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# Residential Homestead Property Tax Burden Report

## Taxes Payable 2021

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Property Tax Division  
March 2023  
[www.revenue.state.mn.us](http://www.revenue.state.mn.us)



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# 1 Introduction

This report is a summary of homestead property values and property taxes. It profiles 20 regions in Minnesota based on residential homestead property taxes (payable in 2021) and income (earned in 2020). The information in this report makes basic comparisons of income and property taxation possible. Still, numerous factors, including policy decisions unique to each region, affect property taxes. They make true comparisons among regions difficult and correlations among the data even more challenging.

## 1.1 General information

The 2008 Legislature appropriated one-time funding for the Minnesota Department of Revenue to develop and maintain a property tax and income-earned database for Minnesota homeowners.

The first Residential Homestead Property Tax Burden Report was published in 2009 using that database. This is the 13th publication. The department maintains the database and provides ongoing periodic reports. You can find the report online at [www.revenue.state.mn.us](http://www.revenue.state.mn.us). Type **Property Tax Burden Report** into the Search box.

The database is often called the Voss database after Rep. Gordon Voss, who sponsored the 1987 legislation that first mandated this kind of data collection.

## 1.2 Important factors that determine homestead property taxes

The property tax levied on a homestead depends on many factors. Among the most important ones are:

- **Level of public services:** The level of public spending varies across the state. Generally, more and better services mean higher property taxes. Townships generally provide 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:** The level of state and federal aid to local governments can raise or lower property taxes. So can the amount of revenue generated by fees, charges, local sales taxes, and other non-property revenue sources.
- **Tax base composition and property tax classification system:** The amount of property tax generated by commercial, industrial, cabin, farm, and other non-homestead property types, can affect a homeowner's property tax bill. Significant property tax revenue coming from these properties generally results in lower property tax bills for homeowners.
- **Property tax refunds:** Property tax refunds lower homestead property taxes.
- **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 depend on an accurate assessment of each property's market value.

### 1.3 About the Voss database

The Minnesota Department of Revenue collected the data used to prepare this report and compiled it in the property tax-income database called the Voss database.

For each homestead in the state, the database contains data on estimated market value, state-paid property tax refunds, net property tax, and homeowner 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 homeowners' income (a measure of housing consumption)
- The property tax burden as a percent of homeowners' income

This report contains tables that show how these measures vary across the state. For example:

- Table 1.7 shows that the median-valued homestead in 2021 was \$194,900 in the Southeast region of the state and \$296,900 in Dakota County.
- Table 3.6 shows that 6.9% of homesteads in the Arrowhead region had income in 2020 of more than \$180,000 while 19.6% of Minneapolis homesteads had income of more than \$180,000.

The report also shows how burdens vary by income level. Table 4.1 shows that the median property tax burden for homeowners in Greater Minnesota with incomes of \$10,000 to \$30,000 was 3.2% of income, while the median burden for those with income of \$90,000 or more was 2.1% of income.

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

### 1.4 Data Compilation Process

As part of an overall tax compliance program, the 1986 Legislature passed a law requiring homeowners applying for homestead status on their property to file a homestead application with their county assessor (M.S. 273.124, subd. 13).

Homestead status is considered a tax compliance issue because homesteads benefit from reduced class rates, and may be eligible for certain exclusions, 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 must compile this data in one file and submit it to the Department of Revenue. At the department's request, counties also include the parcel identification number, estimated market value, tax amount, location indicators, and homestead property type (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 any possibly improper claims were made.

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 laid the groundwork for linking property tax and income data. In 1987, the Legislature passed a law to mandate tracking of this linked data.

## 1.5 Excluded Records

The database used for this report does not include all homesteads in the state:

- This report's analysis is limited to each homestead's base parcel. The value and tax associated with other chained parcels (such as side lots) are excluded.
- Agricultural and manufactured homesteads are outside the scope of this report.
- Relative homesteads, occupied by a qualifying relative of the property's owner, are excluded from the study. The main reason is that a relative homestead's actual property tax burden is unknown and may not be highly correlated to true financial distress.
- To be eligible for a property tax refund, taxpayers must both own and occupy their homestead on January 2 of the year in which the tax is due. For the 2021 report, approximately 4% of records were excluded because they did not reflect ownership changes resulting from property sales that occurred before January 2, 2021.
- Additional records are excluded if no income data is available. For the 2021 report, approximately 4.5% of records were excluded because homestead income was unknown. Most years this figure is about 3%. The increase is presumably due to the impact that the COVID-19 pandemic had on personal income in 2020.

## 1.6 Definitions and Main Data Elements

The variables in this report are defined briefly below:

- **Estimated Market Value** – The county assessor's full estimated market value of the homestead portion of each parcel (as of January 2, 2020).
- **Homestead Market Value Exclusion** – Excludes a portion of estimated market value from taxable market value. The exclusion replaced the Homestead Market Value Credit beginning with taxes payable in 2012. The amount of the exclusion (\$0-\$30,400 per homestead) is based solely on market value. Approximately 87% of homesteads received some property tax relief through this exclusion in 2021.

(**Note:** The actual reduction in taxes depends on the local tax rate. Due to the complex nature of the calculations that would be required, a regional comparison of the net benefit of the exclusion lies outside the scope of this report.)

- **Property Tax Refund (PTR)** – The sum of the regular PTR and the targeted, or special, refund. The “No Refund” range represents instances where there was no match between the property tax refund and income files. Statewide, approximately 38% of residential homesteads received a property tax refund in 2021.
- **Net Tax** – The net property tax after credits and refunds. The value is calculated by subtracting the regular and targeted refund amounts from the PTR 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, expressed as a percentage. In cases where a homestead’s base parcel includes both residential and other uses 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, public assistance, etc.
- **EMV / Income Ratio** – The ratio of the assessed value of the homestead to the income of the homesteaders.
- **Property Tax Burden** – The Net Tax divided by Homestead Income.



1.7 Payable 2021 Median Values by Region

	Homestead Count	EMV	MV Exclusion	Net Tax	Effective Tax Rate	Homestead Income	EMV / Income	Burden Before PTR	Burden After PTR
Arrowhead	87,987	\$155,100	\$21,805	\$1,427	0.93%	\$70,005	2.18	2.4%	2.2%
Central	105,360	\$232,100	\$16,288	\$2,369	1.07%	\$90,799	2.52	3.1%	2.6%
East Central	42,521	\$210,200	\$18,106	\$2,189	1.10%	\$77,319	2.66	3.4%	2.8%
Minnesota Valley	40,403	\$145,700	\$22,426	\$1,498	1.08%	\$73,071	1.96	2.4%	2.2%
North Central	41,884	\$178,400	\$20,392	\$1,392	0.81%	\$66,363	2.65	2.4%	2.1%
Northwest/Headwaters	36,401	\$143,300	\$22,280	\$1,354	0.96%	\$70,653	1.99	2.1%	2.0%
South Central	54,862	\$166,700	\$21,103	\$1,750	1.11%	\$75,828	2.16	2.7%	2.4%
Southwest	122,604	\$194,900	\$19,420	\$2,056	1.11%	\$83,210	2.32	2.9%	2.5%
West Central	25,973	\$115,900	\$23,497	\$1,136	1.07%	\$67,912	1.68	1.9%	1.8%
West Central	55,806	\$188,300	\$19,560	\$1,676	0.90%	\$76,977	2.40	2.5%	2.2%
Greater Minnesota	613,801	\$184,700	\$19,825	\$1,793	1.03%	\$77,533	2.30	2.7%	2.4%
Anoka	90,116	\$257,700	\$14,047	\$2,472	1.01%	\$92,744	2.85	3.1%	2.6%
Carver/Scott	63,629	\$318,600	\$8,557	\$3,306	1.12%	\$117,338	2.66	3.1%	2.7%
Dakota	106,461	\$296,900	\$10,519	\$2,925	1.08%	\$104,811	2.77	3.2%	2.7%
Minneapolis	66,762	\$284,500	\$11,635	\$3,053	1.22%	\$92,474	3.01	3.8%	3.1%
North Hennepin	73,418	\$260,100	\$13,831	\$2,941	1.20%	\$97,036	2.73	3.6%	2.9%
Saint Paul	51,424	\$223,500	\$17,116	\$2,625	1.33%	\$81,747	2.81	4.0%	3.1%
Southeast Hennepin	64,219	\$291,900	\$10,969	\$3,254	1.21%	\$102,384	2.86	3.6%	3.0%
Southwest Hennepin	67,525	\$381,000	\$2,950	\$4,300	1.19%	\$131,788	2.78	3.3%	2.9%
Suburban Ramsey	59,395	\$272,400	\$12,715	\$3,063	1.23%	\$96,685	2.82	3.7%	3.0%
Washington	70,300	\$311,600	\$9,196	\$3,172	1.06%	\$111,289	2.76	3.2%	2.8%
Metro	713,249	\$287,000	\$11,410	\$3,013	1.12%	\$102,225	2.80	3.4%	2.8%
Statewide	1,327,050	\$242,900	\$15,154	\$2,410	1.08%	\$89,525	2.57	3.1%	2.6%

## 2 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 3: Variable Profiles.

### Greater Minnesota Composition

**Arrowhead** – Aitkin, Carlton, Cook, Itasca, Koochiching, 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, Mahnommen, Norman, Pennington, Polk, Red Lake, Roseau

**South Central** – Blue Earth, 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, 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

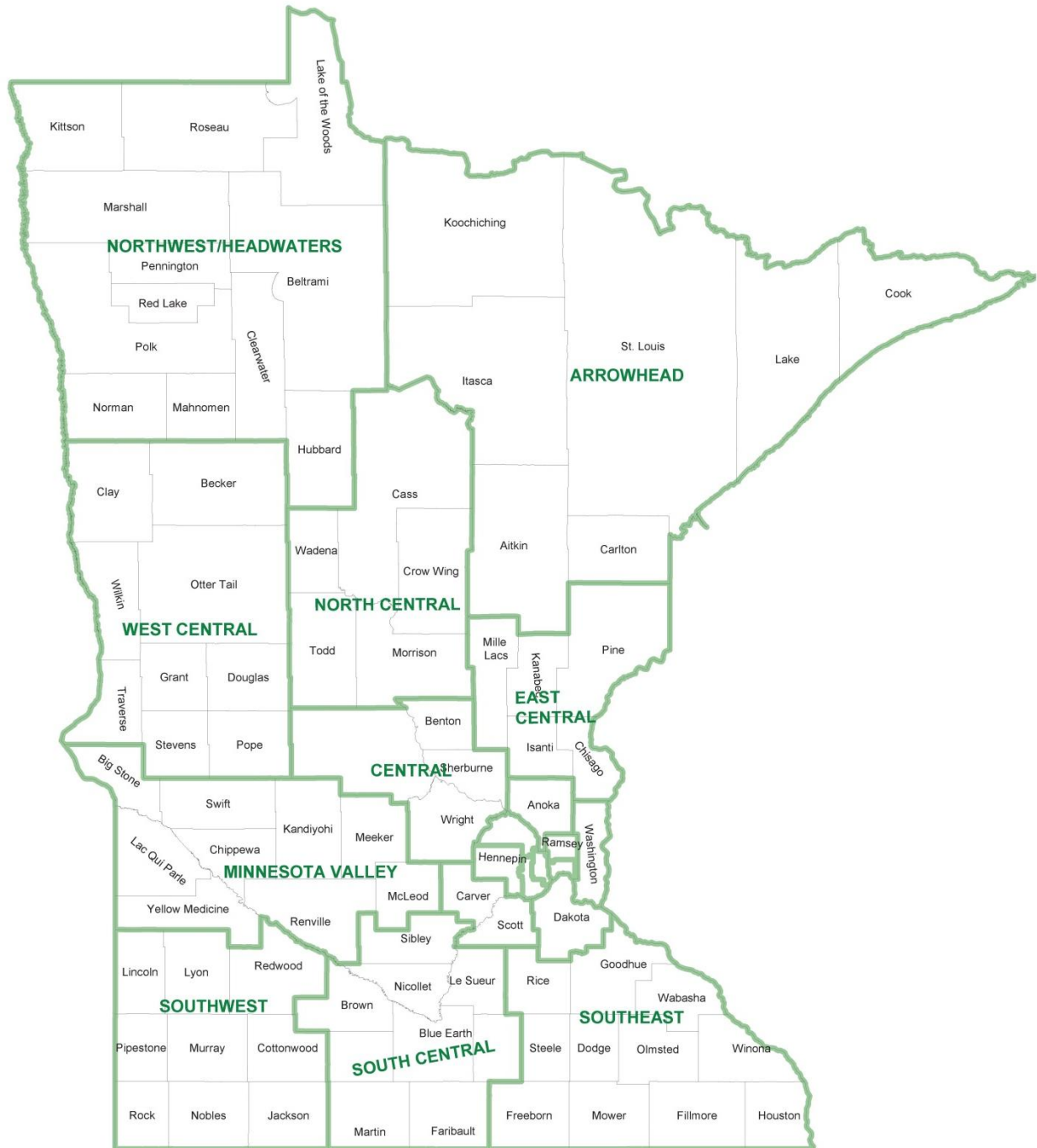


Figure 1 – Greater Minnesota Map

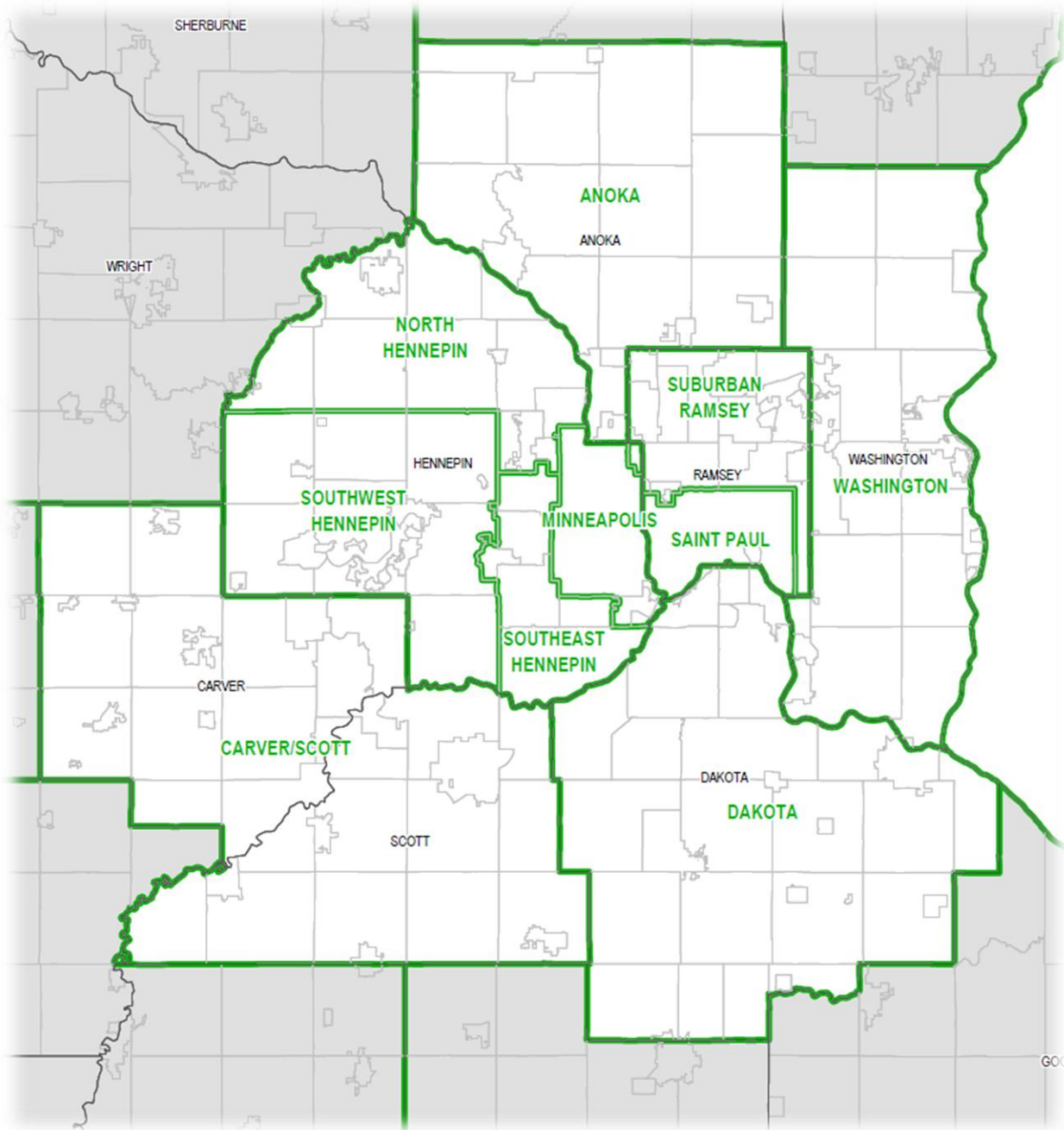


Figure 2 – Metro Map

## 2.1 Statewide

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	23,157	1.7%	0.15% or less	13,011	1.0%
\$50,000-\$100,000	82,319	6.2%	0.15%-0.30%	15,230	1.1%
\$100,000-\$150,000	141,329	10.6%	0.30%-0.45%	35,746	2.7%
\$150,000-\$200,000	206,571	15.6%	0.45%-0.60%	67,845	5.1%
\$200,000-\$250,000	244,595	18.4%	0.60%-0.75%	134,637	10.1%
\$250,000-\$300,000	201,078	15.2%	0.75%-0.90%	170,263	12.8%
\$300,000-\$350,000	138,802	10.5%	0.90%-1.05%	183,686	13.8%
\$350,000-\$400,000	95,195	7.2%	1.05%-1.20%	239,600	18.1%
\$400,000-\$450,000	63,399	4.8%	1.20%-1.35%	252,818	19.1%
More than \$450,000	130,605	9.8%	More than 1.35%	214,214	16.1%
<b>Total</b>	<b>1,327,050</b>	<b>100.0%</b>	<b>Total</b>	<b>1,327,050</b>	<b>100.0%</b>
Market Value Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	174,233	13.1%	\$20,000 or less	61,189	4.6%
\$1-\$10,000	249,917	18.8%	\$20,000-\$40,000	140,405	10.6%
\$10,000-\$12,500	104,373	7.9%	\$40,000-\$60,000	189,723	14.3%
\$12,500-\$15,000	126,236	9.5%	\$60,000-\$80,000	189,210	14.3%
\$15,000-\$17,500	142,504	10.7%	\$80,000-\$100,000	167,998	12.7%
\$17,500-\$20,000	140,001	10.5%	\$100,000-\$120,000	146,328	11.0%
\$20,000-\$22,500	124,659	9.4%	\$120,000-\$140,000	110,158	8.3%
\$22,500-\$25,000	101,856	7.7%	\$140,000-\$160,000	73,612	5.5%
\$25,000-\$27,500	85,377	6.4%	\$160,000-\$180,000	52,677	4.0%
More than \$27,500	77,894	5.9%	More than \$180,000	195,750	14.8%
<b>Total</b>	<b>1,327,050</b>	<b>100.0%</b>	<b>Total</b>	<b>1,327,050</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	827,050	62.3%	1.0 or less	83,072	6.3%
\$1-\$200	34,475	2.6%	1.0-2.0	345,892	26.1%
\$200-\$400	45,029	3.4%	2.0-3.0	372,080	28.0%
\$400-\$600	57,488	4.3%	3.0-4.0	206,229	15.5%
\$600-\$800	60,534	4.6%	4.0-5.0	108,863	8.2%
\$800-\$1,000	58,558	4.4%	5.0-6.0	60,549	4.6%
\$1,000-\$1,200	54,476	4.1%	6.0-7.0	37,328	2.8%
\$1,200-\$1,400	50,540	3.8%	7.0-8.0	24,646	1.9%
\$1,400-\$1,600	39,988	3.0%	8.0-9.0	16,960	1.3%
More than \$1,600	98,912	7.5%	More than 9.0	71,431	5.4%
<b>Total</b>	<b>1,327,050</b>	<b>100.0%</b>	<b>Total</b>	<b>1,327,050</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	58,781	4.4%	1.0% or less	85,696	6.5%
\$500-\$1,000	112,680	8.5%	1.0%-2.0%	254,529	19.2%
\$1,000-\$1,500	161,822	12.2%	2.0%-3.0%	498,788	37.6%
\$1,500-\$2,000	187,539	14.1%	3.0%-4.0%	254,709	19.2%
\$2,000-\$2,500	172,299	13.0%	4.0%-5.0%	96,387	7.3%
\$2,500-\$3,000	143,966	10.8%	5.0%-6.0%	42,161	3.2%
\$3,000-\$3,500	113,893	8.6%	6.0%-7.0%	21,986	1.7%
\$3,500-\$4,000	84,866	6.4%	7.0%-8.0%	13,622	1.0%
\$4,000-\$4,500	67,514	5.1%	8.0%-9.0%	9,186	0.7%
More than \$4,500	223,690	16.9%	More than 9.0%	49,986	3.8%
<b>Total</b>	<b>1,327,050</b>	<b>100.0%</b>	<b>Total</b>	<b>1,327,050</b>	<b>100.0%</b>

## 2.2 Greater Minnesota

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	22,850	3.7%	0.15% or less	9,893	1.6%
\$50,000-\$100,000	77,509	12.6%	0.15%-0.30%	9,000	1.5%
\$100,000-\$150,000	116,991	19.1%	0.30%-0.45%	20,362	3.3%
\$150,000-\$200,000	127,521	20.8%	0.45%-0.60%	36,160	5.9%
\$200,000-\$250,000	100,871	16.4%	0.60%-0.75%	62,398	10.2%
\$250,000-\$300,000	65,145	10.6%	0.75%-0.90%	87,970	14.3%
\$300,000-\$350,000	41,350	6.7%	0.90%-1.05%	96,477	15.7%
\$350,000-\$400,000	25,057	4.1%	1.05%-1.20%	93,145	15.2%
\$400,000-\$450,000	14,315	2.3%	1.20%-1.35%	80,232	13.1%
More than \$450,000	22,192	3.6%	More than 1.35%	118,164	19.3%
<b>Total</b>	<b>613,801</b>	<b>100.0%</b>	<b>Total</b>	<b>613,801</b>	<b>100.0%</b>
Market Value Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	31,751	5.2%	\$20,000 or less	36,500	5.9%
\$1-\$10,000	73,119	11.9%	\$20,000-\$40,000	81,413	13.3%
\$10,000-\$12,500	34,997	5.7%	\$40,000-\$60,000	102,770	16.7%
\$12,500-\$15,000	44,800	7.3%	\$60,000-\$80,000	97,374	15.9%
\$15,000-\$17,500	57,576	9.4%	\$80,000-\$100,000	82,831	13.5%
\$17,500-\$20,000	70,026	11.4%	\$100,000-\$120,000	67,390	11.0%
\$20,000-\$22,500	78,705	12.8%	\$120,000-\$140,000	46,799	7.6%
\$22,500-\$25,000	78,275	12.8%	\$140,000-\$160,000	28,372	4.6%
\$25,000-\$27,500	72,980	11.9%	\$160,000-\$180,000	18,292	3.0%
More than \$27,500	71,572	11.7%	More than \$180,000	52,060	8.5%
<b>Total</b>	<b>613,801</b>	<b>100.0%</b>	<b>Total</b>	<b>613,801</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	398,813	65.0%	1.0 or less	55,998	9.1%
\$1-\$200	23,037	3.8%	1.0-2.0	190,848	31.1%
\$200-\$400	27,109	4.4%	2.0-3.0	162,252	26.4%
\$400-\$600	29,843	4.9%	3.0-4.0	82,197	13.4%
\$600-\$800	28,527	4.6%	4.0-5.0	42,300	6.9%
\$800-\$1,000	25,381	4.1%	5.0-6.0	23,501	3.8%
\$1,000-\$1,200	21,171	3.4%	6.0-7.0	14,337	2.3%
\$1,200-\$1,400	17,910	2.9%	7.0-8.0	9,527	1.6%
\$1,400-\$1,600	13,039	2.1%	8.0-9.0	6,534	1.1%
More than \$1,600	28,971	4.7%	More than 9.0	26,307	4.3%
<b>Total</b>	<b>613,801</b>	<b>100.0%</b>	<b>Total</b>	<b>613,801</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	51,419	8.4%	1.0% or less	64,445	10.5%
\$500-\$1,000	88,811	14.5%	1.0%-2.0%	154,533	25.2%
\$1,000-\$1,500	106,055	17.3%	2.0%-3.0%	220,896	36.0%
\$1,500-\$2,000	99,204	16.2%	3.0%-4.0%	92,608	15.1%
\$2,000-\$2,500	79,394	12.9%	4.0%-5.0%	33,158	5.4%
\$2,500-\$3,000	57,543	9.4%	5.0%-6.0%	14,673	2.4%
\$3,000-\$3,500	38,459	6.3%	6.0%-7.0%	7,802	1.3%
\$3,500-\$4,000	26,387	4.3%	7.0%-8.0%	4,905	0.8%
\$4,000-\$4,500	19,264	3.1%	8.0%-9.0%	3,289	0.5%
More than \$4,500	47,265	7.7%	More than 9.0%	17,492	2.8%
<b>Total</b>	<b>613,801</b>	<b>100.0%</b>	<b>Total</b>	<b>613,801</b>	<b>100.0%</b>

## 2.3 Metro

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	307	0.0%	0.15% or less	3,118	0.4%
\$50,000-\$100,000	4,810	0.7%	0.15%-0.30%	6,230	0.9%
\$100,000-\$150,000	24,338	3.4%	0.30%-0.45%	15,384	2.2%
\$150,000-\$200,000	79,050	11.1%	0.45%-0.60%	31,685	4.4%
\$200,000-\$250,000	143,724	20.2%	0.60%-0.75%	72,239	10.1%
\$250,000-\$300,000	135,933	19.1%	0.75%-0.90%	82,293	11.5%
\$300,000-\$350,000	97,452	13.7%	0.90%-1.05%	87,209	12.2%
\$350,000-\$400,000	70,138	9.8%	1.05%-1.20%	146,455	20.5%
\$400,000-\$450,000	49,084	6.9%	1.20%-1.35%	172,586	24.2%
More than \$450,000	108,413	15.2%	More than 1.35%	96,050	13.5%
<b>Total</b>	<b>713,249</b>	<b>100.0%</b>	<b>Total</b>	<b>713,249</b>	<b>100.0%</b>
Market Value Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	142,482	20.0%	\$20,000 or less	24,689	3.5%
\$1-\$10,000	176,798	24.8%	\$20,000-\$40,000	58,992	8.3%
\$10,000-\$12,500	69,376	9.7%	\$40,000-\$60,000	86,953	12.2%
\$12,500-\$15,000	81,436	11.4%	\$60,000-\$80,000	91,836	12.9%
\$15,000-\$17,500	84,928	11.9%	\$80,000-\$100,000	85,167	11.9%
\$17,500-\$20,000	69,975	9.8%	\$100,000-\$120,000	78,938	11.1%
\$20,000-\$22,500	45,954	6.4%	\$120,000-\$140,000	63,359	8.9%
\$22,500-\$25,000	23,581	3.3%	\$140,000-\$160,000	45,240	6.3%
\$25,000-\$27,500	12,397	1.7%	\$160,000-\$180,000	34,385	4.8%
More than \$27,500	6,322	0.9%	More than \$180,000	143,690	20.1%
<b>Total</b>	<b>713,249</b>	<b>100.0%</b>	<b>Total</b>	<b>713,249</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	428,237	60.0%	1.0 or less	27,074	3.8%
\$1-\$200	11,438	1.6%	1.0-2.0	155,044	21.7%
\$200-\$400	17,920	2.5%	2.0-3.0	209,828	29.4%
\$400-\$600	27,645	3.9%	3.0-4.0	124,032	17.4%
\$600-\$800	32,007	4.5%	4.0-5.0	66,563	9.3%
\$800-\$1,000	33,177	4.7%	5.0-6.0	37,048	5.2%
\$1,000-\$1,200	33,305	4.7%	6.0-7.0	22,991	3.2%
\$1,200-\$1,400	32,630	4.6%	7.0-8.0	15,119	2.1%
\$1,400-\$1,600	26,949	3.8%	8.0-9.0	10,426	1.5%
More than \$1,600	69,941	9.8%	More than 9.0	45,124	6.3%
<b>Total</b>	<b>713,249</b>	<b>100.0%</b>	<b>Total</b>	<b>713,249</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	7,362	1.0%	1.0% or less	21,251	3.0%
\$500-\$1,000	23,869	3.3%	1.0%-2.0%	99,996	14.0%
\$1,000-\$1,500	55,767	7.8%	2.0%-3.0%	277,892	39.0%
\$1,500-\$2,000	88,335	12.4%	3.0%-4.0%	162,101	22.7%
\$2,000-\$2,500	92,905	13.0%	4.0%-5.0%	63,229	8.9%
\$2,500-\$3,000	86,423	12.1%	5.0%-6.0%	27,488	3.9%
\$3,000-\$3,500	75,434	10.6%	6.0%-7.0%	14,184	2.0%
\$3,500-\$4,000	58,479	8.2%	7.0%-8.0%	8,717	1.2%
\$4,000-\$4,500	48,250	6.8%	8.0%-9.0%	5,897	0.8%
More than \$4,500	176,425	24.7%	More than 9.0%	32,494	4.6%
<b>Total</b>	<b>713,249</b>	<b>100.0%</b>	<b>Total</b>	<b>713,249</b>	<b>100.0%</b>

## 2.4 Arrowhead

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	4,735	5.4%	0.15% or less	2,023	2.3%
\$50,000-\$100,000	17,443	19.8%	0.15%-0.30%	2,360	2.7%
\$100,000-\$150,000	19,929	22.6%	0.30%-0.45%	5,470	6.2%
\$150,000-\$200,000	16,886	19.2%	0.45%-0.60%	7,495	8.5%
\$200,000-\$250,000	11,137	12.7%	0.60%-0.75%	11,554	13.1%
\$250,000-\$300,000	6,753	7.7%	0.75%-0.90%	12,772	14.5%
\$300,000-\$350,000	4,192	4.8%	0.90%-1.05%	11,520	13.1%
\$350,000-\$400,000	2,628	3.0%	1.05%-1.20%	10,494	11.9%
\$400,000-\$450,000	1,604	1.8%	1.20%-1.35%	8,652	9.8%
More than \$450,000	2,680	3.0%	More than 1.35%	15,647	17.8%
<b>Total</b>	<b>87,987</b>	<b>100.0%</b>	<b>Total</b>	<b>87,987</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	3,793	4.3%	\$20,000 or less	6,770	7.7%
\$1-\$10,000	7,669	8.7%	\$20,000-\$40,000	13,921	15.8%
\$10,000-\$12,500	3,797	4.3%	\$40,000-\$60,000	15,773	17.9%
\$12,500-\$15,000	5,130	5.8%	\$60,000-\$80,000	14,270	16.2%
\$15,000-\$17,500	6,802	7.7%	\$80,000-\$100,000	11,303	12.8%
\$17,500-\$20,000	9,003	10.2%	\$100,000-\$120,000	8,498	9.7%
\$20,000-\$22,500	10,993	12.5%	\$120,000-\$140,000	5,802	6.6%
\$22,500-\$25,000	12,800	14.5%	\$140,000-\$160,000	3,456	3.9%
\$25,000-\$27,500	13,092	14.9%	\$160,000-\$180,000	2,144	2.4%
More than \$27,500	14,908	16.9%	More than \$180,000	6,050	6.9%
<b>Total</b>	<b>87,987</b>	<b>100.0%</b>	<b>Total</b>	<b>87,987</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	62,665	71.2%	1.0 or less	10,495	11.9%
\$1-\$200	2,947	3.3%	1.0-2.0	28,695	32.6%
\$200-\$400	3,248	3.7%	2.0-3.0	20,512	23.3%
\$400-\$600	3,390	3.9%	3.0-4.0	10,910	12.4%
\$600-\$800	3,157	3.6%	4.0-5.0	5,759	6.5%
\$800-\$1,000	2,855	3.2%	5.0-6.0	3,367	3.8%
\$1,000-\$1,200	2,347	2.7%	6.0-7.0	1,984	2.3%
\$1,200-\$1,400	2,137	2.4%	7.0-8.0	1,398	1.6%
\$1,400-\$1,600	1,523	1.7%	8.0-9.0	974	1.1%
More than \$1,600	3,718	4.2%	More than 9.0	3,893	4.4%
<b>Total</b>	<b>87,987</b>	<b>100.0%</b>	<b>Total</b>	<b>87,987</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	14,553	16.5%	1.0% or less	16,678	19.0%
\$500-\$1,000	16,056	18.2%	1.0%-2.0%	23,089	26.2%
\$1,000-\$1,500	15,504	17.6%	2.0%-3.0%	25,541	29.0%
\$1,500-\$2,000	12,500	14.2%	3.0%-4.0%	11,193	12.7%
\$2,000-\$2,500	8,797	10.0%	4.0%-5.0%	4,315	4.9%
\$2,500-\$3,000	6,145	7.0%	5.0%-6.0%	2,108	2.4%
\$3,000-\$3,500	3,946	4.5%	6.0%-7.0%	1,120	1.3%
\$3,500-\$4,000	2,662	3.0%	7.0%-8.0%	717	0.8%
\$4,000-\$4,500	1,902	2.2%	8.0%-9.0%	527	0.6%
More than \$4,500	5,922	6.7%	More than 9.0%	2,699	3.1%
<b>Total</b>	<b>87,987</b>	<b>100.0%</b>	<b>Total</b>	<b>87,987</b>	<b>100.0%</b>



## 2.5 Central

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	581	0.6%	0.15% or less	1,176	1.1%
\$50,000-\$100,000	3,081	2.9%	0.15%-0.30%	1,026	1.0%
\$100,000-\$150,000	11,956	11.3%	0.30%-0.45%	2,449	2.3%
\$150,000-\$200,000	20,841	19.8%	0.45%-0.60%	4,583	4.3%
\$200,000-\$250,000	24,575	23.3%	0.60%-0.75%	9,170	8.7%
\$250,000-\$300,000	17,763	16.9%	0.75%-0.90%	13,096	12.4%
\$300,000-\$350,000	11,613	11.0%	0.90%-1.05%	18,218	17.3%
\$350,000-\$400,000	7,080	6.7%	1.05%-1.20%	17,378	16.5%
\$400,000-\$450,000	3,521	3.3%	1.20%-1.35%	17,018	16.2%
More than \$450,000	4,349	4.1%	More than 1.35%	21,246	20.2%
<b>Total</b>	<b>105,360</b>	<b>100.0%</b>	<b>Total</b>	<b>105,360</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	6,675	6.3%	\$20,000 or less	3,761	3.6%
\$1-\$10,000	19,299	18.3%	\$20,000-\$40,000	9,838	9.3%
\$10,000-\$12,500	8,870	8.4%	\$40,000-\$60,000	14,621	13.9%
\$12,500-\$15,000	11,099	10.5%	\$60,000-\$80,000	16,121	15.3%
\$15,000-\$17,500	13,453	12.8%	\$80,000-\$100,000	14,951	14.2%
\$17,500-\$20,000	14,278	13.6%	\$100,000-\$120,000	13,458	12.8%
\$20,000-\$22,500	12,369	11.7%	\$120,000-\$140,000	10,113	9.6%
\$22,500-\$25,000	8,577	8.1%	\$140,000-\$160,000	6,509	6.2%
\$25,000-\$27,500	6,859	6.5%	\$160,000-\$180,000	4,309	4.1%
More than \$27,500	3,881	3.7%	More than \$180,000	11,679	11.1%
<b>Total</b>	<b>105,360</b>	<b>100.0%</b>	<b>Total</b>	<b>105,360</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	61,101	58.0%	1.0 or less	4,940	4.7%
\$1-\$200	3,092	2.9%	1.0-2.0	28,647	27.2%
\$200-\$400	4,475	4.2%	2.0-3.0	32,636	31.0%
\$400-\$600	5,623	5.3%	3.0-4.0	16,540	15.7%
\$600-\$800	5,934	5.6%	4.0-5.0	8,220	7.8%
\$800-\$1,000	5,429	5.2%	5.0-6.0	4,261	4.0%
\$1,000-\$1,200	4,870	4.6%	6.0-7.0	2,660	2.5%
\$1,200-\$1,400	4,447	4.2%	7.0-8.0	1,667	1.6%
\$1,400-\$1,600	3,248	3.1%	8.0-9.0	1,194	1.1%
More than \$1,600	7,141	6.8%	More than 9.0	4,595	4.4%
<b>Total</b>	<b>105,360</b>	<b>100.0%</b>	<b>Total</b>	<b>105,360</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	2,976	2.8%	1.0% or less	4,854	4.6%
\$500-\$1,000	6,494	6.2%	1.0%-2.0%	18,788	17.8%
\$1,000-\$1,500	13,589	12.9%	2.0%-3.0%	45,588	43.3%
\$1,500-\$2,000	17,285	16.4%	3.0%-4.0%	20,840	19.8%
\$2,000-\$2,500	16,520	15.7%	4.0%-5.0%	6,920	6.6%
\$2,500-\$3,000	13,805	13.1%	5.0%-6.0%	2,685	2.5%
\$3,000-\$3,500	9,937	9.4%	6.0%-7.0%	1,371	1.3%
\$3,500-\$4,000	7,140	6.8%	7.0%-8.0%	855	0.8%
\$4,000-\$4,500	5,275	5.0%	8.0%-9.0%	534	0.5%
More than \$4,500	12,339	11.7%	More than 9.0%	2,925	2.8%
<b>Total</b>	<b>105,360</b>	<b>100.0%</b>	<b>Total</b>	<b>105,360</b>	<b>100.0%</b>

## 2.6 East Central

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	669	1.6%	0.15% or less	617	1.5%
\$50,000-\$100,000	2,458	5.8%	0.15%-0.30%	497	1.2%
\$100,000-\$150,000	6,074	14.3%	0.30%-0.45%	1,197	2.8%
\$150,000-\$200,000	9,872	23.2%	0.45%-0.60%	1,606	3.8%
\$200,000-\$250,000	9,669	22.7%	0.60%-0.75%	3,674	8.6%
\$250,000-\$300,000	6,041	14.2%	0.75%-0.90%	5,325	12.5%
\$300,000-\$350,000	3,511	8.3%	0.90%-1.05%	6,010	14.1%
\$350,000-\$400,000	1,914	4.5%	1.05%-1.20%	7,528	17.7%
\$400,000-\$450,000	1,107	2.6%	1.20%-1.35%	6,062	14.3%
More than \$450,000	1,206	2.8%	More than 1.35%	10,005	23.5%
<b>Total</b>	<b>42,521</b>	<b>100.0%</b>	<b>Total</b>	<b>42,521</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	1,909	4.5%	\$20,000 or less	2,518	5.9%
\$1-\$10,000	5,703	13.4%	\$20,000-\$40,000	5,476	12.9%
\$10,000-\$12,500	3,034	7.1%	\$40,000-\$60,000	7,118	16.7%
\$12,500-\$15,000	3,900	9.2%	\$60,000-\$80,000	7,030	16.5%
\$15,000-\$17,500	5,232	12.3%	\$80,000-\$100,000	6,070	14.3%
\$17,500-\$20,000	6,245	14.7%	\$100,000-\$120,000	4,779	11.2%
\$20,000-\$22,500	5,808	13.7%	\$120,000-\$140,000	3,392	8.0%
\$22,500-\$25,000	4,830	11.4%	\$140,000-\$160,000	1,993	4.7%
\$25,000-\$27,500	3,414	8.0%	\$160,000-\$180,000	1,206	2.8%
More than \$27,500	2,446	5.8%	More than \$180,000	2,939	6.9%
<b>Total</b>	<b>42,521</b>	<b>100.0%</b>	<b>Total</b>	<b>42,521</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	23,527	55.3%	1.0 or less	1,849	4.3%
\$1-\$200	1,393	3.3%	1.0-2.0	10,516	24.7%
\$200-\$400	1,630	3.8%	2.0-3.0	12,483	29.4%
\$400-\$600	2,091	4.9%	3.0-4.0	6,861	16.1%
\$600-\$800	2,342	5.5%	4.0-5.0	3,660	8.6%
\$800-\$1,000	2,322	5.5%	5.0-6.0	2,091	4.9%
\$1,000-\$1,200	2,126	5.0%	6.0-7.0	1,266	3.0%
\$1,200-\$1,400	1,890	4.4%	7.0-8.0	891	2.1%
\$1,400-\$1,600	1,589	3.7%	8.0-9.0	572	1.3%
More than \$1,600	3,611	8.5%	More than 9.0	2,332	5.5%
<b>Total</b>	<b>42,521</b>	<b>100.0%</b>	<b>Total</b>	<b>42,521</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	2,142	5.0%	1.0% or less	2,037	4.8%
\$500-\$1,000	3,493	8.2%	1.0%-2.0%	6,531	15.4%
\$1,000-\$1,500	5,872	13.8%	2.0%-3.0%	16,684	39.2%
\$1,500-\$2,000	7,148	16.8%	3.0%-4.0%	8,805	20.7%
\$2,000-\$2,500	6,425	15.1%	4.0%-5.0%	3,418	8.0%
\$2,500-\$3,000	5,208	12.2%	5.0%-6.0%	1,557	3.7%
\$3,000-\$3,500	4,034	9.5%	6.0%-7.0%	832	2.0%
\$3,500-\$4,000	2,599	6.1%	7.0%-8.0%	558	1.3%
\$4,000-\$4,500	1,814	4.3%	8.0%-9.0%	355	0.8%
More than \$4,500	3,786	8.9%	More than 9.0%	1,744	4.1%
<b>Total</b>	<b>42,521</b>	<b>100.0%</b>	<b>Total</b>	<b>42,521</b>	<b>100.0%</b>

## 2.7 Minnesota Valley

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	2,864	7.1%	0.15% or less	629	1.6%
\$50,000-\$100,000	8,190	20.3%	0.15%-0.30%	422	1.0%
\$100,000-\$150,000	9,968	24.7%	0.30%-0.45%	900	2.2%
\$150,000-\$200,000	7,999	19.8%	0.45%-0.60%	1,764	4.4%
\$200,000-\$250,000	4,774	11.8%	0.60%-0.75%	3,369	8.3%
\$250,000-\$300,000	2,853	7.1%	0.75%-0.90%	5,109	12.6%
\$300,000-\$350,000	1,564	3.9%	0.90%-1.05%	6,509	16.1%
\$350,000-\$400,000	937	2.3%	1.05%-1.20%	6,852	17.0%
\$400,000-\$450,000	486	1.2%	1.20%-1.35%	4,707	11.7%
More than \$450,000	768	1.9%	More than 1.35%	10,142	25.1%
<b>Total</b>	<b>40,403</b>	<b>100.0%</b>	<b>Total</b>	<b>40,403</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	1,088	2.7%	\$20,000 or less	2,534	6.3%
\$1-\$10,000	3,313	8.2%	\$20,000-\$40,000	5,930	14.7%
\$10,000-\$12,500	1,749	4.3%	\$40,000-\$60,000	7,243	17.9%
\$12,500-\$15,000	2,306	5.7%	\$60,000-\$80,000	6,636	16.4%
\$15,000-\$17,500	2,988	7.4%	\$80,000-\$100,000	5,616	13.9%
\$17,500-\$20,000	3,907	9.7%	\$100,000-\$120,000	4,230	10.5%
\$20,000-\$22,500	5,026	12.4%	\$120,000-\$140,000	2,788	6.9%
\$22,500-\$25,000	6,283	15.6%	\$140,000-\$160,000	1,607	4.0%
\$25,000-\$27,500	6,479	16.0%	\$160,000-\$180,000	1,000	2.5%
More than \$27,500	7,264	18.0%	More than \$180,000	2,819	7.0%
<b>Total</b>	<b>40,403</b>	<b>100.0%</b>	<b>Total</b>	<b>40,403</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	26,494	65.6%	1.0 or less	5,961	14.8%
\$1-\$200	2,257	5.6%	1.0-2.0	14,779	36.6%
\$200-\$400	2,101	5.2%	2.0-3.0	9,451	23.4%
\$400-\$600	2,034	5.0%	3.0-4.0	4,221	10.4%
\$600-\$800	1,782	4.4%	4.0-5.0	2,130	5.3%
\$800-\$1,000	1,504	3.7%	5.0-6.0	1,152	2.9%
\$1,000-\$1,200	1,217	3.0%	6.0-7.0	717	1.8%
\$1,200-\$1,400	940	2.3%	7.0-8.0	454	1.1%
\$1,400-\$1,600	663	1.6%	8.0-9.0	290	0.7%
More than \$1,600	1,411	3.5%	More than 9.0	1,248	3.1%
<b>Total</b>	<b>40,403</b>	<b>100.0%</b>	<b>Total</b>	<b>40,403</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	3,964	9.8%	1.0% or less	5,342	13.2%
\$500-\$1,000	8,082	20.0%	1.0%-2.0%	12,428	30.8%
\$1,000-\$1,500	8,194	20.3%	2.0%-3.0%	13,540	33.5%
\$1,500-\$2,000	6,566	16.3%	3.0%-4.0%	4,894	12.1%
\$2,000-\$2,500	4,777	11.8%	4.0%-5.0%	1,701	4.2%
\$2,500-\$3,000	3,121	7.7%	5.0%-6.0%	721	1.8%
\$3,000-\$3,500	1,846	4.6%	6.0%-7.0%	407	1.0%
\$3,500-\$4,000	1,212	3.0%	7.0%-8.0%	267	0.7%
\$4,000-\$4,500	830	2.1%	8.0%-9.0%	149	0.4%
More than \$4,500	1,811	4.5%	More than 9.0%	954	2.4%
<b>Total</b>	<b>40,403</b>	<b>100.0%</b>	<b>Total</b>	<b>40,403</b>	<b>100.0%</b>

## 2.8 North Central

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	1,380	3.3%	0.15% or less	1,468	3.5%
\$50,000-\$100,000	5,768	13.8%	0.15%-0.30%	1,315	3.1%
\$100,000-\$150,000	8,771	20.9%	0.30%-0.45%	2,996	7.2%
\$150,000-\$200,000	8,486	20.3%	0.45%-0.60%	6,417	15.3%
\$200,000-\$250,000	6,037	14.4%	0.60%-0.75%	6,194	14.8%
\$250,000-\$300,000	3,907	9.3%	0.75%-0.90%	7,592	18.1%
\$300,000-\$350,000	2,450	5.8%	0.90%-1.05%	6,165	14.7%
\$350,000-\$400,000	1,610	3.8%	1.05%-1.20%	4,599	11.0%
\$400,000-\$450,000	951	2.3%	1.20%-1.35%	3,405	8.1%
More than \$450,000	2,524	6.0%	More than 1.35%	1,733	4.1%
<b>Total</b>	<b>41,884</b>	<b>100.0%</b>	<b>Total</b>	<b>41,884</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	3,170	7.6%	\$20,000 or less	3,665	8.8%
\$1-\$10,000	4,434	10.6%	\$20,000-\$40,000	7,255	17.3%
\$10,000-\$12,500	2,041	4.9%	\$40,000-\$60,000	7,728	18.5%
\$12,500-\$15,000	2,711	6.5%	\$60,000-\$80,000	6,747	16.1%
\$15,000-\$17,500	3,389	8.1%	\$80,000-\$100,000	5,220	12.5%
\$17,500-\$20,000	4,371	10.4%	\$100,000-\$120,000	3,805	9.1%
\$20,000-\$22,500	5,305	12.7%	\$120,000-\$140,000	2,398	5.7%
\$22,500-\$25,000	5,458	13.0%	\$140,000-\$160,000	1,407	3.4%
\$25,000-\$27,500	5,527	13.2%	\$160,000-\$180,000	883	2.1%
More than \$27,500	5,478	13.1%	More than \$180,000	2,776	6.6%
<b>Total</b>	<b>41,884</b>	<b>100.0%</b>	<b>Total</b>	<b>41,884</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	28,774	68.7%	1.0 or less	2,740	6.5%
\$1-\$200	1,789	4.3%	1.0-2.0	11,059	26.4%
\$200-\$400	2,023	4.8%	2.0-3.0	10,215	24.4%
\$400-\$600	2,117	5.1%	3.0-4.0	6,173	14.7%
\$600-\$800	1,779	4.2%	4.0-5.0	3,489	8.3%
\$800-\$1,000	1,483	3.5%	5.0-6.0	2,177	5.2%
\$1,000-\$1,200	1,145	2.7%	6.0-7.0	1,421	3.4%
\$1,200-\$1,400	840	2.0%	7.0-8.0	1,008	2.4%
\$1,400-\$1,600	606	1.4%	8.0-9.0	712	1.7%
More than \$1,600	1,328	3.2%	More than 9.0	2,890	6.9%
<b>Total</b>	<b>41,884</b>	<b>100.0%</b>	<b>Total</b>	<b>41,884</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	5,412	12.9%	1.0% or less	5,957	14.2%
\$500-\$1,000	8,428	20.1%	1.0%-2.0%	12,945	30.9%
\$1,000-\$1,500	8,935	21.3%	2.0%-3.0%	13,430	32.1%
\$1,500-\$2,000	6,925	16.5%	3.0%-4.0%	4,510	10.8%
\$2,000-\$2,500	4,657	11.1%	4.0%-5.0%	1,746	4.2%
\$2,500-\$3,000	2,752	6.6%	5.0%-6.0%	937	2.2%
\$3,000-\$3,500	1,583	3.8%	6.0%-7.0%	493	1.2%
\$3,500-\$4,000	902	2.2%	7.0%-8.0%	357	0.9%
\$4,000-\$4,500	626	1.5%	8.0%-9.0%	235	0.6%
More than \$4,500	1,664	4.0%	More than 9.0%	1,274	3.0%
<b>Total</b>	<b>41,884</b>	<b>100.0%</b>	<b>Total</b>	<b>41,884</b>	<b>100.0%</b>

## 2.9 Northwest/Headwaters

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	2,951	8.1%	0.15% or less	837	2.3%
\$50,000-\$100,000	7,409	20.4%	0.15%-0.30%	485	1.3%
\$100,000-\$150,000	8,922	24.5%	0.30%-0.45%	969	2.7%
\$150,000-\$200,000	7,105	19.5%	0.45%-0.60%	1,965	5.4%
\$200,000-\$250,000	4,414	12.1%	0.60%-0.75%	4,414	12.1%
\$250,000-\$300,000	2,364	6.5%	0.75%-0.90%	6,834	18.8%
\$300,000-\$350,000	1,323	3.6%	0.90%-1.05%	6,093	16.7%
\$350,000-\$400,000	783	2.2%	1.05%-1.20%	5,664	15.6%
\$400,000-\$450,000	458	1.3%	1.20%-1.35%	3,720	10.2%
More than \$450,000	672	1.8%	More than 1.35%	5,420	14.9%
<b>Total</b>	<b>36,401</b>	<b>100.0%</b>	<b>Total</b>	<b>36,401</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	959	2.6%	\$20,000 or less	2,906	8.0%
\$1-\$10,000	2,884	7.9%	\$20,000-\$40,000	5,498	15.1%
\$10,000-\$12,500	1,573	4.3%	\$40,000-\$60,000	6,543	18.0%
\$12,500-\$15,000	2,015	5.5%	\$60,000-\$80,000	5,844	16.1%
\$15,000-\$17,500	2,813	7.7%	\$80,000-\$100,000	4,706	12.9%
\$17,500-\$20,000	3,778	10.4%	\$100,000-\$120,000	3,860	10.6%
\$20,000-\$22,500	4,596	12.6%	\$120,000-\$140,000	2,392	6.6%
\$22,500-\$25,000	5,350	14.7%	\$140,000-\$160,000	1,425	3.9%
\$25,000-\$27,500	5,921	16.3%	\$160,000-\$180,000	848	2.3%
More than \$27,500	6,512	17.9%	More than \$180,000	2,379	6.5%
<b>Total</b>	<b>36,401</b>	<b>100.0%</b>	<b>Total</b>	<b>36,401</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	27,776	76.3%	1.0 or less	5,400	14.8%
\$1-\$200	1,239	3.4%	1.0-2.0	12,891	35.4%
\$200-\$400	1,433	3.9%	2.0-3.0	8,142	22.4%
\$400-\$600	1,433	3.9%	3.0-4.0	3,796	10.4%
\$600-\$800	1,186	3.3%	4.0-5.0	2,085	5.7%
\$800-\$1,000	956	2.6%	5.0-6.0	1,137	3.1%
\$1,000-\$1,200	718	2.0%	6.0-7.0	726	2.0%
\$1,200-\$1,400	527	1.4%	7.0-8.0	479	1.3%
\$1,400-\$1,600	354	1.0%	8.0-9.0	323	0.9%
More than \$1,600	779	2.1%	More than 9.0	1,422	3.9%
<b>Total</b>	<b>36,401</b>	<b>100.0%</b>	<b>Total</b>	<b>36,401</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	5,213	14.3%	1.0% or less	6,405	17.6%
\$500-\$1,000	7,786	21.4%	1.0%-2.0%	11,931	32.8%
\$1,000-\$1,500	7,204	19.8%	2.0%-3.0%	10,533	28.9%
\$1,500-\$2,000	5,812	16.0%	3.0%-4.0%	3,699	10.2%
\$2,000-\$2,500	3,930	10.8%	4.0%-5.0%	1,348	3.7%
\$2,500-\$3,000	2,375	6.5%	5.0%-6.0%	660	1.8%
\$3,000-\$3,500	1,420	3.9%	6.0%-7.0%	403	1.1%
\$3,500-\$4,000	973	2.7%	7.0%-8.0%	257	0.7%
\$4,000-\$4,500	539	1.5%	8.0%-9.0%	170	0.5%
More than \$4,500	1,149	3.2%	More than 9.0%	995	2.7%
<b>Total</b>	<b>36,401</b>	<b>100.0%</b>	<b>Total</b>	<b>36,401</b>	<b>100.0%</b>

## 2.10 South Central

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	2,672	4.9%	0.15% or less	715	1.3%
\$50,000-\$100,000	7,834	14.3%	0.15%-0.30%	509	0.9%
\$100,000-\$150,000	12,635	23.0%	0.30%-0.45%	1,128	2.1%
\$150,000-\$200,000	11,471	20.9%	0.45%-0.60%	2,139	3.9%
\$200,000-\$250,000	7,932	14.5%	0.60%-0.75%	4,275	7.8%
\$250,000-\$300,000	5,006	9.1%	0.75%-0.90%	6,729	12.3%
\$300,000-\$350,000	3,141	5.7%	0.90%-1.05%	8,176	14.9%
\$350,000-\$400,000	1,760	3.2%	1.05%-1.20%	9,670	17.6%
\$400,000-\$450,000	980	1.8%	1.20%-1.35%	7,655	14.0%
More than \$450,000	1,431	2.6%	More than 1.35%	13,866	25.3%
<b>Total</b>	<b>54,862</b>	<b>100.0%</b>	<b>Total</b>	<b>54,862</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	2,092	3.8%	\$20,000 or less	3,058	5.6%
\$1-\$10,000	5,633	10.3%	\$20,000-\$40,000	7,322	13.3%
\$10,000-\$12,500	2,855	5.2%	\$40,000-\$60,000	9,789	17.8%
\$12,500-\$15,000	3,655	6.7%	\$60,000-\$80,000	9,006	16.4%
\$15,000-\$17,500	4,572	8.3%	\$80,000-\$100,000	7,582	13.8%
\$17,500-\$20,000	5,713	10.4%	\$100,000-\$120,000	6,151	11.2%
\$20,000-\$22,500	6,950	12.7%	\$120,000-\$140,000	4,086	7.4%
\$22,500-\$25,000	8,211	15.0%	\$140,000-\$160,000	2,369	4.3%
\$25,000-\$27,500	7,934	14.5%	\$160,000-\$180,000	1,455	2.7%
More than \$27,500	7,247	13.2%	More than \$180,000	4,044	7.4%
<b>Total</b>	<b>54,862</b>	<b>100.0%</b>	<b>Total</b>	<b>54,862</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	34,050	62.1%	1.0 or less	5,882	10.7%
\$1-\$200	2,488	4.5%	1.0-2.0	18,590	33.9%
\$200-\$400	2,835	5.2%	2.0-3.0	14,183	25.9%
\$400-\$600	3,110	5.7%	3.0-4.0	6,940	12.6%
\$600-\$800	2,895	5.3%	4.0-5.0	3,351	6.1%
\$800-\$1,000	2,489	4.5%	5.0-6.0	1,788	3.3%
\$1,000-\$1,200	1,981	3.6%	6.0-7.0	1,069	1.9%
\$1,200-\$1,400	1,572	2.9%	7.0-8.0	682	1.2%
\$1,400-\$1,600	1,076	2.0%	8.0-9.0	473	0.9%
More than \$1,600	2,366	4.3%	More than 9.0	1,904	3.5%
<b>Total</b>	<b>54,862</b>	<b>100.0%</b>	<b>Total</b>	<b>54,862</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	3,627	6.6%	1.0% or less	4,697	8.6%
\$500-\$1,000	8,311	15.1%	1.0%-2.0%	14,144	25.8%
\$1,000-\$1,500	10,390	18.9%	2.0%-3.0%	21,245	38.7%
\$1,500-\$2,000	9,691	17.7%	3.0%-4.0%	8,028	14.6%
\$2,000-\$2,500	7,537	13.7%	4.0%-5.0%	2,831	5.2%
\$2,500-\$3,000	5,092	9.3%	5.0%-6.0%	1,228	2.2%
\$3,000-\$3,500	3,192	5.8%	6.0%-7.0%	647	1.2%
\$3,500-\$4,000	2,094	3.8%	7.0%-8.0%	345	0.6%
\$4,000-\$4,500	1,431	2.6%	8.0%-9.0%	274	0.5%
More than \$4,500	3,497	6.4%	More than 9.0%	1,423	2.6%
<b>Total</b>	<b>54,862</b>	<b>100.0%</b>	<b>Total</b>	<b>54,862</b>	<b>100.0%</b>

## 2.11 Southeast

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	1,820	1.5%	0.15% or less	1,203	1.0%
\$50,000-\$100,000	11,222	9.2%	0.15%-0.30%	1,137	0.9%
\$100,000-\$150,000	21,860	17.8%	0.30%-0.45%	2,720	2.2%
\$150,000-\$200,000	29,124	23.8%	0.45%-0.60%	4,555	3.7%
\$200,000-\$250,000	21,580	17.6%	0.60%-0.75%	8,950	7.3%
\$250,000-\$300,000	13,491	11.0%	0.75%-0.90%	15,993	13.0%
\$300,000-\$350,000	9,224	7.5%	0.90%-1.05%	19,590	16.0%
\$350,000-\$400,000	5,545	4.5%	1.05%-1.20%	19,809	16.2%
\$400,000-\$450,000	3,491	2.8%	1.20%-1.35%	20,930	17.1%
More than \$450,000	5,247	4.3%	More than 1.35%	27,717	22.6%
<b>Total</b>	<b>122,604</b>	<b>100.0%</b>	<b>Total</b>	<b>122,604</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	7,600	6.2%	\$20,000 or less	5,684	4.6%
\$1-\$10,000	15,576	12.7%	\$20,000-\$40,000	14,520	11.8%
\$10,000-\$12,500	6,872	5.6%	\$40,000-\$60,000	19,783	16.1%
\$12,500-\$15,000	8,715	7.1%	\$60,000-\$80,000	18,588	15.2%
\$15,000-\$17,500	11,658	9.5%	\$80,000-\$100,000	16,337	13.3%
\$17,500-\$20,000	14,540	11.9%	\$100,000-\$120,000	13,956	11.4%
\$20,000-\$22,500	17,565	14.3%	\$120,000-\$140,000	10,183	8.3%
\$22,500-\$25,000	15,920	13.0%	\$140,000-\$160,000	6,283	5.1%
\$25,000-\$27,500	12,737	10.4%	\$160,000-\$180,000	4,282	3.5%
More than \$27,500	11,421	9.3%	More than \$180,000	12,988	10.6%
<b>Total</b>	<b>122,604</b>	<b>100.0%</b>	<b>Total</b>	<b>122,604</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	76,741	62.6%	1.0 or less	8,558	7.0%
\$1-\$200	4,305	3.5%	1.0-2.0	39,020	31.8%
\$200-\$400	5,571	4.5%	2.0-3.0	35,043	28.6%
\$400-\$600	6,298	5.1%	3.0-4.0	17,011	13.9%
\$600-\$800	6,189	5.0%	4.0-5.0	8,441	6.9%
\$800-\$1,000	5,737	4.7%	5.0-6.0	4,601	3.8%
\$1,000-\$1,200	4,725	3.9%	6.0-7.0	2,634	2.1%
\$1,200-\$1,400	3,957	3.2%	7.0-8.0	1,705	1.4%
\$1,400-\$1,600	2,873	2.3%	8.0-9.0	1,154	0.9%
More than \$1,600	6,208	5.1%	More than 9.0	4,437	3.6%
<b>Total</b>	<b>122,604</b>	<b>100.0%</b>	<b>Total</b>	<b>122,604</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	4,917	4.0%	1.0% or less	7,269	5.9%
\$500-\$1,000	13,854	11.3%	1.0%-2.0%	28,282	23.1%
\$1,000-\$1,500	20,090	16.4%	2.0%-3.0%	48,256	39.4%
\$1,500-\$2,000	20,356	16.6%	3.0%-4.0%	21,352	17.4%
\$2,000-\$2,500	17,321	14.1%	4.0%-5.0%	7,537	6.1%
\$2,500-\$3,000	12,806	10.4%	5.0%-6.0%	3,227	2.6%
\$3,000-\$3,500	8,699	7.1%	6.0%-7.0%	1,671	1.4%
\$3,500-\$4,000	6,227	5.1%	7.0%-8.0%	989	0.8%
\$4,000-\$4,500	5,078	4.1%	8.0%-9.0%	673	0.5%
More than \$4,500	13,256	10.8%	More than 9.0%	3,348	2.7%
<b>Total</b>	<b>122,604</b>	<b>100.0%</b>	<b>Total</b>	<b>122,604</b>	<b>100.0%</b>

## 2.12 Southwest

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	3,280	12.6%	0.15% or less	350	1.3%
\$50,000-\$100,000	7,465	28.7%	0.15%-0.30%	250	1.0%
\$100,000-\$150,000	6,404	24.7%	0.30%-0.45%	512	2.0%
\$150,000-\$200,000	4,307	16.6%	0.45%-0.60%	1,406	5.4%
\$200,000-\$250,000	2,163	8.3%	0.60%-0.75%	2,710	10.4%
\$250,000-\$300,000	1,114	4.3%	0.75%-0.90%	3,079	11.9%
\$300,000-\$350,000	608	2.3%	0.90%-1.05%	4,136	15.9%
\$350,000-\$400,000	313	1.2%	1.05%-1.20%	4,474	17.2%
\$400,000-\$450,000	162	0.6%	1.20%-1.35%	3,744	14.4%
More than \$450,000	157	0.6%	More than 1.35%	5,312	20.5%
<b>Total</b>	<b>25,973</b>	<b>100.0%</b>	<b>Total</b>	<b>25,973</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	264	1.0%	\$20,000 or less	2,149	8.3%
\$1-\$10,000	1,683	6.5%	\$20,000-\$40,000	4,180	16.1%
\$10,000-\$12,500	1,046	4.0%	\$40,000-\$60,000	4,872	18.8%
\$12,500-\$15,000	1,330	5.1%	\$60,000-\$80,000	4,188	16.1%
\$15,000-\$17,500	1,751	6.7%	\$80,000-\$100,000	3,327	12.8%
\$17,500-\$20,000	2,285	8.8%	\$100,000-\$120,000	2,563	9.9%
\$20,000-\$22,500	3,147	12.1%	\$120,000-\$140,000	1,631	6.3%
\$22,500-\$25,000	3,953	15.2%	\$140,000-\$160,000	888	3.4%
\$25,000-\$27,500	4,465	17.2%	\$160,000-\$180,000	545	2.1%
More than \$27,500	6,049	23.3%	More than \$180,000	1,630	6.3%
<b>Total</b>	<b>25,973</b>	<b>100.0%</b>	<b>Total</b>	<b>25,973</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	19,650	75.7%	1.0 or less	5,546	21.4%
\$1-\$200	1,483	5.7%	1.0-2.0	10,292	39.6%
\$200-\$400	1,318	5.1%	2.0-3.0	5,031	19.4%
\$400-\$600	1,072	4.1%	3.0-4.0	2,158	8.3%
\$600-\$800	750	2.9%	4.0-5.0	1,034	4.0%
\$800-\$1,000	597	2.3%	5.0-6.0	562	2.2%
\$1,000-\$1,200	376	1.4%	6.0-7.0	320	1.2%
\$1,200-\$1,400	270	1.0%	7.0-8.0	227	0.9%
\$1,400-\$1,600	165	0.6%	8.0-9.0	148	0.6%
More than \$1,600	292	1.1%	More than 9.0	655	2.5%
<b>Total</b>	<b>25,973</b>	<b>100.0%</b>	<b>Total</b>	<b>25,973</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	3,966	15.3%	1.0% or less	5,115	19.7%
\$500-\$1,000	7,310	28.1%	1.0%-2.0%	10,041	38.7%
\$1,000-\$1,500	5,548	21.4%	2.0%-3.0%	6,817	26.2%
\$1,500-\$2,000	3,704	14.3%	3.0%-4.0%	1,916	7.4%
\$2,000-\$2,500	2,154	8.3%	4.0%-5.0%	734	2.8%
\$2,500-\$3,000	1,323	5.1%	5.0%-6.0%	374	1.4%
\$3,000-\$3,500	720	2.8%	6.0%-7.0%	211	0.8%
\$3,500-\$4,000	457	1.8%	7.0%-8.0%	144	0.6%
\$4,000-\$4,500	303	1.2%	8.0%-9.0%	93	0.4%
More than \$4,500	488	1.9%	More than 9.0%	528	2.0%
<b>Total</b>	<b>25,973</b>	<b>100.0%</b>	<b>Total</b>	<b>25,973</b>	<b>100.0%</b>



## 2.13 West Central

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	1,898	3.4%	0.15% or less	875	1.6%
\$50,000-\$100,000	6,639	11.9%	0.15%-0.30%	999	1.8%
\$100,000-\$150,000	10,472	18.8%	0.30%-0.45%	2,021	3.6%
\$150,000-\$200,000	11,430	20.5%	0.45%-0.60%	4,230	7.6%
\$200,000-\$250,000	8,590	15.4%	0.60%-0.75%	8,088	14.5%
\$250,000-\$300,000	5,853	10.5%	0.75%-0.90%	11,441	20.5%
\$300,000-\$350,000	3,724	6.7%	0.90%-1.05%	10,060	18.0%
\$350,000-\$400,000	2,487	4.5%	1.05%-1.20%	6,677	12.0%
\$400,000-\$450,000	1,555	2.8%	1.20%-1.35%	4,339	7.8%
More than \$450,000	3,158	5.7%	More than 1.35%	7,076	12.7%
<b>Total</b>	<b>55,806</b>	<b>100.0%</b>	<b>Total</b>	<b>55,806</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	4,201	7.5%	\$20,000 or less	3,455	6.2%
\$1-\$10,000	6,925	12.4%	\$20,000-\$40,000	7,473	13.4%
\$10,000-\$12,500	3,160	5.7%	\$40,000-\$60,000	9,300	16.7%
\$12,500-\$15,000	3,939	7.1%	\$60,000-\$80,000	8,944	16.0%
\$15,000-\$17,500	4,918	8.8%	\$80,000-\$100,000	7,719	13.8%
\$17,500-\$20,000	5,906	10.6%	\$100,000-\$120,000	6,090	10.9%
\$20,000-\$22,500	6,946	12.4%	\$120,000-\$140,000	4,014	7.2%
\$22,500-\$25,000	6,893	12.4%	\$140,000-\$160,000	2,435	4.4%
\$25,000-\$27,500	6,552	11.7%	\$160,000-\$180,000	1,620	2.9%
More than \$27,500	6,366	11.4%	More than \$180,000	4,756	8.5%
<b>Total</b>	<b>55,806</b>	<b>100.0%</b>	<b>Total</b>	<b>55,806</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	38,035	68.2%	1.0 or less	4,627	8.3%
\$1-\$200	2,044	3.7%	1.0-2.0	16,359	29.3%
\$200-\$400	2,475	4.4%	2.0-3.0	14,556	26.1%
\$400-\$600	2,675	4.8%	3.0-4.0	7,587	13.6%
\$600-\$800	2,513	4.5%	4.0-5.0	4,131	7.4%
\$800-\$1,000	2,009	3.6%	5.0-6.0	2,365	4.2%
\$1,000-\$1,200	1,666	3.0%	6.0-7.0	1,540	2.8%
\$1,200-\$1,400	1,330	2.4%	7.0-8.0	1,016	1.8%
\$1,400-\$1,600	942	1.7%	8.0-9.0	694	1.2%
More than \$1,600	2,117	3.8%	More than 9.0	2,931	5.3%
<b>Total</b>	<b>55,806</b>	<b>100.0%</b>	<b>Total</b>	<b>55,806</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	4,649	8.3%	1.0% or less	6,091	10.9%
\$500-\$1,000	8,997	16.1%	1.0%-2.0%	16,354	29.3%
\$1,000-\$1,500	10,729	19.2%	2.0%-3.0%	19,262	34.5%
\$1,500-\$2,000	9,217	16.5%	3.0%-4.0%	7,371	13.2%
\$2,000-\$2,500	7,276	13.0%	4.0%-5.0%	2,608	4.7%
\$2,500-\$3,000	4,916	8.8%	5.0%-6.0%	1,176	2.1%
\$3,000-\$3,500	3,082	5.5%	6.0%-7.0%	647	1.2%
\$3,500-\$4,000	2,121	3.8%	7.0%-8.0%	416	0.7%
\$4,000-\$4,500	1,466	2.6%	8.0%-9.0%	279	0.5%
More than \$4,500	3,353	6.0%	More than 9.0%	1,602	2.9%
<b>Total</b>	<b>55,806</b>	<b>100.0%</b>	<b>Total</b>	<b>55,806</b>	<b>100.0%</b>

## 2.14 Anoka

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	8	0.0%	0.15% or less	663	0.7%
\$50,000-\$100,000	225	0.2%	0.15%-0.30%	1,262	1.4%
\$100,000-\$150,000	2,111	2.3%	0.30%-0.45%	2,523	2.8%
\$150,000-\$200,000	10,531	11.7%	0.45%-0.60%	5,877	6.5%
\$200,000-\$250,000	28,214	31.3%	0.60%-0.75%	11,453	12.7%
\$250,000-\$300,000	19,903	22.1%	0.75%-0.90%	11,964	13.3%
\$300,000-\$350,000	11,866	13.2%	0.90%-1.05%	17,627	19.6%
\$350,000-\$400,000	7,605	8.4%	1.05%-1.20%	26,573	29.5%
\$400,000-\$450,000	4,397	4.9%	1.20%-1.35%	8,056	8.9%
More than \$450,000	5,256	5.8%	More than 1.35%	4,118	4.6%
<b>Total</b>	<b>90,116</b>	<b>100.0%</b>	<b>Total</b>	<b>90,116</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	8,134	9.0%	\$20,000 or less	2,963	3.3%
\$1-\$10,000	20,261	22.5%	\$20,000-\$40,000	7,992	8.9%
\$10,000-\$12,500	9,043	10.0%	\$40,000-\$60,000	12,522	13.9%
\$12,500-\$15,000	13,133	14.6%	\$60,000-\$80,000	13,527	15.0%
\$15,000-\$17,500	17,218	19.1%	\$80,000-\$100,000	12,439	13.8%
\$17,500-\$20,000	12,515	13.9%	\$100,000-\$120,000	11,269	12.5%
\$20,000-\$22,500	6,157	6.8%	\$120,000-\$140,000	8,600	9.5%
\$22,500-\$25,000	2,572	2.9%	\$140,000-\$160,000	5,733	6.4%
\$25,000-\$27,500	831	0.9%	\$160,000-\$180,000	3,968	4.4%
More than \$27,500	252	0.3%	More than \$180,000	11,103	12.3%
<b>Total</b>	<b>90,116</b>	<b>100.0%</b>	<b>Total</b>	<b>90,116</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	51,799	57.5%	1.0 or less	2,229	2.5%
\$1-\$200	2,150	2.4%	1.0-2.0	18,076	20.1%
\$200-\$400	3,296	3.7%	2.0-3.0	28,291	31.4%
\$400-\$600	4,652	5.2%	3.0-4.0	16,852	18.7%
\$600-\$800	5,416	6.0%	4.0-5.0	8,906	9.9%
\$800-\$1,000	5,413	6.0%	5.0-6.0	4,738	5.3%
\$1,000-\$1,200	4,875	5.4%	6.0-7.0	2,861	3.2%
\$1,200-\$1,400	3,977	4.4%	7.0-8.0	1,867	2.1%
\$1,400-\$1,600	2,882	3.2%	8.0-9.0	1,246	1.4%
More than \$1,600	5,656	6.3%	More than 9.0	5,050	5.6%
<b>Total</b>	<b>90,116</b>	<b>100.0%</b>	<b>Total</b>	<b>90,116</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	1,201	1.3%	1.0% or less	2,559	2.8%
\$500-\$1,000	3,488	3.9%	1.0%-2.0%	15,104	16.8%
\$1,000-\$1,500	9,471	10.5%	2.0%-3.0%	41,818	46.4%
\$1,500-\$2,000	14,757	16.4%	3.0%-4.0%	17,661	19.6%
\$2,000-\$2,500	17,163	19.0%	4.0%-5.0%	5,498	6.1%
\$2,500-\$3,000	14,814	16.4%	5.0%-6.0%	2,201	2.4%
\$3,000-\$3,500	9,680	10.7%	6.0%-7.0%	1,210	1.3%
\$3,500-\$4,000	6,623	7.3%	7.0%-8.0%	730	0.8%
\$4,000-\$4,500	4,403	4.9%	8.0%-9.0%	481	0.5%
More than \$4,500	8,516	9.5%	More than 9.0%	2,854	3.2%
<b>Total</b>	<b>90,116</b>	<b>100.0%</b>	<b>Total</b>	<b>90,116</b>	<b>100.0%</b>

## 2.15 Carver/Scott

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	71	0.1%	0.15% or less	235	0.4%
\$50,000-\$100,000	333	0.5%	0.15%-0.30%	489	0.8%
\$100,000-\$150,000	1,429	2.2%	0.30%-0.45%	1,096	1.7%
\$150,000-\$200,000	6,089	9.6%	0.45%-0.60%	2,839	4.5%
\$200,000-\$250,000	9,472	14.9%	0.60%-0.75%	5,859	9.2%
\$250,000-\$300,000	10,880	17.1%	0.75%-0.90%	6,849	10.8%
\$300,000-\$350,000	9,371	14.7%	0.90%-1.05%	8,123	12.8%
\$350,000-\$400,000	7,664	12.0%	1.05%-1.20%	20,445	32.1%
\$400,000-\$450,000	5,547	8.7%	1.20%-1.35%	12,778	20.1%
More than \$450,000	12,773	20.1%	More than 1.35%	4,916	7.7%
<b>Total</b>	<b>63,629</b>	<b>100.0%</b>	<b>Total</b>	<b>63,629</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	16,694	26.2%	\$20,000 or less	1,503	2.4%
\$1-\$10,000	18,150	28.5%	\$20,000-\$40,000	3,554	5.6%
\$10,000-\$12,500	5,687	8.9%	\$40,000-\$60,000	6,075	9.5%
\$12,500-\$15,000	6,368	10.0%	\$60,000-\$80,000	7,097	11.2%
\$15,000-\$17,500	5,617	8.8%	\$80,000-\$100,000	7,268	11.4%
\$17,500-\$20,000	4,686	7.4%	\$100,000-\$120,000	7,349	11.5%
\$20,000-\$22,500	3,637	5.7%	\$120,000-\$140,000	6,530	10.3%
\$22,500-\$25,000	1,703	2.7%	\$140,000-\$160,000	4,656	7.3%
\$25,000-\$27,500	673	1.1%	\$160,000-\$180,000	3,775	5.9%
More than \$27,500	414	0.7%	More than \$180,000	15,822	24.9%
<b>Total</b>	<b>63,629</b>	<b>100.0%</b>	<b>Total</b>	<b>63,629</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	41,612	65.4%	1.0 or less	2,784	4.4%
\$1-\$200	1,039	1.6%	1.0-2.0	15,004	23.6%
\$200-\$400	1,460	2.3%	2.0-3.0	19,901	31.3%
\$400-\$600	2,422	3.8%	3.0-4.0	10,830	17.0%
\$600-\$800	2,699	4.2%	4.0-5.0	5,418	8.5%
\$800-\$1,000	2,568	4.0%	5.0-6.0	2,819	4.4%
\$1,000-\$1,200	2,552	4.0%	6.0-7.0	1,770	2.8%
\$1,200-\$1,400	2,382	3.7%	7.0-8.0	1,090	1.7%
\$1,400-\$1,600	1,999	3.1%	8.0-9.0	753	1.2%
More than \$1,600	4,896	7.7%	More than 9.0	3,260	5.1%
<b>Total</b>	<b>63,629</b>	<b>100.0%</b>	<b>Total</b>	<b>63,629</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	539	0.8%	1.0% or less	2,294	3.6%
\$500-\$1,000	1,477	2.3%	1.0%-2.0%	10,212	16.0%
\$1,000-\$1,500	3,948	6.2%	2.0%-3.0%	25,998	40.9%
\$1,500-\$2,000	6,810	10.7%	3.0%-4.0%	13,955	21.9%
\$2,000-\$2,500	7,612	12.0%	4.0%-5.0%	5,028	7.9%
\$2,500-\$3,000	7,245	11.4%	5.0%-6.0%	1,979	3.1%
\$3,000-\$3,500	6,518	10.2%	6.0%-7.0%	987	1.6%
\$3,500-\$4,000	5,592	8.8%	7.0%-8.0%	578	0.9%
\$4,000-\$4,500	5,202	8.2%	8.0%-9.0%	385	0.6%
More than \$4,500	18,686	29.4%	More than 9.0%	2,213	3.5%
<b>Total</b>	<b>63,629</b>	<b>100.0%</b>	<b>Total</b>	<b>63,629</b>	<b>100.0%</b>

## 2.16 Dakota

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	0	0.0%	0.15% or less	541	0.5%
\$50,000-\$100,000	655	0.6%	0.15%-0.30%	1,023	1.0%
\$100,000-\$150,000	2,786	2.6%	0.30%-0.45%	2,146	2.0%
\$150,000-\$200,000	12,234	11.5%	0.45%-0.60%	5,756	5.4%
\$200,000-\$250,000	17,420	16.4%	0.60%-0.75%	12,198	11.5%
\$250,000-\$300,000	21,431	20.1%	0.75%-0.90%	13,189	12.4%
\$300,000-\$350,000	17,303	16.3%	0.90%-1.05%	14,301	13.4%
\$350,000-\$400,000	12,681	11.9%	1.05%-1.20%	38,419	36.1%
\$400,000-\$450,000	8,800	8.3%	1.20%-1.35%	15,019	14.1%
More than \$450,000	13,151	12.4%	More than 1.35%	3,869	3.6%
<b>Total</b>	<b>106,461</b>	<b>100.0%</b>	<b>Total</b>	<b>106,461</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	19,246	18.1%	\$20,000 or less	2,946	2.8%
\$1-\$10,000	31,640	29.7%	\$20,000-\$40,000	7,801	7.3%
\$10,000-\$12,500	11,852	11.1%	\$40,000-\$60,000	12,454	11.7%
\$12,500-\$15,000	11,760	11.0%	\$60,000-\$80,000	13,720	12.9%
\$15,000-\$17,500	10,286	9.7%	\$80,000-\$100,000	13,196	12.4%
\$17,500-\$20,000	9,268	8.7%	\$100,000-\$120,000	12,658	11.9%
\$20,000-\$22,500	7,037	6.6%	\$120,000-\$140,000	10,253	9.6%
\$22,500-\$25,000	3,013	2.8%	\$140,000-\$160,000	7,445	7.0%
\$25,000-\$27,500	1,567	1.5%	\$160,000-\$180,000	5,664	5.3%
More than \$27,500	792	0.7%	More than \$180,000	20,324	19.1%
<b>Total</b>	<b>106,461</b>	<b>100.0%</b>	<b>Total</b>	<b>106,461</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	65,404	61.4%	1.0 or less	3,481	3.3%
\$1-\$200	1,948	1.8%	1.0-2.0	22,635	21.3%
\$200-\$400	3,194	3.0%	2.0-3.0	33,525	31.5%
\$400-\$600	4,554	4.3%	3.0-4.0	19,380	18.2%
\$600-\$800	5,097	4.8%	4.0-5.0	10,029	9.4%
\$800-\$1,000	5,144	4.8%	5.0-6.0	5,226	4.9%
\$1,000-\$1,200	5,001	4.7%	6.0-7.0	3,213	3.0%
\$1,200-\$1,400	4,563	4.3%	7.0-8.0	2,012	1.9%
\$1,400-\$1,600	3,588	3.4%	8.0-9.0	1,359	1.3%
More than \$1,600	7,968	7.5%	More than 9.0	5,601	5.3%
<b>Total</b>	<b>106,461</b>	<b>100.0%</b>	<b>Total</b>	<b>106,461</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	1,114	1.0%	1.0% or less	3,318	3.1%
\$500-\$1,000	3,500	3.3%	1.0%-2.0%	16,982	16.0%
\$1,000-\$1,500	8,649	8.1%	2.0%-3.0%	45,866	43.1%
\$1,500-\$2,000	13,860	13.0%	3.0%-4.0%	23,289	21.9%
\$2,000-\$2,500	14,342	13.5%	4.0%-5.0%	7,611	7.1%
\$2,500-\$3,000	13,810	13.0%	5.0%-6.0%	3,014	2.8%
\$3,000-\$3,500	12,285	11.5%	6.0%-7.0%	1,499	1.4%
\$3,500-\$4,000	9,220	8.7%	7.0%-8.0%	822	0.8%
\$4,000-\$4,500	7,843	7.4%	8.0%-9.0%	656	0.6%
More than \$4,500	21,838	20.5%	More than 9.0%	3,404	3.2%
<b>Total</b>	<b>106,461</b>	<b>100.0%</b>	<b>Total</b>	<b>106,461</b>	<b>100.0%</b>

## 2.17 Minneapolis

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	23	0.0%	0.15% or less	200	0.3%
\$50,000-\$100,000	909	1.4%	0.15%-0.30%	824	1.2%
\$100,000-\$150,000	3,690	5.5%	0.30%-0.45%	1,710	2.6%
\$150,000-\$200,000	8,495	12.7%	0.45%-0.60%	2,483	3.7%
\$200,000-\$250,000	11,647	17.4%	0.60%-0.75%	6,702	10.0%
\$250,000-\$300,000	12,060	18.1%	0.75%-0.90%	6,816	10.2%
\$300,000-\$350,000	8,423	12.6%	0.90%-1.05%	6,066	9.1%
\$350,000-\$400,000	5,851	8.8%	1.05%-1.20%	7,271	10.9%
\$400,000-\$450,000	4,070	6.1%	1.20%-1.35%	27,636	41.4%
More than \$450,000	11,594	17.4%	More than 1.35%	7,054	10.6%
<b>Total</b>	<b>66,762</b>	<b>100.0%</b>	<b>Total</b>	<b>66,762</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	14,442	21.6%	\$20,000 or less	3,902	5.8%
\$1-\$10,000	14,953	22.4%	\$20,000-\$40,000	7,271	10.9%
\$10,000-\$12,500	6,328	9.5%	\$40,000-\$60,000	8,848	13.3%
\$12,500-\$15,000	7,064	10.6%	\$60,000-\$80,000	8,475	12.7%
\$15,000-\$17,500	6,742	10.1%	\$80,000-\$100,000	7,464	11.2%
\$17,500-\$20,000	5,868	8.8%	\$100,000-\$120,000	6,369	9.5%
\$20,000-\$22,500	5,024	7.5%	\$120,000-\$140,000	4,993	7.5%
\$22,500-\$25,000	3,267	4.9%	\$140,000-\$160,000	3,582	5.4%
\$25,000-\$27,500	1,894	2.8%	\$160,000-\$180,000	2,790	4.2%
More than \$27,500	1,180	1.8%	More than \$180,000	13,068	19.6%
<b>Total</b>	<b>66,762</b>	<b>100.0%</b>	<b>Total</b>	<b>66,762</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	39,214	58.7%	1.0 or less	2,475	3.7%
\$1-\$200	1,019	1.5%	1.0-2.0	13,655	20.5%
\$200-\$400	1,596	2.4%	2.0-3.0	17,157	25.7%
\$400-\$600	2,379	3.6%	3.0-4.0	10,861	16.3%
\$600-\$800	2,829	4.2%	4.0-5.0	6,361	9.5%
\$800-\$1,000	2,999	4.5%	5.0-6.0	3,957	5.9%
\$1,000-\$1,200	2,846	4.3%	6.0-7.0	2,657	4.0%
\$1,200-\$1,400	2,958	4.4%	7.0-8.0	1,844	2.8%
\$1,400-\$1,600	2,570	3.8%	8.0-9.0	1,318	2.0%
More than \$1,600	8,352	12.5%	More than 9.0	6,477	9.7%
<b>Total</b>	<b>66,762</b>	<b>100.0%</b>	<b>Total</b>	<b>66,762</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	931	1.4%	1.0% or less	1,667	2.5%
\$500-\$1,000	3,199	4.8%	1.0%-2.0%	8,342	12.5%
\$1,000-\$1,500	5,876	8.8%	2.0%-3.0%	21,859	32.7%
\$1,500-\$2,000	8,100	12.1%	3.0%-4.0%	14,790	22.2%
\$2,000-\$2,500	7,863	11.8%	4.0%-5.0%	7,168	10.7%
\$2,500-\$3,000	6,743	10.1%	5.0%-6.0%	3,651	5.5%
\$3,000-\$3,500	6,106	9.1%	6.0%-7.0%	2,030	3.0%
\$3,500-\$4,000	5,079	7.6%	7.0%-8.0%	1,304	2.0%
\$4,000-\$4,500	4,072	6.1%	8.0%-9.0%	918	1.4%
More than \$4,500	18,793	28.1%	More than 9.0%	5,033	7.5%
<b>Total</b>	<b>66,762</b>	<b>100.0%</b>	<b>Total</b>	<b>66,762</b>	<b>100.0%</b>

## 2.18 North Hennepin

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	76	0.1%	0.15% or less	289	0.4%
\$50,000-\$100,000	286	0.4%	0.15%-0.30%	492	0.7%
\$100,000-\$150,000	1,738	2.4%	0.30%-0.45%	1,468	2.0%
\$150,000-\$200,000	8,914	12.1%	0.45%-0.60%	2,499	3.4%
\$200,000-\$250,000	21,814	29.7%	0.60%-0.75%	6,946	9.5%
\$250,000-\$300,000	15,571	21.2%	0.75%-0.90%	8,696	11.8%
\$300,000-\$350,000	8,405	11.4%	0.90%-1.05%	7,022	9.6%
\$350,000-\$400,000	5,926	8.1%	1.05%-1.20%	9,510	13.0%
\$400,000-\$450,000	4,199	5.7%	1.20%-1.35%	20,106	27.4%
More than \$450,000	6,489	8.8%	More than 1.35%	16,390	22.3%
<b>Total</b>	<b>73,418</b>	<b>100.0%</b>	<b>Total</b>	<b>73,418</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	9,367	12.8%	\$20,000 or less	2,475	3.4%
\$1-\$10,000	15,127	20.6%	\$20,000-\$40,000	6,288	8.6%
\$10,000-\$12,500	7,259	9.9%	\$40,000-\$60,000	9,690	13.2%
\$12,500-\$15,000	10,051	13.7%	\$60,000-\$80,000	10,339	14.1%
\$15,000-\$17,500	12,553	17.1%	\$80,000-\$100,000	9,262	12.6%
\$17,500-\$20,000	11,055	15.1%	\$100,000-\$120,000	8,519	11.6%
\$20,000-\$22,500	4,813	6.6%	\$120,000-\$140,000	6,620	9.0%
\$22,500-\$25,000	2,018	2.7%	\$140,000-\$160,000	4,592	6.3%
\$25,000-\$27,500	866	1.2%	\$160,000-\$180,000	3,402	4.6%
More than \$27,500	309	0.4%	More than \$180,000	12,231	16.7%
<b>Total</b>	<b>73,418</b>	<b>100.0%</b>	<b>Total</b>	<b>73,418</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	40,558	55.2%	1.0 or less	2,325	3.2%
\$1-\$200	1,150	1.6%	1.0-2.0	16,939	23.1%
\$200-\$400	1,716	2.3%	2.0-3.0	22,386	30.5%
\$400-\$600	2,882	3.9%	3.0-4.0	12,751	17.4%
\$600-\$800	3,455	4.7%	4.0-5.0	6,654	9.1%
\$800-\$1,000	3,772	5.1%	5.0-6.0	3,691	5.0%
\$1,000-\$1,200	3,989	5.4%	6.0-7.0	2,179	3.0%
\$1,200-\$1,400	4,210	5.7%	7.0-8.0	1,485	2.0%
\$1,400-\$1,600	3,435	4.7%	8.0-9.0	951	1.3%
More than \$1,600	8,251	11.2%	More than 9.0	4,057	5.5%
<b>Total</b>	<b>73,418</b>	<b>100.0%</b>	<b>Total</b>	<b>73,418</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	699	1.0%	1.0% or less	1,587	2.2%
\$500-\$1,000	2,162	2.9%	1.0%-2.0%	8,447	11.5%
\$1,000-\$1,500	5,257	7.2%	2.0%-3.0%	29,777	40.6%
\$1,500-\$2,000	9,703	13.2%	3.0%-4.0%	18,119	24.7%
\$2,000-\$2,500	9,823	13.4%	4.0%-5.0%	6,953	9.5%
\$2,500-\$3,000	10,399	14.2%	5.0%-6.0%	2,811	3.8%
\$3,000-\$3,500	9,496	12.9%	6.0%-7.0%	1,337	1.8%
\$3,500-\$4,000	5,950	8.1%	7.0%-8.0%	800	1.1%
\$4,000-\$4,500	4,465	6.1%	8.0%-9.0%	524	0.7%
More than \$4,500	15,464	21.1%	More than 9.0%	3,063	4.2%
<b>Total</b>	<b>73,418</b>	<b>100.0%</b>	<b>Total</b>	<b>73,418</b>	<b>100.0%</b>

## 2.19 Saint Paul

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	37	0.1%	0.15% or less	190	0.4%
\$50,000-\$100,000	882	1.7%	0.15%-0.30%	390	0.8%
\$100,000-\$150,000	4,796	9.3%	0.30%-0.45%	1,352	2.6%
\$150,000-\$200,000	13,732	26.7%	0.45%-0.60%	1,635	3.2%
\$200,000-\$250,000	11,478	22.3%	0.60%-0.75%	3,206	6.2%
\$250,000-\$300,000	6,527	12.7%	0.75%-0.90%	5,787	11.3%
\$300,000-\$350,000	3,962	7.7%	0.90%-1.05%	4,749	9.2%
\$350,000-\$400,000	2,816	5.5%	1.05%-1.20%	3,813	7.4%
\$400,000-\$450,000	2,104	4.1%	1.20%-1.35%	5,521	10.7%
More than \$450,000	5,090	9.9%	More than 1.35%	24,781	48.2%
<b>Total</b>	<b>51,424</b>	<b>100.0%</b>	<b>Total</b>	<b>51,424</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	6,561	12.8%	\$20,000 or less	2,824	5.5%
\$1-\$10,000	7,179	14.0%	\$20,000-\$40,000	6,146	12.0%
\$10,000-\$12,500	3,194	6.2%	\$40,000-\$60,000	8,542	16.6%
\$12,500-\$15,000	4,101	8.0%	\$60,000-\$80,000	7,571	14.7%
\$15,000-\$17,500	5,685	11.1%	\$80,000-\$100,000	6,260	12.2%
\$17,500-\$20,000	7,989	15.5%	\$100,000-\$120,000	4,880	9.5%
\$20,000-\$22,500	8,286	16.1%	\$120,000-\$140,000	3,685	7.2%
\$22,500-\$25,000	4,853	9.4%	\$140,000-\$160,000	2,438	4.7%
\$25,000-\$27,500	2,444	4.8%	\$160,000-\$180,000	1,841	3.6%
More than \$27,500	1,132	2.2%	More than \$180,000	7,237	14.1%
<b>Total</b>	<b>51,424</b>	<b>100.0%</b>	<b>Total</b>	<b>51,424</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	28,544	55.5%	1.0 or less	1,949	3.8%
\$1-\$200	850	1.7%	1.0-2.0	11,882	23.1%
\$200-\$400	1,242	2.4%	2.0-3.0	14,146	27.5%
\$400-\$600	2,002	3.9%	3.0-4.0	8,835	17.2%
\$600-\$800	2,486	4.8%	4.0-5.0	4,882	9.5%
\$800-\$1,000	2,716	5.3%	5.0-6.0	2,754	5.4%
\$1,000-\$1,200	2,724	5.3%	6.0-7.0	1,660	3.2%
\$1,200-\$1,400	2,764	5.4%	7.0-8.0	1,174	2.3%
\$1,400-\$1,600	2,208	4.3%	8.0-9.0	770	1.5%
More than \$1,600	5,888	11.4%	More than 9.0	3,372	6.6%
<b>Total</b>	<b>51,424</b>	<b>100.0%</b>	<b>Total</b>	<b>51,424</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	792	1.5%	1.0% or less	1,020	2.0%
\$500-\$1,000	2,729	5.3%	1.0%-2.0%	5,391	10.5%
\$1,000-\$1,500	5,532	10.8%	2.0%-3.0%	17,827	34.7%
\$1,500-\$2,000	7,656	14.9%	3.0%-4.0%	12,106	23.5%
\$2,000-\$2,500	7,302	14.2%	4.0%-5.0%	5,618	10.9%
\$2,500-\$3,000	6,160	12.0%	5.0%-6.0%	2,941	5.7%
\$3,000-\$3,500	4,229	8.2%	6.0%-7.0%	1,566	3.0%
\$3,500-\$4,000	2,975	5.8%	7.0%-8.0%	1,051	2.0%
\$4,000-\$4,500	2,405	4.7%	8.0%-9.0%	648	1.3%
More than \$4,500	11,644	22.6%	More than 9.0%	3,256	6.3%
<b>Total</b>	<b>51,424</b>	<b>100.0%</b>	<b>Total</b>	<b>51,424</b>	<b>100.0%</b>

## 2.20 Southeast Hennepin

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	58	0.1%	0.15% or less	312	0.5%
\$50,000-\$100,000	660	1.0%	0.15%-0.30%	420	0.7%
\$100,000-\$150,000	2,540	4.0%	0.30%-0.45%	1,361	2.1%
\$150,000-\$200,000	3,999	6.2%	0.45%-0.60%	2,473	3.9%
\$200,000-\$250,000	12,400	19.3%	0.60%-0.75%	6,806	10.6%
\$250,000-\$300,000	14,405	22.4%	0.75%-0.90%	6,744	10.5%
\$300,000-\$350,000	8,737	13.6%	0.90%-1.05%	6,074	9.5%
\$350,000-\$400,000	5,307	8.3%	1.05%-1.20%	6,879	10.7%
\$400,000-\$450,000	3,677	5.7%	1.20%-1.35%	20,965	32.6%
More than \$450,000	12,436	19.4%	More than 1.35%	12,185	19.0%
<b>Total</b>	<b>64,219</b>	<b>100.0%</b>	<b>Total</b>	<b>64,219</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	15,041	23.4%	\$20,000 or less	2,415	3.8%
\$1-\$10,000	14,592	22.7%	\$20,000-\$40,000	5,902	9.2%
\$10,000-\$12,500	7,080	11.0%	\$40,000-\$60,000	7,797	12.1%
\$12,500-\$15,000	8,906	13.9%	\$60,000-\$80,000	8,016	12.5%
\$15,000-\$17,500	8,202	12.8%	\$80,000-\$100,000	7,179	11.2%
\$17,500-\$20,000	4,140	6.4%	\$100,000-\$120,000	6,574	10.2%
\$20,000-\$22,500	2,123	3.3%	\$120,000-\$140,000	5,225	8.1%
\$22,500-\$25,000	1,725	2.7%	\$140,000-\$160,000	3,705	5.8%
\$25,000-\$27,500	1,449	2.3%	\$160,000-\$180,000	2,815	4.4%
More than \$27,500	961	1.5%	More than \$180,000	14,591	22.7%
<b>Total</b>	<b>64,219</b>	<b>100.0%</b>	<b>Total</b>	<b>64,219</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	37,783	58.8%	1.0 or less	2,875	4.5%
\$1-\$200	863	1.3%	1.0-2.0	13,953	21.7%
\$200-\$400	1,366	2.1%	2.0-3.0	17,373	27.1%
\$400-\$600	2,197	3.4%	3.0-4.0	10,562	16.4%
\$600-\$800	2,370	3.7%	4.0-5.0	6,142	9.6%
\$800-\$1,000	2,586	4.0%	5.0-6.0	3,586	5.6%
\$1,000-\$1,200	2,927	4.6%	6.0-7.0	2,289	3.6%
\$1,200-\$1,400	3,220	5.0%	7.0-8.0	1,506	2.3%
\$1,400-\$1,600	2,815	4.4%	8.0-9.0	1,129	1.8%
More than \$1,600	8,092	12.6%	More than 9.0	4,804	7.5%
<b>Total</b>	<b>64,219</b>	<b>100.0%</b>	<b>Total</b>	<b>64,219</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	669	1.0%	1.0% or less	2,002	3.1%
\$500-\$1,000	2,304	3.6%	1.0%-2.0%	8,141	12.7%
\$1,000-\$1,500	4,816	7.5%	2.0%-3.0%	22,339	34.8%
\$1,500-\$2,000	7,295	11.4%	3.0%-4.0%	15,220	23.7%
\$2,000-\$2,500	6,619	10.3%	4.0%-5.0%	6,746	10.5%
\$2,500-\$3,000	6,712	10.5%	5.0%-6.0%	3,046	4.7%
\$3,000-\$3,500	6,993	10.9%	6.0%-7.0%	1,543	2.4%
\$3,500-\$4,000	5,523	8.6%	7.0%-8.0%	995	1.5%
\$4,000-\$4,500	4,301	6.7%	8.0%-9.0%	648	1.0%
More than \$4,500	18,987	29.6%	More than 9.0%	3,539	5.5%
<b>Total</b>	<b>64,219</b>	<b>100.0%</b>	<b>Total</b>	<b>64,219</b>	<b>100.0%</b>



## 2.21 Southwest Hennepin

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	0	0.0%	0.15% or less	141	0.2%
\$50,000-\$100,000	99	0.1%	0.15%-0.30%	383	0.6%
\$100,000-\$150,000	1,352	2.0%	0.30%-0.45%	1,069	1.6%
\$150,000-\$200,000	3,427	5.1%	0.45%-0.60%	2,502	3.7%
\$200,000-\$250,000	5,776	8.6%	0.60%-0.75%	5,822	8.6%
\$250,000-\$300,000	7,354	10.9%	0.75%-0.90%	5,767	8.5%
\$300,000-\$350,000	10,326	15.3%	0.90%-1.05%	5,915	8.8%
\$350,000-\$400,000	8,585	12.7%	1.05%-1.20%	14,174	21.0%
\$400,000-\$450,000	6,937	10.3%	1.20%-1.35%	27,051	40.1%
More than \$450,000	23,669	35.1%	More than 1.35%	4,701	7.0%
<b>Total</b>	<b>67,525</b>	<b>100.0%</b>	<b>Total</b>	<b>67,525</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	28,603	42.4%	\$20,000 or less	1,993	3.0%
\$1-\$10,000	20,412	30.2%	\$20,000-\$40,000	4,120	6.1%
\$10,000-\$12,500	4,751	7.0%	\$40,000-\$60,000	5,831	8.6%
\$12,500-\$15,000	3,447	5.1%	\$60,000-\$80,000	6,267	9.3%
\$15,000-\$17,500	3,474	5.1%	\$80,000-\$100,000	6,159	9.1%
\$17,500-\$20,000	2,792	4.1%	\$100,000-\$120,000	6,128	9.1%
\$20,000-\$22,500	1,881	2.8%	\$120,000-\$140,000	5,315	7.9%
\$22,500-\$25,000	1,407	2.1%	\$140,000-\$160,000	4,243	6.3%
\$25,000-\$27,500	593	0.9%	\$160,000-\$180,000	3,636	5.4%
More than \$27,500	165	0.2%	More than \$180,000	23,833	35.3%
<b>Total</b>	<b>67,525</b>	<b>100.0%</b>	<b>Total</b>	<b>67,525</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	46,018	68.1%	1.0 or less	3,926	5.8%
\$1-\$200	647	1.0%	1.0-2.0	15,137	22.4%
\$200-\$400	1,015	1.5%	2.0-3.0	18,056	26.7%
\$400-\$600	1,776	2.6%	3.0-4.0	10,832	16.0%
\$600-\$800	2,049	3.0%	4.0-5.0	5,959	8.8%
\$800-\$1,000	2,019	3.0%	5.0-6.0	3,519	5.2%
\$1,000-\$1,200	2,135	3.2%	6.0-7.0	2,300	3.4%
\$1,200-\$1,400	2,299	3.4%	7.0-8.0	1,514	2.2%
\$1,400-\$1,600	2,124	3.1%	8.0-9.0	1,134	1.7%
More than \$1,600	7,443	11.0%	More than 9.0	5,148	7.6%
<b>Total</b>	<b>67,525</b>	<b>100.0%</b>	<b>Total</b>	<b>67,525</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	335	0.5%	1.0% or less	2,750	4.1%
\$500-\$1,000	1,285	1.9%	1.0%-2.0%	10,361	15.3%
\$1,000-\$1,500	3,157	4.7%	2.0%-3.0%	21,853	32.4%
\$1,500-\$2,000	5,081	7.5%	3.0%-4.0%	15,209	22.5%
\$2,000-\$2,500	5,595	8.3%	4.0%-5.0%	6,700	9.9%
\$2,500-\$3,000	4,901	7.3%	5.0%-6.0%	3,172	4.7%
\$3,000-\$3,500	4,759	7.0%	6.0%-7.0%	1,692	2.5%
\$3,500-\$4,000	5,363	7.9%	7.0%-8.0%	1,062	1.6%
\$4,000-\$4,500	5,433	8.0%	8.0%-9.0%	707	1.0%
More than \$4,500	31,616	46.8%	More than 9.0%	4,019	6.0%
<b>Total</b>	<b>67,525</b>	<b>100.0%</b>	<b>Total</b>	<b>67,525</b>	<b>100.0%</b>

## 2.22 Suburban Ramsey

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	11	0.0%	0.15% or less	252	0.4%
\$50,000-\$100,000	599	1.0%	0.15%-0.30%	298	0.5%
\$100,000-\$150,000	2,470	4.2%	0.30%-0.45%	1,080	1.8%
\$150,000-\$200,000	5,596	9.4%	0.45%-0.60%	2,019	3.4%
\$200,000-\$250,000	13,779	23.2%	0.60%-0.75%	5,868	9.9%
\$250,000-\$300,000	14,519	24.4%	0.75%-0.90%	6,621	11.1%
\$300,000-\$350,000	9,182	15.5%	0.90%-1.05%	6,195	10.4%
\$350,000-\$400,000	4,874	8.2%	1.05%-1.20%	5,507	9.3%
\$400,000-\$450,000	2,566	4.3%	1.20%-1.35%	15,945	26.8%
More than \$450,000	5,799	9.8%	More than 1.35%	15,610	26.3%
<b>Total</b>	<b>59,395</b>	<b>100.0%</b>	<b>Total</b>	<b>59,395</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	7,499	12.6%	\$20,000 or less	1,869	3.1%
\$1-\$10,000	14,324	24.1%	\$20,000-\$40,000	5,390	9.1%
\$10,000-\$12,500	7,196	12.1%	\$40,000-\$60,000	7,786	13.1%
\$12,500-\$15,000	8,883	15.0%	\$60,000-\$80,000	8,293	14.0%
\$15,000-\$17,500	8,698	14.6%	\$80,000-\$100,000	7,628	12.8%
\$17,500-\$20,000	5,574	9.4%	\$100,000-\$120,000	7,112	12.0%
\$20,000-\$22,500	3,296	5.5%	\$120,000-\$140,000	5,362	9.0%
\$22,500-\$25,000	1,704	2.9%	\$140,000-\$160,000	3,722	6.3%
\$25,000-\$27,500	1,374	2.3%	\$160,000-\$180,000	2,646	4.5%
More than \$27,500	847	1.4%	More than \$180,000	9,587	16.1%
<b>Total</b>	<b>59,395</b>	<b>100.0%</b>	<b>Total</b>	<b>59,395</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	33,266	56.0%	1.0 or less	2,112	3.6%
\$1-\$200	808	1.4%	1.0-2.0	12,699	21.4%
\$200-\$400	1,318	2.2%	2.0-3.0	17,523	29.5%
\$400-\$600	2,138	3.6%	3.0-4.0	10,628	17.9%
\$600-\$800	2,478	4.2%	4.0-5.0	5,660	9.5%
\$800-\$1,000	2,783	4.7%	5.0-6.0	3,152	5.3%
\$1,000-\$1,200	3,032	5.1%	6.0-7.0	1,977	3.3%
\$1,200-\$1,400	3,251	5.5%	7.0-8.0	1,265	2.1%
\$1,400-\$1,600	2,887	4.9%	8.0-9.0	885	1.5%
More than \$1,600	7,434	12.5%	More than 9.0	3,494	5.9%
<b>Total</b>	<b>59,395</b>	<b>100.0%</b>	<b>Total</b>	<b>59,395</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	502	0.8%	1.0% or less	1,384	2.3%
\$500-\$1,000	2,024	3.4%	1.0%-2.0%	6,359	10.7%
\$1,000-\$1,500	4,324	7.3%	2.0%-3.0%	22,000	37.0%
\$1,500-\$2,000	7,228	12.2%	3.0%-4.0%	15,647	26.3%
\$2,000-\$2,500	7,494	12.6%	4.0%-5.0%	6,203	10.4%
\$2,500-\$3,000	7,223	12.2%	5.0%-6.0%	2,560	4.3%
\$3,000-\$3,500	7,240	12.2%	6.0%-7.0%	1,224	2.1%
\$3,500-\$4,000	5,661	9.5%	7.0%-8.0%	761	1.3%
\$4,000-\$4,500	4,540	7.6%	8.0%-9.0%	494	0.8%
More than \$4,500	13,159	22.2%	More than 9.0%	2,763	4.7%
<b>Total</b>	<b>59,395</b>	<b>100.0%</b>	<b>Total</b>	<b>59,395</b>	<b>100.0%</b>

## 2.23 Washington

Estimated Market Value	Homesteads		Effective Tax Rate	Homesteads	
	Count	Percent		Count	Percent
\$50,000 or less	23	0.0%	0.15% or less	295	0.4%
\$50,000-\$100,000	162	0.2%	0.15%-0.30%	649	0.9%
\$100,000-\$150,000	1,426	2.0%	0.30%-0.45%	1,579	2.2%
\$150,000-\$200,000	6,033	8.6%	0.45%-0.60%	3,602	5.1%
\$200,000-\$250,000	11,724	16.7%	0.60%-0.75%	7,379	10.5%
\$250,000-\$300,000	13,283	18.9%	0.75%-0.90%	9,860	14.0%
\$300,000-\$350,000	9,877	14.0%	0.90%-1.05%	11,137	15.8%
\$350,000-\$400,000	8,829	12.6%	1.05%-1.20%	13,864	19.7%
\$400,000-\$450,000	6,787	9.7%	1.20%-1.35%	19,509	27.8%
More than \$450,000	12,156	17.3%	More than 1.35%	2,426	3.5%
<b>Total</b>	<b>70,300</b>	<b>100.0%</b>	<b>Total</b>	<b>70,300</b>	<b>100.0%</b>
MV Exclusion	Count	Percent	Homestead Income	Count	Percent
No Exclusion	16,895	24.0%	\$20,000 or less	1,799	2.6%
\$1-\$10,000	20,160	28.7%	\$20,000-\$40,000	4,528	6.4%
\$10,000-\$12,500	6,986	9.9%	\$40,000-\$60,000	7,408	10.5%
\$12,500-\$15,000	7,723	11.0%	\$60,000-\$80,000	8,531	12.1%
\$15,000-\$17,500	6,453	9.2%	\$80,000-\$100,000	8,312	11.8%
\$17,500-\$20,000	6,088	8.7%	\$100,000-\$120,000	8,080	11.5%
\$20,000-\$22,500	3,700	5.3%	\$120,000-\$140,000	6,776	9.6%
\$22,500-\$25,000	1,319	1.9%	\$140,000-\$160,000	5,124	7.3%
\$25,000-\$27,500	706	1.0%	\$160,000-\$180,000	3,848	5.5%
More than \$27,500	270	0.4%	More than \$180,000	15,894	22.6%
<b>Total</b>	<b>70,300</b>	<b>100.0%</b>	<b>Total</b>	<b>70,300</b>	<b>100.0%</b>
Property Tax Refund	Count	Percent	EMV / Income Ratio	Count	Percent
No Refund	44,039	62.6%	1.0 or less	2,918	4.2%
\$1-\$200	964	1.4%	1.0-2.0	15,064	21.4%
\$200-\$400	1,717	2.4%	2.0-3.0	21,470	30.5%
\$400-\$600	2,643	3.8%	3.0-4.0	12,501	17.8%
\$600-\$800	3,128	4.4%	4.0-5.0	6,552	9.3%
\$800-\$1,000	3,177	4.5%	5.0-6.0	3,606	5.1%
\$1,000-\$1,200	3,224	4.6%	6.0-7.0	2,085	3.0%
\$1,200-\$1,400	3,006	4.3%	7.0-8.0	1,362	1.9%
\$1,400-\$1,600	2,441	3.5%	8.0-9.0	881	1.3%
More than \$1,600	5,961	8.5%	More than 9.0	3,861	5.5%
<b>Total</b>	<b>70,300</b>	<b>100.0%</b>	<b>Total</b>	<b>70,300</b>	<b>100.0%</b>
Net Tax	Count	Percent	Burden after PTR	Count	Percent
\$500 or less	580	0.8%	1.0% or less	2,670	3.8%
\$500-\$1,000	1,701	2.4%	1.0%-2.0%	10,657	15.2%
\$1,000-\$1,500	4,737	6.7%	2.0%-3.0%	28,555	40.6%
\$1,500-\$2,000	7,845	11.2%	3.0%-4.0%	16,105	22.9%
\$2,000-\$2,500	9,092	12.9%	4.0%-5.0%	5,704	8.1%
\$2,500-\$3,000	8,416	12.0%	5.0%-6.0%	2,113	3.0%
\$3,000-\$3,500	8,128	11.6%	6.0%-7.0%	1,096	1.6%
\$3,500-\$4,000	6,493	9.2%	7.0%-8.0%	614	0.9%
\$4,000-\$4,500	5,586	7.9%	8.0%-9.0%	436	0.6%
More than \$4,500	17,722	25.2%	More than 9.0%	2,350	3.3%
<b>Total</b>	<b>70,300</b>	<b>100.0%</b>	<b>Total</b>	<b>70,300</b>	<b>100.0%</b>

### 3 Variable Profiles

The tables on the following pages present the same information as in Section 2, reorganized by variable rather than by region.

- Table 3.1 Estimated Market Value (page 33)
- Table 3.2 Homestead Market Value Exclusion (page 34)
- Table 3.3 Property Tax Refund (page 35)
- Table 3.4 Net Tax (page 36)
- Table 3.5 Effective Tax Rate (page 37)
- Table 3.6 Homestead Income (page 38)
- Table 3.7 EMV/Income Ratio (page 39)
- Table 3.8 Burden After PTR (page 40)

3.1 Estimated Market Value

	\$50,000 or less	\$50,000-\$100,000	\$100,000-\$150,000	\$150,000-\$200,000	\$200,000-\$250,000	\$250,000-\$300,000	\$300,000-\$350,000	\$350,000-\$400,000	\$400,000-\$450,000	Over \$450,000	Total
Arrowhead	5.4%	19.8%	22.6%	19.2%	12.7%	7.7%	4.8%	3.0%	1.8%	3.0%	100%
Central	0.6%	2.9%	11.3%	19.8%	23.3%	16.9%	11.0%	6.7%	3.3%	4.1%	100%
East Central	1.6%	5.8%	14.3%	23.2%	22.7%	14.2%	8.3%	4.5%	2.6%	2.8%	100%
Minnesota Valley	7.1%	20.3%	24.7%	19.8%	11.8%	7.1%	3.9%	2.3%	1.2%	1.9%	100%
North Central	3.3%	13.8%	20.9%	20.3%	14.4%	9.3%	5.8%	3.8%	2.3%	6.0%	100%
Northwest/Headwaters	8.1%	20.4%	24.5%	19.5%	12.1%	6.5%	3.6%	2.2%	1.3%	1.8%	100%
South Central	4.9%	14.3%	23.0%	20.9%	14.5%	9.1%	5.7%	3.2%	1.8%	2.6%	100%
Southeast	1.5%	9.2%	17.8%	23.8%	17.6%	11.0%	7.5%	4.5%	2.8%	4.3%	100%
Southwest	12.6%	28.7%	24.7%	16.6%	8.3%	4.3%	2.3%	1.2%	0.6%	0.6%	100%
West Central	3.4%	11.9%	18.8%	20.5%	15.4%	10.5%	6.7%	4.5%	2.8%	5.7%	100%
Greater Minnesota	3.7%	12.6%	19.1%	20.8%	16.4%	10.6%	6.7%	4.1%	2.3%	3.6%	100%
Anoka	0.0%	0.2%	2.3%	11.7%	31.3%	22.1%	13.2%	8.4%	4.9%	5.8%	100%
Carver/Scott	0.1%	0.5%	2.2%	9.6%	14.9%	17.1%	14.7%	12.0%	8.7%	20.1%	100%
Dakota	0.0%	0.6%	2.6%	11.5%	16.4%	20.1%	16.3%	11.9%	8.3%	12.4%	100%
Minneapolis	0.0%	1.4%	5.5%	12.7%	17.4%	18.1%	12.6%	8.8%	6.1%	17.4%	100%
North Hennepin	0.1%	0.4%	2.4%	12.1%	29.7%	21.2%	11.4%	8.1%	5.7%	8.8%	100%
Saint Paul	0.1%	1.7%	9.3%	26.7%	22.3%	12.7%	7.7%	5.5%	4.1%	9.9%	100%
Southeast Hennepin	0.1%	1.0%	4.0%	6.2%	19.3%	22.4%	13.6%	8.3%	5.7%	19.4%	100%
Southwest Hennepin	0.0%	0.1%	2.0%	5.1%	8.6%	10.9%	15.3%	12.7%	10.3%	35.1%	100%
Suburban Ramsey	0.0%	1.0%	4.2%	9.4%	23.2%	24.4%	15.5%	8.2%	4.3%	9.8%	100%
Washington	0.0%	0.2%	2.0%	8.6%	16.7%	18.9%	14.0%	12.6%	9.7%	17.3%	100%
Metro	0.0%	0.7%	3.4%	11.1%	20.2%	19.1%	13.7%	9.8%	6.9%	15.2%	100%
Statewide	1.7%	6.2%	10.6%	15.6%	18.4%	15.2%	10.5%	7.2%	4.8%	9.8%	100%

**3.2 Homestead Market Value Exclusion**

	None	\$1- \$10,000	\$10,000- \$12,500	\$12,500- \$15,000	\$15,000- \$17,500	\$17,500- \$20,000	\$20,000- \$22,500	\$22,500- \$25,000	\$25,000- \$27,500	Over \$27,500	Total
Arrowhead	4.3%	8.7%	4.3%	5.8%	7.7%	10.2%	12.5%	14.5%	14.9%	16.9%	100%
Central	6.3%	18.3%	8.4%	10.5%	12.8%	13.6%	11.7%	8.1%	6.5%	3.7%	100%
East Central	4.5%	13.4%	7.1%	9.2%	12.3%	14.7%	13.7%	11.4%	8.0%	5.8%	100%
Minnesota Valley	2.7%	8.2%	4.3%	5.7%	7.4%	9.7%	12.4%	15.6%	16.0%	18.0%	100%
North Central	7.6%	10.6%	4.9%	6.5%	8.1%	10.4%	12.7%	13.0%	13.2%	13.1%	100%
Northwest/Headwaters	2.6%	7.9%	4.3%	5.5%	7.7%	10.4%	12.6%	14.7%	16.3%	17.9%	100%
South Central	3.8%	10.3%	5.2%	6.7%	8.3%	10.4%	12.7%	15.0%	14.5%	13.2%	100%
Southeast	6.2%	12.7%	5.6%	7.1%	9.5%	11.9%	14.3%	13.0%	10.4%	9.3%	100%
Southwest	1.0%	6.5%	4.0%	5.1%	6.7%	8.8%	12.1%	15.2%	17.2%	23.3%	100%
West Central	7.5%	12.4%	5.7%	7.1%	8.8%	10.6%	12.4%	12.4%	11.7%	11.4%	100%
Greater Minnesota	5.2%	11.9%	5.7%	7.3%	9.4%	11.4%	12.8%	12.8%	11.9%	11.7%	100%
Anoka	9.0%	22.5%	10.0%	14.6%	19.1%	13.9%	6.8%	2.9%	0.9%	0.3%	100%
Carver/Scott	26.2%	28.5%	8.9%	10.0%	8.8%	7.4%	5.7%	2.7%	1.1%	0.7%	100%
Dakota	18.1%	29.7%	11.1%	11.0%	9.7%	8.7%	6.6%	2.8%	1.5%	0.7%	100%
Minneapolis	21.6%	22.4%	9.5%	10.6%	10.1%	8.8%	7.5%	4.9%	2.8%	1.8%	100%
North Hennepin	12.8%	20.6%	9.9%	13.7%	17.1%	15.1%	6.6%	2.7%	1.2%	0.4%	100%
Saint Paul	12.8%	14.0%	6.2%	8.0%	11.1%	15.5%	16.1%	9.4%	4.8%	2.2%	100%
Southeast Hennepin	23.4%	22.7%	11.0%	13.9%	12.8%	6.4%	3.3%	2.7%	2.3%	1.5%	100%
Southwest Hennepin	42.4%	30.2%	7.0%	5.1%	5.1%	4.1%	2.8%	2.1%	0.9%	0.2%	100%
Suburban Ramsey	12.6%	24.1%	12.1%	15.0%	14.6%	9.4%	5.5%	2.9%	2.3%	1.4%	100%
Washington	24.0%	28.7%	9.9%	11.0%	9.2%	8.7%	5.3%	1.9%	1.0%	0.4%	100%
Metro	20.0%	24.8%	9.7%	11.4%	11.9%	9.8%	6.4%	3.3%	1.7%	0.9%	100%
Statewide	13.1%	18.8%	7.9%	9.5%	10.7%	10.5%	9.4%	7.7%	6.4%	5.9%	100%

3.3 Property Tax Refund

	No Refund	\$1-\$200	\$200- \$400	\$400- \$600	\$600- \$800	\$800- \$1,000	\$1,000- \$1,200	\$1,200- \$1,400	\$1,400- \$1,600	Over \$1,600	Total
Arrowhead	71.2%	3.3%	3.7%	3.9%	3.6%	3.2%	2.7%	2.4%	1.7%	4.2%	100%
Central	58.0%	2.9%	4.2%	5.3%	5.6%	5.2%	4.6%	4.2%	3.1%	6.8%	100%
East Central	55.3%	3.3%	3.8%	4.9%	5.5%	5.5%	5.0%	4.4%	3.7%	8.5%	100%
Minnesota Valley	65.6%	5.6%	5.2%	5.0%	4.4%	3.7%	3.0%	2.3%	1.6%	3.5%	100%
North Central	68.7%	4.3%	4.8%	5.1%	4.2%	3.5%	2.7%	2.0%	1.4%	3.2%	100%
Northwest/Headwaters	76.3%	3.4%	3.9%	3.9%	3.3%	2.6%	2.0%	1.4%	1.0%	2.1%	100%
South Central	62.1%	4.5%	5.2%	5.7%	5.3%	4.5%	3.6%	2.9%	2.0%	4.3%	100%
Southeast	62.6%	3.5%	4.5%	5.1%	5.0%	4.7%	3.9%	3.2%	2.3%	5.1%	100%
Southwest	75.7%	5.7%	5.1%	4.1%	2.9%	2.3%	1.4%	1.0%	0.6%	1.1%	100%
West Central	68.2%	3.7%	4.4%	4.8%	4.5%	3.6%	3.0%	2.4%	1.7%	3.8%	100%
Greater Minnesota	65.0%	3.8%	4.4%	4.9%	4.6%	4.1%	3.4%	2.9%	2.1%	4.7%	100%
Anoka	57.5%	2.4%	3.7%	5.2%	6.0%	6.0%	5.4%	4.4%	3.2%	6.3%	100%
Carver/Scott	65.4%	1.6%	2.3%	3.8%	4.2%	4.0%	4.0%	3.7%	3.1%	7.7%	100%
Dakota	61.4%	1.8%	3.0%	4.3%	4.8%	4.8%	4.7%	4.3%	3.4%	7.5%	100%
Minneapolis	58.7%	1.5%	2.4%	3.6%	4.2%	4.5%	4.3%	4.4%	3.8%	12.5%	100%
North Hennepin	55.2%	1.6%	2.3%	3.9%	4.7%	5.1%	5.4%	5.7%	4.7%	11.2%	100%
Saint Paul	55.5%	1.7%	2.4%	3.9%	4.8%	5.3%	5.3%	5.4%	4.3%	11.4%	100%
Southeast Hennepin	58.8%	1.3%	2.1%	3.4%	3.7%	4.0%	4.6%	5.0%	4.4%	12.6%	100%
Southwest Hennepin	68.1%	1.0%	1.5%	2.6%	3.0%	3.0%	3.2%	3.4%	3.1%	11.0%	100%
Suburban Ramsey	56.0%	1.4%	2.2%	3.6%	4.2%	4.7%	5.1%	5.5%	4.9%	12.5%	100%
Washington	62.6%	1.4%	2.4%	3.8%	4.4%	4.5%	4.6%	4.3%	3.5%	8.5%	100%
Metro	60.0%	1.6%	2.5%	3.9%	4.5%	4.7%	4.7%	4.6%	3.8%	9.8%	100%
Statewide	62.3%	2.6%	3.4%	4.3%	4.6%	4.4%	4.1%	3.8%	3.0%	7.5%	100%

3.4 Net Tax

	\$500 or less	\$500-\$1,000	\$1,000-\$1,500	\$1,500-\$2,000	\$2,000-\$2,500	\$2,500-\$3,000	\$3,000-\$3,500	\$3,500-\$4,000	\$4,000-\$4,500	Over \$4,500	Total
Arrowhead	16.5%	18.2%	17.6%	14.2%	10.0%	7.0%	4.5%	3.0%	2.2%	6.7%	100%
Central	2.8%	6.2%	12.9%	16.4%	15.7%	13.1%	9.4%	6.8%	5.0%	11.7%	100%
East Central	5.0%	8.2%	13.8%	16.8%	15.1%	12.2%	9.5%	6.1%	4.3%	8.9%	100%
Minnesota Valley	9.8%	20.0%	20.3%	16.3%	11.8%	7.7%	4.6%	3.0%	2.1%	4.5%	100%
North Central	12.9%	20.1%	21.3%	16.5%	11.1%	6.6%	3.8%	2.2%	1.5%	4.0%	100%
Northwest/Headwaters	14.3%	21.4%	19.8%	16.0%	10.8%	6.5%	3.9%	2.7%	1.5%	3.2%	100%
South Central	6.6%	15.1%	18.9%	17.7%	13.7%	9.3%	5.8%	3.8%	2.6%	6.4%	100%
Southeast	4.0%	11.3%	16.4%	16.6%	14.1%	10.4%	7.1%	5.1%	4.1%	10.8%	100%
Southwest	15.3%	28.1%	21.4%	14.3%	8.3%	5.1%	2.8%	1.8%	1.2%	1.9%	100%
West Central	8.3%	16.1%	19.2%	16.5%	13.0%	8.8%	5.5%	3.8%	2.6%	6.0%	100%
Greater Minnesota	8.4%	14.5%	17.3%	16.2%	12.9%	9.4%	6.3%	4.3%	3.1%	7.7%	100%
Anoka	1.3%	3.9%	10.5%	16.4%	19.0%	16.4%	10.7%	7.3%	4.9%	9.5%	100%
Carver/Scott	0.8%	2.3%	6.2%	10.7%	12.0%	11.4%	10.2%	8.8%	8.2%	29.4%	100%
Dakota	1.0%	3.3%	8.1%	13.0%	13.5%	13.0%	11.5%	8.7%	7.4%	20.5%	100%
Minneapolis	1.4%	4.8%	8.8%	12.1%	11.8%	10.1%	9.1%	7.6%	6.1%	28.1%	100%
North Hennepin	1.0%	2.9%	7.2%	13.2%	13.4%	14.2%	12.9%	8.1%	6.1%	21.1%	100%
Saint Paul	1.5%	5.3%	10.8%	14.9%	14.2%	12.0%	8.2%	5.8%	4.7%	22.6%	100%
Southeast Hennepin	1.0%	3.6%	7.5%	11.4%	10.3%	10.5%	10.9%	8.6%	6.7%	29.6%	100%
Southwest Hennepin	0.5%	1.9%	4.7%	7.5%	8.3%	7.3%	7.0%	7.9%	8.0%	46.8%	100%
Suburban Ramsey	0.8%	3.4%	7.3%	12.2%	12.6%	12.2%	12.2%	9.5%	7.6%	22.2%	100%
Washington	0.8%	2.4%	6.7%	11.2%	12.9%	12.0%	11.6%	9.2%	7.9%	25.2%	100%
Metro	1.0%	3.3%	7.8%	12.4%	13.0%	12.1%	10.6%	8.2%	6.8%	24.7%	100%
Statewide	4.4%	8.5%	12.2%	14.1%	13.0%	10.8%	8.6%	6.4%	5.1%	16.9%	100%



3.5 Effective Tax Rate

	0.15% or less	0.15%-0.30%	0.30%-0.45%	0.45%-0.60%	0.60%-0.75%	0.75%-0.90%	0.90%-1.05%	1.05%-1.20%	1.20%-1.35%	Over 1.35%	Total
Arrowhead	2.3%	2.7%	6.2%	8.5%	13.1%	14.5%	13.1%	11.9%	9.8%	17.8%	100%
Central	1.1%	1.0%	2.3%	4.3%	8.7%	12.4%	17.3%	16.5%	16.2%	20.2%	100%
East Central	1.5%	1.2%	2.8%	3.8%	8.6%	12.5%	14.1%	17.7%	14.3%	23.5%	100%
Minnesota Valley	1.6%	1.0%	2.2%	4.4%	8.3%	12.6%	16.1%	17.0%	11.7%	25.1%	100%
North Central	3.5%	3.1%	7.2%	15.3%	14.8%	18.1%	14.7%	11.0%	8.1%	4.1%	100%
Northwest/Headwaters	2.3%	1.3%	2.7%	5.4%	12.1%	18.8%	16.7%	15.6%	10.2%	14.9%	100%
South Central	1.3%	0.9%	2.1%	3.9%	7.8%	12.3%	14.9%	17.6%	14.0%	25.3%	100%
Southeast	1.0%	0.9%	2.2%	3.7%	7.3%	13.0%	16.0%	16.2%	17.1%	22.6%	100%
Southwest	1.3%	1.0%	2.0%	5.4%	10.4%	11.9%	15.9%	17.2%	14.4%	20.5%	100%
West Central	1.6%	1.8%	3.6%	7.6%	14.5%	20.5%	18.0%	12.0%	7.8%	12.7%	100%
Greater Minnesota	1.6%	1.5%	3.3%	5.9%	10.2%	14.3%	15.7%	15.2%	13.1%	19.3%	100%
Anoka	0.7%	1.4%	2.8%	6.5%	12.7%	13.3%	19.6%	29.5%	8.9%	4.6%	100%
Carver/Scott	0.4%	0.8%	1.7%	4.5%	9.2%	10.8%	12.8%	32.1%	20.1%	7.7%	100%
Dakota	0.5%	1.0%	2.0%	5.4%	11.5%	12.4%	13.4%	36.1%	14.1%	3.6%	100%
Minneapolis	0.3%	1.2%	2.6%	3.7%	10.0%	10.2%	9.1%	10.9%	41.4%	10.6%	100%
North Hennepin	0.4%	0.7%	2.0%	3.4%	9.5%	11.8%	9.6%	13.0%	27.4%	22.3%	100%
Saint Paul	0.4%	0.8%	2.6%	3.2%	6.2%	11.3%	9.2%	7.4%	10.7%	48.2%	100%
Southeast Hennepin	0.5%	0.7%	2.1%	3.9%	10.6%	10.5%	9.5%	10.7%	32.6%	19.0%	100%
Southwest Hennepin	0.2%	0.6%	1.6%	3.7%	8.6%	8.5%	8.8%	21.0%	40.1%	7.0%	100%
Suburban Ramsey	0.4%	0.5%	1.8%	3.4%	9.9%	11.1%	10.4%	9.3%	26.8%	26.3%	100%
Washington	0.4%	0.9%	2.2%	5.1%	10.5%	14.0%	15.8%	19.7%	27.8%	3.5%	100%
Metro	0.4%	0.9%	2.2%	4.4%	10.1%	11.5%	12.2%	20.5%	24.2%	13.5%	100%
Statewide	1.0%	1.1%	2.7%	5.1%	10.1%	12.8%	13.8%	18.1%	19.1%	16.1%	100%

**3.6 Homestead Income**

	\$20,000 or less	\$20,000-\$40,000	\$40,000-\$60,000	\$60,000-\$80,000	\$80,000-\$100,000	\$100,000-\$120,000	\$120,000-\$140,000	\$140,000-\$160,000	\$160,000-\$180,000	Over \$180,000	Total
Arrowhead	7.7%	15.8%	17.9%	16.2%	12.8%	9.7%	6.6%	3.9%	2.4%	6.9%	100%
Central	3.6%	9.3%	13.9%	15.3%	14.2%	12.8%	9.6%	6.2%	4.1%	11.1%	100%
East Central	5.9%	12.9%	16.7%	16.5%	14.3%	11.2%	8.0%	4.7%	2.8%	6.9%	100%
Minnesota Valley	6.3%	14.7%	17.9%	16.4%	13.9%	10.5%	6.9%	4.0%	2.5%	7.0%	100%
North Central	8.8%	17.3%	18.5%	16.1%	12.5%	9.1%	5.7%	3.4%	2.1%	6.6%	100%
Northwest/Headwaters	8.0%	15.1%	18.0%	16.1%	12.9%	10.6%	6.6%	3.9%	2.3%	6.5%	100%
South Central	5.6%	13.3%	17.8%	16.4%	13.8%	11.2%	7.4%	4.3%	2.7%	7.4%	100%
Southeast	4.6%	11.8%	16.1%	15.2%	13.3%	11.4%	8.3%	5.1%	3.5%	10.6%	100%
Southwest	8.3%	16.1%	18.8%	16.1%	12.8%	9.9%	6.3%	3.4%	2.1%	6.3%	100%
West Central	6.2%	13.4%	16.7%	16.0%	13.8%	10.9%	7.2%	4.4%	2.9%	8.5%	100%
Greater Minnesota	5.9%	13.3%	16.7%	15.9%	13.5%	11.0%	7.6%	4.6%	3.0%	8.5%	100%
Anoka	3.3%	8.9%	13.9%	15.0%	13.8%	12.5%	9.5%	6.4%	4.4%	12.3%	100%
Carver/Scott	2.4%	5.6%	9.5%	11.2%	11.4%	11.5%	10.3%	7.3%	5.9%	24.9%	100%
Dakota	2.8%	7.3%	11.7%	12.9%	12.4%	11.9%	9.6%	7.0%	5.3%	19.1%	100%
Minneapolis	5.8%	10.9%	13.3%	12.7%	11.2%	9.5%	7.5%	5.4%	4.2%	19.6%	100%
North Hennepin	3.4%	8.6%	13.2%	14.1%	12.6%	11.6%	9.0%	6.3%	4.6%	16.7%	100%
Saint Paul	5.5%	12.0%	16.6%	14.7%	12.2%	9.5%	7.2%	4.7%	3.6%	14.1%	100%
Southeast Hennepin	3.8%	9.2%	12.1%	12.5%	11.2%	10.2%	8.1%	5.8%	4.4%	22.7%	100%
Southwest Hennepin	3.0%	6.1%	8.6%	9.3%	9.1%	9.1%	7.9%	6.3%	5.4%	35.3%	100%
Suburban Ramsey	3.1%	9.1%	13.1%	14.0%	12.8%	12.0%	9.0%	6.3%	4.5%	16.1%	100%
Washington	2.6%	6.4%	10.5%	12.1%	11.8%	11.5%	9.6%	7.3%	5.5%	22.6%	100%
Metro	3.5%	8.3%	12.2%	12.9%	11.9%	11.1%	8.9%	6.3%	4.8%	20.1%	100%
Statewide	4.6%	10.6%	14.3%	14.3%	12.7%	11.0%	8.3%	5.5%	4.0%	14.8%	100%

**3.7 EMV/Income Ratio**

	0.0-1.0	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	Over 9.0	Total
Arrowhead	11.9%	32.6%	23.3%	12.4%	6.5%	3.8%	2.3%	1.6%	1.1%	4.4%	100%
Central	4.7%	27.2%	31.0%	15.7%	7.8%	4.0%	2.5%	1.6%	1.1%	4.4%	100%
East Central	4.3%	24.7%	29.4%	16.1%	8.6%	4.9%	3.0%	2.1%	1.3%	5.5%	100%
Minnesota Valley	14.8%	36.6%	23.4%	10.4%	5.3%	2.9%	1.8%	1.1%	0.7%	3.1%	100%
North Central	6.5%	26.4%	24.4%	14.7%	8.3%	5.2%	3.4%	2.4%	1.7%	6.9%	100%
Northwest/Headwaters	14.8%	35.4%	22.4%	10.4%	5.7%	3.1%	2.0%	1.3%	0.9%	3.9%	100%
South Central	10.7%	33.9%	25.9%	12.6%	6.1%	3.3%	1.9%	1.2%	0.9%	3.5%	100%
Southeast	7.0%	31.8%	28.6%	13.9%	6.9%	3.8%	2.1%	1.4%	0.9%	3.6%	100%
Southwest	21.4%	39.6%	19.4%	8.3%	4.0%	2.2%	1.2%	0.9%	0.6%	2.5%	100%
West Central	8.3%	29.3%	26.1%	13.6%	7.4%	4.2%	2.8%	1.8%	1.2%	5.3%	100%
Greater Minnesota	9.1%	31.1%	26.4%	13.4%	6.9%	3.8%	2.3%	1.6%	1.1%	4.3%	100%
Anoka	2.5%	20.1%	31.4%	18.7%	9.9%	5.3%	3.2%	2.1%	1.4%	5.6%	100%
Carver/Scott	4.4%	23.6%	31.3%	17.0%	8.5%	4.4%	2.8%	1.7%	1.2%	5.1%	100%
Dakota	3.3%	21.3%	31.5%	18.2%	9.4%	4.9%	3.0%	1.9%	1.3%	5.3%	100%
Minneapolis	3.7%	20.5%	25.7%	16.3%	9.5%	5.9%	4.0%	2.8%	2.0%	9.7%	100%
North Hennepin	3.2%	23.1%	30.5%	17.4%	9.1%	5.0%	3.0%	2.0%	1.3%	5.5%	100%
Saint Paul	3.8%	23.1%	27.5%	17.2%	9.5%	5.4%	3.2%	2.3%	1.5%	6.6%	100%
Southeast Hennepin	4.5%	21.7%	27.1%	16.4%	9.6%	5.6%	3.6%	2.3%	1.8%	7.5%	100%
Southwest Hennepin	5.8%	22.4%	26.7%	16.0%	8.8%	5.2%	3.4%	2.2%	1.7%	7.6%	100%
Suburban Ramsey	3.6%	21.4%	29.5%	17.9%	9.5%	5.3%	3.3%	2.1%	1.5%	5.9%	100%
Washington	4.2%	21.4%	30.5%	17.8%	9.3%	5.1%	3.0%	1.9%	1.3%	5.5%	100%
Metro	3.8%	21.7%	29.4%	17.4%	9.3%	5.2%	3.2%	2.1%	1.5%	6.3%	100%
Statewide	6.3%	26.1%	28.0%	15.5%	8.2%	4.6%	2.8%	1.9%	1.3%	5.4%	100%

3.8 Burden After PTR

	0.0%- 1.0%	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%	Over 9.0%	Total
Arrowhead	19.0%	26.2%	29.0%	12.7%	4.9%	2.4%	1.3%	0.8%	0.6%	3.1%	100%
Central	4.6%	17.8%	43.3%	19.8%	6.6%	2.5%	1.3%	0.8%	0.5%	2.8%	100%
East Central	4.8%	15.4%	39.2%	20.7%	8.0%	3.7%	2.0%	1.3%	0.8%	4.1%	100%
Minnesota Valley	13.2%	30.8%	33.5%	12.1%	4.2%	1.8%	1.0%	0.7%	0.4%	2.4%	100%
North Central	14.2%	30.9%	32.1%	10.8%	4.2%	2.2%	1.2%	0.9%	0.6%	3.0%	100%
Northwest/Headwaters	17.6%	32.8%	28.9%	10.2%	3.7%	1.8%	1.1%	0.7%	0.5%	2.7%	100%
South Central	8.6%	25.8%	38.7%	14.6%	5.2%	2.2%	1.2%	0.6%	0.5%	2.6%	100%
Southeast	5.9%	23.1%	39.4%	17.4%	6.1%	2.6%	1.4%	0.8%	0.5%	2.7%	100%
Southwest	19.7%	38.7%	26.2%	7.4%	2.8%	1.4%	0.8%	0.6%	0.4%	2.0%	100%
West Central	10.9%	29.3%	34.5%	13.2%	4.7%	2.1%	1.2%	0.7%	0.5%	2.9%	100%
Greater Minnesota	10.5%	25.2%	36.0%	15.1%	5.4%	2.4%	1.3%	0.8%	0.5%	2.8%	100%
Anoka	2.8%	16.8%	46.4%	19.6%	6.1%	2.4%	1.3%	0.8%	0.5%	3.2%	100%
Carver/Scott	3.6%	16.0%	40.9%	21.9%	7.9%	3.1%	1.6%	0.9%	0.6%	3.5%	100%
Dakota	3.1%	16.0%	43.1%	21.9%	7.1%	2.8%	1.4%	0.8%	0.6%	3.2%	100%
Minneapolis	2.5%	12.5%	32.7%	22.2%	10.7%	5.5%	3.0%	2.0%	1.4%	7.5%	100%
North Hennepin	2.2%	11.5%	40.6%	24.7%	9.5%	3.8%	1.8%	1.1%	0.7%	4.2%	100%
Saint Paul	2.0%	10.5%	34.7%	23.5%	10.9%	5.7%	3.0%	2.0%	1.3%	6.3%	100%
Southeast Hennepin	3.1%	12.7%	34.8%	23.7%	10.5%	4.7%	2.4%	1.5%	1.0%	5.5%	100%
Southwest Hennepin	4.1%	15.3%	32.4%	22.5%	9.9%	4.7%	2.5%	1.6%	1.0%	6.0%	100%
Suburban Ramsey	2.3%	10.7%	37.0%	26.3%	10.4%	4.3%	2.1%	1.3%	0.8%	4.7%	100%
Washington	3.8%	15.2%	40.6%	22.9%	8.1%	3.0%	1.6%	0.9%	0.6%	3.3%	100%
Metro	3.0%	14.0%	39.0%	22.7%	8.9%	3.9%	2.0%	1.2%	0.8%	4.6%	100%
Statewide	6.5%	19.2%	37.6%	19.2%	7.3%	3.2%	1.7%	1.0%	0.7%	3.8%	100%

## 4 Property Tax Burden as a Percent of Income

The following tables present some detail on the relationship between income and property tax burden.

**Sections 4.1 and 4.2** present the median property tax burdens for various income ranges by region in Greater Minnesota and the Twin Cities Metropolitan Area (“Metro”), respectively.

The income ranges used in the Metro Area 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.”
- Greater Minnesota regions have one income range for “\$90,000 or more” while Metro Area regions have separate ranges for “\$90,000 to \$125,000” and “\$125,000 or more.”

The reason for this variation is that the income distribution of homesteads in Metro Area regions is quite different from the distribution in Greater Minnesota regions. Using different income ranges helps 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 4.3 and 4.4** show the number and percentage of homesteads with property taxes that exceed 5% of their total homestead income. As with the Median Values table in Section 1.7, these counts are reported both before and after the application of the property tax refund (PTR). This offers a sense of the importance of the PTR program in reducing property tax burdens in various regions and at various levels of income.

Only total counts are shown for homesteads in the “less than \$10,000” income range because their property tax burden tends to be overstated. The lowest range includes homesteads that had temporarily low incomes or better overall economic well-being than indicated by the money income they received in 2020. For example:

- Some retirees may have been living primarily on savings or other assets but reported small amounts of money income for the year.
- Due to unemployment or business fluctuations, some homesteads that would normally have higher incomes are also included in the “less than \$10,000” income range.
- A small portion of homesteads are in this income range only because they reported business losses or large capital losses for income tax purposes in 2020.

## 4.1 Greater Minnesota – Median Burden by Income

Homestead Income	Before PTR	After PTR	Homestead Income	Before PTR	After PTR
<b>Arrowhead</b>			<b>South Central</b>		
\$10,000 - \$30,000	4.1%	2.7%	\$10,000 - \$30,000	6.0%	3.2%
\$30,000 - \$45,000	3.1%	2.4%	\$30,000 - \$45,000	4.1%	2.8%
\$45,000 - \$65,000	2.6%	2.2%	\$45,000 - \$65,000	3.3%	2.5%
\$65,000 - \$90,000	2.3%	2.1%	\$65,000 - \$90,000	2.7%	2.3%
\$90,000 or more	1.9%	1.9%	\$90,000 or more	2.1%	2.1%
Regional Median	2.4%	2.2%	Regional Median	2.7%	2.4%
<b>Central</b>			<b>Southeast</b>		
\$10,000 - \$30,000	9.4%	4.1%	\$10,000 - \$30,000	7.2%	3.5%
\$30,000 - \$45,000	5.7%	3.4%	\$30,000 - \$45,000	4.6%	3.0%
\$45,000 - \$65,000	4.3%	2.9%	\$45,000 - \$65,000	3.7%	2.7%
\$65,000 - \$90,000	3.4%	2.6%	\$65,000 - \$90,000	3.0%	2.5%
\$90,000 or more	2.4%	2.3%	\$90,000 or more	2.3%	2.2%
Regional Median	3.1%	2.6%	Regional Median	2.9%	2.5%
<b>East Central</b>			<b>Southwest</b>		
\$10,000 - \$30,000	8.6%	3.9%	\$10,000 - \$30,000	3.6%	2.5%
\$30,000 - \$45,000	5.8%	3.4%	\$30,000 - \$45,000	2.4%	2.1%
\$45,000 - \$65,000	4.4%	3.0%	\$45,000 - \$65,000	2.0%	1.9%
\$65,000 - \$90,000	3.6%	2.7%	\$65,000 - \$90,000	1.7%	1.7%
\$90,000 or more	2.6%	2.4%	\$90,000 or more	1.4%	1.4%
Regional Median	3.4%	2.7%	Regional Median	1.9%	1.8%
<b>Minnesota Valley</b>			<b>West Central</b>		
\$10,000 - \$30,000	4.8%	2.8%	\$10,000 - \$30,000	5.6%	3.1%
\$30,000 - \$45,000	3.4%	2.5%	\$30,000 - \$45,000	3.7%	2.7%
\$45,000 - \$65,000	2.8%	2.3%	\$45,000 - \$65,000	3.0%	2.4%
\$65,000 - \$90,000	2.3%	2.1%	\$65,000 - \$90,000	2.5%	2.2%
\$90,000 or more	1.8%	1.8%	\$90,000 or more	1.9%	1.9%
Regional Median	2.4%	2.1%	Regional Median	2.5%	2.2%
<b>North Central</b>			<b>Greater Minnesota</b>		
\$10,000 - \$30,000	4.7%	2.8%	\$10,000 - \$30,000	5.8%	3.2%
\$30,000 - \$45,000	3.2%	2.5%	\$30,000 - \$45,000	4.0%	2.8%
\$45,000 - \$65,000	2.7%	2.2%	\$45,000 - \$65,000	3.3%	2.5%
\$65,000 - \$90,000	2.3%	2.1%	\$65,000 - \$90,000	2.8%	2.3%
\$90,000 or more	1.7%	1.7%	\$90,000 or more	2.1%	2.1%
Regional Median	2.4%	2.1%	Regional Median	2.7%	2.4%
<b>Northwest/Headwaters</b>			<b>Statewide</b>		
\$10,000 - \$30,000	4.1%	2.7%	\$10,000 - \$30,000	8.6%	4.0%
\$30,000 - \$45,000	2.8%	2.3%	\$30,000 - \$45,000	5.5%	3.3%
\$45,000 - \$65,000	2.4%	2.1%	\$45,000 - \$65,000	4.3%	2.9%
\$65,000 - \$90,000	2.1%	2.0%	\$65,000 - \$90,000	3.5%	2.7%
\$90,000 or more	1.6%	1.6%	\$90,000 or more	2.4%	2.4%
Regional Median	2.1%	2.0%	Statewide Median	3.1%	2.6%

## 4.2 Metro – Median Burden by Income

Homestead Income	Before PTR	After PTR	Homestead Income	Before PTR	After PTR
<b>Anoka</b>			<b>Southeast Hennepin</b>		
\$10,000 - \$45,000	7.7%	3.9%	\$10,000 - \$45,000	9.6%	4.5%
\$45,000 - \$65,000	4.6%	3.0%	\$45,000 - \$65,000	5.7%	3.4%
\$65,000 - \$90,000	3.5%	2.7%	\$65,000 - \$90,000	4.4%	3.0%
\$90,000 - \$125,000	2.8%	2.5%	\$90,000 - \$125,000	3.4%	2.9%
\$125,000 or more	2.0%	2.0%	\$125,000 or more	2.4%	2.4%
Regional Median	3.1%	2.6%	Regional Median	3.6%	3.0%
<b>Carver/Scott</b>			<b>Southwest Hennepin</b>		
\$10,000 - \$45,000	8.8%	4.3%	\$10,000 - \$45,000	10.6%	4.9%
\$45,000 - \$65,000	5.1%	3.2%	\$45,000 - \$65,000	6.1%	3.6%
\$65,000 - \$90,000	4.0%	2.9%	\$65,000 - \$90,000	4.7%	3.2%
\$90,000 - \$125,000	3.2%	2.8%	\$90,000 - \$125,000	3.8%	3.2%
\$125,000 or more	2.3%	2.3%	\$125,000 or more	2.4%	2.4%
Regional Median	3.1%	2.7%	Regional Median	3.3%	2.9%
<b>Dakota</b>			<b>Suburban Ramsey</b>		
\$10,000 - \$45,000	8.0%	4.0%	\$10,000 - \$45,000	9.4%	4.4%
\$45,000 - \$65,000	4.9%	3.1%	\$45,000 - \$65,000	5.6%	3.4%
\$65,000 - \$90,000	3.8%	2.8%	\$65,000 - \$90,000	4.4%	3.1%
\$90,000 - \$125,000	3.1%	2.7%	\$90,000 - \$125,000	3.4%	2.9%
\$125,000 or more	2.2%	2.2%	\$125,000 or more	2.4%	2.4%
Regional Median	3.2%	2.7%	Regional Median	3.7%	3.0%
<b>Minneapolis</b>			<b>Washington</b>		
\$10,000 - \$45,000	9.5%	4.7%	\$10,000 - \$45,000	8.9%	4.3%
\$45,000 - \$65,000	5.3%	3.4%	\$45,000 - \$65,000	5.2%	3.2%
\$65,000 - \$90,000	4.2%	3.0%	\$65,000 - \$90,000	4.0%	2.9%
\$90,000 - \$125,000	3.4%	2.9%	\$90,000 - \$125,000	3.2%	2.8%
\$125,000 or more	2.5%	2.5%	\$125,000 or more	2.3%	2.3%
Regional Median	3.8%	3.1%	Regional Median	3.2%	2.8%
<b>North Hennepin</b>			<b>Metro</b>		
\$10,000 - \$45,000	9.2%	4.3%	\$10,000 - \$45,000	8.8%	4.3%
\$45,000 - \$65,000	5.5%	3.3%	\$45,000 - \$65,000	5.2%	3.2%
\$65,000 - \$90,000	4.1%	3.0%	\$65,000 - \$90,000	4.0%	2.9%
\$90,000 - \$125,000	3.2%	2.8%	\$90,000 - \$125,000	3.2%	2.8%
\$125,000 or more	2.3%	2.3%	\$125,000 or more	2.3%	2.3%
Regional Median	3.6%	2.9%	Regional Median	3.4%	2.8%
<b>Saint Paul</b>			<b>Statewide</b>		
\$10,000 - \$45,000	8.4%	4.3%	\$10,000 - \$45,000	6.5%	3.5%
\$45,000 - \$65,000	5.0%	3.2%	\$45,000 - \$65,000	4.3%	2.9%
\$65,000 - \$90,000	3.9%	2.9%	\$65,000 - \$90,000	3.5%	2.7%
\$90,000 - \$125,000	3.2%	2.8%	\$90,000 - \$125,000	2.9%	2.6%
\$125,000 or more	2.6%	2.6%	\$125,000 or more	2.2%	2.2%
Regional Median	4.0%	3.1%	Statewide Median	3.1%	2.6%

## 4.3 Greater Minnesota – Burdens Greater than 5% by Income

Homestead Income	Homestead Count	Before PTR		After PTR	
		Count	Percent	Count	Percent
<b>Arrowhead</b>					
Less than \$10,000	1,793				
\$10,000 - \$30,000	11,507	4,998	43.4%	2,702	23.5%
\$30,000 - \$45,000	11,374	3,255	28.6%	1,134	10.0%
\$45,000 - \$65,000	15,620	2,612	16.7%	861	5.5%
\$65,000 - \$90,000	16,494	1,506	9.1%	542	3.3%
\$90,000 or more	31,199	948	3.0%	651	2.1%
Region Total	87,987	14,739	16.8%	7,172	8.2%
<b>Central</b>					
Less than \$10,000	1,133				
\$10,000 - \$30,000	6,825	5,681	83.2%	2,668	39.1%
\$30,000 - \$45,000	9,053	5,405	59.7%	1,669	18.4%
\$45,000 - \$65,000	15,334	5,427	35.4%	1,440	9.4%
\$65,000 - \$90,000	19,717	2,895	14.7%	883	4.5%
\$90,000 or more	53,298	1,249	2.3%	713	1.3%
Region Total	105,360	21,742	20.6%	8,370	7.9%
<b>East Central</b>					
Less than \$10,000	741				
\$10,000 - \$30,000	4,239	3,134	73.9%	1,617	38.1%
\$30,000 - \$45,000	4,709	2,835	60.2%	1,056	22.4%
\$45,000 - \$65,000	7,305	2,826	38.7%	903	12.4%
\$65,000 - \$90,000	8,261	1,322	16.0%	464	5.6%
\$90,000 or more	17,266	620	3.6%	384	2.2%
Region Total	42,521	11,428	26.9%	5,046	11.9%
<b>Minnesota Valley</b>					
Less than \$10,000	695				
\$10,000 - \$30,000	4,479	2,142	47.8%	895	20.0%
\$30,000 - \$45,000	5,076	1,470	29.0%	435	8.6%
\$45,000 - \$65,000	7,206	1,111	15.4%	325	4.5%
\$65,000 - \$90,000	7,793	500	6.4%	158	2.0%
\$90,000 or more	15,154	256	1.7%	163	1.1%
Region Total	40,403	6,080	15.0%	2,498	6.2%
<b>North Central</b>					
Less than \$10,000	984				
\$10,000 - \$30,000	6,035	2,812	46.6%	1,377	22.8%
\$30,000 - \$45,000	5,865	1,459	24.9%	518	8.8%
\$45,000 - \$65,000	7,558	980	13.0%	322	4.3%
\$65,000 - \$90,000	7,800	425	5.4%	186	2.4%
\$90,000 or more	13,642	256	1.9%	207	1.5%
Region Total	41,884	6,722	16.0%	3,297	7.9%
<b>Northwest/Headwaters</b>					
Less than \$10,000	802				
\$10,000 - \$30,000	4,639	1,904	41.0%	1,034	22.3%
\$30,000 - \$45,000	4,618	961	20.8%	382	8.3%
\$45,000 - \$65,000	6,422	714	11.1%	257	4.0%
\$65,000 - \$90,000	6,775	299	4.4%	133	2.0%
\$90,000 or more	13,145	116	0.9%	83	0.6%
Region Total	36,401	4,657	12.8%	2,485	6.8%



Homestead Income	Homestead Count	Before PTR		After PTR	
		Count	Percent	Count	Percent
<b>South Central</b>					
Less than \$10,000	831				
\$10,000 - \$30,000	5,428	3,247	59.8%	1,473	27.1%
\$30,000 - \$45,000	6,475	2,397	37.0%	758	11.7%
\$45,000 - \$65,000	9,871	1,813	18.4%	470	4.8%
\$65,000 - \$90,000	10,460	897	8.6%	282	2.7%
\$90,000 or more	21,797	439	2.0%	254	1.2%
Region Total	54,862	9,556	17.4%	3,918	7.1%
<b>Southeast</b>					
Less than \$10,000	1,552				
\$10,000 - \$30,000	10,411	7,140	68.6%	3,340	32.1%
\$30,000 - \$45,000	12,967	5,839	45.0%	1,920	14.8%
\$45,000 - \$65,000	19,903	4,988	25.1%	1,460	7.3%
\$65,000 - \$90,000	22,195	2,583	11.6%	970	4.4%
\$90,000 or more	55,576	1,361	2.4%	874	1.6%
Region Total	122,604	23,387	19.1%	9,909	8.1%
<b>Southwest</b>					
Less than \$10,000	577				
\$10,000 - \$30,000	3,492	1,144	32.8%	585	16.8%
\$30,000 - \$45,000	3,547	478	13.5%	165	4.7%
\$45,000 - \$65,000	4,686	267	5.7%	112	2.4%
\$65,000 - \$90,000	4,811	109	2.3%	50	1.0%
\$90,000 or more	8,860	61	0.7%	29	0.3%
Region Total	25,973	2,541	9.8%	1,350	5.2%
<b>West Central</b>					
Less than \$10,000	1,053				
\$10,000 - \$30,000	5,792	3,208	55.4%	1,518	26.2%
\$30,000 - \$45,000	6,301	2,057	32.6%	710	11.3%
\$45,000 - \$65,000	9,482	1,596	16.8%	488	5.1%
\$65,000 - \$90,000	10,556	809	7.7%	308	2.9%
\$90,000 or more	22,622	439	1.9%	273	1.2%
Region Total	55,806	9,056	16.2%	4,120	7.4%
<b>Greater Minnesota</b>					
Less than \$10,000	10,161				
\$10,000 - \$30,000	62,847	35,410	56.3%	17,209	27.4%
\$30,000 - \$45,000	69,985	26,156	37.4%	8,747	12.5%
\$45,000 - \$65,000	103,387	22,334	21.6%	6,638	6.4%
\$65,000 - \$90,000	114,862	11,345	9.9%	3,976	3.5%
\$90,000 or more	252,559	5,745	2.3%	3,631	1.4%
Greater MN Total	613,801	109,908	17.9%	48,165	7.8%
<b>Statewide</b>					
Less than \$10,000	18,573				
\$10,000 - \$30,000	104,768	74,786	71.4%	39,691	37.9%
\$30,000 - \$45,000	123,285	69,374	56.3%	24,411	19.8%
\$45,000 - \$65,000	193,670	71,275	36.8%	21,929	11.3%
\$65,000 - \$90,000	227,289	39,647	17.4%	14,684	6.5%
\$90,000 or more	659,465	27,954	4.2%	20,259	3.1%
Total	1,327,050	300,270	22.6%	136,952	10.3%

## 4.4 Metro – Burdens Greater than 5% by Income

Homestead Income	Homestead Count	Before PTR		After PTR	
		Count	Percent	Count	Percent
<b>Anoka</b>					
Less than \$10,000	973				
\$10,000 - \$45,000	12,781	10,907	85.3%	4,208	32.9%
\$45,000 - \$65,000	13,062	4,989	38.2%	1,303	10.0%
\$65,000 - \$90,000	16,575	1,810	10.9%	580	3.5%
\$90,000 - \$125,000	19,796	619	3.1%	341	1.7%
\$125,000 or more	26,929	132	0.5%	129	0.5%
Region Total	90,116	19,416	21.5%	7,478	8.3%
<b>Carver/Scott</b>					
Less than \$10,000	603				
\$10,000 - \$45,000	5,793	5,068	87.5%	2,302	39.7%
\$45,000 - \$65,000	6,447	3,347	51.9%	1,028	15.9%
\$65,000 - \$90,000	9,024	2,364	26.2%	918	10.2%
\$90,000 - \$125,000	12,799	1,198	9.4%	719	5.6%
\$125,000 or more	28,963	611	2.1%	596	2.1%
Region Total	63,629	13,185	20.7%	6,143	9.7%
<b>Dakota</b>					
Less than \$10,000	1,025				
\$10,000 - \$45,000	12,520	10,259	81.9%	4,454	35.6%
\$45,000 - \$65,000	13,123	6,128	46.7%	1,714	13.1%
\$65,000 - \$90,000	16,939	3,411	20.1%	1,112	6.6%
\$90,000 - \$125,000	22,045	1,476	6.7%	786	3.6%
\$125,000 or more	40,809	357	0.9%	343	0.8%
Region Total	106,461	22,649	21.3%	9,396	8.8%
<b>Minneapolis</b>					
Less than \$10,000	1,241				
\$10,000 - \$45,000	12,096	10,407	86.0%	5,542	45.8%
\$45,000 - \$65,000	8,879	4,968	56.0%	1,922	21.6%
\$65,000 - \$90,000	10,223	3,252	31.8%	1,501	14.7%
\$90,000 - \$125,000	11,327	1,975	17.4%	1,377	12.2%
\$125,000 or more	22,996	1,460	6.3%	1,437	6.2%
Region Total	66,762	23,290	34.9%	12,937	19.4%
<b>North Hennepin</b>					
Less than \$10,000	773				
\$10,000 - \$45,000	10,242	9,347	91.3%	4,032	39.4%
\$45,000 - \$65,000	10,124	6,430	63.5%	1,832	18.1%
\$65,000 - \$90,000	12,427	2,989	24.1%	959	7.7%
\$90,000 - \$125,000	14,888	1,222	8.2%	665	4.5%
\$125,000 or more	24,964	322	1.3%	304	1.2%
Region Total	73,418	21,072	28.7%	8,535	11.6%
<b>Saint Paul</b>					
Less than \$10,000	867				
\$10,000 - \$45,000	10,188	8,898	87.3%	4,251	41.7%
\$45,000 - \$65,000	8,505	4,257	50.1%	1,560	18.3%
\$65,000 - \$90,000	8,920	2,166	24.3%	1,006	11.3%
\$90,000 - \$125,000	8,800	1,360	15.5%	955	10.9%
\$125,000 or more	14,144	891	6.3%	878	6.2%
Region Total	51,424	18,430	35.8%	9,462	18.4%

Homestead Income	Homestead Count	Before PTR		After PTR	
		Count	Percent	Count	Percent
<b>Southeast Hennepin</b>					
Less than \$10,000	809				
\$10,000 - \$45,000	9,331	7,990	85.6%	3,849	41.2%
\$45,000 - \$65,000	8,000	5,279	66.0%	1,639	20.5%
\$65,000 - \$90,000	9,727	3,143	32.3%	1,242	12.8%
\$90,000 - \$125,000	11,524	1,667	14.5%	1,079	9.4%
\$125,000 or more	24,828	1,209	4.9%	1,186	4.8%
Region Total	64,219	20,084	31.3%	9,771	15.2%
<b>Southwest Hennepin</b>					
Less than \$10,000	855				
\$10,000 - \$45,000	6,592	5,833	88.5%	3,240	49.2%
\$45,000 - \$65,000	6,104	4,035	66.1%	1,582	25.9%
\$65,000 - \$90,000	7,895	3,487	44.2%	1,494	18.9%
\$90,000 - \$125,000	10,477	2,335	22.3%	1,580	15.1%
\$125,000 or more	35,602	1,942	5.5%	1,922	5.4%
Region Total	67,525	18,481	27.4%	10,652	15.8%
<b>Suburban Ramsey</b>					
Less than \$10,000	604				
\$10,000 - \$45,000	8,419	7,370	87.5%	3,379	40.1%
\$45,000 - \$65,000	8,099	5,250	64.8%	1,532	18.9%
\$65,000 - \$90,000	10,071	3,081	30.6%	1,018	10.1%
\$90,000 - \$125,000	12,426	1,287	10.4%	733	5.9%
\$125,000 or more	19,776	584	3.0%	573	2.9%
Region Total	59,395	18,165	30.6%	7,803	13.1%
<b>Washington</b>					
Less than \$10,000	662				
\$10,000 - \$45,000	7,259	6,515	89.8%	2,889	39.8%
\$45,000 - \$65,000	7,940	4,258	53.6%	1,179	14.8%
\$65,000 - \$90,000	10,626	2,599	24.5%	878	8.3%
\$90,000 - \$125,000	14,053	1,172	8.3%	655	4.7%
\$125,000 or more	29,760	390	1.3%	370	1.2%
Region Total	70,300	15,590	22.2%	6,610	9.4%
<b>Metro</b>					
Less than \$10,000	8,412				
\$10,000 - \$45,000	95,221	82,594	86.7%	38,146	40.1%
\$45,000 - \$65,000	90,283	48,941	54.2%	15,291	16.9%
\$65,000 - \$90,000	112,427	28,302	25.2%	10,708	9.5%
\$90,000 - \$125,000	138,135	14,311	10.4%	8,890	6.4%
\$125,000 or more	268,771	7,898	2.9%	7,738	2.9%
Metro Total	713,249	190,362	26.7%	88,787	12.4%
<b>Statewide</b>					
Less than \$10,000	18,573				
\$10,000 - \$45,000	228,053	144,160	63.2%	64,102	28.1%
\$45,000 - \$65,000	193,670	71,275	36.8%	21,929	11.3%
\$65,000 - \$90,000	227,289	39,647	17.4%	14,684	6.5%
\$90,000 - \$125,000	259,180	18,927	7.3%	11,441	4.4%
\$125,000 or more	400,285	9,027	2.3%	8,818	2.2%
Total	1,327,050	300,270	22.6%	136,952	10.3%