 6,551 | 9.3\% |
| \$175-\$210 | 6,367 | 9.1\% | \$120,000-\$140,000 | 4,972 | 7.1\% |
| \$210-\$245 | 4,203 | 6.0\% | \$140,000-\$160,000 | 3,884 | 5.5\% |
| \$245-\$280 | 1,621 | 2.3\% | \$160,000-\$180,000 | 2,847 | 4.1\% |
| \$280-\$304 | 204 | 0.3\% | More than \$180,000 | 16,998 | 24.2\% |
| Total | 70,248 | 100.0\% | Total | 70,248 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 51,620 | 73.5\% | 1.0 or less | 3,658 | 5.2\% |
| \$1-\$200 | 2,664 | 3.8\% | 1.0-2.0 | 11,687 | 16.6\% |
| \$200-\$400 | 2,499 | 3.6\% | 2.0-3.0 | 17,095 | 24.3\% |
| \$400-\$600 | 2,477 | 3.5\% | 3.0-4.0 | 13,069 | 18.6\% |
| \$600-\$800 | 2,219 | 3.2\% | 4.0-5.0 | 7,562 | 10.8\% |
| \$800-\$1,000 | 2,196 | 3.1\% | 5.0-6.0 | 4,380 | 6.2\% |
| \$1,000-\$1,200 | 2,482 | 3.5\% | 6.0-7.0 | 2,782 | 4.0\% |
| \$1,200-\$1,400 | 2,244 | 3.2\% | 7.0-8.0 | 1,932 | 2.8\% |
| \$1,400-\$1,600 | 928 | 1.3\% | 8.0-9.0 | 1,309 | 1.9\% |
| More than \$1,600 | 919 | 1.3\% | More than 9.0 | 6,774 | 9.6\% |
| Total | 70,248 | 100.0\% | Total | 70,248 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 437 | 0.6\% | 1.0\% or less | 3,395 | 4.8\% |
| \$500-\$1,000 | 1,921 | 2.7\% | 1.0\%-2.0\% | 10,757 | 15.3\% |
| \$1,000-\$1,500 | 4,507 | 6.4\% | 2.0\%-3.0\% | 17,332 | 24.7\% |
| \$1,500-\$2,000 | 7,204 | 10.3\% | 3.0\%-4.0\% | 17,250 | 24.6\% |
| \$2,000-\$2,500 | 7,858 | 11.2\% | 4.0\%-5.0\% | 8,872 | 12.6\% |
| \$2,500-\$3,000 | 8,526 | 12.1\% | 5.0\%-6.0\% | 3,757 | 5.3\% |
| \$3,000-\$3,500 | 7,911 | 11.3\% | 6.0\%-7.0\% | 2,001 | 2.8\% |
| \$3,500-\$4,000 | 6,317 | 9.0\% | 7.0\%-8.0\% | 1,276 | 1.8\% |
| \$4,000-\$4,500 | 5,031 | 7.2\% | 8.0\%-9.0\% | 875 | 1.2\% |
| More than \$4,500 | 20,536 | 29.2\% | More than 9.0\% | 4,733 | 6.7\% |
| Total | 70,248 | 100.0\% | Total | 70,248 | 100.0\% |

### 3.22 Suburban Ramsey

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 34 | 0.1\% | 0.15\% or less | 60 | 0.1\% |
| \$50,000-\$100,000 | 574 | 0.9\% | 0.15\%-0.30\% | 541 | 0.9\% |
| \$100,000-\$150,000 | 3,203 | 5.1\% | 0.30\%-0.45\% | 1,476 | 2.4\% |
| \$150,000-\$200,000 | 10,848 | 17.3\% | 0.45\%-0.60\% | 2,582 | 4.1\% |
| \$200,000-\$250,000 | 20,776 | 33.1\% | 0.60\%-0.75\% | 5,924 | 9.4\% |
| \$250,000-\$300,000 | 11,901 | 19.0\% | 0.75\%-0.90\% | 8,363 | 13.3\% |
| \$300,000-\$350,000 | 6,110 | 9.7\% | 0.90\%-1.05\% | 24,072 | 38.4\% |
| \$350,000-\$400,000 | 3,075 | 4.9\% | 1.05\%-1.20\% | 17,802 | 28.4\% |
| \$400,000-\$450,000 | 1,679 | 2.7\% | 1.20\%-1.35\% | 1,843 | 2.9\% |
| More than \$450,000 | 4,559 | 7.3\% | More than 1.35\% | 96 | 0.2\% |
| Total | 62,759 | 100.0\% | Total | 62,759 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 5,497 | 8.8\% | \$20,000 or less | 3,377 | 5.4\% |
| \$1-\$35 | 1,800 | 2.9\% | \$20,000-\$40,000 | 8,240 | 13.1\% |
| \$35-\$70 | 3,052 | 4.9\% | \$40,000-\$60,000 | 11,318 | 18.0\% |
| \$70-\$105 | 5,264 | 8.4\% | \$60,000-\$80,000 | 10,903 | 17.4\% |
| \$105-\$140 | 8,902 | 14.2\% | \$80,000-\$100,000 | 8,589 | 13.7\% |
| \$140-\$175 | 14,870 | 23.7\% | \$100,000-\$120,000 | 6,030 | 9.6\% |
| \$175-\$210 | 14,803 | 23.6\% | \$120,000-\$140,000 | 3,719 | 5.9\% |
| \$210-\$245 | 5,633 | 9.0\% | \$140,000-\$160,000 | 2,421 | 3.9\% |
| \$245-\$280 | 2,265 | 3.6\% | \$160,000-\$180,000 | 1,674 | 2.7\% |
| \$280-\$304 | 673 | 1.1\% | More than \$180,000 | 6,488 | 10.3\% |
| Total | 62,759 | 100.0\% | Total | 62,759 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 41,868 | 66.7\% | 1.0 or less | 2,026 | 3.2\% |
| \$1-\$200 | 3,332 | 5.3\% | 1.0-2.0 | 9,286 | 14.8\% |
| \$200-\$400 | 3,169 | 5.0\% | 2.0-3.0 | 16,771 | 26.7\% |
| \$400-\$600 | 3,258 | 5.2\% | 3.0-4.0 | 12,892 | 20.5\% |
| \$600-\$800 | 3,130 | 5.0\% | 4.0-5.0 | 7,314 | 11.7\% |
| \$800-\$1,000 | 2,436 | 3.9\% | 5.0-6.0 | 4,230 | 6.7\% |
| \$1,000-\$1,200 | 2,198 | 3.5\% | 6.0-7.0 | 2,557 | 4.1\% |
| \$1,200-\$1,400 | 1,752 | 2.8\% | 7.0-8.0 | 1,628 | 2.6\% |
| \$1,400-\$1,600 | 917 | 1.5\% | 8.0-9.0 | 1,175 | 1.9\% |
| More than \$1,600 | 699 | 1.1\% | More than 9.0 | 4,880 | 7.8\% |
| Total | 62,759 | 100.0\% | Total | 62,759 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 620 | 1.0\% | 1.0\% or less | 2,022 | 3.2\% |
| \$500-\$1,000 | 3,315 | 5.3\% | 1.0\%-2.0\% | 8,784 | 14.0\% |
| \$1,000-\$1,500 | 6,846 | 10.9\% | 2.0\%-3.0\% | 17,630 | 28.1\% |
| \$1,500-\$2,000 | 11,249 | 17.9\% | 3.0\%-4.0\% | 19,059 | 30.4\% |
| \$2,000-\$2,500 | 14,539 | 23.2\% | 4.0\%-5.0\% | 7,394 | 11.8\% |
| \$2,500-\$3,000 | 9,675 | 15.4\% | 5.0\%-6.0\% | 2,496 | 4.0\% |
| \$3,000-\$3,500 | 5,904 | 9.4\% | 6.0\%-7.0\% | 1,326 | 2.1\% |
| \$3,500-\$4,000 | 3,415 | 5.4\% | 7.0\%-8.0\% | 829 | 1.3\% |
| \$4,000-\$4,500 | 1,988 | 3.2\% | 8.0\%-9.0\% | 505 | 0.8\% |
| More than \$4,500 | 5,208 | 8.3\% | More than 9.0\% | 2,714 | 4.3\% |
| Total | 62,759 | 100.0\% | Total | 62,759 | 100.0\% |

### 3.23 Washington

| Estimated Market V alue | Count | Percent | Effective Tax Rate | Count | Percent |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$50,000 or less | 189 | 0.3\% | 0.15\% or less | 159 | 0.2\% |
| \$50,000-\$100,000 | 195 | 0.3\% | 0.15\%-0.30\% | 793 | 1.2\% |
| \$100,000-\$150,000 | 2,273 | 3.3\% | 0.30\%-0.45\% | 1,767 | 2.6\% |
| \$150,000-\$200,000 | 13,464 | 19.8\% | 0.45\%-0.60\% | 3,496 | 5.2\% |
| \$200,000-\$250,000 | 15,615 | 23.0\% | 0.60\%-0.75\% | 8,918 | 13.1\% |
| \$250,000-\$300,000 | 10,577 | 15.6\% | 0.75\%-0.90\% | 20,323 | 29.9\% |
| \$300,000-\$350,000 | 7,264 | 10.7\% | 0.90\%-1.05\% | 18,525 | 27.3\% |
| \$350,000-\$400,000 | 5,585 | 8.2\% | 1.05\%-1.20\% | 13,558 | 20.0\% |
| \$400,000-\$450,000 | 3,730 | 5.5\% | 1.20\%-1.35\% | 189 | 0.3\% |
| More than \$450,000 | 8,972 | 13.2\% | More than 1.35\% | 136 | 0.2\% |
| Total | 67,864 | 100.0\% | Total | 67,864 | 100.0\% |
| Market Value Credit | Count | Percent | Homestead Income | Count | Percent |
| No Credit | 11,295 | 16.6\% | \$20,000 or less | 3,097 | 4.6\% |
| \$1-\$35 | 3,629 | 5.3\% | \$20,000-\$40,000 | 6,982 | 10.3\% |
| \$35-\$70 | 4,967 | 7.3\% | \$40,000-\$60,000 | 10,859 | 16.0\% |
| \$70-\$105 | 6,009 | 8.9\% | \$60,000-\$80,000 | 11,304 | 16.7\% |
| \$105-\$140 | 7,849 | 11.6\% | \$80,000-\$100,000 | 9,831 | 14.5\% |
| \$140-\$175 | 12,236 | 18.0\% | \$100,000-\$120,000 | 7,190 | 10.6\% |
| \$175-\$210 | 11,695 | 17.2\% | \$120,000-\$140,000 | 4,898 | 7.2\% |
| \$210-\$245 | 8,665 | 12.8\% | \$140,000-\$160,000 | 3,091 | 4.6\% |
| \$245-\$280 | 1,355 | 2.0\% | \$160,000-\$180,000 | 2,225 | 3.3\% |
| \$280-\$304 | 164 | 0.2\% | More than \$180,000 | 8,387 | 12.4\% |
| Total | 67,864 | 100.0\% | Total | 67,864 | 100.0\% |
| Property Tax Refund | Count | Percent | EMV / Income Ratio | Count | Percent |
| No Refund | 51,483 | 75.9\% | 1.0 or less | 2,193 | 3.2\% |
| \$1-\$200 | 2,824 | 4.2\% | 1.0-2.0 | 9,847 | 14.5\% |
| \$200-\$400 | 2,930 | 4.3\% | 2.0-3.0 | 18,897 | 27.8\% |
| \$400-\$600 | 2,669 | 3.9\% | 3.0-4.0 | 14,290 | 21.1\% |
| \$600-\$800 | 2,202 | 3.2\% | 4.0-5.0 | 7,819 | 11.5\% |
| \$800-\$1,000 | 1,720 | 2.5\% | 5.0-6.0 | 4,186 | 6.2\% |
| \$1,000-\$1,200 | 1,557 | 2.3\% | 6.0-7.0 | 2,572 | 3.8\% |
| \$1,200-\$1,400 | 1,269 | 1.9\% | 7.0-8.0 | 1,629 | 2.4\% |
| \$1,400-\$1,600 | 617 | 0.9\% | 8.0-9.0 | 1,117 | 1.6\% |
| More than \$1,600 | 593 | 0.9\% | More than 9.0 | 5,314 | 7.8\% |
| Total | 67,864 | 100.0\% | Total | 67,864 | 100.0\% |
| Net Tax | Count | Percent | Burden after PTR | Count | Percent |
| \$500 or less | 876 | 1.3\% | 1.0\% or less | 2,794 | 4.1\% |
| \$500-\$1,000 | 2,473 | 3.6\% | 1.0\%-2.0\% | 12,311 | 18.1\% |
| \$1,000-\$1,500 | 8,685 | 12.8\% | 2.0\%-3.0\% | 21,678 | 31.9\% |
| \$1,500-\$2,000 | 12,942 | 19.1\% | 3.0\%-4.0\% | 17,505 | 25.8\% |
| \$2,000-\$2,500 | 13,247 | 19.5\% | 4.0\%-5.0\% | 6,213 | 9.2\% |
| \$2,500-\$3,000 | 9,247 | 13.6\% | 5.0\%-6.0\% | 2,290 | 3.4\% |
| \$3,000-\$3,500 | 6,480 | 9.5\% | 6.0\%-7.0\% | 1,155 | 1.7\% |
| \$3,500-\$4,000 | 4,537 | 6.7\% | 7.0\%-8.0\% | 730 | 1.1\% |
| \$4,000-\$4,500 | 2,877 | 4.2\% | 8.0\%-9.0\% | 457 | 0.7\% |
| More than \$4,500 | 6,500 | 9.6\% | More than 9.0\% | 2,731 | 4.0\% |
| Total | 67,864 | 100.0\% | Total | 67,864 | 100.0\% |

## 4 Variable Profiles

The following presents the same information as Section 3 reorganized by variable rather than region. Both summary tables and visual representations of the distribution within each variable, or histograms, are presented - the latter to facilitate easier comparison of regions.
4.1 Estimated Market Value

|  | $\begin{gathered} \$ 50,000 \\ \text { or less } \end{gathered}$ | $\begin{aligned} & \$ 50,000- \\ & \$ 100,000 \end{aligned}$ | $\begin{gathered} \$ 100,000- \\ \$ 150,000 \\ \hline 27 \% \end{gathered}$ | $\begin{aligned} & \text { \$150,000- } \\ & \$ 200,000 \\ & \hline \end{aligned}$ | $\begin{array}{r} \$ 200,000- \\ \$ 250,000 \\ \hline \end{array}$ | $\begin{gathered} \$ 250,000- \\ \$ 300,000 \end{gathered}$ | $\begin{gathered} -\$ 300,000- \\ \$ 350,000 \end{gathered}$ | $\begin{gathered} -\$ 350,000- \\ \$ 400,000 \end{gathered}$ | $\begin{aligned} & \$ 400,000- \\ & \$ 450,000 \end{aligned}$ | More than | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | \$450,000 |  |
| Arrowhead | 8\% | 26\% |  |  |  | 5\% | 3\% | 2\% | 1\% | 2\% | 100\% |
| Central | 0\% | 4\% | 20\% | 31\% | 20\% | 11\% | 6\% | 3\% | 2\% | 2\% | 100\% |
| East Central | 1\% | 9\% | 25\% | 31\% | 16\% | 8\% | 4\% | 2\% | 1\% | 1\% | 100\% |
| Minnesota Valley | 12\% | 28\% | 27\% | 16\% | 8\% | 4\% | 2\% | 1\% | 1\% | 1\% | 100\% |
| North Central | 5\% | 19\% | 25\% | 19\% | 11\% | 6\% | 4\% | 3\% | 2\% | 7\% | 100\% |
| Northwest/Headwaters | 18\% | 32\% | 24\% | 12\% | 6\% | 3\% | 2\% | 1\% | 1\% | 2\% | 100\% |
| South Central | 10\% | 26\% | 29\% | 17\% | 9\% | 5\% | 3\% | 1\% | 1\% | 1\% | 100\% |
| Southeast | 3\% | 16\% | 31\% | 23\% | 12\% | 7\% | 4\% | 2\% | 1\% | 2\% | 100\% |
| Southwest | 26\% | 41\% | 20\% | 8\% | 3\% | 1\% | 1\% | 0\% | 0\% | 0\% | 100\% |
| West Central | 6\% | 22\% | 29\% | 17\% | 9\% | 5\% | 4\% | 3\% | 2\% | 4\% | 100\% |
| Anoka | 0\% | 1\% | 4\% | 29\% | 34\% | 14\% | 8\% | 5\% | 2\% | 3\% | 100\% |
| Carver/Scott | 0\% | 1\% | 4\% | 18\% | 23\% | 16\% | 11\% | 8\% | 6\% | 14\% | 100\% |
| Dakota | 0\% | 1\% | 5\% | 20\% | 25\% | 18\% | 11\% | 7\% | 5\% | 8\% | 100\% |
| Minneapolis | 0\% | 2\% | 11\% | 25\% | 25\% | 14\% | 8\% | 5\% | 3\% | 8\% | 100\% |
| North Hennepin | 0\% | 1\% | 4\% | 24\% | 36\% | 14\% | 8\% | 5\% | 3\% | 6\% | 100\% |
| Saint Paul | 0\% | 1\% | 9\% | 38\% | 22\% | 11\% | 6\% | 4\% | 3\% | 7\% | 100\% |
| Southeast Hennepin | 0\% | 2\% | 5\% | 13\% | 31\% | 17\% | 9\% | 5\% | 4\% | 13\% | 100\% |
| Southwest Hennepin | 0\% | 0\% | 3\% | 9\% | 13\% | 17\% | 13\% | 10\% | 7\% | 27\% | 100\% |
| Suburban Ramsey | 0\% | 1\% | 5\% | 17\% | 33\% | 19\% | 10\% | 5\% | 3\% | 7\% | 100\% |
| Washington | 0\% | 0\% | 3\% | 20\% | 23\% | 16\% | 11\% | 8\% | 5\% | 13\% | 100\% |
|  | 3\% | 9\% | 14\% | 21\% | 20\% | 12\% | 7\% | 4\% | 3\% | 7\% | 100\% |

The following page presents the above data represented by 20 regional histograms. A histogram is a graphical representation of the distribution of
values across several consecutive intervals. Each histogram has 10 intervals along the X-axis, each corresponding to one of the 10 columns from the table (read from left to right). The Y-axis values indicate the percentage of observations within each region that lie within the interval. The total area of each histogram is $100 \%$.

4.2 Homestead Market Value Credit

|  | No Credit | \$1-\$35 | \$35-\$70 | \$70-\$105 | $\begin{gathered} \$ 105- \\ \$ 140 \end{gathered}$ | $\begin{gathered} \$ 140- \\ \$ 175 \end{gathered}$ | $\begin{gathered} \$ 175- \\ \$ 210 \end{gathered}$ | $\begin{gathered} \$ 210- \\ \$ 245 \end{gathered}$ | $\begin{gathered} \$ 245- \\ \$ 280 \end{gathered}$ | $\begin{gathered} \$ 280- \\ \$ 304 \end{gathered}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Arrowhead | 3\% | 1\% | 2\% | 3\% | 6\% | 9\% | 13\% | 20\% | 26\% | 19\% | 100\% |
| Central | 3\% | 2\% | 3\% | 5\% | 9\% | 14\% | 21\% | 24\% | 15\% | 4\% | 100\% |
| East Central | 2\% | 1\% | 2\% | 4\% | 6\% | 10\% | 19\% | 27\% | 21\% | 8\% | 100\% |
| Minnesota Valley | 2\% | 1\% | 3\% | 4\% | 6\% | 8\% | 12\% | 19\% | 26\% | 20\% | 100\% |
| North Central | 6\% | 2\% | 3\% | 4\% | 6\% | 9\% | 13\% | 20\% | 23\% | 15\% | 100\% |
| Northwest/Headwaters | 2\% | 2\% | 3\% | 5\% | 6\% | 8\% | 11\% | 17\% | 25\% | 21\% | 100\% |
| South Central | 1\% | 1\% | 2\% | 4\% | 6\% | 8\% | 13\% | 19\% | 27\% | 19\% | 100\% |
| Southeast | 2\% | 1\% | 2\% | 4\% | 6\% | 9\% | 14\% | 23\% | 26\% | 13\% | 100\% |
| Southwest | 0\% | 1\% | 3\% | 6\% | 7\% | 9\% | 11\% | 15\% | 24\% | 23\% | 100\% |
| West Central | 4\% | 2\% | 3\% | 4\% | 5\% | 8\% | 12\% | 19\% | 27\% | 16\% | 100\% |
| Anoka | 5\% | 3\% | 5\% | 7\% | 10\% | 20\% | 34\% | 14\% | 2\% | 0\% | 100\% |
| Carver/Scott | 17\% | 5\% | 7\% | 9\% | 12\% | 18\% | 16\% | 12\% | 2\% | 1\% | 100\% |
| Dakota | 11\% | 5\% | 7\% | 9\% | 14\% | 19\% | 18\% | 13\% | 3\% | 1\% | 100\% |
| Minneapolis | 10\% | 3\% | 4\% | 6\% | 10\% | 16\% | 22\% | 18\% | 10\% | 3\% | 100\% |
| North Hennepin | 7\% | 3\% | 4\% | 6\% | 10\% | 23\% | 31\% | 11\% | 3\% | 1\% | 100\% |
| Saint Paul | 7\% | 2\% | 3\% | 5\% | 7\% | 13\% | 24\% | 27\% | 9\% | 1\% | 100\% |
| Southeast Hennepin | 15\% | 4\% | 5\% | 8\% | 12\% | 24\% | 18\% | 7\% | 5\% | 2\% | 100\% |
| Southwest Hennepin | 31\% | 7\% | 9\% | 11\% | 14\% | 11\% | 9\% | 6\% | 2\% | 0\% | 100\% |
| Suburban Ramsey | 9\% | 3\% | 5\% | 8\% | 14\% | 24\% | 24\% | 9\% | 4\% | 1\% | 100\% |
| Washington | 17\% | 5\% | 7\% | 9\% | 12\% | 18\% | 17\% | 13\% | 2\% | 0\% | 100\% |
|  | 8\% | 3\% | 4\% | 6\% | 9\% | 15\% | 19\% | 16\% | 13\% | 7\% | 100\% |

The following page presents the above data represented by 20 regional histograms. A histogram is a graphical representation of the distribution of
values across several consecutive intervals. Each histogram has 10 intervals along the X-axis, each corresponding to one of the 10 columns from the table (read from left to right). The Y-axis values indicate the percentage of observations within each region that lie within the interval. The total area of each histogram is 100\%.

4.3 Property Tax Refund

|  | $\begin{gathered} \text { No } \\ \text { Refund } \end{gathered}$ | \$1-\$200 | $\begin{gathered} \$ 200- \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400- \\ \$ 600 \end{gathered}$ | $\begin{gathered} \$ 600- \\ \$ 800 \end{gathered}$ | $\begin{gathered} \$ 800- \\ \$ 1,000 \end{gathered}$ | $\begin{gathered} \$ 1,000- \\ \$ 1,200 \end{gathered}$ | $\begin{gathered} \$ 1,200- \\ \$ 1,400 \end{gathered}$ | $\begin{gathered} \$ 1,400- \\ \$ 1,600 \end{gathered}$ | $\begin{gathered} \text { More } \\ \text { than } \\ \$ 1,600 \end{gathered}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Arrowhead | 84\% | 4\% | 4\% | 3\% | 2\% | 1\% | 1\% | 1\% | 0\% | 0\% | 100\% |
| Central | 72\% | 6\% | 5\% | 5\% | 4\% | 3\% | 2\% | 2\% | 1\% | 1\% | 100\% |
| East Central | 70\% | 6\% | 6\% | 5\% | 4\% | 3\% | 2\% | 2\% | 1\% | 1\% | 100\% |
| Minnesota Valley | 77\% | 6\% | 5\% | 4\% | 3\% | 2\% | 1\% | 1\% | 0\% | 0\% | 100\% |
| North Central | 77\% | 6\% | 5\% | 4\% | 3\% | 2\% | 1\% | 1\% | 1\% | 0\% | 100\% |
| Northwest/Headwaters | 81\% | 5\% | 5\% | 3\% | 2\% | 1\% | 1\% | 1\% | 0\% | 0\% | 100\% |
| South Central | 77\% | 7\% | 5\% | 4\% | 3\% | 2\% | 1\% | 1\% | 0\% | 0\% | 100\% |
| Southeast | 76\% | 7\% | 5\% | 4\% | 3\% | 2\% | 1\% | 1\% | 0\% | 0\% | 100\% |
| Southwest | 76\% | 11\% | 5\% | 3\% | 2\% | 1\% | 1\% | 0\% | 0\% | 0\% | 100\% |
| West Central | 79\% | 7\% | 5\% | 4\% | 2\% | 1\% | 1\% | 1\% | 0\% | 0\% | 100\% |
| Anoka | 65\% | 8\% | 6\% | 6\% | 5\% | 4\% | 3\% | 2\% | 1\% | 1\% | 100\% |
| Carver/Scott | 72\% | 5\% | 4\% | 4\% | 4\% | 3\% | 3\% | 3\% | 1\% | 1\% | 100\% |
| Dakota | 73\% | 5\% | 4\% | 4\% | 4\% | 3\% | 3\% | 2\% | 1\% | 1\% | 100\% |
| Minneapolis | 61\% | 6\% | 5\% | 5\% | 5\% | 5\% | 5\% | 4\% | 2\% | 2\% | 100\% |
| North Hennepin | 65\% | 4\% | 5\% | 5\% | 5\% | 5\% | 4\% | 3\% | 2\% | 1\% | 100\% |
| Saint Paul | 60\% | 10\% | 6\% | 6\% | 5\% | 4\% | 4\% | 3\% | 2\% | 1\% | 100\% |
| Southeast Hennepin | 68\% | 4\% | 4\% | 5\% | 4\% | 4\% | 4\% | 4\% | 2\% | 1\% | 100\% |
| Southwest Hennepin | 73\% | 4\% | 4\% | 4\% | 3\% | 3\% | 4\% | 3\% | 1\% | 1\% | 100\% |
| Suburban Ramsey | 67\% | 5\% | 5\% | 5\% | 5\% | 4\% | 4\% | 3\% | 1\% | 1\% | 100\% |
| Washington | 76\% | 4\% | 4\% | 4\% | 3\% | 3\% | 2\% | 2\% | 1\% | 1\% | 100\% |
|  | 72\% | 6\% | 5\% | 4\% | 4\% | 3\% | 2\% | 2\% | 1\% | 1\% | 100\% |


4.4 Net Tax

| $\begin{array}{\|c} \overrightarrow{0} \\ \stackrel{\rightharpoonup}{0} \end{array}$ |  |
| :---: | :---: |
|  |  |
|  |  <br>  |
|  |  <br>  |
| $\begin{array}{ll} \dot{c} 8 \\ 0 & 8 \\ 0 & 0 \\ \infty \\ \infty & 0 \end{array}$ |  <br>  |
|  |  <br>  |
| $\begin{aligned} & \text { ob } 8 \\ & 0 \text { on } \\ & \text { N } \\ & \text { N } \end{aligned}$ |  <br>  |
| $\begin{aligned} & \dot{\circ} 8 \\ & \circ \\ & \text { on } \\ & \text { on } \\ & \text { N } \end{aligned}$ |  <br>  |
|  |  <br>  |
| $\begin{array}{ll} \text { is } \\ \text { o } \\ \text { of } \\ \text { on } \end{array}$ |  N |
|  |  |
|  |  |

The following page presents the above data represented by 20 regional histograms. A histogram is a graphical representation of the distribution of
values across several consecutive intervals. Each histogram has 10 intervals along the $X$-axis, each corresponding to one of the 10 columns from the table (read from left to right). The Y-axis values indicate the percentage of observations within each region that lie within the interval. The total area of each histogram is 100\%.

4.5 Effective Tax Rate

|  | $\begin{gathered} 0.15 \% \text { or } \\ \text { less } \end{gathered}$ | $\begin{gathered} 0.15 \%- \\ 0.30 \% \end{gathered}$ | $\begin{gathered} 0.30 \%- \\ 0.45 \% \end{gathered}$ | $\begin{aligned} & 0.45 \%- \\ & 0.60 \% \end{aligned}$ | $\begin{gathered} 0.60 \%- \\ 0.75 \% \end{gathered}$ | $\begin{aligned} & 0.75 \%- \\ & 0.90 \% \end{aligned}$ | $\begin{gathered} 0.90 \%- \\ 1.05 \% \end{gathered}$ | $\begin{gathered} 1.05 \%- \\ 1.20 \% \end{gathered}$ | $\begin{gathered} 1.20 \%- \\ 1.35 \% \end{gathered}$ | More <br> than $1.35 \%$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Arrowhead | 3\% | 9\% | 13\% | 13\% | 12\% | 16\% | 18\% | 11\% | 3\% | 1\% | 100\% |
| Central | 0\% | 2\% | 3\% | 6\% | 12\% | 19\% | 29\% | 20\% | 8\% | 3\% | 100\% |
| East Central | 2\% | 4\% | 7\% | 11\% | 17\% | 25\% | 17\% | 8\% | 8\% | 2\% | 100\% |
| Minnesota Valley | 0\% | 2\% | 3\% | 6\% | 10\% | 17\% | 18\% | 14\% | 15\% | 16\% | 100\% |
| North Central | 4\% | 9\% | 16\% | 20\% | 15\% | 14\% | 10\% | 7\% | 3\% | 1\% | 100\% |
| Northwest/Headwaters | 2\% | 4\% | 6\% | 8\% | 11\% | 12\% | 14\% | 12\% | 8\% | 25\% | 100\% |
| South Central | 0\% | 1\% | 3\% | 7\% | 11\% | 16\% | 19\% | 20\% | 12\% | 10\% | 100\% |
| Southeast | 0\% | 2\% | 3\% | 5\% | 10\% | 17\% | 18\% | 28\% | 13\% | 4\% | 100\% |
| Southwest | 0\% | 1\% | 3\% | 5\% | 7\% | 10\% | 11\% | 15\% | 19\% | 29\% | 100\% |
| West Central | 1\% | 4\% | 8\% | 13\% | 19\% | 19\% | 16\% | 12\% | 4\% | 5\% | 100\% |
| Anoka | 0\% | 1\% | 3\% | 4\% | 9\% | 13\% | 45\% | 20\% | 5\% | 0\% | 100\% |
| Carver/Scott | 0\% | 1\% | 1\% | 3\% | 8\% | 12\% | 23\% | 30\% | 18\% | 3\% | 100\% |
| Dakota | 0\% | 1\% | 2\% | 3\% | 9\% | 16\% | 40\% | 24\% | 4\% | 2\% | 100\% |
| Minneapolis | 0\% | 2\% | 2\% | 4\% | 7\% | 10\% | 13\% | 26\% | 33\% | $3 \%$ | 100\% |
| North Hennepin | 0\% | 1\% | 1\% | 3\% | 6\% | 10\% | 12\% | 44\% | 22\% | 0\% | 100\% |
| Saint Paul | 0\% | 2\% | 4\% | 5\% | 11\% | 17\% | 29\% | 31\% | 1\% | 0\% | 100\% |
| Southeast Hennepin | 0\% | 1\% | 2\% | 4\% | 9\% | 13\% | 34\% | 31\% | 6\% | 0\% | 100\% |
| Southwest Hennepin | 0\% | 0\% | 1\% | 3\% | 8\% | 12\% | 30\% | 42\% | 3\% | 0\% | 100\% |
| Suburban Ramsey | 0\% | 1\% | 2\% | 4\% | 9\% | 13\% | 38\% | 28\% | 3\% | 0\% | 100\% |
| Washington | 0\% | 1\% | 3\% | 5\% | 13\% | 30\% | 27\% | 20\% | 0\% | 0\% | 100\% |
|  | 1\% | 2\% | 4\% | 6\% | 10\% | 16\% | 25\% | 24\% | 9\% | 4\% | 100\% |

The following page presents the above data represented by 20 regional histograms. A histogram is a graphical representation of the distribution of
values across several consecutive intervals. Each histogram has 10 intervals along the $X$-axis, each corresponding to one of the 10 columns from the table领 histogram is 100\%.

4．6 Homestead Income

| \％00I | \％8 | \％\％ | \％ 8 | \％9 | \％8 | \％ 71 | \％LI | \％61 | \％91 | \％6 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \％00I | \％ EI | \％8 | \％9 | \％L | \％II | \％ぁI | \％LI | \％91 | \％0I | \％9 |  |
| \％00I | \％ 0 I | \％ 8 | \％${ }^{\text {¢ }}$ | \％9 | \％ 0 I | \％币I | \％LI | \％81 | \％\＆L | \％9 | रəsury urqunqns |
| \％00I | $\%$ \％ | \％${ }^{\text {d }}$ | \％9 | \％L | \％6 | \％ 61 | \％ 81 | \％ 81 | $\% 6$ | \％9 |  |
| \％00I | \％币I | \％ 8 | \％${ }^{\text {¢ }}$ | \％9 | \％8 | \％ 71 | \％91 | \％ 8 I | \％币I | \％9 |  |
| \％00I | \％L | \％ 6 | \％ 8 | \％ぁ | \％L | \％II | \％91 | \％It | \％61 | \％ 0 I |  |
| \％00I | \％8 | \％6 | \％ | \％9 | \％ 01 | \％ 1 | \％81 | \％61 | \％币I | \％9 |  |
| \％00I | $\% 6$ | \％ 6 | \％ 8 | \％${ }^{\text {¢ }}$ | \％L | \％II | \％¢L | \％ 07 | \％81 | \％II | s！̣одеәиu！̣ |
| \％00I | \％ 01 | \％8 | \％ 9 | \％L | \％II | \％ 91 | \％LI | \％LI | \％II | $\% 9$ | в7очеа」 |
| \％00I | \％ 71 | \％ 8 | \％ 9 | \％L | \％II | \％¢ 1 | \％91 | \％¢ | \％01 | \％ぁ | ${ }^{\text {7ооэS／дәлхер }}$ |
| \％00I | \％9 | \％ 6 | \％ 8 | \％9 | \％ 0 I | \％ 91 | \％61 | $\% 0{ }^{2}$ | \％ 81 | \％9 | eyouv |
| \％00I | \％${ }^{\text {d }}$ | \％ | \％6 | \％ 8 | \％9 | \％II | \％81 | \％ 86 | \％ $7 \%$ | \％$\% 1$ |  |
| \％00I | \％ | \％ | \％ | \％6 | \％ | \％6 | \％LI | \％\＆\％ | \％ゅて | \％ぁt | 7яәмчдпоя |
| \％00I | \％9 | \％ | \％ 8 | \％ | \％8 | \％ 81 | \％81 | \％ 07 | \％61 | \％6 | 7 ¢вечınos |
| \％00I | \％${ }^{\text {¢ }}$ | \％ | \％ | \％8 | \％ 9 | \％II | \％81 | \％\＆\％ | \％ $7 \%$ | \％ 71 | ［вхұиә刀 чұпо |
| \％00I | \％ | \％ | \％ 1 | \％ 6 | \％ 9 | \％6 | \％LI | \％8\％ | \％ゅて | \％91 | s．әәемреән／яsәмчұто |
| \％00I | $\% \square$ | \％I | \％I | \％ 6 | \％${ }^{\text {d }}$ | $\% 6$ | \％91 | \％ $7 \%$ | \％ 96 | \％91 | ［ехұиә刀 чұ10 ${ }_{\text {N }}$ |
| \％00I | \％${ }^{\text {¢ }}$ | \％I | \％I | \％8 | $\% 9$ | \％II | \％81 | \％8\％ | \％ $7 \%$ | \％$\% 1$ |  |
| \％00I | \％ 6 | \％I | \％I | \％ 6 | $\% 9$ | \％ 01 | \％8I | \％ちも | \％ 86 | \％も | ［ехұиә刀 7 78е辺 |
| \％00I | \％ 9 | \％6 | \％6 | \％ゅ | \％8 | \％もI | $\% 0 \%$ | \％LZ | \％91 | \％L | ［ехұиә刀 |
| \％001 | \％\％ | \％ | \％2 | \％ 8 | \％ 9 | \％ 01 | \％LI | \％ $7 \%$ | \％ $7 \%$ | \％ 91 | реәчмолй |
|  | 000＇08I\＄ | 000＇08I\＄ | 000＇09I\＄ | 000＇0ゅI ${ }^{\text {a }}$ | 000＇07I\＄ | 000 00 I\＄ | 000＇08\＄ | 000＇09\＄ | 000 0 ¢币 ${ }^{\text {d }}$ | Ssว ${ }^{\text {do }}$ |  |
|  | иеч7 ә．о N | －000＇091\％ | －00000矿 | －00000ZI\＄ |  | －000 008 \＄ | －000＇09\＄ | －000＇0现 | －000＇07\＄ | 000＇07\＄ |  |

The following page presents the above data represented by 20 regional histograms．A histogram is a graphical representation of the distribution of
values across several consecutive intervals．Each histogram has 10 intervals along the $X$－axis，each corresponding to one of the 10 columns from the table （read from left to right）．The Y－axis values indicate the percentage of observations within each region that lie within the interval．The total area of each histogram is 100\％．

4.7 EMV / Income Ratio

|  | 1.0 or less | 1.0-2.0 | 2.0-3.0 | 3.0-4.0 | 4.0-5.0 | 5.0-6.0 | 6.0-7.0 | 7.0-8.0 | 8.0-9.0 | More than 9.0 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Arrowhead | 9\% | 27\% | 23\% | 14\% | 8\% | 5\% | 3\% | 2\% | 2\% | 7\% | 100\% |
| Central | 3\% | 18\% | 30\% | 20\% | 10\% | 5\% | 3\% | 2\% | 1\% | 7\% | 100\% |
| East Central | 2\% | 15\% | 26\% | 19\% | 11\% | 7\% | 5\% | 3\% | 2\% | 11\% | 100\% |
| Minnesota Valley | 13\% | 32\% | 24\% | 12\% | 7\% | 4\% | 2\% | 1\% | 1\% | 4\% | 100\% |
| North Central | 4\% | 19\% | 22\% | 15\% | 10\% | 7\% | 5\% | 3\% | 2\% | 12\% | 100\% |
| Northwest/Headwaters | 16\% | 32\% | 20\% | 11\% | 6\% | 4\% | 2\% | 2\% | 1\% | 6\% | 100\% |
| South Central | 11\% | 31\% | 26\% | 13\% | 7\% | 4\% | 2\% | 1\% | 1\% | 4\% | 100\% |
| Southeast | 6\% | 29\% | 29\% | 15\% | 7\% | 4\% | 2\% | 2\% | 1\% | 5\% | 100\% |
| Southwest | 24\% | 40\% | 18\% | 8\% | 4\% | 2\% | 1\% | 1\% | 0\% | 2\% | 100\% |
| West Central | 7\% | 27\% | 24\% | 14\% | 8\% | 5\% | 3\% | 2\% | 2\% | 7\% | 100\% |
| Anoka | 2\% | 13\% | 29\% | 22\% | 12\% | 6\% | 4\% | 2\% | 2\% | 7\% | 100\% |
| Carver/Scott | 3\% | 15\% | 28\% | 22\% | 11\% | 6\% | 4\% | 2\% | 2\% | 7\% | 100\% |
| Dakota | 3\% | 15\% | 30\% | 22\% | 11\% | 6\% | 3\% | 2\% | 1\% | 7\% | 100\% |
| Minneapolis | 3\% | 14\% | 23\% | 19\% | 12\% | 7\% | 5\% | 3\% | 2\% | 13\% | 100\% |
| North Hennepin | 2\% | 14\% | 28\% | 21\% | 11\% | 6\% | 4\% | 3\% | 2\% | 8\% | 100\% |
| Saint Paul | 2\% | 12\% | 24\% | 20\% | 13\% | 7\% | 5\% | 3\% | 2\% | 12\% | 100\% |
| Southeast Hennepin | 4\% | 15\% | 24\% | 19\% | 11\% | 7\% | 4\% | 3\% | 2\% | 9\% | 100\% |
| Southwest Hennepin | 5\% | 17\% | 24\% | 19\% | 11\% | 6\% | 4\% | 3\% | 2\% | 10\% | 100\% |
| Suburban Ramsey | 3\% | 15\% | 27\% | 21\% | 12\% | 7\% | 4\% | 3\% | 2\% | 8\% | 100\% |
| Washington | 3\% | 15\% | 28\% | 21\% | 12\% | 6\% | 4\% | 2\% | 2\% | 8\% | 100\% |
|  | 5\% | 20\% | 26\% | 18\% | 10\% | 6\% | 4\% | 2\% | 2\% | 8\% | 100\% |

The following page presents the above data represented by 20 regional histograms. A histogram is a graphical representation of the distribution of
values across several consecutive intervals. Each histogram has 10 intervals along the X-axis, each corresponding to one of the 10 columns from the table (read from left to right). The Y-axis values indicate the percentage of observations within each region that lie within the interval. The total area of each histogram is $100 \%$.

4.8 Burden after PTR

The following page presents the above data represented by 20 regional histograms. A histogram is a graphical representation of the distribution of
values across several consecutive intervals. Each histogram has 10 intervals along the X-axis, each corresponding to one of the 10 columns from the table (read from left to right). The Y-axis values indicate the percentage of observations within each region that lie within the interval. The total area of each histogram is $100 \%$.


## 5 Property Tax Burden as a Percent of Income

The following tables present some detail on the relationship between two variables, income and property tax burden. Sections 5.1 and 5.2 present the median property tax burdens for various income ranges by region in Greater Minnesota and the Metro respectively. The income ranges used in the Metro Area regions and the Greater Minnesota regions vary slightly. Metro Area regions have one income range for " $\$ 10,000$ to $\$ 45,000$," while Greater Minnesota regions have separate ranges for $\$ 10,000$ to $\$ 30,000$ " and $\$ 30,000$ to $\$ 45,000$." Similarly, the Greater Minnesota regions have one income range for "More than $\$ 90,000$," while Metro Area regions have separate ranges for " $\$ 90,000$ to $\$ 125,000$ " and "More than $\$ 125,000$." The income distribution of homesteads in Metro Area regions is quite different from the distribution in Greater Minnesota regions. The differing income ranges help maintain taxpayer income anonymity at the extreme upper and lower income ranges while still providing direct regional comparisons for most homesteads - those with incomes between $\$ 45,000$ and $\$ 90,000$.

Sections 5.3 and 5.4 show the number and percentage of homesteads having property taxes that exceed 5 percent of their total homestead income. As with the medians tables, these counts are reported before the market value credit, after the market value credit but before the application of the property tax refund, and after both the credit and property tax refund have been applied. This offers some sense of the importance of the two programs in reducing property tax burdens in various regions and at various levels of income.

Only total counts are shown for homesteads in the " $\$ 10,000$ or less" income range due to the overstatement of property tax burden. The lowest range includes homesteads that had temporarily low incomes or better overall economic well-being than was indicated by their money income of 2007. A portion of retirees, for example, may have been living primarily on savings or other assets but reported small amounts of annual money income received. Due to unemployment or business fluctuations, some homesteads that would have normally had higher incomes are also included in the " $\$ 10,000$ or less" income range. A small portion of homesteads were in this income range only because they reported business losses or large capital losses for income tax purposes in 2007.

### 5.1 Greater Minnesota - Median Burden by Income

| Income | Before <br> HMVC | Before <br> PTR | After <br> PTR |
| ---: | :---: | :---: | :---: |
| Arrowhead |  |  |  |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 30,000$ | $4.3 \%$ | $2.9 \%$ | $2.3 \%$ |
| $\$ 30,000-\$ 45,000$ | $2.9 \%$ | $2.1 \%$ | $2.1 \%$ |
| $\$ 45,000-\$ 65,000$ | $2.3 \%$ | $1.8 \%$ | $1.8 \%$ |
| $\$ 65,000-\$ 90,000$ | $1.9 \%$ | $1.6 \%$ | $1.6 \%$ |
| More than $\$ 90,000$ | $1.5 \%$ | $1.4 \%$ | $1.3 \%$ |
|  |  |  |  |
|  | Central |  |  |
| $\$ 10,000$ or less | - | - | - |
| $\$ 30,000-\$ 30,000$ | $8.3 \%$ | $7.1 \%$ | $4.0 \%$ |
| $\$ 30,000-\$ 45,000$ | $4.9 \%$ | $4.3 \%$ | $3.4 \%$ |
| $\$ 45,000-\$ 65,000$ | $3.6 \%$ | $3.2 \%$ | $3.0 \%$ |
| $\$ 65,000-\$ 90,000$ | $2.9 \%$ | $2.6 \%$ | $2.6 \%$ |
| More than $\$ 90,000$ | $2.1 \%$ | $2.0 \%$ | $2.0 \%$ |
|  |  |  |  |


| Income | Before <br> HMV C | Before <br> PTR | After <br> PTR |
| ---: | :---: | :---: | :---: |
| Northwest/Headwaters |  |  |  |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 30,000$ | $4.6 \%$ | $3.4 \%$ | $2.5 \%$ |
| $\$ 30,000-\$ 45,000$ | $3.1 \%$ | $2.4 \%$ | $2.3 \%$ |
| $\$ 45,000-\$ 65,000$ | $2.4 \%$ | $1.9 \%$ | $1.9 \%$ |
| $\$ 65,000-\$ 90,000$ | $2.1 \%$ | $1.8 \%$ | $1.8 \%$ |
| More than $\$ 90,000$ | $1.6 \%$ | $1.4 \%$ | $1.4 \%$ |
|  |  |  |  |
| South Central |  |  |  |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 30,000$ | $5.5 \%$ | $4.2 \%$ | $2.9 \%$ |
| $\$ 30,000-\$ 45,000$ | $3.6 \%$ | $2.9 \%$ | $2.7 \%$ |
| $\$ 45,000-\$ 65,000$ | $2.8 \%$ | $2.3 \%$ | $2.3 \%$ |
| $\$ 65,000-\$ 90,000$ | $2.3 \%$ | $2.0 \%$ | $2.0 \%$ |
| More than $\$ 90,000$ | $1.7 \%$ | $1.5 \%$ | $1.5 \%$ |
|  |  |  |  |


| East Central |  |  |  |
| ---: | :---: | :---: | :---: |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 30,000$ | $7.1 \%$ | $5.9 \%$ | $3.6 \%$ |
| $\$ 30,000-\$ 45,000$ | $4.4 \%$ | $3.8 \%$ | $3.1 \%$ |
| $\$ 45,000-\$ 65,000$ | $3.3 \%$ | $2.9 \%$ | $2.8 \%$ |
| $\$ 65,000-\$ 90,000$ | $2.6 \%$ | $2.3 \%$ | $2.3 \%$ |
| More than $\$ 90,000$ | $1.9 \%$ | $1.7 \%$ | $1.7 \%$ |


| Southeast |  |  |  |
| ---: | :---: | :---: | :---: |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 30,000$ | $6.5 \%$ | $5.2 \%$ | $3.3 \%$ |
| $\$ 30,000-\$ 45,000$ | $4.1 \%$ | $3.4 \%$ | $2.9 \%$ |
| $\$ 45,000-\$ 65,000$ | $3.2 \%$ | $2.7 \%$ | $2.6 \%$ |
| $\$ 65,000-\$ 90,000$ | $2.6 \%$ | $2.3 \%$ | $2.3 \%$ |
| More than $\$ 90,000$ | $1.9 \%$ | $1.8 \%$ | $1.8 \%$ |
|  |  |  |  |
| Southwest |  |  |  |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 30,000$ | $4.0 \%$ | $3.0 \%$ | $2.3 \%$ |
| $\$ 30,000-\$ 45,000$ | $2.7 \%$ | $2.0 \%$ | $2.0 \%$ |
| $\$ 45,000-\$ 65,000$ | $2.1 \%$ | $1.6 \%$ | $1.6 \%$ |
| $\$ 65,000-\$ 90,000$ | $1.9 \%$ | $1.5 \%$ | $1.5 \%$ |
| More than $\$ 90,000$ | $1.5 \%$ | $1.3 \%$ | $1.3 \%$ |
|  |  |  |  |


| West Central |  |  |  |
| ---: | :---: | :---: | :---: |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 30,000$ | $5.1 \%$ | $3.8 \%$ | $2.7 \%$ |
| $\$ 30,000-\$ 45,000$ | $3.3 \%$ | $2.6 \%$ | $2.4 \%$ |
| $\$ 45,000-\$ 65,000$ | $2.6 \%$ | $2.1 \%$ | $2.1 \%$ |
| $\$ 65,000-\$ 90,000$ | $2.1 \%$ | $1.8 \%$ | $1.8 \%$ |
| More than $\$ 90,000$ | $1.6 \%$ | $1.5 \%$ | $1.5 \%$ |
|  |  |  |  |
| Statewide |  |  |  |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 30,000$ | $7.6 \%$ | $6.5 \%$ | $3.8 \%$ |
| $\$ 30,000-\$ 45,000$ | $4.8 \%$ | $4.2 \%$ | $3.4 \%$ |
| $\$ 45,000-\$ 65,000$ | $3.7 \%$ | $3.4 \%$ | $3.1 \%$ |
| $\$ 65,000-\$ 90,000$ | $3.1 \%$ | $2.8 \%$ | $2.8 \%$ |
| $\$ 90,000-\$ 125,000$ | $2.6 \%$ | $2.5 \%$ | $2.5 \%$ |
| More than $\$ 125,000$ | $1.9 \%$ | $1.8 \%$ | $1.8 \%$ |

### 5.2 Metro - Median Burden by Income

| Region/Income | Before HMVC | Before PTR | After PTR |
| :---: | :---: | :---: | :---: |
| Anoka |  |  |  |
| \$10,000 or less | - | - | - |
| \$10,000-\$45,000 | 6.9\% | 6.3\% | 4.1\% |
| \$45,000-\$65,000 | 4.1\% | 3.8\% | 3.4\% |
| \$65,000-\$90,000 | 3.2\% | 3.0\% | 2.9\% |
| \$90,000-\$125,000 | 2.6\% | 2.4\% | 2.4\% |
| More than \$125,000 | 1.9\% | 1.8\% | 1.8\% |
| Carver/Scott |  |  |  |
| \$10,000 or less | - | - | - |
| \$10,000-\$45,000 | 7.7\% | 7.2\% | 4.6\% |
| \$45,000-\$65,000 | 4.6\% | 4.3\% | 3.6\% |
| \$65,000-\$90,000 | 3.7\% | 3.5\% | 3.4\% |
| \$90,000-\$125,000 | 3.1\% | 3.0\% | 3.0\% |
| More than \$125,000 | 2.3\% | 2.2\% | 2.2\% |
| Dakota |  |  |  |
| \$10,000 or less | - | - | - |
| \$10,000-\$45,000 | 6.9\% | 6.3\% | 4.2\% |
| \$45,000-\$65,000 | 4.2\% | 3.9\% | 3.4\% |
| \$65,000-\$90,000 | 3.4\% | 3.2\% | 3.1\% |
| \$90,000-\$125,000 | 2.8\% | 2.7\% | 2.7\% |
| More than \$125,000 | 2.0\% | 1.9\% | 1.9\% |
| Minneapolis |  |  |  |
| \$10,000 or less | - | - | - |
| \$10,000-\$45,000 | 8.1\% | 7.4\% | 4.7\% |
| \$45,000-\$65,000 | 4.7\% | 4.4\% | 3.7\% |
| \$65,000-\$90,000 | 3.8\% | 3.5\% | 3.5\% |
| \$90,000-\$125,000 | 3.1\% | 3.0\% | 3.0\% |
| More than \$125,000 | 2.2\% | 2.2\% | 2.2\% |


| North Hennepin |  |  |  |
| ---: | :---: | :---: | :---: |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 45,000$ | $8.1 \%$ | $7.6 \%$ | $4.7 \%$ |
| $\$ 45,000-\$ 65,000$ | $4.8 \%$ | $4.4 \%$ | $3.7 \%$ |
| $\$ 65,000-\$ 90,000$ | $3.7 \%$ | $3.4 \%$ | $3.3 \%$ |
| $\$ 90,000-\$ 125,000$ | $2.9 \%$ | $2.8 \%$ | $2.8 \%$ |
| More than $\$ 125,000$ | $2.1 \%$ | $2.1 \%$ | $2.1 \%$ |
|  |  |  |  |
| Metro |  |  |  |
| $\$ 10,000$ or less | - | - | - |
| $\$ 10,000-\$ 45,000$ | $7.5 \%$ | $6.8 \%$ | $4.3 \%$ |
| $\$ 45,000-\$ 65,000$ | $4.4 \%$ | $4.1 \%$ | $3.5 \%$ |
| $\$ 65,000-\$ 90,000$ | $3.5 \%$ | $3.2 \%$ | $3.2 \%$ |
| $\$ 90,000-\$ 125,000$ | $2.8 \%$ | $2.7 \%$ | $2.7 \%$ |
| More than $\$ 125,000$ | $2.0 \%$ | $2.0 \%$ | $2.0 \%$ |


| Region/Income | Before <br> HMV C | Before PTR | After PTR |
| :---: | :---: | :---: | :---: |
| Saint Paul |  |  |  |
| \$10,000 or less |  | - | - |
| \$10,000-\$45,000 | 6.9\% | 6.2\% | 4.0\% |
| \$45,000-\$65,000 | 4.0\% | 3.6\% | 3.3\% |
| \$65,000-\$90,000 | 3.1\% | 2.9\% | 2.8\% |
| \$90,000-\$125,000 | 2.6\% | 2.5\% | 2.5\% |
| More than \$125,000 | 2.0\% | 1.9\% | 1.9\% |
| Southeast Hennepin |  |  |  |
| \$10,000 or less |  | - | - |
| \$10,000-\$45,000 | 7.8\% | 7.2\% | 4.5\% |
| \$45,000-\$65,000 | 4.6\% | 4.3\% | 3.6\% |
| \$65,000-\$90,000 | 3.6\% | 3.4\% | 3.3\% |
| \$90,000-\$125,000 | 2.9\% | 2.7\% | 2.7\% |
| More than \$125,000 | 2.0\% | 1.9\% | 1.9\% |
| Southwest Hennepin |  |  |  |
| \$10,000 or less | - | - | - |
| \$10,000-\$45,000 | 8.5\% | 8.0\% | 4.9\% |
| \$45,000-\$65,000 | 4.9\% | 4.6\% | 3.8\% |
| \$65,000-\$90,000 | 4.0\% | 3.8\% | 3.7\% |
| \$90,000-\$125,000 | 3.3\% | 3.2\% | 3.2\% |
| More than \$125,000 | 2.2\% | 2.1\% | 2.1\% |
| Suburban Ramsey |  |  |  |
| \$10,000 or less | - | - | - |
| \$10,000-\$45,000 | 7.3\% | 6.7\% | 4.2\% |
| \$45,000-\$65,000 | 4.4\% | 4.1\% | 3.5\% |
| \$65,000-\$90,000 | 3.4\% | 3.2\% | 3.1\% |
| \$90,000-\$125,000 | 2.7\% | 2.6\% | 2.6\% |
| More than \$125,000 | 1.9\% | 1.8\% | 1.8\% |
| Washington |  |  |  |
| \$10,000 or less | - | - | - |
| \$10,000-\$45,000 | 6.8\% | 6.2\% | 4.1\% |
| \$45,000-\$65,000 | 4.0\% | 3.7\% | 3.3\% |
| \$65,000-\$90,000 | 3.2\% | 3.0\% | 3.0\% |
| \$90,000-\$125,000 | 2.6\% | 2.5\% | 2.5\% |
| More than \$125,000 | 1.9\% | 1.8\% | 1.8\% |
| Statewide |  |  |  |
| \$10,000 or less | - | - | - |
| \$10,000-\$30,000 | 7.6\% | 6.5\% | 3.8\% |
| \$30,000 - \$45,000 | 4.8\% | 4.2\% | 3.4\% |
| \$45,000-\$65,000 | 3.7\% | 3.4\% | 3.1\% |
| \$65,000-\$90,000 | 3.1\% | 2.8\% | 2.8\% |
| \$90,000-\$125,000 | 2.6\% | 2.5\% | 2.5\% |
| More than \$125,000 | 1.9\% | 1.8\% | 1.8\% |

### 5.3 Greater Minnesota - Burdens Greater than 5\% by Income

| Income | Total | Before HMVC |  | Before PTR |  | After PTR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Count | Percent | Count | Percent | Count | Percent |
| Arrowhead |  |  |  |  |  |  |  |
| \$10,000 or less | 4,415 |  | - |  |  |  |  |
| \$10,000-\$30,000 | 19,340 | 8,017 | 41\% | 5,475 | 28\% | 2,957 | 15\% |
| \$30,000 - \$45,000 | 15,851 | 2,372 | 15\% | 1,635 | 10\% | 789 | 5\% |
| \$45,000-\$65,000 | 19,467 | 1,152 | 6\% | 945 | 5\% | 562 | 3\% |
| \$65,000-\$90,000 | 16,750 | 420 | 3\% | 380 | 2\% | 266 | 2\% |
| More than \$90,000 | 17,622 | 167 | 1\% | 163 | 1\% | 148 | 1\% |
| Central |  |  |  |  |  |  |  |
| \$10,000 or less | 2,385 |  | - |  |  |  | - |
| \$10,000-\$30,000 | 10,897 | 9,580 | 88\% | 8,297 | 76\% | 4,070 | 37\% |
| \$30,000 - \$45,000 | 13,414 | 6,225 | 46\% | 4,539 | 34\% | 2,031 | 15\% |
| \$45,000-\$65,000 | 20,538 | 3,003 | 15\% | 2,286 | 11\% | 1,117 | 5\% |
| \$65,000-\$90,000 | 22,099 | 977 | 4\% | 870 | 4\% | 533 | 2\% |
| More than \$90,000 | 26,830 | 230 | 1\% | 224 | 1\% | 189 | 1\% |
| East Central |  |  |  |  |  |  |  |
| \$10,000 or less | 1,194 |  | - | - | - | - | - |
| \$10,000-\$30,000 | 5,079 | 3,765 | 74\% | 3,074 | 61\% | 1,561 | 31\% |
| \$30,000-\$45,000 | 4,886 | 1,763 | 36\% | 1,267 | 26\% | 578 | 12\% |
| \$45,000-\$65,000 | 6,052 | 553 | 9\% | 382 | 6\% | 186 | 3\% |
| \$65,000-\$90,000 | 4,900 | 100 | 2\% | 83 | 2\% | 52 | 1\% |
| More than \$90,000 | 4,026 | 23 | 1\% | 23 | 1\% | 20 | 0\% |
| Minnesota Valley |  |  |  |  |  |  |  |
| \$10,000 or less | 1,471 |  | - |  | - |  | - |
| \$10,000-\$30,000 | 7,631 | 4,205 | 55\% | 2,997 | 39\% | 1,364 | 18\% |
| \$30,000-\$45,000 | 7,235 | 1,554 | 21\% | 1,025 | 14\% | 403 | 6\% |
| \$45,000-\$65,000 | 9,110 | 619 | 7\% | 456 | 5\% | 205 | 2\% |
| \$65,000-\$90,000 | 7,888 | 209 | 3\% | 177 | 2\% | 110 | 1\% |
| More than \$90,000 | 7,465 | 65 | 1\% | 63 | 1\% | 59 | 1\% |
| North Central |  |  |  |  |  |  |  |
| \$10,000 or less | 2,331 |  | - | - | - | - | - |
| \$10,000-\$30,000 | 9,602 | 4,793 | 50\% | 3,302 | 34\% | 1,601 | 17\% |
| \$30,000-\$45,000 | 7,767 | 1,235 | 16\% | 895 | 12\% | 362 | 5\% |
| \$45,000-\$65,000 | 8,808 | 582 | 7\% | 518 | 6\% | 263 | 3\% |
| \$65,000-\$90,000 | 6,880 | 197 | 3\% | 194 | 3\% | 116 | 2\% |
| More than \$90,000 | 6,799 | 87 | 1\% | 87 | 1\% | 82 | 1\% |


| Income | Total | Before HMVC |  | Before PTR |  | After PTR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Count | Percent | Count | Percent | Count | Percent |
| Northwest/Headwaters |  |  |  |  |  |  |  |
| \$10,000 or less | 2,050 |  | - | - | - |  |  |
| \$10,000-\$30,000 | 8,105 | 3,611 | 45\% | 2,456 | 30\% | 1,259 | 16\% |
| \$30,000 - \$45,000 | 6,620 | 1,037 | 16\% | 668 | 10\% | 315 | 5\% |
| \$45,000-\$65,000 | 8,044 | 435 | 5\% | 315 | 4\% | 172 | $2 \%$ |
| \$65,000-\$90,000 | 6,437 | 125 | 2\% | 112 | 2\% | 86 | 1\% |
| More than \$90,000 | 5,773 | 27 | 0\% | 27 | 0\% | 25 | 0\% |
| South Central |  |  |  |  |  |  |  |
| \$10,000 or less | 1,588 |  | - |  |  |  |  |
| \$10,000-\$30,000 | 7,961 | 4,468 | 56\% | 3,175 | 40\% | 1,484 | 19\% |
| \$30,000-\$45,000 | 7,487 | 1,572 | 21\% | 982 | 13\% | 438 | 6\% |
| \$45,000-\$65,000 | 9,538 | 613 | 6\% | 412 | 4\% | 192 | 2\% |
| \$65,000-\$90,000 | 8,411 | 146 | 2\% | 126 | 1\% | 74 | 1\% |
| More than \$90,000 | 8,015 | 30 | 0\% | 27 | 0\% | 25 | 0\% |
| Southeast |  |  |  |  |  |  |  |
| \$10,000 or less | 3,217 |  | - |  | - |  |  |
| \$10,000-\$30,000 | 17,247 | 11,403 | 66\% | 8,674 | 50\% | 4,181 | 24\% |
| \$30,000 - \$45,000 | 18,655 | 5,128 | 27\% | 3,430 | 18\% | 1,539 | 8\% |
| \$45,000-\$65,000 | 24,240 | 2,162 | 9\% | 1,623 | 7\% | 859 | 4\% |
| \$65,000-\$90,000 | 24,262 | 638 | 3\% | 543 | 2\% | 337 | 1\% |
| More than \$90,000 | 31,899 | 242 | 1\% | 232 | 1\% | 212 | 1\% |
| Southwest |  |  |  |  |  |  |  |
| \$10,000 or less | 1,168 | - | - | - | - |  | - |
| \$10,000-\$30,000 | 6,254 | 2,322 | 37\% | 1,473 | 24\% | 631 | 10\% |
| \$30,000-\$45,000 | 5,131 | 593 | 12\% | 354 | 7\% | 127 | $2 \%$ |
| \$45,000-\$65,000 | 6,088 | 264 | 4\% | 175 | 3\% | 79 | 1\% |
| \$65,000-\$90,000 | 4,770 | 80 | 2\% | 64 | 1\% | 37 | 1\% |
| More than \$90,000 | 4,405 | 20 | 0\% | 19 | 0\% | 17 | 0\% |
| West Central |  |  |  |  |  |  |  |
| \$10,000 or less | 1,956 |  | - | - | - |  |  |
| \$10,000-\$30,000 | 9,166 | 4,734 | 52\% | 3,167 | 35\% | 1,596 | 17\% |
| \$30,000-\$45,000 | 8,615 | 1,357 | 16\% | 956 | 11\% | 443 | 5\% |
| \$45,000-\$65,000 | 10,949 | 620 | 6\% | 494 | 5\% | 256 | 2\% |
| \$65,000-\$90,000 | 9,428 | 209 | 2\% | 189 | 2\% | 116 | 1\% |
| More than \$90,000 | 9,921 | 66 | 1\% | 65 | 1\% | 56 | 1\% |
| Greater Minnesota |  |  |  |  |  |  |  |
| \$10,000 or less | 21,775 | - | - | - | - | - | - |
| \$10,000-\$30,000 | 101,282 | 56,898 | 56\% | 42,090 | 42\% | 20,704 | 20\% |
| \$30,000 - \$45,000 | 95,661 | 22,836 | 24\% | 15,751 | 16\% | 7,025 | 7\% |
| \$45,000-\$65,000 | 122,834 | 10,003 | 8\% | 7,606 | 6\% | 3,891 | 3\% |
| \$65,000-\$90,000 | 111,825 | 3,101 | 3\% | 2,738 | 2\% | 1,727 | 2\% |
| More than \$90,000 | 122,755 | 957 | 1\% | 930 | 1\% | 833 | 1\% |

### 5.4 Metro - Burdens Greater than 5\% by Income

| Income | Total | Before HMVC |  | Before PTR |  | After PTR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Count | Percent | Count | Percent | Count | Percent |
| Anoka |  |  |  |  |  |  |  |
| \$10,000 or less | 1,777 |  | - |  | - |  | - |
| \$10,000-\$45,000 | 19,320 | 15,982 | 83\% | 13,932 | 72\% | 6,217 | 32\% |
| \$45,000-\$65,000 | 18,287 | 3,962 | 22\% | 2,948 | 16\% | 1,306 | 7\% |
| \$65,000-\$90,000 | 20,372 | 1,129 | 6\% | 1,022 | 5\% | 569 | 3\% |
| \$90,000-\$125,000 | 16,916 | 348 | 2\% | 346 | 2\% | 283 | 2\% |
| More than \$125,000 | 13,324 | 73 | 1\% | 73 | 1\% | 70 | 1\% |
| Carver/Scott |  |  |  |  |  |  |  |
| \$10,000 or less | 1,057 |  | - |  | - |  | - |
| \$10,000-\$45,000 | 9,663 | 8,199 | 85\% | 7,420 | 77\% | 4,249 | 44\% |
| \$45,000-\$65,000 | 9,266 | 3,672 | 40\% | 3,064 | 33\% | 1,578 | 17\% |
| \$65,000-\$90,000 | 11,835 | 1,904 | 16\% | 1,738 | 15\% | 1,126 | 10\% |
| \$90,000 - \$125,000 | 11,954 | 924 | 8\% | 904 | 8\% | 836 | 7\% |
| More than \$125,000 | 15,338 | 384 | 3\% | 384 | $3 \%$ | 382 | 2\% |
| Dakota |  |  |  |  |  |  |  |
| \$10,000 or less | 1,987 |  | - | - | - |  | - |
| \$10,000-\$45,000 | 20,026 | 15,405 | 77\% | 13,552 | 68\% | 7,216 | 36\% |
| \$45,000-\$65,000 | 19,072 | 5,298 | 28\% | 4,273 | 22\% | 2,232 | 12\% |
| \$65,000-\$90,000 | 22,137 | 2,362 | 11\% | 2,179 | 10\% | 1,458 | 7\% |
| \$90,000-\$125,000 | 21,461 | 864 | 4\% | 844 | 4\% | 769 | 4\% |
| More than \$125,000 | 24,814 | 299 | 1\% | 298 | 1\% | 296 | 1\% |
| Minneapolis |  |  |  |  |  |  |  |
| \$10,000 or less | 3,016 |  | - | - | - | - | - |
| \$10,000-\$45,000 | 21,891 | 18,700 | 85\% | 16,961 | 77\% | 10,077 | 46\% |
| \$45,000-\$65,000 | 14,054 | 5,934 | 42\% | 4,839 | 34\% | 2,663 | 19\% |
| \$65,000-\$90,000 | 12,347 | 2,369 | 19\% | 2,133 | 17\% | 1,498 | 12\% |
| \$90,000 - \$125,000 | 9,403 | 1,007 | 11\% | 991 | 11\% | 937 | 10\% |
| More than \$125,000 | 12,894 | 647 | 5\% | 647 | 5\% | 642 | 5\% |
| North Hennepin |  |  |  |  |  |  |  |
| \$10,000 or less | 1,615 |  | - | - | - | - | - |
| \$10,000-\$45,000 | 16,732 | 15,264 | 91\% | 14,298 | 85\% | 7,505 | 45\% |
| \$45,000-\$65,000 | 14,118 | 5,901 | 42\% | 4,424 | 31\% | 1,864 | 13\% |
| \$65,000-\$90,000 | 15,668 | 1,763 | 11\% | 1,556 | 10\% | 919 | 6\% |
| \$90,000-\$125,000 | 13,497 | 630 | 5\% | 617 | 5\% | 551 | 4\% |
| More than \$125,000 | 13,571 | 133 | 1\% | 133 | 1\% | 128 | 1\% |


| Income | Total | Before HMVC |  | Before PTR |  | After PTR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Count | Percent | Count | Percent | Count | Percent |
| Saint Paul |  |  |  |  |  |  |  |
| \$10,000 or less | 1,932 |  | - |  | - |  |  |
| \$10,000-\$45,000 | 17,965 | 14,074 | 78\% | 12,078 | 67\% | 5,939 | 33\% |
| \$45,000-\$65,000 | 11,495 | 2,412 | 21\% | 1,891 | 16\% | 1,002 | 9\% |
| \$65,000-\$90,000 | 9,970 | 919 | 9\% | 835 | 8\% | 551 | 6\% |
| \$90,000-\$125,000 | 7,037 | 375 | 5\% | 370 | 5\% | 320 | 5\% |
| More than \$125,000 | 8,106 | 186 | 2\% | 186 | 2\% | 184 | 2\% |
| Southeast Hennepin |  |  |  |  |  |  |  |
| \$10,000 or less | 1,582 |  |  |  |  |  |  |
| \$10,000-\$45,000 | 15,663 | 13,148 | 84\% | 12,143 | 78\% | 6,311 | 40\% |
| \$45,000-\$65,000 | 12,465 | 4,790 | 38\% | 3,797 | 30\% | 1,708 | 14\% |
| \$65,000-\$90,000 | 12,696 | 1,622 | 13\% | 1,505 | 12\% | 986 | 8\% |
| \$90,000-\$125,000 | 11,002 | 696 | 6\% | 692 | 6\% | 640 | 6\% |
| More than \$125,000 | 17,652 | 506 | $3 \%$ | 506 | $3 \%$ | 501 | $3 \%$ |
| Southwest Hennepin |  |  |  |  |  |  |  |
| \$10,000 or less | 1,484 |  | - |  | - |  |  |
| \$10,000-\$45,000 | 9,857 | 8,419 | 85\% | 7,782 | 79\% | 4,814 | 49\% |
| \$45,000-\$65,000 | 8,876 | 4,203 | 47\% | 3,762 | 42\% | 2,049 | 23\% |
| \$65,000-\$90,000 | 10,878 | 2,687 | 25\% | 2,530 | 23\% | 1,722 | 16\% |
| \$90,000-\$125,000 | 11,786 | 1,475 | 13\% | 1,475 | 13\% | 1,396 | 12\% |
| More than \$125,000 | 27,367 | 1,233 | 5\% | 1,233 | 5\% | 1,224 | 4\% |
| Suburban Ramsey |  |  |  |  |  |  |  |
| \$10,000 or less | 1,133 |  | - |  | - |  | - |
| \$10,000-\$45,000 | 13,197 | 11,103 | 84\% | 10,037 | 76\% | 4,444 | 34\% |
| \$45,000-\$65,000 | 11,524 | 3,582 | 31\% | 2,769 | 24\% | 1,168 | 10\% |
| \$65,000-\$90,000 | 12,618 | 1,049 | 8\% | 937 | 7\% | 571 | 5\% |
| \$90,000-\$125,000 | 11,089 | 446 | 4\% | 444 | 4\% | 409 | 4\% |
| More than \$125,000 | 13,198 | 230 | 2\% | 230 | 2\% | 220 | 2\% |
| Washington |  |  |  |  |  |  |  |
| \$10,000 or less | 1,205 |  | - | - | - |  |  |
| \$10,000-\$45,000 | 11,411 | 8,747 | 77\% | 7,709 | 68\% | 3,916 | 34\% |
| \$45,000-\$65,000 | 11,255 | 2,617 | 23\% | 2,199 | 20\% | 1,132 | 10\% |
| \$65,000-\$90,000 | 13,561 | 1,069 | 8\% | 1,027 | 8\% | 663 | 5\% |
| \$90,000-\$125,000 | 13,301 | 435 | 3\% | 434 | 3\% | 382 | 3\% |
| More than \$125,000 | 17,131 | 156 | 1\% | 156 | 1\% | 152 | 1\% |
| Metro |  |  |  |  |  |  |  |
| \$10,000 or less | 16,788 |  | - | - | - | - | - |
| \$10,000-\$45,000 | 155,725 | 129,041 | 83\% | 115,912 | 74\% | 60,688 | 39\% |
| \$45,000-\$65,000 | 130,412 | 42,371 | 32\% | 33,966 | 26\% | 16,702 | 13\% |
| \$65,000-\$90,000 | 142,082 | 16,873 | 12\% | 15,462 | 11\% | 10,063 | 7\% |
| \$90,000-\$125,000 | 127,446 | 7,200 | 6\% | 7,117 | 6\% | 6,523 | 5\% |
| More than \$125,000 | 163,395 | 3,847 | 2\% | 3,846 | 2\% | 3,799 | 2\% |

