

**Comparison of estimated costs with water and sewer charges**

<b>Appendix L - Table 8</b>													
County	City/Township Name	2000 Population	Households*	Water expenses, operating**	Water expenses, nonoperating	Water expenses, total	Sewer expenses, operating	Sewer expenses, nonoperating	Sewer expenses, total	Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household	Estimated MS4 cost
	EPA's cost per household estimate =	9.16											
	CPI 1998 =	163											
	CPI 2002 =	179.9											
	Cost/household adjusted to 2002 =	\$ 10.11											
	No. of municipalities with estimates	154											
	No. of municipalities without estimates	43											
	Number with costs > 3% of revenue	1	0.6%										
	Number with costs > 1% of revenue	28	18.2%										
	Number with costs from 0.5% to 1%	84	54.5%										
	Number with costs < 0.5%	41	26.6%										
Lyon	Marshall	12,735	5,054	\$ 2,852,001	\$ 679,554	\$ 3,531,555	\$ 2,218,440	\$ 836,700	\$ 3,055,140	\$ 699	\$ 605	\$ 1,303	\$ 51,090
Washington	Forest Lake	6,798	2,698	\$ 2,415,101	\$ 321,967	\$ 2,737,068			\$ -	\$ 1,015	\$ -	\$ 1,015	\$ 27,272
Polk	East Grand Forks	7,501	2,977	\$ 1,690,937	\$ 1,618	\$ 1,692,555	\$ 416,581	\$ 739,155	\$ 1,155,736	\$ 569	\$ 388	\$ 957	\$ 30,092
Brown	New Ulm	13,594	5,394	\$ 1,874,292	\$ 480,418	\$ 2,354,710	\$ 1,982,115	\$ 230,660	\$ 2,212,775	\$ 437	\$ 410	\$ 847	\$ 54,536
Wright	Buffalo	10,097	4,007	\$ 987,339	\$ 284,548	\$ 1,271,887	\$ 1,243,824	\$ 988,455	\$ 2,232,279	\$ 317	\$ 557	\$ 875	\$ 40,507
St. Louis	Proctor	2,852	1,132	\$ 399,820		\$ 399,820	\$ 449,471		\$ 449,471	\$ 353	\$ 397	\$ 750	\$ 11,442
Carver	Carver	1,266	502	\$ 148,812	\$ 16,281	\$ 165,093	\$ 223,995	\$ 58,393	\$ 282,388	\$ 329	\$ 562	\$ 891	\$ 5,079
Blue Earth	Mankato	32,427	12,868	\$ 3,766,199	\$ 290,041	\$ 4,056,240	\$ 3,804,345	\$ 792,453	\$ 4,596,798	\$ 315	\$ 357	\$ 672	\$ 130,090
St. Louis	Duluth	86,918	34,491	\$ 7,829,235	\$ 346,417	\$ 8,175,652	\$ 14,537,056	\$ 311,541	\$ 14,848,597	\$ 237	\$ 431	\$ 668	\$ 348,697
Carlton	Cloquet	11,201	4,445	\$ 2,001,156		\$ 2,001,156	\$ 921,194		\$ 921,194	\$ 450	\$ 207	\$ 657	\$ 44,936
Nobles	Worthington	11,283	4,477	\$ 1,236,343	\$ 112,481	\$ 1,348,824	\$ 1,456,025	\$ 62,242	\$ 1,518,267	\$ 301	\$ 339	\$ 640	\$ 45,265
Beltrami	Bemidji	11,917	4,729	\$ 829,316	\$ 165,800	\$ 995,116	\$ 1,757,251	\$ 1,376	\$ 1,758,627	\$ 210	\$ 372	\$ 582	\$ 47,809
Clay	Moorhead	32,177	12,769	\$ 2,542,534	\$ 999,306	\$ 3,541,840	\$ 3,835,799	\$ 322,390	\$ 4,158,189	\$ 277	\$ 326	\$ 603	\$ 129,087
Freeborn	Albert Lea	18,356	7,284	\$ 992,001	\$ 4,620	\$ 996,621	\$ 3,168,235	\$ 128,183	\$ 3,296,418	\$ 137	\$ 453	\$ 589	\$ 73,640
Hennepin	Minneapolis (Phase I)	382,618	151,833	\$ 41,683,000	\$ 3,285,000	\$ 44,968,000	\$ 43,487,000	\$ 2,555,000	\$ 46,042,000	\$ 296	\$ 303	\$ 599	\$ 1,534,984
Anoka	Hilltop	766	304	\$ 156,178		\$ 156,178			\$ -	\$ 514	\$ -	\$ 514	\$ 3,073
Wright	Hutchinson	13,080	5,190	\$ 821,666	\$ 18,884	\$ 840,550	\$ 2,161,203	\$ 167,614	\$ 2,328,817	\$ 162	\$ 449	\$ 611	\$ 52,474
Mower	Austin	23,314	9,252	\$ 1,699,815		\$ 1,699,815	\$ 3,106,574	\$ 314,550	\$ 3,421,124	\$ 184	\$ 370	\$ 554	\$ 93,531
Hennepin	Wayzata	4,113	1,632	\$ 667,507		\$ 667,507	\$ 547,355		\$ 547,355	\$ 409	\$ 335	\$ 744	\$ 16,501
Otter Tail	Fergus Falls	13,471	5,346	\$ 1,065,899		\$ 1,065,899	\$ 1,574,229	\$ 161,060	\$ 1,735,289	\$ 199	\$ 325	\$ 524	\$ 54,043
Hennepin	Spring Park	1,717	681	\$ 142,621		\$ 142,621	\$ 232,634		\$ 232,634	\$ 209	\$ 341	\$ 551	\$ 6,888
Ramsey	St. Paul (Phase I)	287,151	113,949	\$ 28,057,159	\$ 1,803,119	\$ 29,860,278	\$ 25,246,263	\$ 3,136,549	\$ 28,382,812	\$ 262	\$ 249	\$ 511	\$ 1,151,990
Benton	St. Cloud (Multi-County)	6,391	2,536	\$ 4,647,012	\$ 2,432,022	\$ 7,079,034	\$ 4,244,214	\$ 280,965	\$ 4,525,179	\$ 302	\$ 193	\$ 495	\$ 237,125
Hennepin	Golden Valley	20,281	8,048	\$ 5,217,246		\$ 5,217,246			\$ -	\$ 648	\$ -	\$ 648	\$ 81,363
Kandiyohi	Wilmar	18,351	7,282	\$ 1,360,177	\$ 11,994	\$ 1,372,171	\$ 2,036,062		\$ 2,036,062	\$ 188	\$ 280	\$ 468	\$ 73,620
St. Louis	Hibbing	17,071	6,774	\$ 1,494,808		\$ 1,494,808	\$ 1,517,964	\$ 56,692	\$ 1,574,656	\$ 221	\$ 232	\$ 453	\$ 68,485
Ramsey	Roseville	33,690	13,369	\$ 4,202,803		\$ 4,202,803	\$ 3,096,717		\$ 3,096,717	\$ 314	\$ 232	\$ 546	\$ 135,157
Crow Wing	Brainerd	13,178	5,229	\$ 1,043,680		\$ 1,043,680	\$ 1,002,555		\$ 1,002,555	\$ 200	\$ 192	\$ 391	\$ 52,867
Ramsey	Little Canada	9,771	3,877	\$ 1,051,220		\$ 1,051,220	\$ 899,789		\$ 899,789	\$ 271	\$ 232	\$ 503	\$ 39,199
Goodhue	Red Wing	16,116	6,395	\$ 1,168,414		\$ 1,168,414	\$ 1,863,868		\$ 1,863,868	\$ 183	\$ 291	\$ 474	\$ 64,654
Hennepin	Excelsior	2,393	950	\$ 215,296		\$ 215,296	\$ 224,225		\$ 224,225	\$ 227	\$ 236	\$ 463	\$ 9,600
Anoka	Fridley	27,449	10,892	\$ 5,148,461	\$ 181,797	\$ 5,330,258			\$ -	\$ 489	\$ -	\$ 489	\$ 110,120
Hennepin	Loretto	570	226	\$ 44,720	\$ 10,034	\$ 54,754	\$ 59,036		\$ 59,036	\$ 242	\$ 261	\$ 503	\$ 2,287
Sherburne	Big Lake	6,063	2,406	\$ 293,437	\$ 6,189	\$ 299,626	\$ 547,965	\$ 300,777	\$ 848,742	\$ 125	\$ 353	\$ 477	\$ 24,323
Hennepin	Long Lake	1,842	731	\$ 124,237		\$ 124,237	\$ 243,573		\$ 243,573	\$ 170	\$ 333	\$ 503	\$ 7,390
Blue Earth	North Mankato	11,798	4,682	\$ 725,969	\$ 21,959	\$ 747,928	\$ 1,289,676	\$ 105,557	\$ 1,395,233	\$ 160	\$ 298	\$ 458	\$ 47,331
Hennepin	Tonka Bay	1,547	614	\$ 196,254		\$ 196,254	\$ 222,535		\$ 222,535	\$ 320	\$ 363	\$ 682	\$ 6,206
Hennepin	New Hope	20,873	8,283	\$ 3,573,374	\$ 78,882	\$ 3,652,256			\$ -	\$ 441	\$ -	\$ 441	\$ 83,738
Rice	Faribault	20,818	8,261	\$ 1,037,504	\$ 55,110	\$ 1,092,614	\$ 1,930,546	\$ 311,952	\$ 2,242,498	\$ 132	\$ 271	\$ 404	\$ 83,518
Winona	Winona	27,069	10,742	\$ 1,525,042	\$ 293,053	\$ 1,818,095	\$ 1,715,378	\$ 210,374	\$ 1,925,752	\$ 169	\$ 179	\$ 349	\$ 108,595
Washington	Willernie	549	218	\$ 50,012	\$ 51	\$ 50,063	\$ 36,785	\$ 23	\$ 36,808	\$ 230	\$ 169	\$ 399	\$ 2,202
Ramsey	Arden Hills	9,652	3,830	\$ 1,066,811		\$ 1,066,811	\$ 981,246		\$ 981,246	\$ 279	\$ 256	\$ 535	\$ 38,722
Hennepin	Bloomington	85,172	33,798	\$ 15,920,981		\$ 15,920,981			\$ -	\$ 471	\$ -	\$ 471	\$ 341,692
Hennepin	Hopkins	17,145	6,804	\$ 969,477	\$ 181,049	\$ 1,150,526	\$ 1,372,191		\$ 1,372,191	\$ 169	\$ 202	\$ 371	\$ 68,782
Anoka	Anoka	18,076	7,173	\$ 1,116,321	\$ 47,863	\$ 1,164,184	\$ 1,539,488	\$ 109,850	\$ 1,649,338	\$ 162	\$ 230	\$ 392	\$ 72,517
Anoka	Columbia Heights	18,520	7,349	\$ 1,578,627	\$ 40,190	\$ 1,618,817	\$ 1,075,520	\$ 10,582	\$ 1,086,102	\$ 220	\$ 148	\$ 368	\$ 74,298
Hennepin	St. Bonifacius	1,873	743	\$ 139,358	\$ 29,363	\$ 168,721	\$ 142,197	\$ 68,662	\$ 210,859	\$ 227	\$ 284	\$ 511	\$ 7,514
Washington	Landfall	700	278	\$ 36,898		\$ 36,898	\$ 27,984	\$ 16,805	\$ 44,789	\$ 133	\$ 161	\$ 294	\$ 2,808

**Comparison of estimated costs with water and sewer charges**

County	City/Township Name	2000 Population	Households*	Water expenses, operating**	Water expenses, nonoperating	Water expenses, total	Sewer expenses, operating	Sewer expenses, nonoperating	Sewer expenses, total	Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household	Estimated MS4 cost
Hennepin	Maple Plain	2,088	829	\$ 47,922		\$ 47,922	\$ 294,891		\$ 294,891	\$ 58	\$ 356	\$ 414	\$ 8,377
Dakota	South St. Paul	20,167	8,003	\$ 792,490	\$ 8,219	\$ 800,709	\$ 2,137,588		\$ 2,137,588	\$ 100	\$ 267	\$ 367	\$ 80,906
Houston	La Crescent	4,923	1,954	\$ 294,314	\$ 58,817	\$ 353,131	\$ 358,981		\$ 358,981	\$ 181	\$ 184	\$ 365	\$ 19,750
Olmsted	Rochester	85,806	34,050	\$ 4,228,788	\$ 1,747	\$ 4,230,535	\$ 8,276,508	\$ 542,411	\$ 8,818,919	\$ 124	\$ 259	\$ 383	\$ 344,236
Steele	Owatonna	22,434	8,902	\$ 1,643,549	\$ 233,547	\$ 1,877,096	\$ 1,302,086		\$ 1,302,086	\$ 211	\$ 146	\$ 357	\$ 90,001
Washington	Stillwater	15,143	6,009	\$ 885,067	\$ 55,135	\$ 940,202	\$ 1,622,736	\$ 4,421	\$ 1,627,157	\$ 156	\$ 271	\$ 427	\$ 60,751
Ramsey	New Brighton	22,206	8,812	\$ 1,405,465	\$ 24,053	\$ 1,429,518	\$ 2,089,059	\$ 8,610	\$ 2,097,669	\$ 162	\$ 238	\$ 400	\$ 89,086
Ramsey	Mounds View	12,738	5,055	\$ 734,145	\$ 119,291	\$ 853,436	\$ 1,138,369		\$ 1,138,369	\$ 169	\$ 225	\$ 394	\$ 51,102
Rice	Northfield	17,147	6,804	\$ 816,270	\$ 20,923	\$ 837,193	\$ 1,597,076	\$ 107,619	\$ 1,704,695	\$ 123	\$ 251	\$ 374	\$ 68,790
Benton	Sauk Rapids	10,213	4,053	\$ 527,335	\$ 11,018	\$ 538,353	\$ 801,802	\$ 21,965	\$ 823,767	\$ 133	\$ 203	\$ 336	\$ 40,972
Hennepin	Crystal	22,698	9,007	\$ 1,684,861		\$ 1,684,861	\$ 1,466,274	\$ 11,319	\$ 1,477,593	\$ 187	\$ 164	\$ 351	\$ 91,060
Dakota	Hastings	18,201	7,223	\$ 1,473,072	\$ 52,516	\$ 1,525,588	\$ 1,178,631	\$ 22,144	\$ 1,200,775	\$ 211	\$ 166	\$ 377	\$ 73,019
Scott	Shakopee	20,568	8,162	\$ 1,432,719	\$ 124,071	\$ 1,556,790	\$ 1,806,309		\$ 1,806,309	\$ 191	\$ 221	\$ 412	\$ 82,515
Ramsey	North St. Paul	11,929	4,734	\$ 721,219	\$ 30,963	\$ 752,182	\$ 918,216	\$ 30,963	\$ 949,179	\$ 159	\$ 201	\$ 359	\$ 47,857
Hennepin	Richfield	34,439	13,666	\$ 4,425,159		\$ 4,425,159			\$ -	\$ 324	\$ -	\$ 324	\$ 138,162
Hennepin	Minnetonka	51,301	20,358	\$ 9,209,887	\$ 450,493	\$ 9,660,380			\$ -	\$ 475	\$ -	\$ 475	\$ 205,809
Scott	Savage	21,115	8,379	\$ 3,568,676	\$ 674,188	\$ 4,242,864			\$ -	\$ 506	\$ -	\$ 506	\$ 84,709
Martin	Fairmont	10,889	4,321	\$ 1,064,252	\$ 46	\$ 1,064,298			\$ -	\$ 246	\$ -	\$ 246	\$ 43,684
Washington	Newport	3,715	1,474	\$ 162,051		\$ 162,051	\$ 299,905		\$ 299,905	\$ 110	\$ 203	\$ 313	\$ 14,904
Hennepin	St. Louis Park	44,126	17,510	\$ 2,531,179		\$ 2,531,179	\$ 3,347,446	\$ 10,478	\$ 3,357,924	\$ 145	\$ 192	\$ 336	\$ 177,024
Washington	Oakdale	26,663	10,577	\$ 1,723,104	\$ 27,205	\$ 1,750,309	\$ 2,219,888	\$ 10,077	\$ 2,229,965	\$ 165	\$ 211	\$ 376	\$ 106,926
Hennepin	Robbinsdale	14,123	5,604	\$ 752,004	\$ 11,943	\$ 763,947	\$ 1,060,655	\$ 3,232	\$ 1,063,887	\$ 136	\$ 190	\$ 326	\$ 56,659
Washington	St. Paul Park	5,070	2,012	\$ 300,076	\$ 18,596	\$ 318,672	\$ 368,925		\$ 368,925	\$ 158	\$ 183	\$ 342	\$ 20,340
Stearns	St. Joseph	4,681	1,858	\$ 175,021		\$ 175,021	\$ 316,665		\$ 316,665	\$ 94	\$ 170	\$ 265	\$ 18,779
Hennepin	Mound	9,435	3,744	\$ 494,771	\$ 33,198	\$ 527,969	\$ 928,175	\$ 24,423	\$ 952,598	\$ 141	\$ 254	\$ 395	\$ 37,851
Hennepin	Brooklyn Center	29,172	11,576	\$ 1,373,941		\$ 1,373,941	\$ 2,016,942		\$ 2,016,942	\$ 119	\$ 174	\$ 293	\$ 117,032
Benton	Sartell (Multi-County)	2,011	798	\$ 1,279,831		\$ 1,279,831			\$ -	\$ 335	\$ -	\$ 335	\$ 38,678
Clay	Dilworth	3,001	1,191	\$ 247,230	\$ 8,975	\$ 256,205			\$ -	\$ 215	\$ -	\$ 215	\$ 12,039
Anoka	Lexington	2,214	879	\$ 88,496		\$ 88,496	\$ 136,876		\$ 136,876	\$ 101	\$ 156	\$ 257	\$ 8,882
Dakota	Farmington	12,365	4,907	\$ 708,044	\$ 89,366	\$ 797,410	\$ 939,930	\$ 109,608	\$ 1,049,538	\$ 163	\$ 214	\$ 376	\$ 49,606
Dakota	Rosemount	14,619	5,801	\$ 894,781	\$ 103,843	\$ 998,624	\$ 1,304,633	\$ 5,845	\$ 1,310,478	\$ 172	\$ 226	\$ 398	\$ 58,648
Hennepin	Brooklyn Park	67,388	26,741	\$ 4,130,086	\$ 631,534	\$ 4,761,620	\$ 4,012,367		\$ 4,012,367	\$ 178	\$ 150	\$ 328	\$ 270,347
Carver	Chaska	17,449	6,924	\$ 874,348	\$ 20,989	\$ 895,337	\$ 1,528,918		\$ 1,528,918	\$ 129	\$ 221	\$ 350	\$ 70,002
Hennepin	Edina	47,425	18,819	\$ 7,062,630	\$ 187,359	\$ 7,249,989			\$ -	\$ 385	\$ -	\$ 385	\$ 190,259
Ramsey	Vadnais Heights	13,069	5,186	\$ 783,603		\$ 783,603	\$ 1,002,065		\$ 1,002,065	\$ 151	\$ 193	\$ 344	\$ 52,430
Dakota	Burnsville	60,220	23,897	\$ 3,476,253	\$ 656	\$ 3,476,909	\$ 4,253,277	\$ 437	\$ 4,253,714	\$ 145	\$ 178	\$ 323	\$ 241,590
Dakota	West St. Paul	19,405	7,700			\$ -	\$ 1,572,434	\$ 94,670	\$ 1,667,104	\$ -	\$ 216	\$ 216	\$ 77,849
Ramsey	White Bear Lake (Multi-County)	23,974	9,513	\$ 1,067,987		\$ 1,067,987	\$ 1,703,998		\$ 1,703,998	\$ 111	\$ 177	\$ 287	\$ 97,587
Carver	Chanhassen	20,321	8,064	\$ 3,589,339	\$ 237,389	\$ 3,826,728			\$ -	\$ 475	\$ -	\$ 475	\$ 81,524
Anoka	Coon Rapids	61,607	24,447	\$ 2,665,052	\$ 528,844	\$ 3,193,896	\$ 3,780,145		\$ 3,780,145	\$ 131	\$ 155	\$ 285	\$ 247,155
Wright	St. Michael	9,099	3,611	\$ 301,428		\$ 301,428	\$ 795,410	\$ 253,352	\$ 1,048,762	\$ 83	\$ 290	\$ 374	\$ 36,503
Hennepin	Champlin	22,193	8,807	\$ 1,576,128	\$ 212,729	\$ 1,788,857	\$ 1,254,268		\$ 1,254,268	\$ 203	\$ 142	\$ 346	\$ 89,034
Anoka	Circle Pines	4,663	1,850	\$ 270,759		\$ 270,759	\$ 294,632		\$ 294,632	\$ 146	\$ 159	\$ 306	\$ 18,707
Hennepin	Eden Prairie	54,901	21,786	\$ 5,139,460	\$ 2,112	\$ 5,141,572	\$ 3,880,771		\$ 3,880,771	\$ 236	\$ 178	\$ 414	\$ 220,251
Ramsey	Shoreview	25,924	10,287	\$ 1,418,297	\$ 124,750	\$ 1,543,047	\$ 2,138,033	\$ 9,489	\$ 2,147,522	\$ 150	\$ 209	\$ 359	\$ 104,002
Washington	Mahtomedi	7,563	3,001	\$ 484,956	\$ 27,023	\$ 511,979	\$ 607,730		\$ 607,730	\$ 171	\$ 202	\$ 373	\$ 30,341
Dakota	Inver Grove Heights	29,751	11,806	\$ 1,634,254	\$ 68,952	\$ 1,703,206	\$ 1,732,399		\$ 1,732,399	\$ 144	\$ 147	\$ 291	\$ 119,355
Sherburne	Elk River	16,447	6,527	\$ 715,638	\$ 172,952	\$ 888,590	\$ 786,197	\$ 174,220	\$ 960,417	\$ 136	\$ 147	\$ 283	\$ 65,982
Anoka	Blaine (Multi-County)	44,942	17,834	\$ 1,993,651	\$ 42,279	\$ 2,035,930	\$ 3,046,084	\$ 473	\$ 3,046,557	\$ 114	\$ 171	\$ 285	\$ 180,298
Ramsey	Maplewood	34,947	13,868			\$ -	\$ 3,148,415	\$ 6,456	\$ 3,154,871	\$ -	\$ 227	\$ 227	\$ 140,200
Anoka	Centerville	3,202	1,271	\$ 154,722	\$ 12,849	\$ 167,571	\$ 188,248	\$ 15,704	\$ 203,952	\$ 132	\$ 161	\$ 292	\$ 12,846
Dakota	Lilydale	552	219			\$ -	\$ 49,964		\$ 49,964	\$ -	\$ 228	\$ 228	\$ 2,215
Dakota	Eagan	63,557	25,221	\$ 3,210,590	\$ 344,404	\$ 3,554,994	\$ 4,152,439		\$ 4,152,439	\$ 141	\$ 165	\$ 306	\$ 254,978
Washington	Hugo	6,363	2,525	\$ 625,169	\$ 67,417	\$ 692,586			\$ -	\$ 274	\$ -	\$ 274	\$ 25,527
Washington	Birchwood Village	968	384	\$ 43,746		\$ 43,746	\$ 104,764		\$ 104,764	\$ 114	\$ 273	\$ 387	\$ 3,883
Hennepin	Maple Grove	50,365	19,986	\$ 2,762,708	\$ 139,606	\$ 2,902,314	\$ 4,041,324		\$ 4,041,324	\$ 145	\$ 202	\$ 347	\$ 202,054
Scott	Prior Lake	15,917	6,316	\$ 857,427		\$ 857,427	\$ 1,247,047		\$ 1,247,047	\$ 136	\$ 197	\$ 333	\$ 63,856
Washington	Woodbury	46,463	18,438	\$ 2,525,923	\$ 103,060	\$ 2,628,983	\$ 3,598,110		\$ 3,598,110	\$ 143	\$ 195	\$ 338	\$ 186,400
Dakota	Lakeville	43,128	17,114	\$ 2,581,976		\$ 2,581,976	\$ 2,799,886		\$ 2,799,886	\$ 151	\$ 164	\$ 314	\$ 173,021
Hennepin	Plymouth	65,894	26,148	\$ 3,635,795	\$ 13,176	\$ 3,648,971	\$ 5,126,770		\$ 5,126,770	\$ 140	\$ 196	\$ 336	\$ 264,353
Washington	Lake Elmo	6,863	2,723	\$ 141,881		\$ 141,881	\$ 599,751	\$ 147,048	\$ 746,799	\$ 52	\$ 274	\$ 326	\$ 27,533
Dakota	Apple Valley	45,527	18,066	\$ 4,963,057	\$ 59,570	\$ 5,022,627			\$ -	\$ 278	\$ -	\$ 278	\$ 182,645



**Comparison of estimated costs with water and sewer charges**

<b>Appendix L - Table 8</b>								
County	City/Township Name	Median household income (1999)	2.5% of median household income	Estimated median of 1st quintile***	2.5% (est.) of MHI in 1st quintile	Affordability tests (1st quintile) for:		
						Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household
	EPA's cost per household estimate =							
	CPI 1998 =							
	CPI 2002 =							
	Cost/household adjusted to 2002 =							
	No. of municipalities with estimates							
	No. of municipalities without estimates							
	Number with costs > 3% of revenue							
	Number with costs > 1% of revenue							
	Number with costs from 0.5% to 1%							
	Number with costs < 0.5%					31	26	77
Lyon	Marshall	\$ 37,950	\$ 949	\$ 9,488	\$ 237	\$ (472)	\$ (377)	\$ (1,076)
Washington	Forest Lake	\$ 44,419	\$ 1,110	\$ 11,105	\$ 278	\$ (747)	\$ 268	\$ (747)
Polk	East Grand Forks	\$ 35,866	\$ 897	\$ 8,967	\$ 224	\$ (354)	\$ (174)	\$ (743)
Brown	New Ulm	\$ 40,044	\$ 1,001	\$ 10,011	\$ 250	\$ (196)	\$ (170)	\$ (606)
Wright	Buffalo	\$ 49,573	\$ 1,239	\$ 12,393	\$ 310	\$ (18)	\$ (257)	\$ (575)
St. Louis	Proctor	\$ 38,322	\$ 958	\$ 9,581	\$ 240	\$ (124)	\$ (168)	\$ (521)
Carver	Carver	\$ 65,083	\$ 1,627	\$ 16,271	\$ 407	\$ 68	\$ (165)	\$ (494)
Blue Earth	Mankato	\$ 33,956	\$ 849	\$ 8,489	\$ 212	\$ (113)	\$ (155)	\$ (470)
St. Louis	Duluth	\$ 33,766	\$ 844	\$ 8,442	\$ 211	\$ (36)	\$ (229)	\$ (467)
Carlton	Cloquet	\$ 35,675	\$ 892	\$ 8,919	\$ 223	\$ (237)	\$ 6	\$ (445)
Nobles	Worthington	\$ 36,250	\$ 906	\$ 9,063	\$ 227	\$ (85)	\$ (123)	\$ (424)
Beltrami	Bemidji	\$ 28,072	\$ 702	\$ 7,018	\$ 175	\$ (45)	\$ (206)	\$ (417)
Clay	Moorhead	\$ 34,781	\$ 870	\$ 8,695	\$ 217	\$ (70)	\$ (118)	\$ (396)
Freeborn	Albert Lea	\$ 32,841	\$ 821	\$ 8,210	\$ 205	\$ 58	\$ (257)	\$ (394)
Hennepin	Minneapolis (Phase I)	\$ 37,974	\$ 949	\$ 9,494	\$ 237	\$ (69)	\$ (76)	\$ (372)
Anoka	Hilltop	\$ 26,528	\$ 663	\$ 6,632	\$ 166	\$ (358)	\$ 156	\$ (358)
Wright	Hutchinson	\$ 42,278	\$ 1,057	\$ 10,570	\$ 264	\$ 92	\$ (194)	\$ (356)
Mower	Austin	\$ 33,750	\$ 844	\$ 8,438	\$ 211	\$ 17	\$ (169)	\$ (353)
Hennepin	Wayzata	\$ 65,833	\$ 1,646	\$ 16,458	\$ 411	\$ (8)	\$ 66	\$ (343)
Otter Tail	Fergus Falls	\$ 31,454	\$ 786	\$ 7,864	\$ 197	\$ (13)	\$ (138)	\$ (337)
Hennepin	Spring Park	\$ 36,071	\$ 902	\$ 9,018	\$ 225	\$ 6	\$ (126)	\$ (335)
Ramsey	St. Paul (Phase I)	\$ 38,774	\$ 969	\$ 9,694	\$ 242	\$ (30)	\$ (17)	\$ (279)
Benton	St. Cloud (Multi-County)	\$ 37,346	\$ 934	\$ 9,337	\$ 233	\$ (78)	\$ 30	\$ (271)
Hennepin	Golden Valley	\$ 62,063	\$ 1,552	\$ 15,516	\$ 388	\$ (270)	\$ 378	\$ (270)
Kandiyohi	Wilmar	\$ 33,455	\$ 836	\$ 8,364	\$ 209	\$ 11	\$ (81)	\$ (269)
St. Louis	Hibbing	\$ 33,346	\$ 834	\$ 8,337	\$ 208	\$ (22)	\$ (34)	\$ (255)
Ramsey	Roseville	\$ 51,056	\$ 1,276	\$ 12,764	\$ 319	\$ (5)	\$ 77	\$ (237)
Crow Wing	Brainerd	\$ 26,901	\$ 673	\$ 6,725	\$ 168	\$ (41)	\$ (34)	\$ (233)
Ramsey	Little Canada	\$ 46,609	\$ 1,165	\$ 11,652	\$ 291	\$ 10	\$ 49	\$ (222)
Goodhue	Red Wing	\$ 43,674	\$ 1,092	\$ 10,919	\$ 273	\$ 80	\$ (28)	\$ (211)
Hennepin	Excelsior	\$ 43,598	\$ 1,090	\$ 10,900	\$ 272	\$ 36	\$ 26	\$ (200)
Anoka	Fridley	\$ 48,372	\$ 1,209	\$ 12,093	\$ 302	\$ (197)	\$ 292	\$ (197)
Hennepin	Loretto	\$ 54,375	\$ 1,359	\$ 13,594	\$ 340	\$ 88	\$ 69	\$ (173)
Sherburne	Big Lake	\$ 50,658	\$ 1,266	\$ 12,665	\$ 317	\$ 182	\$ (46)	\$ (171)
Hennepin	Long Lake	\$ 55,139	\$ 1,378	\$ 13,785	\$ 345	\$ 165	\$ 1	\$ (169)
Blue Earth	North Mankato	\$ 48,816	\$ 1,220	\$ 12,204	\$ 305	\$ 135	\$ (3)	\$ (163)
Hennepin	Tonka Bay	\$ 84,879	\$ 2,122	\$ 21,220	\$ 530	\$ 201	\$ 158	\$ (162)
Hennepin	New Hope	\$ 46,795	\$ 1,170	\$ 11,699	\$ 292	\$ (158)	\$ 282	\$ (158)
Rice	Faribault	\$ 40,865	\$ 1,022	\$ 10,216	\$ 255	\$ 113	\$ (26)	\$ (158)
Winona	Winona	\$ 32,845	\$ 821	\$ 8,211	\$ 205	\$ 26	\$ 16	\$ (153)
Washington	Willernie	\$ 42,500	\$ 1,063	\$ 10,625	\$ 266	\$ 26	\$ 87	\$ (143)
Ramsey	Arden Hills	\$ 64,773	\$ 1,619	\$ 16,193	\$ 405	\$ 116	\$ 139	\$ (140)
Hennepin	Bloomington	\$ 54,628	\$ 1,366	\$ 13,657	\$ 341	\$ (140)	\$ 331	\$ (140)
Hennepin	Hopkins	\$ 39,203	\$ 980	\$ 9,801	\$ 245	\$ 66	\$ 33	\$ (136)
Anoka	Anoka	\$ 42,659	\$ 1,066	\$ 10,665	\$ 267	\$ 94	\$ 27	\$ (136)
Anoka	Columbia Heights	\$ 40,562	\$ 1,014	\$ 10,141	\$ 254	\$ 23	\$ 96	\$ (125)
Hennepin	St. Bonifacius	\$ 65,446	\$ 1,636	\$ 16,362	\$ 409	\$ 172	\$ 115	\$ (112)
Washington	Landfall	\$ 31,136	\$ 778	\$ 7,784	\$ 195	\$ 52	\$ 23	\$ (109)

**Comparison of estimated costs with water and sewer charges**

County	City/Township Name	Median household income (1999)	2.5% of median household income	Estimated median of 1st quintile***	2.5% (est.) of MHI in 1st quintile	Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household
Hennepin	Maple Plain	\$ 50,938	\$ 1,273	\$ 12,735	\$ 318	\$ 251	\$ (48)	\$ (105)
Dakota	South St. Paul	\$ 45,216	\$ 1,130	\$ 11,304	\$ 283	\$ 173	\$ 5	\$ (95)
Houston	La Crescent	\$ 45,433	\$ 1,136	\$ 11,358	\$ 284	\$ 93	\$ 90	\$ (91)
Olmsted	Rochester	\$ 49,090	\$ 1,227	\$ 12,273	\$ 307	\$ 173	\$ 38	\$ (86)
Steele	Owatonna	\$ 45,660	\$ 1,142	\$ 11,415	\$ 285	\$ 65	\$ 129	\$ (82)
Washington	Stillwater	\$ 57,154	\$ 1,429	\$ 14,289	\$ 357	\$ 191	\$ 76	\$ (80)
Ramsey	New Brighton	\$ 52,856	\$ 1,321	\$ 13,214	\$ 330	\$ 158	\$ 82	\$ (80)
Ramsey	Mounds View	\$ 51,974	\$ 1,299	\$ 12,994	\$ 325	\$ 146	\$ 90	\$ (79)
Rice	Northfield	\$ 49,972	\$ 1,249	\$ 12,493	\$ 312	\$ 179	\$ 52	\$ (71)
Benton	Sauk Rapids	\$ 45,857	\$ 1,146	\$ 11,464	\$ 287	\$ 144	\$ 73	\$ (59)
Hennepin	Crystal	\$ 48,736	\$ 1,218	\$ 12,184	\$ 305	\$ 108	\$ 131	\$ (57)
Dakota	Hastings	\$ 53,145	\$ 1,329	\$ 13,286	\$ 332	\$ 111	\$ 156	\$ (55)
Scott	Shakopee	\$ 59,137	\$ 1,478	\$ 14,784	\$ 370	\$ 169	\$ 138	\$ (52)
Ramsey	North St. Paul	\$ 50,923	\$ 1,273	\$ 12,731	\$ 318	\$ 149	\$ 108	\$ (51)
Hennepin	Richfield	\$ 45,519	\$ 1,138	\$ 11,380	\$ 284	\$ (49)	\$ 274	\$ (49)
Hennepin	Minnetonka	\$ 69,979	\$ 1,749	\$ 17,495	\$ 437	\$ (47)	\$ 427	\$ (47)
Scott	Savage	\$ 75,097	\$ 1,877	\$ 18,774	\$ 469	\$ (47)	\$ 459	\$ (47)
Martin	Fairmont	\$ 33,709	\$ 843	\$ 8,427	\$ 211	\$ (46)	\$ 201	\$ (46)
Washington	Newport	\$ 45,373	\$ 1,134	\$ 11,343	\$ 284	\$ 164	\$ 70	\$ (40)
Hennepin	St. Louis Park	\$ 49,260	\$ 1,232	\$ 12,315	\$ 308	\$ 153	\$ 106	\$ (38)
Washington	Oakdale	\$ 56,299	\$ 1,407	\$ 14,075	\$ 352	\$ 176	\$ 131	\$ (34)
Hennepin	Robbinsdale	\$ 48,271	\$ 1,207	\$ 12,068	\$ 302	\$ 155	\$ 102	\$ (34)
Washington	St. Paul Park	\$ 50,805	\$ 1,270	\$ 12,701	\$ 318	\$ 149	\$ 124	\$ (34)
Stearns	St. Joseph	\$ 38,938	\$ 973	\$ 9,735	\$ 243	\$ 139	\$ 63	\$ (31)
Hennepin	Mound	\$ 60,671	\$ 1,517	\$ 15,168	\$ 379	\$ 228	\$ 115	\$ (26)
Hennepin	Brooklyn Center	\$ 44,570	\$ 1,114	\$ 11,143	\$ 279	\$ 150	\$ 94	\$ (24)
Benton	Sartell (Multi-County)	\$ 52,531	\$ 1,313	\$ 13,133	\$ 328	\$ (16)	\$ 318	\$ (16)
Clay	Dilworth	\$ 34,571	\$ 864	\$ 8,643	\$ 216	\$ (9)	\$ 206	\$ (9)
Anoka	Lexington	\$ 41,618	\$ 1,040	\$ 10,405	\$ 260	\$ 149	\$ 94	\$ (6)
Dakota	Farmington	\$ 61,864	\$ 1,547	\$ 15,466	\$ 387	\$ 214	\$ 163	\$ 0
Dakota	Rosemount	\$ 65,916	\$ 1,648	\$ 16,479	\$ 412	\$ 230	\$ 176	\$ 4
Hennepin	Brooklyn Park	\$ 56,572	\$ 1,414	\$ 14,143	\$ 354	\$ 166	\$ 194	\$ 15
Carver	Chaska	\$ 60,325	\$ 1,508	\$ 15,081	\$ 377	\$ 238	\$ 146	\$ 17
Hennepin	Edina	\$ 66,019	\$ 1,650	\$ 16,505	\$ 413	\$ 17	\$ 403	\$ 17
Ramsey	Vadnais Heights	\$ 60,804	\$ 1,520	\$ 15,201	\$ 380	\$ 219	\$ 177	\$ 26
Dakota	Burnsville	\$ 57,965	\$ 1,449	\$ 14,491	\$ 362	\$ 207	\$ 174	\$ 29
Dakota	West St. Paul	\$ 41,103	\$ 1,028	\$ 10,276	\$ 257	\$ 247	\$ 30	\$ 30
Ramsey	White Bear Lake (Multi-County)	\$ 52,941	\$ 1,324	\$ 13,235	\$ 331	\$ 210	\$ 144	\$ 34
Carver	Chanhassen	\$ 84,215	\$ 2,105	\$ 21,054	\$ 526	\$ 42	\$ 516	\$ 42
Anoka	Coon Rapids	\$ 55,550	\$ 1,389	\$ 13,888	\$ 347	\$ 207	\$ 183	\$ 52
Wright	St. Michael	\$ 69,903	\$ 1,748	\$ 17,476	\$ 437	\$ 343	\$ 136	\$ 53
Hennepin	Champlin	\$ 65,831	\$ 1,646	\$ 16,458	\$ 411	\$ 198	\$ 259	\$ 56
Anoka	Circle Pines	\$ 60,469	\$ 1,512	\$ 15,117	\$ 378	\$ 222	\$ 209	\$ 62
Hennepin	Eden Prairie	\$ 78,328	\$ 1,958	\$ 19,582	\$ 490	\$ 244	\$ 301	\$ 65
Ramsey	Shoreview	\$ 69,719	\$ 1,743	\$ 17,430	\$ 436	\$ 276	\$ 217	\$ 67
Washington	Mahtomedi	\$ 72,215	\$ 1,805	\$ 18,054	\$ 451	\$ 271	\$ 239	\$ 68
Dakota	Inver Grove Heights	\$ 59,090	\$ 1,477	\$ 14,773	\$ 369	\$ 215	\$ 213	\$ 68
Sherburne	Elk River	\$ 58,114	\$ 1,453	\$ 14,529	\$ 363	\$ 217	\$ 206	\$ 70
Anoka	Blaine (Multi-County)	\$ 59,219	\$ 1,480	\$ 14,805	\$ 370	\$ 246	\$ 189	\$ 75
Ramsey	Maplewood	\$ 51,596	\$ 1,290	\$ 12,899	\$ 322	\$ 312	\$ 85	\$ 85
Anoka	Centerville	\$ 63,696	\$ 1,592	\$ 15,924	\$ 398	\$ 256	\$ 228	\$ 96
Dakota	Lilydale	\$ 54,792	\$ 1,370	\$ 13,698	\$ 342	\$ 332	\$ 104	\$ 104
Dakota	Eagan	\$ 67,388	\$ 1,685	\$ 16,847	\$ 421	\$ 270	\$ 247	\$ 106
Washington	Hugo	\$ 63,450	\$ 1,586	\$ 15,863	\$ 397	\$ 112	\$ 387	\$ 112
Washington	Birchwood Village	\$ 81,941	\$ 2,049	\$ 20,485	\$ 512	\$ 388	\$ 229	\$ 116
Hennepin	Maple Grove	\$ 76,111	\$ 1,903	\$ 19,028	\$ 476	\$ 320	\$ 263	\$ 118
Scott	Prior Lake	\$ 75,363	\$ 1,884	\$ 18,841	\$ 471	\$ 325	\$ 264	\$ 128
Washington	Woodbury	\$ 76,109	\$ 1,903	\$ 19,027	\$ 476	\$ 323	\$ 271	\$ 128
Dakota	Lakeville	\$ 72,404	\$ 1,810	\$ 18,101	\$ 453	\$ 292	\$ 279	\$ 128
Hennepin	Plymouth	\$ 77,008	\$ 1,925	\$ 19,252	\$ 481	\$ 332	\$ 275	\$ 136
Washington	Lake Elmo	\$ 76,876	\$ 1,922	\$ 19,219	\$ 480	\$ 418	\$ 196	\$ 144
Dakota	Apple Valley	\$ 69,752	\$ 1,744	\$ 17,438	\$ 436	\$ 148	\$ 426	\$ 148



Comparison of estimated costs with water and sewer charges

Appendix L - Table 9													
County	City/Township Name	2000 Population	Households*	Water expenses, operating**	Water expenses, nonoperating	Water expenses, total	Sewer expenses, operating	Sewer expenses, nonoperating	Sewer expenses, total	Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household	Estimated MS4 cost
	EPA's cost per household estimate =	\$ 9.16											
	CPI 1998 =	163.0											
	CPI 2002 =	179.9											
	Cost/household, Reese average =	\$ 34.00											
	No. of municipalities with estimates	154											
	No. of municipalities without estimates	43											
	Number with costs > 3% of revenue	1	1%										
	Number with costs > 1% of revenue	27	18%										
	Number with costs from 0.5% to 1%	84	55%										
	Number with costs < 0.5%	41	27%										
Lyon	Marshall	12,735	5,054	\$ 2,852,001	\$ 679,554	\$ 3,531,555	\$ 2,218,440	\$ 836,700	\$ 3,055,140	\$ 699	\$ 605	\$ 1,303	\$ 171,821
Washington	Forest Lake	6,798	2,698	\$ 2,415,101	\$ 321,967	\$ 2,737,068			\$ -	\$ 1,015	\$ -	\$ 1,015	\$ 91,719
Polk	East Grand Forks	7,501	2,977	\$ 1,690,937	\$ 1,618	\$ 1,692,555	\$ 416,581	\$ 739,155	\$ 1,155,736	\$ 569	\$ 388	\$ 957	\$ 101,204
Brown	New Ulm	13,594	5,394	\$ 1,874,292	\$ 480,418	\$ 2,354,710	\$ 1,982,115	\$ 230,660	\$ 2,212,775	\$ 437	\$ 410	\$ 847	\$ 183,411
Wright	Buffalo	10,097	4,007	\$ 987,339	\$ 284,548	\$ 1,271,887	\$ 1,243,824	\$ 988,455	\$ 2,232,279	\$ 317	\$ 557	\$ 875	\$ 136,229
St. Louis	Proctor	2,852	1,132	\$ 399,820		\$ 399,820	\$ 449,471		\$ 449,471	\$ 353	\$ 397	\$ 750	\$ 38,479
Hennepin	St. Anthony (Multi-County)	5,664	2,248	\$ 571,337	\$ 14,650	\$ 585,987	\$ 636,342		\$ 636,342	\$ 213	\$ 231	\$ 444	\$ 93,500
Carver	Carver	1,266	502	\$ 148,812	\$ 16,281	\$ 165,093	\$ 223,995	\$ 58,393	\$ 282,388	\$ 329	\$ 562	\$ 891	\$ 17,081
Blue Earth	Mankato	32,427	12,868	\$ 3,766,199	\$ 290,041	\$ 4,056,240	\$ 3,804,345	\$ 792,453	\$ 4,596,798	\$ 315	\$ 357	\$ 672	\$ 437,507
St. Louis	Duluth	86,918	34,491	\$ 7,829,235	\$ 346,417	\$ 8,175,652	\$ 14,537,056	\$ 311,541	\$ 14,848,597	\$ 237	\$ 431	\$ 668	\$ 1,172,703
Carlton	Cloquet	11,201	4,445	\$ 2,001,156		\$ 2,001,156	\$ 921,194		\$ 921,194	\$ 450	\$ 207	\$ 657	\$ 151,125
Nobles	Worthington	11,283	4,477	\$ 1,236,343	\$ 112,481	\$ 1,348,824	\$ 1,456,025	\$ 62,242	\$ 1,518,267	\$ 301	\$ 339	\$ 640	\$ 152,231
Beltrami	Bemidji	11,917	4,729	\$ 829,316	\$ 165,800	\$ 995,116	\$ 1,757,251	\$ 1,376	\$ 1,758,627	\$ 210	\$ 372	\$ 582	\$ 160,785
Clay	Moorhead	32,177	12,769	\$ 2,542,534	\$ 999,306	\$ 3,541,840	\$ 3,835,799	\$ 322,390	\$ 4,158,189	\$ 277	\$ 326	\$ 603	\$ 434,134
Freeborn	Albert Lea	18,356	7,284	\$ 992,001	\$ 4,620	\$ 996,621	\$ 3,168,235	\$ 128,183	\$ 3,296,418	\$ 137	\$ 453	\$ 589	\$ 247,660
Hennepin	Minneapolis (Phase I)	382,618	151,833	\$ 41,683,000	\$ 3,285,000	\$ 44,968,000	\$ 43,487,000	\$ 2,555,000	\$ 46,042,000	\$ 296	\$ 303	\$ 599	\$ 5,162,306
Anoka	Hilltop	766	304	\$ 156,178		\$ 156,178			\$ -	\$ 514	\$ -	\$ 514	\$ 10,335
Wright	Hutchinson	13,080	5,190	\$ 821,666	\$ 18,884	\$ 840,550	\$ 2,161,203	\$ 167,614	\$ 2,328,817	\$ 162	\$ 449	\$ 611	\$ 176,476
Mower	Austin	23,314	9,252	\$ 1,699,815		\$ 1,699,815	\$ 3,106,574	\$ 314,550	\$ 3,421,124	\$ 184	\$ 370	\$ 554	\$ 314,554
Hennepin	Wayzata	4,113	1,632	\$ 667,507		\$ 667,507	\$ 547,355		\$ 547,355	\$ 409	\$ 335	\$ 744	\$ 55,493
OtterTail	Fergus Falls	13,471	5,346	\$ 1,065,899		\$ 1,065,899	\$ 1,574,229	\$ 161,060	\$ 1,735,289	\$ 199	\$ 325	\$ 524	\$ 181,752
Hennepin	Spring Park	1,717	681	\$ 142,621		\$ 142,621	\$ 232,634		\$ 232,634	\$ 209	\$ 341	\$ 551	\$ 23,166
Benton	St. Cloud (Multi-County)	6,391	2,536	\$ 4,647,012	\$ 2,432,022	\$ 7,079,034	\$ 4,244,214	\$ 280,965	\$ 4,525,179	\$ 57	\$ 36	\$ 93	\$ 4,234,120
Ramsey	St. Paul (Phase I)	287,151	113,949	\$ 28,057,159	\$ 1,803,119	\$ 29,860,278	\$ 25,246,263	\$ 3,136,549	\$ 28,382,812	\$ 262	\$ 249	\$ 511	\$ 3,874,260
Hennepin	Golden Valley	20,281	8,048	\$ 5,217,246		\$ 5,217,246			\$ -	\$ 648	\$ -	\$ 648	\$ 273,633
Kandiyohi	Wilmar	18,351	7,282	\$ 1,360,177	\$ 11,994	\$ 1,372,171	\$ 2,036,062		\$ 2,036,062	\$ 188	\$ 280	\$ 468	\$ 247,593
St. Louis	Hibbing	17,071	6,774	\$ 1,494,808		\$ 1,494,808	\$ 1,517,964	\$ 56,692	\$ 1,574,656	\$ 221	\$ 232	\$ 453	\$ 230,323
Ramsey	Roseville	33,690	13,369	\$ 4,202,803		\$ 4,202,803	\$ 3,096,717		\$ 3,096,717	\$ 314	\$ 232	\$ 546	\$ 454,548
Crow Wing	Brainerd	13,178	5,229	\$ 1,043,680		\$ 1,043,680	\$ 1,002,555		\$ 1,002,555	\$ 200	\$ 192	\$ 391	\$ 177,798
Ramsey	Little Canada	9,771	3,877	\$ 1,051,220		\$ 1,051,220	\$ 899,789		\$ 899,789	\$ 271	\$ 232	\$ 503	\$ 131,831
Goodhue	Red Wing	16,116	6,395	\$ 1,168,414		\$ 1,168,414	\$ 1,863,868		\$ 1,863,868	\$ 183	\$ 291	\$ 474	\$ 217,438
Hennepin	Excelsior	2,393	950	\$ 215,296		\$ 215,296	\$ 224,225		\$ 224,225	\$ 227	\$ 236	\$ 463	\$ 32,287
Anoka	Fridley	27,449	10,892	\$ 5,148,461	\$ 181,797	\$ 5,330,258			\$ -	\$ 489	\$ -	\$ 489	\$ 370,344
Hennepin	Loretto	570	226	\$ 44,720	\$ 10,034	\$ 54,754	\$ 59,036		\$ 59,036	\$ 242	\$ 261	\$ 503	\$ 7,690
Sherburne	Big Lake	6,063	2,406	\$ 293,437	\$ 6,189	\$ 299,626	\$ 547,965	\$ 300,777	\$ 848,742	\$ 125	\$ 353	\$ 477	\$ 81,802
Hennepin	Long Lake	1,842	731	\$ 124,237		\$ 124,237	\$ 243,573		\$ 243,573	\$ 170	\$ 333	\$ 503	\$ 24,852
Blue Earth	North Mankato	11,798	4,682	\$ 725,969	\$ 21,959	\$ 747,928	\$ 1,289,676	\$ 105,557	\$ 1,395,233	\$ 160	\$ 298	\$ 458	\$ 159,179
Hennepin	Tonka Bay	1,547	614	\$ 196,254		\$ 196,254	\$ 222,535		\$ 222,535	\$ 320	\$ 363	\$ 682	\$ 20,872
Hennepin	New Hope	20,873	8,283	\$ 3,573,374	\$ 78,882	\$ 3,652,256			\$ -	\$ 441	\$ -	\$ 441	\$ 281,620
Rice	Fanbault	20,818	8,261	\$ 1,037,504	\$ 55,110	\$ 1,092,614	\$ 1,930,546	\$ 311,952	\$ 2,242,498	\$ 132	\$ 271	\$ 404	\$ 280,878
Winona	Winona	27,069	10,742	\$ 1,525,042	\$ 293,053	\$ 1,818,095	\$ 1,715,378	\$ 210,374	\$ 1,925,752	\$ 169	\$ 179	\$ 349	\$ 365,271
Washington	Willernie	549	218	\$ 50,012	\$ 51	\$ 50,063	\$ 36,785	\$ 23	\$ 36,808	\$ 230	\$ 169	\$ 399	\$ 7,407
Ramsey	Arden Hills	9,652	3,830	\$ 1,066,811		\$ 1,066,811	\$ 981,246		\$ 981,246	\$ 279	\$ 256	\$ 535	\$ 130,225
Hennepin	Bloomington	85,172	33,798	\$ 15,920,981		\$ 15,920,981			\$ -	\$ 471	\$ -	\$ 471	\$ 1,149,146
Hennepin	Hopkins	17,145	6,804	\$ 969,477	\$ 181,049	\$ 1,150,526	\$ 1,372,191		\$ 1,372,191	\$ 169	\$ 202	\$ 371	\$ 231,321
Anoka	Anoka	18,076	7,173	\$ 1,116,321	\$ 47,863	\$ 1,164,184	\$ 1,539,488	\$ 109,850	\$ 1,649,338	\$ 162	\$ 230	\$ 392	\$ 243,883
Anoka	Columbia Heights	18,520	7,349	\$ 1,578,627	\$ 40,190	\$ 1,618,817	\$ 1,075,520	\$ 10,582	\$ 1,086,102	\$ 220	\$ 148	\$ 368	\$ 249,873
Hennepin	St. Bonifacius	1,873	743	\$ 139,358	\$ 29,363	\$ 168,721	\$ 142,197	\$ 68,662	\$ 210,859	\$ 227	\$ 284	\$ 511	\$ 25,271
Washington	Landfall	700	278	\$ 36,898		\$ 36,898	\$ 27,984	\$ 16,805	\$ 44,789	\$ 133	\$ 161	\$ 294	\$ 9,444
Hennepin	Maple Plain	2,088	829	\$ 47,922		\$ 47,922	\$ 294,891		\$ 294,891	\$ 58	\$ 356	\$ 414	\$ 28,171
Anoka	Spring Lake Park (Multi-County)	6,667	2,646	\$ 405,099	\$ 13,303	\$ 418,402	\$ 507,619		\$ 507,619	\$ 39	\$ 48	\$ 87	\$ 362,046

Comparison of estimated costs with water and sewer charges

County	City/Township Name	2000 Population	Households*	Water expenses, operating**	Water expenses, nonoperating	Water expenses, total	Sewer expenses, operating	Sewer expenses, nonoperating	Sewer expenses, total	Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household	Estimated MS4 cost
Dakota	South St. Paul	20,167	8,003	\$ 792,490	\$ 8,219	\$ 800,709	\$ 2,137,588		\$ 2,137,588	\$ 100	\$ 267	\$ 367	\$ 272,094
Houston	La Crescent	4,923	1,954	\$ 294,314	\$ 58,817	\$ 353,131	\$ 358,981		\$ 358,981	\$ 181	\$ 184	\$ 365	\$ 66,421
Olmsted	Rochester	85,806	34,050	\$ 4,228,788	\$ 1,747	\$ 4,230,535	\$ 8,276,508	\$ 542,411	\$ 8,818,919	\$ 124	\$ 259	\$ 383	\$ 1,157,700
Steele	Owatonna	22,434	8,902	\$ 1,643,549	\$ 233,547	\$ 1,877,096	\$ 1,302,086		\$ 1,302,086	\$ 211	\$ 146	\$ 357	\$ 302,681
Washington	Stillwater	15,143	6,009	\$ 885,067	\$ 55,135	\$ 940,202	\$ 1,622,736	\$ 4,421	\$ 1,627,157	\$ 156	\$ 271	\$ 427	\$ 204,310
Ramsey	New Brighton	22,206	8,812	\$ 1,405,465	\$ 24,053	\$ 1,429,518	\$ 2,089,059	\$ 8,610	\$ 2,097,669	\$ 162	\$ 238	\$ 400	\$ 299,605
Ramsey	Mounds View	12,738	5,055	\$ 734,145	\$ 119,291	\$ 853,436	\$ 1,138,369		\$ 1,138,369	\$ 169	\$ 225	\$ 394	\$ 171,862
Rice	Northfield	17,147	6,804	\$ 816,270	\$ 20,923	\$ 837,193	\$ 1,597,076	\$ 107,619	\$ 1,704,695	\$ 123	\$ 251	\$ 374	\$ 231,348
Benton	Sauk Rapids	10,213	4,053	\$ 527,335	\$ 11,018	\$ 538,353	\$ 801,802	\$ 21,965	\$ 823,767	\$ 133	\$ 203	\$ 336	\$ 137,794
Hennepin	Crystal	22,698	9,007	\$ 1,684,861		\$ 1,684,861	\$ 1,466,274	\$ 11,319	\$ 1,477,593	\$ 187	\$ 164	\$ 351	\$ 306,243
Dakota	Hastings	18,201	7,223	\$ 1,473,072	\$ 52,516	\$ 1,525,588	\$ 1,178,631	\$ 22,144	\$ 1,200,775	\$ 211	\$ 166	\$ 377	\$ 245,569
Scott	Shakopee	20,568	8,162	\$ 1,432,719	\$ 124,071	\$ 1,556,790	\$ 1,806,309		\$ 1,806,309	\$ 191	\$ 221	\$ 412	\$ 277,505
Ramsey	North St. Paul	11,929	4,734	\$ 721,219	\$ 30,963	\$ 752,182	\$ 918,216	\$ 30,963	\$ 949,179	\$ 159	\$ 201	\$ 359	\$ 160,947
Hennepin	Richfield	34,439	13,666	\$ 4,425,159		\$ 4,425,159			\$ -	\$ 324	\$ -	\$ 324	\$ 464,653
Benton	Sartell (Multi-County)	2,011	798	\$ 1,279,831		\$ 1,279,831			\$ -	\$ 60	\$ -	\$ 60	\$ 719,289
Hennepin	Minnnetonka	51,301	20,358	\$ 9,209,887	\$ 450,493	\$ 9,660,380			\$ -	\$ 475	\$ -	\$ 475	\$ 692,156
Scott	Savage	21,115	8,379	\$ 3,568,676	\$ 674,188	\$ 4,242,864			\$ -	\$ 506	\$ -	\$ 506	\$ 284,885
Martin	Fairmont	10,889	4,321	\$ 1,064,252	\$ 46	\$ 1,064,298			\$ -	\$ 246	\$ -	\$ 246	\$ 146,915
Washington	Newport	3,715	1,474	\$ 162,051		\$ 162,051	\$ 299,905		\$ 299,905	\$ 110	\$ 203	\$ 313	\$ 50,123
Hennepin	St. Louis Park	44,126	17,510	\$ 2,531,179		\$ 2,531,179	\$ 3,347,446	\$ 10,478	\$ 3,357,924	\$ 145	\$ 192	\$ 336	\$ 595,351
Washington	Oakdale	26,653	10,577	\$ 1,723,104	\$ 27,205	\$ 1,750,309	\$ 2,219,888	\$ 10,077	\$ 2,229,965	\$ 165	\$ 211	\$ 376	\$ 359,604
Hennepin	Robbinsdale	14,123	5,804	\$ 752,004	\$ 11,943	\$ 763,947	\$ 1,060,655	\$ 3,232	\$ 1,063,887	\$ 136	\$ 190	\$ 326	\$ 190,548
Washington	St. Paul Park	5,070	2,012	\$ 300,076	\$ 18,596	\$ 318,672	\$ 368,925		\$ 368,925	\$ 158	\$ 183	\$ 342	\$ 68,405
Stearns	St. Joseph	4,681	1,858	\$ 175,021		\$ 175,021	\$ 316,665		\$ 316,665	\$ 94	\$ 170	\$ 265	\$ 63,156
Hennepin	Mound	9,435	3,744	\$ 494,771	\$ 33,198	\$ 527,969	\$ 928,175	\$ 24,423	\$ 952,598	\$ 141	\$ 254	\$ 395	\$ 127,298
Hennepin	Brooklyn Center	29,172	11,576	\$ 1,373,941		\$ 1,373,941	\$ 2,016,942		\$ 2,016,942	\$ 119	\$ 174	\$ 293	\$ 393,590
Ramsey	Blaine (Multi-County)	0	0	\$ -		\$ -			\$ -	\$ -	\$ -	\$ -	\$ -
Hennepin	Fort Snelling Unorganized	442	175			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 5,963
Stearns	St. Cloud (Multi-County)	46,734	18,545			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 630,538
Clay	Dilworth	3,001	1,191	\$ 247,230	\$ 8,975	\$ 256,205			\$ -	\$ 215	\$ -	\$ 215	\$ 40,490
Anoka	Lexington	2,214	879	\$ 88,496		\$ 88,496	\$ 136,876		\$ 136,876	\$ 101	\$ 156	\$ 257	\$ 29,871
Dakota	Farmington	12,365	4,907	\$ 708,044	\$ 89,366	\$ 797,410	\$ 939,930	\$ 109,608	\$ 1,049,538	\$ 163	\$ 214	\$ 376	\$ 166,829
Dakota	Rosemount	14,619	5,801	\$ 894,781	\$ 103,843	\$ 998,624	\$ 1,304,633	\$ 5,845	\$ 1,310,478	\$ 172	\$ 226	\$ 398	\$ 197,240
Hennepin	Brooklyn Park	67,388	26,741	\$ 4,130,086	\$ 631,534	\$ 4,761,620	\$ 4,012,367		\$ 4,012,367	\$ 178	\$ 150	\$ 328	\$ 909,203
Carver	Chaska	17,449	6,924	\$ 874,348	\$ 20,989	\$ 895,337	\$ 1,528,918		\$ 1,528,918	\$ 129	\$ 221	\$ 350	\$ 235,423
Hennepin	Edina	47,425	18,819	\$ 7,062,630	\$ 187,359	\$ 7,249,989			\$ -	\$ 385	\$ -	\$ 385	\$ 639,861
Ramsey	Vadnais Heights	13,069	5,186	\$ 783,603		\$ 783,603	\$ 1,002,065		\$ 1,002,065	\$ 151	\$ 193	\$ 344	\$ 176,328
Dakota	Burnsville	60,220	23,897	\$ 3,476,253	\$ 656	\$ 3,476,909	\$ 4,253,277	\$ 437	\$ 4,253,714	\$ 145	\$ 178	\$ 323	\$ 812,492
Dakota	West St. Paul	19,405	7,700			\$ -	\$ 1,572,434	\$ 94,670	\$ 1,667,104	\$ -	\$ 216	\$ 216	\$ 261,813
Ramsey	White Bear Lake (Multi-County)	23,974	9,513	\$ 1,067,987		\$ 1,067,987	\$ 1,703,998		\$ 1,703,998	\$ 61	\$ 97	\$ 158	\$ 597,631
Carver	Chanhassen	20,321	8,064	\$ 3,589,339	\$ 237,389	\$ 3,826,728			\$ -	\$ 475	\$ -	\$ 475	\$ 274,172
Anoka	Coon Rapids	61,607	24,447	\$ 2,665,052	\$ 528,844	\$ 3,193,896	\$ 3,780,145		\$ 3,780,145	\$ 131	\$ 155	\$ 285	\$ 831,206
Wright	St. Michael	9,099	3,611	\$ 301,428		\$ 301,428	\$ 795,410	\$ 253,352	\$ 1,048,762	\$ 83	\$ 290	\$ 374	\$ 122,764
Hennepin	Champlin	22,193	8,807	\$ 1,576,128	\$ 212,729	\$ 1,788,857	\$ 1,254,268		\$ 1,254,268	\$ 203	\$ 142	\$ 346	\$ 299,429
Anoka	Circle Pines	4,663	1,850	\$ 270,759		\$ 270,759	\$ 294,632		\$ 294,632	\$ 146	\$ 159	\$ 306	\$ 62,913
Hennepin	Eden Prairie	54,901	21,786	\$ 5,139,460	\$ 2,112	\$ 5,141,572	\$ 3,880,771		\$ 3,880,771	\$ 236	\$ 178	\$ 414	\$ 740,728
Ramsey	Shoreview	25,924	10,287	\$ 1,418,297	\$ 124,750	\$ 1,543,047	\$ 2,138,033	\$ 9,489	\$ 2,147,522	\$ 150	\$ 209	\$ 359	\$ 349,768
Washington	Mahtomedi	7,563	3,001	\$ 484,956	\$ 27,023	\$ 511,979	\$ 607,730		\$ 607,730	\$ 171	\$ 202	\$ 373	\$ 102,040
Dakota	Inver Grove Heights	29,751	11,806	\$ 1,634,254	\$ 68,952	\$ 1,703,206	\$ 1,732,399		\$ 1,732,399	\$ 144	\$ 147	\$ 291	\$ 401,402
Sherburne	Elk River	16,447	6,527	\$ 715,638	\$ 172,952	\$ 888,590	\$ 786,197	\$ 174,220	\$ 960,417	\$ 136	\$ 147	\$ 283	\$ 221,904
Anoka	Blaine (Multi-County)	44,942	17,834	\$ 1,993,651	\$ 42,279	\$ 2,035,930	\$ 3,046,084	\$ 473	\$ 3,046,557	\$ 114	\$ 171	\$ 285	\$ 606,360
Ramsey	Maplewood	34,947	13,868			\$ -	\$ 3,148,415	\$ 6,456	\$ 3,154,871	\$ -	\$ 227	\$ 227	\$ 471,507
Anoka	Centerville	3,202	1,271	\$ 154,722	\$ 12,849	\$ 167,571	\$ 188,248	\$ 15,704	\$ 203,952	\$ 132	\$ 161	\$ 292	\$ 43,202
Dakota	Lilydale	552	219			\$ -	\$ 49,964		\$ 49,964	\$ -	\$ 228	\$ 228	\$ 7,448
Dakota	Eagan	63,557	25,221	\$ 3,210,590	\$ 344,404	\$ 3,554,994	\$ 4,152,439		\$ 4,152,439	\$ 141	\$ 165	\$ 306	\$ 857,515
Washington	Hugo	6,363	2,525	\$ 625,169	\$ 67,417	\$ 692,586			\$ -	\$ 274	\$ -	\$ 274	\$ 85,850
Washington	Birchwood Village	968	384	\$ 43,746		\$ 43,746	\$ 104,764		\$ 104,764	\$ 114	\$ 273	\$ 387	\$ 13,060
Hennepin	Maple Grove	50,365	19,986	\$ 2,762,708	\$ 139,606	\$ 2,902,314	\$ 4,041,324		\$ 4,041,324	\$ 145	\$ 202	\$ 347	\$ 679,528
Scott	Prior Lake	15,917	6,316	\$ 857,427		\$ 857,427	\$ 1,247,047		\$ 1,247,047	\$ 136	\$ 197	\$ 333	\$ 214,753
Washington	Woodbury	46,463	18,438	\$ 2,525,923	\$ 103,060	\$ 2,628,983	\$ 3,598,110		\$ 3,598,110	\$ 143	\$ 195	\$ 338	\$ 626,882
Dakota	Lakeville	43,128	17,114	\$ 2,581,976		\$ 2,581,976	\$ 2,799,886		\$ 2,799,886	\$ 151	\$ 164	\$ 314	\$ 581,886
Hennepin	Plymouth	65,894	26,148	\$ 3,635,795	\$ 13,176	\$ 3,648,971	\$ 5,126,770		\$ 5,126,770	\$ 140	\$ 196	\$ 336	\$ 889,046
Washington	Lake Elmo	6,863	2,723	\$ 141,881		\$ 141,881	\$ 599,751	\$ 147,048	\$ 746,799	\$ 52	\$ 274	\$ 326	\$ 52,596
Dakota	Apple Valley	45,527	18,066	\$ 4,963,057	\$ 59,570	\$ 5,022,627			\$ -	\$ 278	\$ -	\$ 278	\$ 614,253

**Comparison of estimated costs with water and sewer charges**

County	City/Township Name	2000 Population	Households*	Water expenses, operating**	Water expenses, nonoperating	Water expenses, total	Sewer expenses, operating	Sewer expenses, nonoperating	Sewer expenses, total	Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household	Estimated MS4 cost
Dakota	Mendota	197	78			\$ -	\$ 9,640		\$ 9,640	\$ -	\$ 123	\$ 123	\$ 2,658
Washington	Cottage Grove	30,582	12,136	\$ 1,416,378	\$ 168,773	\$ 1,585,151	\$ 1,283,451	\$ 30,029	\$ 1,313,480	\$ 131	\$ 108	\$ 239	\$ 412,614
Hennepin	Minnetrista	4,358	1,729	\$ 180,584		\$ 180,584	\$ 262,777		\$ 262,777	\$ 104	\$ 152	\$ 256	\$ 58,798
Hennepin	Orono	7,538	2,991	\$ 302,258	\$ 28,647	\$ 330,905	\$ 767,015	\$ 6,287	\$ 773,302	\$ 111	\$ 259	\$ 369	\$ 101,703
Anoka	Lino Lakes	16,791	6,663	\$ 804,355	\$ 185,250	\$ 989,605	\$ 912,236		\$ 912,236	\$ 149	\$ 137	\$ 285	\$ 226,545
Carver	Victoria	4,025	1,597	\$ 276,255		\$ 276,255	\$ 289,495		\$ 289,495	\$ 173	\$ 181	\$ 354	\$ 54,306
Hennepin	Shorewood	7,400	2,937	\$ 387,660	\$ 140,985	\$ 528,645	\$ 675,121		\$ 675,121	\$ 180	\$ 230	\$ 410	\$ 99,841
Stearns	Waite Park	6,568	2,606			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 88,616
Sherburne	Monticello	7,868	3,122			\$ -	\$ 189,340		\$ 189,340	\$ -	\$ 61	\$ 61	\$ 106,156
Sherburne	St. Cloud (Multi-County)	5,982	2,374			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 80,710
Ramsey	Lauderdale	2,364	938			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 31,895
St. Louis	Midway Township	1,479	587			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 19,955
Hennepin	Osseo	2,434	966			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 32,840
Anoka	Andover	26,588	10,551	\$ 1,037,435		\$ 1,037,435	\$ 1,103,577		\$ 1,103,577	\$ 98	\$ 105	\$ 203	\$ 358,727
Stearns	St. Joseph Township	2,449	972			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 33,042
Dakota	Mendota Heights	11,434	4,537			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 154,268
St. Louis	Duluth Township	1,723	684			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 23,247
Ramsey	Spring Lake Park (Multi-County)	105	42			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 1,417
Hennepin	Medina	4,005	1,589	\$ 207,045	\$ 4,968	\$ 212,013	\$ 197,345		\$ 197,345	\$ 133	\$ 124	\$ 258	\$ 54,036
Winona	Dresbach Township	413	164			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 5,572
Anoka	Ramsey	18,510	7,345	\$ 480,277		\$ 480,277	\$ 447,492		\$ 447,492	\$ 65	\$ 61	\$ 126	\$ 249,738
St. Louis	Hermantown Township	7,448	2,956			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 100,489
Scott	Jackson Township	1,361	540			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 18,363
Benton	Watab Township	2,920	1,159			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 39,397
St. Louis	Rice Lake Township	4,139	1,642			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 55,844
Ramsey	Falcon Heights	5,572	2,211			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 75,178
Washington	White Bear Lake (Multi-County)	351	139			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 4,736
Ramsey	St. Anthony (Multi-County)	2,348	932			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 31,679
Clay	Moorhead Township	442	175			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 5,963
Stearns	Brockway Township	2,551	1,012			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 34,418
Carver	Chaska Township	154	61			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 2,078
Ramsey	Gem Lake	419	166	\$ -	\$ -	\$ -	\$ 9,915		\$ 9,915	\$ -	\$ 60	\$ 60	\$ 5,653
Hennepin	Greenwood	729	289			\$ -	\$ 82,123		\$ 82,123	\$ -	\$ 284	\$ 284	\$ 9,836
Houston	La Crescent Township	1,487	590			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 20,063
Benton	Minden Township	1,790	710			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 24,151
Hennepin	Deephaven	3,853	1,529	\$ 43,372		\$ 43,372	\$ 354,687		\$ 354,687	\$ 28	\$ 232	\$ 260	\$ 51,985
Clay	Oakport Township	1,689	670			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 22,788
Stearns	Le Sauk Township	1,880	746			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 25,365
Benton	Sauk Rapids Township	723	287			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 9,755
Olmsted	Marion Township	6,159	2,444			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 83,098
Anoka	Burns Township	3,557	1,412			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 47,991
Sherburne	Haven Township	2,024	803			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 27,308
Sherburne	Big Lake Township	6,785	2,692			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 91,544
Hennepin	Independence	3,236	1,284			\$ -	\$ 102,778		\$ 102,778	\$ -	\$ 80	\$ 80	\$ 43,660
Hennepin	Dayton	4,686	1,860			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 63,224
Anoka	East Bethel	10,941	4,342			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 147,617
Anoka	Ham Lake	12,710	5,044			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 171,484
Dakota	Empire Township	1,638	650			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 22,100
Anoka	Oak Grove	6,903	2,739			\$ -	\$ 14,591		\$ 14,591	\$ -	\$ 5	\$ 5	\$ 93,136
Ramsey	White Bear Township	11,293	4,481			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 152,366
Hennepin	Medicine Lake	368	146			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 4,965
Carver	Laketown Township	2,331	925			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 31,450
Olmsted	Haverhill Township	1,601	635			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 21,601
Scott	Credit River Township	3,895	1,546			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 52,552
Hennepin	Corcoran	5,630	2,234			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 75,960
Scott	Louisville Township	1,359	539			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 18,336
Scott	Spring Lake Township	3,681	1,461			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 49,664
Olmsted	Rochester Township	2,916	1,157			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 39,343
Olmsted	Cascade Township	3,183	1,263			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 42,945
Hennepin	Minnetonka Beach	614	244	\$ 47,810		\$ 47,810	\$ 37,077		\$ 37,077	\$ 196	\$ 152	\$ 348	\$ 8,284
Washington	West Lakeland Township	3,547	1,408			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 47,856
Washington	Grant	4,026	1,598			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 54,319
Hennepin	Woodland	480	190	\$ 10,904	\$ 12,741	\$ 23,645	\$ 21,867	\$ 16,951	\$ 38,818	\$ 124	\$ 204	\$ 328	\$ 6,476
Washington	Pine Springs	421	167			\$ -			\$ -	\$ -	\$ -	\$ -	\$ 5,680



Comparison of estimated costs with water and sewer charges

Appendix L - Table 9		Affordability tests (1st quintile) for:									
County	City/Township Name	Median household income (1999)	2.5% of median household income	Affordability test for MHI	Estimated median of 1st quintile***	2.5% (est.) of MHI in 1st quintile	Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household	Total W&S values for graphing	
	EPA's cost per household estimate =										
	CPI 1998 =										
	CPI 2002 =										
	Cost/household, Reese average =										
	No. of municipalities with estimates										
	No. of municipalities without estimates										
	Number with costs > 3% of revenue										
	Number with costs > 1% of revenue										
	Number with costs from 0.5% to 1%										
	Number with costs < 0.5%								87		
Lyon	Marshall	\$ 37,950	\$ 949	\$ (389)	\$ 9,488	\$ 237	\$ (496)	\$ (401)	\$ (1,100)	\$ 336	
Washington	Forest Lake	\$ 44,419	\$ 1,110	\$ 62	\$ 11,105	\$ 278	\$ (771)	\$ 244	\$ (771)	\$ 123	
Polk	East Grand Forks	\$ 35,866	\$ 897	\$ (94)	\$ 8,967	\$ 224	\$ (378)	\$ (198)	\$ (767)	\$ -	
Brown	New Ulm	\$ 40,044	\$ 1,001	\$ 120	\$ 10,011	\$ 250	\$ (220)	\$ (194)	\$ (630)	\$ 371	
Wright	Buffalo	\$ 49,573	\$ 1,239	\$ 331	\$ 12,393	\$ 310	\$ (42)	\$ (281)	\$ (599)	\$ -	
St. Louis	Proctor	\$ 38,322	\$ 958	\$ 174	\$ 9,581	\$ 240	\$ (148)	\$ (192)	\$ (545)	\$ 400	
Hennepin	St. Anthony (Multi-County)	\$ -	\$ -	\$ (478)	\$ -	\$ -	\$ (247)	\$ (265)	\$ (478)	\$ 511	
Carver	Carver	\$ 65,083	\$ 1,627	\$ 702	\$ 16,271	\$ 407	\$ 44	\$ (189)	\$ (518)	\$ -	
Blue Earth	Mankato	\$ 33,956	\$ 849	\$ 142	\$ 8,489	\$ 212	\$ (137)	\$ (179)	\$ (494)	\$ 328	
St. Louis	Duluth	\$ 33,766	\$ 844	\$ 143	\$ 8,442	\$ 211	\$ (60)	\$ (253)	\$ (491)	\$ -	
Carlton	Cloquet	\$ 35,675	\$ 892	\$ 200	\$ 8,919	\$ 223	\$ (261)	\$ (18)	\$ (469)	\$ -	
Nobles	Worthington	\$ 36,250	\$ 906	\$ 232	\$ 9,063	\$ 227	\$ (109)	\$ (147)	\$ (448)	\$ -	
Beltrami	Bemidji	\$ 28,072	\$ 702	\$ 85	\$ 7,018	\$ 175	\$ (69)	\$ (230)	\$ (441)	\$ -	
Clay	Moorhead	\$ 34,781	\$ 870	\$ 232	\$ 8,695	\$ 217	\$ (94)	\$ (142)	\$ (420)	\$ 359	
Freeborn	Albert Lea	\$ 32,841	\$ 821	\$ 198	\$ 8,210	\$ 205	\$ 34	\$ (281)	\$ (418)	\$ -	
Hennepin	Minneapolis (Phase I)	\$ 37,974	\$ 949	\$ 316	\$ 9,494	\$ 237	\$ (93)	\$ (100)	\$ (396)	\$ 349	
Anoka	Hilltop	\$ 26,528	\$ 663	\$ 115	\$ 6,632	\$ 166	\$ (382)	\$ 132	\$ (382)	\$ 257	
Wright	Hutchinson	\$ 42,278	\$ 1,057	\$ 412	\$ 10,570	\$ 264	\$ 68	\$ (218)	\$ (380)	\$ 265	
Mower	Austin	\$ 33,750	\$ 844	\$ 256	\$ 8,438	\$ 211	\$ (7)	\$ (193)	\$ (377)	\$ -	
Hennepin	Wayzata	\$ 65,833	\$ 1,646	\$ 867	\$ 16,458	\$ 411	\$ (32)	\$ 42	\$ (367)	\$ 744	
OtterTail	Fergus Falls	\$ 31,454	\$ 786	\$ 228	\$ 7,864	\$ 197	\$ (37)	\$ (162)	\$ (361)	\$ 80	
Hennepin	Spring Park	\$ 36,071	\$ 902	\$ 317	\$ 9,018	\$ 225	\$ (18)	\$ (150)	\$ (359)	\$ 506	
Benton	St. Cloud (Multi-County)	\$ 37,346	\$ 934	\$ 806	\$ 9,337	\$ 233	\$ 143	\$ 163	\$ 106	\$ 524	
Ramsey	St. Paul (Phase I)	\$ 38,774	\$ 969	\$ 424	\$ 9,694	\$ 242	\$ (54)	\$ (41)	\$ (303)	\$ 599	
Hennepin	Golden Valley	\$ 62,063	\$ 1,552	\$ 869	\$ 15,516	\$ 388	\$ (294)	\$ 354	\$ (294)	\$ 211	
Kandiyohi	Wilmor	\$ 33,455	\$ 836	\$ 334	\$ 8,364	\$ 209	\$ (13)	\$ (105)	\$ (293)	\$ 1,303	
St. Louis	Hibbing	\$ 33,346	\$ 834	\$ 347	\$ 8,337	\$ 208	\$ (46)	\$ (58)	\$ (279)	\$ 256	
Ramsey	Roseville	\$ 51,056	\$ 1,276	\$ 696	\$ 12,764	\$ 319	\$ (29)	\$ 53	\$ (261)	\$ 453	
Crow Wing	Brainerd	\$ 26,901	\$ 673	\$ 247	\$ 6,725	\$ 168	\$ (65)	\$ (58)	\$ (257)	\$ -	
Ramsey	Little Canada	\$ 46,609	\$ 1,165	\$ 628	\$ 11,652	\$ 291	\$ (14)	\$ 25	\$ (246)	\$ 314	
Goodhue	Red Wing	\$ 43,674	\$ 1,092	\$ 584	\$ 10,919	\$ 273	\$ 56	\$ (52)	\$ (235)	\$ 409	
Hennepin	Excelsior	\$ 43,588	\$ 1,090	\$ 593	\$ 10,900	\$ 272	\$ 12	\$ 2	\$ (224)	\$ -	
Anoka	Fridley	\$ 48,372	\$ 1,209	\$ 686	\$ 12,093	\$ 302	\$ (221)	\$ 268	\$ (221)	\$ 198	
Hennepin	Loretto	\$ 54,375	\$ 1,359	\$ 822	\$ 13,594	\$ 340	\$ 64	\$ 45	\$ (197)	\$ 324	
Sherburne	Big Lake	\$ 50,658	\$ 1,266	\$ 755	\$ 12,665	\$ 317	\$ 158	\$ (70)	\$ (195)	\$ -	
Hennepin	Long Lake	\$ 55,139	\$ 1,378	\$ 841	\$ 13,785	\$ 345	\$ 141	\$ (23)	\$ (193)	\$ 323	
Blue Earth	North Mankato	\$ 48,816	\$ 1,220	\$ 729	\$ 12,204	\$ 305	\$ 111	\$ (27)	\$ (187)	\$ 374	
Hennepin	Tonka Bay	\$ 84,879	\$ 2,122	\$ 1,406	\$ 21,220	\$ 530	\$ 177	\$ 134	\$ (186)	\$ 648	
Hennepin	New Hope	\$ 46,795	\$ 1,170	\$ 695	\$ 11,699	\$ 292	\$ (182)	\$ 258	\$ (182)	\$ 369	
Rice	Faribault	\$ 40,865	\$ 1,022	\$ 584	\$ 10,216	\$ 255	\$ 89	\$ (50)	\$ (182)	\$ 60	
Winona	Winona	\$ 32,845	\$ 821	\$ 439	\$ 8,211	\$ 205	\$ 2	\$ (8)	\$ (177)	\$ 1,604	
Washington	Willernie	\$ 42,500	\$ 1,063	\$ 630	\$ 10,625	\$ 266	\$ 2	\$ 63	\$ (167)	\$ 1,015	
Ramsey	Arden Hills	\$ 64,773	\$ 1,619	\$ 1,051	\$ 16,193	\$ 405	\$ 92	\$ 115	\$ (164)	\$ -	
Hennepin	Bloomington	\$ 54,628	\$ 1,366	\$ 861	\$ 13,657	\$ 341	\$ (164)	\$ 307	\$ (164)	\$ -	
Hennepin	Hopkins	\$ 39,203	\$ 980	\$ 575	\$ 9,801	\$ 245	\$ 42	\$ 9	\$ (160)	\$ 258	
Anoka	Anoka	\$ 42,659	\$ 1,066	\$ 640	\$ 10,665	\$ 267	\$ 70	\$ 3	\$ (160)	\$ -	
Anoka	Columbia Heights	\$ 40,562	\$ 1,014	\$ 612	\$ 10,141	\$ 254	\$ (1)	\$ 72	\$ (149)	\$ -	
Hennepin	St. Bonifacius	\$ 65,446	\$ 1,636	\$ 1,091	\$ 16,362	\$ 409	\$ 148	\$ 91	\$ (136)	\$ 514	
Washington	Landfall	\$ 31,136	\$ 778	\$ 450	\$ 7,784	\$ 195	\$ 28	\$ (1)	\$ (133)	\$ 292	
Hennepin	Maple Plain	\$ 50,938	\$ 1,273	\$ 826	\$ 12,735	\$ 318	\$ 227	\$ (72)	\$ (129)	\$ 333	
Anoka	Spring Lake Park (Multi-County)	\$ -	\$ -	\$ (121)	\$ -	\$ -	\$ (73)	\$ (82)	\$ (121)	\$ 503	

Comparison of estimated costs with water and sewer charges

County	City/Township Name	Median household income (1999)	2.5% of median household income	Affordability test for MHI	Estimated median of 1st quintile**	2.5% (est.) of MHI in 1st quintile	Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household	Total W&S values for graphing
Dakota	South St. Paul	\$ 45,216	\$ 1,130	\$ 729	\$ 11,304	\$ 283	\$ 149	\$ (19)	\$ (119)	\$ 489
Houston	La Crescent	\$ 45,433	\$ 1,136	\$ 737	\$ 11,358	\$ 284	\$ 69	\$ 66	\$ (115)	\$ 284
Olmsted	Rochester	\$ 49,090	\$ 1,227	\$ 810	\$ 12,273	\$ 307	\$ 149	\$ 14	\$ (110)	\$ 414
Steele	Owatonna	\$ 45,660	\$ 1,142	\$ 750	\$ 11,415	\$ 285	\$ 41	\$ 105	\$ (106)	\$ 394
Washington	Stillwater	\$ 57,154	\$ 1,429	\$ 968	\$ 14,289	\$ 357	\$ 167	\$ 52	\$ (104)	\$ 611
Ramsey	New Brighton	\$ 52,856	\$ 1,321	\$ 887	\$ 13,214	\$ 330	\$ 134	\$ 58	\$ (104)	\$ 368
Ramsey	Mounds View	\$ 51,974	\$ 1,299	\$ 871	\$ 12,994	\$ 325	\$ 122	\$ 66	\$ (103)	\$ 367
Rice	Northfield	\$ 49,972	\$ 1,249	\$ 842	\$ 12,493	\$ 312	\$ 155	\$ 28	\$ (95)	\$ 377
Benton	Sauk Rapids	\$ 45,857	\$ 1,146	\$ 776	\$ 11,464	\$ 287	\$ 120	\$ 49	\$ (83)	\$ 468
Hennepin	Crystal	\$ 48,736	\$ 1,218	\$ 833	\$ 12,184	\$ 305	\$ 84	\$ 107	\$ (81)	\$ -
Dakota	Hastings	\$ 53,145	\$ 1,329	\$ 917	\$ 13,286	\$ 332	\$ 87	\$ 132	\$ (79)	\$ 227
Scott	Shakopee	\$ 59,137	\$ 1,478	\$ 1,032	\$ 14,784	\$ 370	\$ 145	\$ 114	\$ (76)	\$ 475
Ramsey	North St. Paul	\$ 50,923	\$ 1,273	\$ 880	\$ 12,731	\$ 318	\$ 125	\$ 84	\$ (75)	\$ 376
Hennepin	Richfield	\$ 45,519	\$ 1,138	\$ 780	\$ 11,380	\$ 284	\$ (73)	\$ 250	\$ (73)	\$ 412
Benton	Sartell (Multi-County)	\$ 52,531	\$ 1,313	\$ 1,219	\$ 13,133	\$ 328	\$ 234	\$ 294	\$ 234	\$ 458
Hennepin	Minnnetonka	\$ 69,979	\$ 1,749	\$ 1,241	\$ 17,495	\$ 437	\$ (71)	\$ 403	\$ (71)	\$ 350
Scott	Savage	\$ 75,097	\$ 1,877	\$ 1,337	\$ 18,774	\$ 469	\$ (71)	\$ 435	\$ (71)	\$ 474
Martin	Fairmont	\$ 33,709	\$ 843	\$ 562	\$ 8,427	\$ 211	\$ (70)	\$ 177	\$ (70)	\$ -
Washington	Newport	\$ 45,373	\$ 1,134	\$ 787	\$ 11,343	\$ 284	\$ 140	\$ 46	\$ (64)	\$ 373
Hennepin	St. Louis Park	\$ 49,260	\$ 1,232	\$ 861	\$ 12,315	\$ 308	\$ 129	\$ 82	\$ (62)	\$ 582
Washington	Oakdale	\$ 56,299	\$ 1,407	\$ 997	\$ 14,075	\$ 352	\$ 152	\$ 107	\$ (58)	\$ 385
Hennepin	Robbinsdale	\$ 48,271	\$ 1,207	\$ 847	\$ 12,068	\$ 302	\$ 131	\$ 78	\$ (58)	\$ 414
Washington	St. Paul Park	\$ 50,805	\$ 1,270	\$ 894	\$ 12,701	\$ 318	\$ 125	\$ 100	\$ (58)	\$ 603
Stearns	St. Joseph	\$ 38,938	\$ 973	\$ 675	\$ 9,735	\$ 243	\$ 115	\$ 39	\$ (55)	\$ 551
Hennepin	Mound	\$ 60,671	\$ 1,517	\$ 1,087	\$ 15,168	\$ 379	\$ 204	\$ 91	\$ (50)	\$ 365
Hennepin	Brooklyn Center	\$ 44,570	\$ 1,114	\$ 787	\$ 11,143	\$ 279	\$ 126	\$ 70	\$ (48)	\$ -
Ramsey	Blaine (Multi-County)	\$ -	\$ -	\$ (34)	\$ -	\$ -	\$ (34)	\$ (34)	\$ (34)	\$ -
Hennepin	Fort Snelling Unorganized	\$ -	\$ -	\$ (34)	\$ -	\$ -	\$ (34)	\$ (34)	\$ (34)	\$ 126
Stearns	St. Cloud (Multi-County)	\$ -	\$ -	\$ (34)	\$ -	\$ -	\$ (34)	\$ (34)	\$ (34)	\$ 535
Clay	Dilworth	\$ 34,571	\$ 864	\$ 615	\$ 8,643	\$ 216	\$ (33)	\$ 182	\$ (33)	\$ -
Anoka	Lexington	\$ 41,618	\$ 1,040	\$ 750	\$ 10,405	\$ 260	\$ 125	\$ 70	\$ (30)	\$ 306
Dakota	Farmington	\$ 61,864	\$ 1,547	\$ 1,136	\$ 15,466	\$ 387	\$ 190	\$ 139	\$ (24)	\$ 61
Dakota	Rosemount	\$ 65,916	\$ 1,648	\$ 1,216	\$ 16,479	\$ 412	\$ 206	\$ 152	\$ (20)	\$ 441
Hennepin	Brooklyn Park	\$ 56,572	\$ 1,414	\$ 1,052	\$ 14,143	\$ 354	\$ 142	\$ 170	\$ (9)	\$ -
Carver	Chaska	\$ 60,325	\$ 1,508	\$ 1,124	\$ 15,081	\$ 377	\$ 214	\$ 122	\$ (7)	\$ -
Hennepin	Edina	\$ 66,019	\$ 1,650	\$ 1,231	\$ 16,505	\$ 413	\$ (7)	\$ 379	\$ (7)	\$ -
Ramsey	Vadnais Heights	\$ 60,804	\$ 1,520	\$ 1,142	\$ 15,201	\$ 380	\$ 195	\$ 153	\$ 2	\$ 657
Dakota	Burnsville	\$ 57,965	\$ 1,449	\$ 1,092	\$ 14,491	\$ 362	\$ 183	\$ 150	\$ 5	\$ -
Dakota	West St. Paul	\$ 41,103	\$ 1,028	\$ 777	\$ 10,276	\$ 257	\$ 223	\$ 6	\$ 6	\$ 847
Ramsey	White Bear Lake (Multi-County)	\$ 52,941	\$ 1,324	\$ 1,132	\$ 13,235	\$ 331	\$ 236	\$ 200	\$ 139	\$ 875
Carver	Chanhassen	\$ 84,215	\$ 2,105	\$ 1,597	\$ 21,054	\$ 526	\$ 18	\$ 492	\$ 18	\$ -
Anoka	Coon Rapids	\$ 55,550	\$ 1,389	\$ 1,069	\$ 13,888	\$ 347	\$ 183	\$ 159	\$ 28	\$ -
Wright	St. Michael	\$ 69,903	\$ 1,748	\$ 1,340	\$ 17,476	\$ 437	\$ 319	\$ 112	\$ 29	\$ 589
Hennepin	Champlin	\$ 65,831	\$ 1,646	\$ 1,266	\$ 16,458	\$ 411	\$ 174	\$ 235	\$ 32	\$ -
Anoka	Circle Pines	\$ 60,469	\$ 1,512	\$ 1,172	\$ 15,117	\$ 378	\$ 198	\$ 185	\$ 38	\$ -
Hennepin	Eden Prairie	\$ 78,328	\$ 1,958	\$ 1,510	\$ 19,582	\$ 490	\$ 220	\$ 277	\$ 41	\$ -
Ramsey	Shoreview	\$ 69,719	\$ 1,743	\$ 1,350	\$ 17,430	\$ 436	\$ 252	\$ 193	\$ 43	\$ 475
Washington	Mahtomedi	\$ 72,215	\$ 1,805	\$ 1,398	\$ 18,054	\$ 451	\$ 247	\$ 215	\$ 44	\$ 326
Dakota	Inver Grove Heights	\$ 59,090	\$ 1,477	\$ 1,152	\$ 14,773	\$ 369	\$ 191	\$ 189	\$ 44	\$ 278
Sherburne	Elk River	\$ 58,114	\$ 1,453	\$ 1,136	\$ 14,529	\$ 363	\$ 193	\$ 182	\$ 46	\$ -
Anoka	Blaine (Multi-County)	\$ 59,219	\$ 1,480	\$ 1,161	\$ 14,805	\$ 370	\$ 222	\$ 165	\$ 51	\$ -
Ramsey	Maplewood	\$ 51,596	\$ 1,290	\$ 1,028	\$ 12,899	\$ 322	\$ 288	\$ 61	\$ 61	\$ 336
Anoka	Centerville	\$ 63,696	\$ 1,592	\$ 1,266	\$ 15,924	\$ 398	\$ 232	\$ 204	\$ 72	\$ -
Dakota	Lilydale	\$ 54,792	\$ 1,370	\$ 1,108	\$ 13,698	\$ 342	\$ 308	\$ 80	\$ 80	\$ 306
Dakota	Eagan	\$ 67,388	\$ 1,685	\$ 1,345	\$ 16,847	\$ 421	\$ 246	\$ 223	\$ 82	\$ -
Washington	Hugo	\$ 63,450	\$ 1,586	\$ 1,278	\$ 15,863	\$ 397	\$ 88	\$ 363	\$ 88	\$ 260
Washington	Birchwood Village	\$ 81,941	\$ 2,049	\$ 1,628	\$ 20,485	\$ 512	\$ 364	\$ 205	\$ 92	\$ -
Hennepin	Maple Grove	\$ 76,111	\$ 1,903	\$ 1,521	\$ 19,028	\$ 476	\$ 296	\$ 239	\$ 94	\$ 328
Scott	Prior Lake	\$ 75,363	\$ 1,884	\$ 1,517	\$ 18,841	\$ 471	\$ 301	\$ 240	\$ 104	\$ 399
Washington	Woodbury	\$ 76,109	\$ 1,903	\$ 1,531	\$ 19,027	\$ 476	\$ 299	\$ 247	\$ 104	\$ 2,163
Dakota	Lakeville	\$ 72,404	\$ 1,810	\$ 1,462	\$ 18,101	\$ 453	\$ 268	\$ 255	\$ 104	\$ 291
Hennepin	Plymouth	\$ 77,008	\$ 1,925	\$ 1,556	\$ 19,252	\$ 481	\$ 308	\$ 251	\$ 112	\$ 398
Washington	Lake Elmo	\$ 76,876	\$ 1,922	\$ 1,562	\$ 19,219	\$ 480	\$ 394	\$ 172	\$ 120	\$ 285
Dakota	Apple Valley	\$ 69,752	\$ 1,744	\$ 1,432	\$ 17,438	\$ 436	\$ 124	\$ 402	\$ 124	\$ -

Comparison of estimated costs with water and sewer charges

County	City/Township Name	Median household income (1999)	2.5% of median household income	Affordability test for MHI	Estimated median of 1st quintile**	2.5% (est.) of MHI in 1st quintile	Total water expenses per household	Total sewer expenses per household	Total water & sewer expenses per household	Total W&S values for graphing
Dakota	Mendota	\$ 45,938	\$ 1,148	\$ 991	\$ 11,485	\$ 287	\$ 253	\$ 130	\$ 130	\$ 344
Washington	Cottage Grove	\$ 65,825	\$ 1,646	\$ 1,373	\$ 16,456	\$ 411	\$ 247	\$ 269	\$ 139	\$ -
Hennepin	Minnetrista	\$ 69,979	\$ 1,749	\$ 1,459	\$ 17,495	\$ 437	\$ 299	\$ 251	\$ 147	\$ 354
Hennepin	Orono	\$ 88,314	\$ 2,208	\$ 1,805	\$ 22,079	\$ 552	\$ 407	\$ 259	\$ 149	\$ 391
Anoka	Lino Lakes	\$ 75,708	\$ 1,893	\$ 1,573	\$ 18,927	\$ 473	\$ 291	\$ 302	\$ 154	\$ 313
Carver	Victoria	\$ 86,772	\$ 2,169	\$ 1,781	\$ 21,693	\$ 542	\$ 335	\$ 327	\$ 154	\$ 668
Hennepin	Shorewood	\$ 96,589	\$ 2,415	\$ 1,971	\$ 24,147	\$ 604	\$ 390	\$ 340	\$ 160	\$ 477
Stearns	Waite Park	\$ 33,803	\$ 845	\$ 811	\$ 8,451	\$ 211	\$ 177	\$ 177	\$ 177	\$ 672
Sherburne	Monticello	\$ 45,384	\$ 1,135	\$ 1,040	\$ 11,346	\$ 284	\$ 250	\$ 189	\$ 189	\$ 357
Sherburne	St. Cloud (Multi-County)	\$ 37,346	\$ 934	\$ 900	\$ 9,337	\$ 233	\$ 199	\$ 199	\$ 199	\$ 546
Ramsey	Lauderdale	\$ 39,063	\$ 977	\$ 943	\$ 9,766	\$ 244	\$ 210	\$ 210	\$ 210	\$ 293
St. Louis	Midway Township	\$ 42,411	\$ 1,060	\$ 1,026	\$ 10,603	\$ 265	\$ 231	\$ 231	\$ 231	\$ 347
Hennepin	Osseo	\$ 42,685	\$ 1,067	\$ 1,033	\$ 10,671	\$ 267	\$ 233	\$ 233	\$ 233	\$ 392
Anoka	Andover	\$ 76,241	\$ 1,906	\$ 1,669	\$ 19,060	\$ 477	\$ 344	\$ 338	\$ 240	\$ -
Stearns	St. Joseph Township	\$ 45,396	\$ 1,135	\$ 1,101	\$ 11,349	\$ 284	\$ 250	\$ 250	\$ 250	\$ 554
Dakota	Mendota Heights	\$ 45,938	\$ 1,148	\$ 1,114	\$ 11,485	\$ 287	\$ 253	\$ 253	\$ 253	\$ 346
St. Louis	Duluth Township	\$ 46,118	\$ 1,153	\$ 1,119	\$ 11,530	\$ 288	\$ 254	\$ 254	\$ 254	\$ -
Ramsey	Spring Lake Park (Multi-County)	\$ 46,646	\$ 1,166	\$ 1,132	\$ 11,662	\$ 292	\$ 258	\$ 258	\$ 258	\$ 503
Hennepin	Medina	\$ 88,847	\$ 2,221	\$ 1,930	\$ 22,212	\$ 555	\$ 388	\$ 397	\$ 264	\$ 342
Winona	Dresbach Township	\$ 47,813	\$ 1,195	\$ 1,161	\$ 11,953	\$ 299	\$ 265	\$ 265	\$ 265	\$ -
Anoka	Ramsey	\$ 68,988	\$ 1,725	\$ 1,564	\$ 17,247	\$ 431	\$ 332	\$ 336	\$ 271	\$ 404
St. Louis	Hermantown Township	\$ 49,861	\$ 1,247	\$ 1,213	\$ 12,465	\$ 312	\$ 278	\$ 278	\$ 278	\$ 246
Scott	Jackson Township	\$ 50,263	\$ 1,257	\$ 1,223	\$ 12,566	\$ 314	\$ 280	\$ 280	\$ 280	\$ 283
Benton	Watab Township	\$ 50,604	\$ 1,265	\$ 1,231	\$ 12,651	\$ 316	\$ 282	\$ 282	\$ 282	\$ 682
St. Louis	Rice Lake Township	\$ 51,341	\$ 1,284	\$ 1,250	\$ 12,835	\$ 321	\$ 287	\$ 287	\$ 287	\$ 410
Ramsey	Falcon Heights	\$ 51,382	\$ 1,285	\$ 1,251	\$ 12,846	\$ 321	\$ 287	\$ 287	\$ 287	\$ 5
Washington	White Bear Lake (Multi-County)	\$ 52,941	\$ 1,324	\$ 1,290	\$ 13,235	\$ 331	\$ 297	\$ 297	\$ 297	\$ 891
Ramsey	St. Anthony (Multi-County)	\$ 54,031	\$ 1,351	\$ 1,317	\$ 13,508	\$ 338	\$ 304	\$ 304	\$ 304	\$ 511
Clay	Moorhead Township	\$ 54,286	\$ 1,357	\$ 1,323	\$ 13,572	\$ 339	\$ 305	\$ 305	\$ 305	\$ 359
Stearns	Brockway Township	\$ 54,375	\$ 1,359	\$ 1,325	\$ 13,594	\$ 340	\$ 306	\$ 306	\$ 306	\$ -
Carver	Chaska Township	\$ 54,375	\$ 1,359	\$ 1,325	\$ 13,594	\$ 340	\$ 306	\$ 306	\$ 306	\$ -
Ramsey	Gem Lake	\$ 64,167	\$ 1,604	\$ 1,511	\$ 16,042	\$ 401	\$ 367	\$ 307	\$ 307	\$ 203
Hennepin	Greenwood	\$ 102,719	\$ 2,568	\$ 2,250	\$ 25,680	\$ 642	\$ 608	\$ 324	\$ 324	\$ 216
Houston	La Crescent Township	\$ 58,603	\$ 1,465	\$ 1,431	\$ 14,651	\$ 366	\$ 332	\$ 332	\$ 332	\$ 285
Benton	Minden Township	\$ 58,584	\$ 1,471	\$ 1,437	\$ 14,714	\$ 368	\$ 334	\$ 334	\$ 334	\$ 348
Hennepin	Deephaven	\$ 101,278	\$ 2,532	\$ 2,238	\$ 25,320	\$ 633	\$ 571	\$ 367	\$ 339	\$ -
Clay	Oakport Township	\$ 60,400	\$ 1,510	\$ 1,476	\$ 15,100	\$ 378	\$ 344	\$ 344	\$ 344	\$ 387
Stearns	Le Sauk Township	\$ 60,750	\$ 1,519	\$ 1,485	\$ 15,188	\$ 380	\$ 346	\$ 346	\$ 346	\$ 294
Benton	Sauk Rapids Township	\$ 61,161	\$ 1,529	\$ 1,495	\$ 15,290	\$ 382	\$ 348	\$ 348	\$ 348	\$ 471
Olmsted	Marion Township	\$ 61,470	\$ 1,537	\$ 1,503	\$ 15,368	\$ 384	\$ 350	\$ 350	\$ 350	\$ 336
Anoka	Burns Township	\$ 63,819	\$ 1,595	\$ 1,561	\$ 15,955	\$ 399	\$ 365	\$ 365	\$ 365	\$ -
Sherburne	Haven Township	\$ 63,906	\$ 1,598	\$ 1,564	\$ 15,977	\$ 399	\$ 365	\$ 365	\$ 365	\$ 228
Sherburne	Big Lake Township	\$ 65,185	\$ 1,630	\$ 1,596	\$ 16,296	\$ 407	\$ 373	\$ 373	\$ 373	\$ -
Hennepin	Independence	\$ 79,126	\$ 1,978	\$ 1,864	\$ 19,782	\$ 495	\$ 461	\$ 381	\$ 381	\$ 274
Hennepin	Dayton	\$ 66,875	\$ 1,672	\$ 1,638	\$ 16,719	\$ 418	\$ 384	\$ 384	\$ 384	\$ -
Anoka	East Bethel	\$ 67,388	\$ 1,685	\$ 1,651	\$ 16,847	\$ 421	\$ 387	\$ 387	\$ 387	\$ -
Anoka	Ham Lake	\$ 67,750	\$ 1,694	\$ 1,660	\$ 16,938	\$ 423	\$ 389	\$ 389	\$ 389	\$ 226
Dakota	Empire Township	\$ 68,500	\$ 1,713	\$ 1,679	\$ 17,125	\$ 428	\$ 394	\$ 394	\$ 394	\$ -
Anoka	Oak Grove	\$ 70,169	\$ 1,754	\$ 1,715	\$ 17,542	\$ 439	\$ 405	\$ 399	\$ 399	\$ 383
Ramsey	White Bear Township	\$ 70,000	\$ 1,750	\$ 1,716	\$ 17,500	\$ 438	\$ 404	\$ 404	\$ 404	\$ 957
Hennepin	Medicine Lake	\$ 70,750	\$ 1,789	\$ 1,735	\$ 17,688	\$ 442	\$ 408	\$ 408	\$ 408	\$ 338
Carver	Laketown Township	\$ 75,000	\$ 1,875	\$ 1,841	\$ 18,750	\$ 469	\$ 435	\$ 435	\$ 435	\$ 285
Olmsted	Haverhill Township	\$ 75,343	\$ 1,884	\$ 1,850	\$ 18,836	\$ 471	\$ 437	\$ 437	\$ 437	\$ 239
Scott	Credit River Township	\$ 78,501	\$ 1,963	\$ 1,929	\$ 19,625	\$ 491	\$ 457	\$ 457	\$ 457	\$ -
Hennepin	Corcoran	\$ 78,984	\$ 1,975	\$ 1,941	\$ 19,746	\$ 494	\$ 460	\$ 460	\$ 460	\$ -
Scott	Louisville Township	\$ 79,242	\$ 1,981	\$ 1,947	\$ 19,811	\$ 495	\$ 461	\$ 461	\$ 461	\$ 326
Scott	Spring Lake Township	\$ 80,141	\$ 2,004	\$ 1,970	\$ 20,035	\$ 501	\$ 467	\$ 467	\$ 467	\$ 503
Olmsted	Rochester Township	\$ 81,789	\$ 2,045	\$ 2,011	\$ 20,447	\$ 511	\$ 477	\$ 477	\$ 477	\$ 427
Olmsted	Cascade Township	\$ 84,619	\$ 2,115	\$ 2,081	\$ 21,155	\$ 529	\$ 495	\$ 495	\$ 495	\$ -
Hennepin	Minnetonka Beach	\$ 150,912	\$ 3,773	\$ 3,390	\$ 37,728	\$ 943	\$ 713	\$ 757	\$ 561	\$ 351
Washington	West Lakeland Township	\$ 96,256	\$ 2,406	\$ 2,372	\$ 24,064	\$ 602	\$ 568	\$ 568	\$ 568	\$ 750
Washington	Grant	\$ 98,228	\$ 2,456	\$ 2,422	\$ 24,557	\$ 614	\$ 580	\$ 580	\$ 580	\$ 215
Hennepin	Woodland	\$ 153,881	\$ 3,847	\$ 3,485	\$ 38,470	\$ 962	\$ 804	\$ 724	\$ 600	\$ 2,611
Washington	Pine Springs	\$ 102,496	\$ 2,562	\$ 2,528	\$ 25,624	\$ 641	\$ 607	\$ 607	\$ 607	\$ 395

