



Trade Centers of the
Upper Midwest
1999 Update

CURA

Center for Urban and Regional Affairs

UNIVERSITY OF MINNESOTA

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1999 Update

Final Report

Prepared by
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Center for Urban and Regional Affairs

June, 1999

The content of this report is the responsibility of the author and is not necessarily endorsed by CURA.

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Background

More than 35 years ago, *Trade Centers and Trade Areas of the Upper Midwest*¹ described the system of central places that characterized an important region of the U.S. Geographically, its definition centered on Minnesota, but the region also included Montana, North and South Dakota, and part of Wisconsin. Its taxonomy of trade centers defined an eight-level hierarchy of places, with metropolitan areas at the top and hamlets at the base. This taxonomy has since proved valuable to policy makers and researchers.

Using the 1963 study as a starting point, another report, *Trade Centers of the Upper Midwest: Changes from 1960 to 1989*,² increased the scope and updated the picture of what was happening economically in the region. Underpinning its analytical model were computerized data sets describing a seven-state region (Iowa, Minnesota, Montana, Nebraska, North Dakota, South Dakota, and Wisconsin). These data, acquired from outside sources, detailed types of business establishments and demographic information, all collected at the zip code level.

When aggregated and analyzed, the data described a complex system that was continuing to evolve. Dramatic economic and spatial changes had occurred across the region, and the report portrayed these changes in several

¹ John R. Borchert and Russell B. Adams, *Trade Centers and Trade Areas of the Upper Midwest*, Upper Midwest Economic Study, Urban Report No. 3, CURA, University of Minnesota (1963).

² Thomas L. Anding, John S. Adams, William Casey, Sandra de Montille, and Miriam Goldfein, *Trade Centers of the Upper Midwest: Changes from 1960 to 1989*, Center for Urban and Regional Affairs, Publication No. CURA 90-12, University of Minnesota (1990).

different ways: as measurable shifts in the importance of particular cities and towns, as changes in the role of entire levels in the overall system, and as maps reflecting movements toward centralization.

Models of this sort can be valuable in documenting distributions of economic activity across a region and describing the importance of individual cities or groups of cities. Beyond that, gaining insight into the changing structure of towns and cities—as they grow or shrink, take on new roles, and become more or less economically significant in a larger, overall system—can also be beneficial.

There is no single way to assess the robustness of a place or a region in its many dimensions, regardless of how many measures are collected and analyzed. The method employed here, though, goes beyond simply looking at population to assessing as well levels of economic activity based on the number of local businesses and their mix.

This Update—Using 1998 Data

Working in cooperation with the Minnesota Department of Transportation (MnDOT), the University of Minnesota's Center for Urban and Regional Affairs (CURA) acquired 1998 demographic data from the Claritas Corp. and 1998 business data files from Dun & Bradstreet. These served as a starting point for the 1999 update to the trade centers structure documented in the 1990 analysis. Throughout the study, references to specific data refer to these 1998 data sets.

MnDOT's primary interest in the new study is in identifying those Minnesota trade centers serving relatively large geographic areas (i.e., Levels 0 - 3); consequently, the analysis does not focus on settlements at the bottom of the trade center hierarchy (i.e., Level 6 Convenience Centers and Level 7 Hamlets). Nevertheless, the data acquired allowed analysis of all levels of the hierarchy for the entire seven-state study area. Table 1 identifies all eight levels of the hierarchy, shows the number of cities at each level, and lists example communities in each level.

Table 1

Examples of Regional Trade Center Communities

Level 7	Level 6	Level 5	Level 4	Level 3	Level 2	Level 1	Level 0
Hamlet	Minimum Convenience Center	Full Convenience Center	Partial Shopping Center	Complete Shopping Center	Secondary Wholesale/Retail Center	Primary Wholesale/Retail Center	Major Metro Area
Number of Cities							
2036*	1049*	260	239	132	103	18	8
Example Cities							
Brewster (MN)	Goodhue (MN)	Mahnomen (MN)	Blue Earth (MN)	Wahpeton (ND)	Bemidji (MN)	Duluth (MN)	Twin Cities (MN)
Bigelow (MN)	Montrose (MN)	Central City (IA)	Eldridge (IA)	Montevideo (MN)	Mankato (MN)	Fargo (ND)	Milwaukee (WI)
Frost (MN)	Tower (MN)	Flandrau (SD)	Spooner (WI)	Livingston (MT)	Iowa City (IA)	Cedar Rapids (IA)	Des Moines (IA)

*1989 Data

The methodology produces a hierarchy based on population and the numbers and types of business establishments. Changes over time are measured by comparing indices established in previous studies (1963 and 1990) with those derived from the current effort.

The methodology uses nine variables to determine the level in the hierarchy of each community in the seven states (see Table 2).

Table 2

Demographic and Business Variables

Variable	Description
Population	Population of Regional Trade Center zip code(s)
Construction Establishments	Number of establishments in SIC 15, 16, 17
Commercial Service Establishments	Number of establishments in SIC 70-80, 82-84, 87-88
Manufacturing Establishments	Number of establishments in SIC 20-39
Professional Service Establishments	Number of establishments in SIC 60-67, 81, 86, 89
Retail Establishments	Number of establishments in SIC 52-59
Transportation Establishments	Number of establishments in SIC 41-49
Wholesale Establishments	Number of establishments in SIC 50 and 51
Total Establishments	Sum of all establishments

Note: SIC codes 7, 8, 9, 10, 13, and 14 were not included in the study

Data Acquisition and Methods

The 1998 Dun & Bradstreet data contained nearly 300,000 individual records. Each record details the number of businesses with a particular four-digit Standard Industrial Classification (e.g., “2011—Meat packing plants,” “5945—Hobby, toy and game stores,” and “8062—General medical and surgical hospitals”) located in a specific zip code across the seven-state study area. Their data records also indicate the sizes of business establishments reported, based on the number of employees at the site. Unfortunately, a high proportion of the data reports size of business as “unavailable,” so size of firms could not be considered in this analysis.

Claritas Corporation supplied a data set describing each zip code in the United States in terms of selected demographic variables. This data set also included boundary information for each zip code, allowing the use of mapping software programs.

The approach in using these new data sets was to update the previous models in a manner as consistent as possible with the analyses of 1963 and 1990. In other words, this work does not introduce, or attempt to introduce, new methodologies into the process of determining the hierarchy of trade centers. At the same time, it has been a priority to document carefully methodological and operational issues as they arose and to prepare a set of guidelines to assist future researchers with any subsequent analyses—whether next year or a decade from now.

Data Operations and Analysis—1999

At a very general level, there are six steps in dealing with the new data sets. Each step noted below has, in most instances, numerous sub-steps.

- 1) **Derive Zip Tables**—Zip code master tables for the Upper Midwest were derived from the U.S. data files supplied by Claritas.
- 2) **Validate Establishment Records**—Dun & Bradstreet’s business establishment records were examined for legal zip codes as determined above. Other integrity checks on these records were carried out as

well. The number of business establishments in each state in the seven-state study area is listed in Table 3.

Table 3
Number of Business Establishments by State
(1999 Update)

State	Number of Establishments
Iowa	143,713
Minnesota	216,610
Montana	47,314
Nebraska	72,703
North Dakota	34,658
South Dakota	38,842
Wisconsin	194,109
TOTAL	747,949

- 3) **Define Zip/Place Geography**—The geography of the study region was established at the zip code level, which is the lowest geographic unit at which business data are available. This process involved identifying all places in the seven states that might be made up of more than one zip code. Because zip codes are ill behaving in several respects, any or all of several factors had to be considered when making this decision.

The Postal Service name for a place is the starting point in this process of evaluating small cities and towns. Zip codes were automatically aggregated if they had the same Post Office name. A Minnesota example is Mankato, which is the Post Office name for zip codes 56001 and 56003. As zip codes do not normally follow municipal boundaries, the aggregated areas typically do not correspond to municipal entities.

In some cases, though, additional zip codes surrounding a Regional Trade Center appeared to be candidates for inclusion into the trade center, even though their postal names were different. The matter of surrounding areas was an issue whether the trade center consisted of one zip code or several aggregated ones.

The presumption was not to aggregate surrounding zip code(s) unless there was a strong case to do so. Such a strong case would be the presence of contiguous, continuous built-up areas that make one trade center hard to distinguish from a neighboring trade center with a different zip code.

Three general criteria were used to decide whether or not to consider zip codes with different Post Office names as one area:

- a. Zip codes were aggregated if the built-up area from one zip code merged with the built-up area of another zip code.
This was the primary determinant in deciding whether to aggregate zip codes. Strip development along major highways often contributes to continuous, built-up urbanized areas.
- b. Zip codes were considered for aggregation if a trade center's municipal boundary "splashed" over into a neighboring zip code AND
 - (1) the neighboring zip code represented more than ten percent of the firms in the trade center (conversely, when the number of businesses was less than five percent, the outlying zip code was **not** aggregated)AND
 - (2) the physical area of the outlying zip code was smaller rather than larger so that the centroid of the neighboring zip code was not too far from the trade center.
- c. Zip codes were less likely to be candidates for aggregation when they were separated by a river. Rivers may act as natural barriers to the free flow of cars and economic activity, especially in smaller places.

Decisions about aggregation were informed further by information derived from GIS mapping (i.e., zip code boundaries, highways, municipal boundaries, and urbanized areas) and aerial photos. Applying these decision rules in conjunction with the factors previously noted resulted in relatively few zip code aggregations; in fact, only 56 of the 760 Regional Trade Centers in the seven-state study area included two or more zip codes.

In Minnesota, the list of Regional Trade Centers with more than one zip code includes:

- Brainerd (added: Baxter)
 - Detroit Lakes (2 zip codes with Detroit Lakes Post Office name)
 - Duluth (11 zip codes with Duluth Post Office name)
 - Mankato (2 zip codes with Mankato Post Office name)
 - Moorhead (3 zip codes with Moorhead Post Office name)
 - Rochester (4 zip codes with Rochester Post Office name)
 - St. Cloud (3 St. Cloud zip codes plus Sartell, Sauk Rapids, and Waite Park)
 - Twin Cities Metro Area (157 aggregated zip codes)
- 4) **Update Control Tables**—Not all businesses are included in this model. Data records were culled on the basis of their SIC codes, and those included were aggregated into one of several groups. Data tables delineating the boundaries of the seven-county Minneapolis-St. Paul Metropolitan Area also were reexamined because zip code boundaries shift over time.
- 5) **Reduce Data**—A series of procedures starts with the preprocessed Dun & Bradstreet data. Dun & Bradstreet selects and aggregates establishment counts into one of the seven categories of SIC codes (i.e., construction, commercial services, manufacturing, professional services, retail, transportation, and wholesale). This yields the cornerstone data set on which the rating of places is carried out. The data for the 1999 update included 540,918 establishments in the 760 Level 0 - 5 Regional Trade Centers.
- 6) **Rate Places in the Trade Hierarchy**—The starting point for each community is its assigned 1990 level. Then, using the Dun & Bradstreet business data and the Claritas demographic data, averages

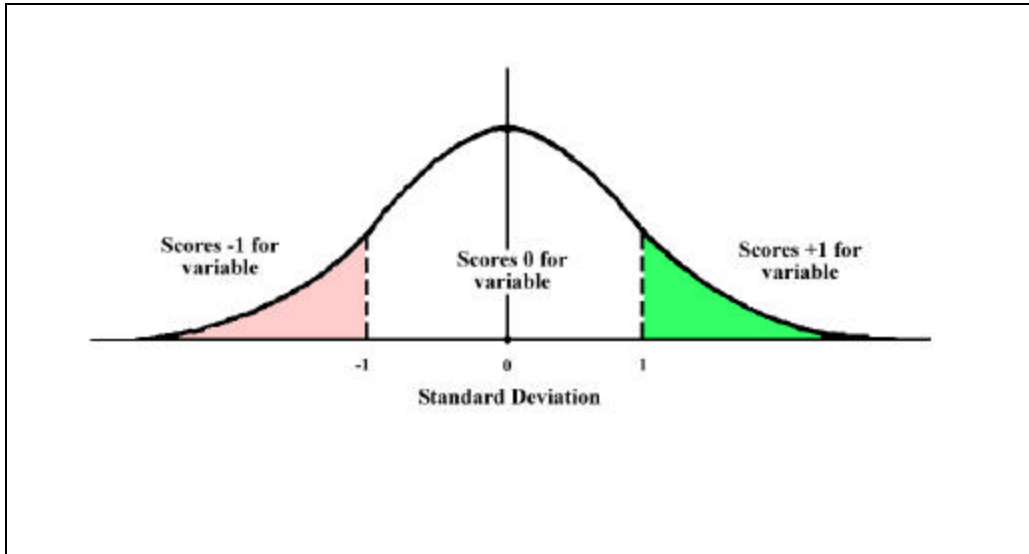
and standard deviations are calculated for each variable for each level. Each community is then compared to the average of that level in the hierarchy for each of the nine variables and given a value of -1 (if it is more than one standard deviation below the average), +1 (if it is more than one standard deviation above the average), or 0 (if it is within one standard deviation of the average).

Ashland, WI can be used as an example of this ranking system. Ashland, a Level 3 trade center, has a population of 13,287. The average population for a Level 3 trade center is 11,037, and the range of populations within one standard deviation of this average is 7,564 to 14,509. Therefore, Ashland received a score of 0 for the population category because it falls within one standard deviation of the mean. In the professional services category, Ashland's number of firms (112) is larger than the range of firms that fall within one standard deviation of the mean (71 to 111), so Ashland received a score of 1 for this category. In the wholesale category, Ashland's number of firms (16) falls below the range of firms that are within one standard deviation of the mean (17 to 36), so it received a score of -1 for this category.

If a community is more than one standard deviation above the average for at least six variables, it becomes a candidate for moving up one level. If it is more than one standard deviation below the average for at least six variables, it becomes a candidate for moving down one level. The communities that are candidates for moving up are then compared to the averages for the next highest level. If they fall within one standard deviation of the mean for at least four of the variables, they are promoted. The candidates for moving down are compared to the next lowest level. If they fall within one standard deviation of the mean for at least four of the variables, they are moved down one level. Figure 1 illustrates the scoring system.

Figure 1

Illustration of Scoring System for Each Variable



As a result of this analysis, levels for 1999 were established for all 760 cities. Table 4 shows the average population and average number of businesses for Level 0, 1, 2, and 3 Regional Trade Centers in the seven-state study area.

Table 4

Profile of Level 0, 1, 2, and 3 Regional Trade Centers
(1999 Update)

Level	0	1	2	3
Average Population	653,352	102,504	28,142	11,036
Average Number of Businesses				
Construction	1,340	281	81	35
Commercial Services	7,479	1,349	375	147
Manufacturing	1,684	217	70	29
Professional Services	6,167	1,002	255	91
Retail	4,302	906	269	107
Transportation	848	195	52	22
Wholesale	1,828	321	76	27
Total Businesses	23,649	4,270	1,178	458

Dun & Bradstreet's count of firms in specified industries was used to calculate a trade center's place in the regional hierarchy. Sales and reliable employment data might be better indicators, but comprehensive data are not available for all communities in the study area or the data are not available by zip code, the geographic unit on which the Regional Trade Center analysis is based.

Inherent in the methodology is that breadth in an economy is rewarded over depth in one or two industries. That is, it is better to have firms in a variety of industries than a few very large employers. For example, a place with an abundance of manufacturing facilities compared with others at the same level is able to advance to the next highest level only when it also has a significant retailing, wholesaling, and service presence.

The Appendix includes a state-by-state listing of Level 0 - 5 Regional Trade Centers in the study area along with their level in the 1990 study; level in the 1999 update; population; number of establishments by SIC code; and total number of establishments.

Evaluating the 1999 Regional Trade Centers System

The 1999 analysis identified 760 Level 0 to Level 5 Regional Trade Centers in the Upper Midwest (see Map 1, page 11, for Level 0 to Level 3 centers). Eight cities were classified at Level 0 (Major Metropolitan Areas), followed by 18 Level 1's (Primary Wholesale/Retail Centers); 103 Level 2's (Secondary Wholesale/Retail Centers); 132 Level 3's (Complete Shopping Centers); 239 Level 4's (Partial Shopping Centers); and 260 Level 5's (Full Convenience Centers).

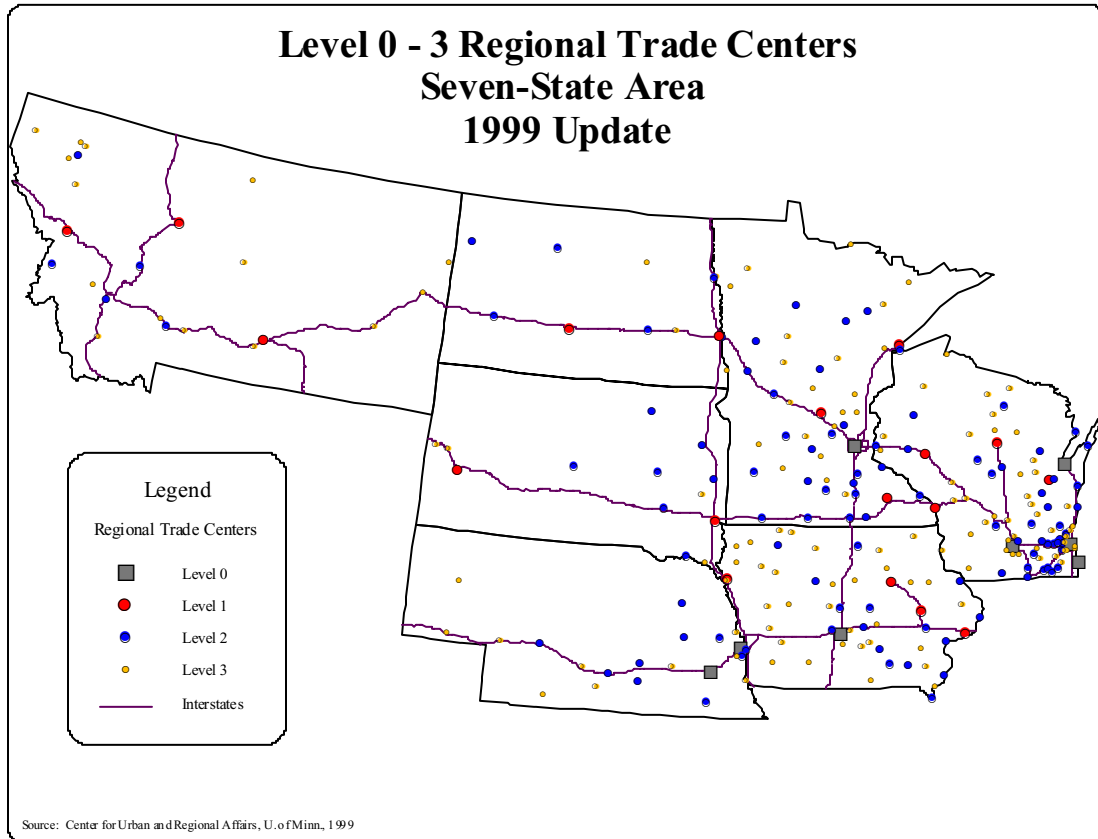
Overall, there is a stable framework of Upper Midwest places. Table 5 shows that the total number of Level 0 - 3 Regional Trade Centers has remained fairly consistent, increasing by only 16 over the nearly 40 years of the study. However, within this overall stability is the change that has occurred as specific trade centers move up or down in the hierarchy of places.

Table 5
 Number of Trade Centers by Level
 Seven State Study Area
 1963, 1990, 1999

Level	Number of Trade Centers 1963	Number of Trade Centers 1990	Number of Trade Centers 1999
Total 0 - 3	245	244	261
0	4	4	8
1	18	13	18
2	34	60	103
3	189	167	132

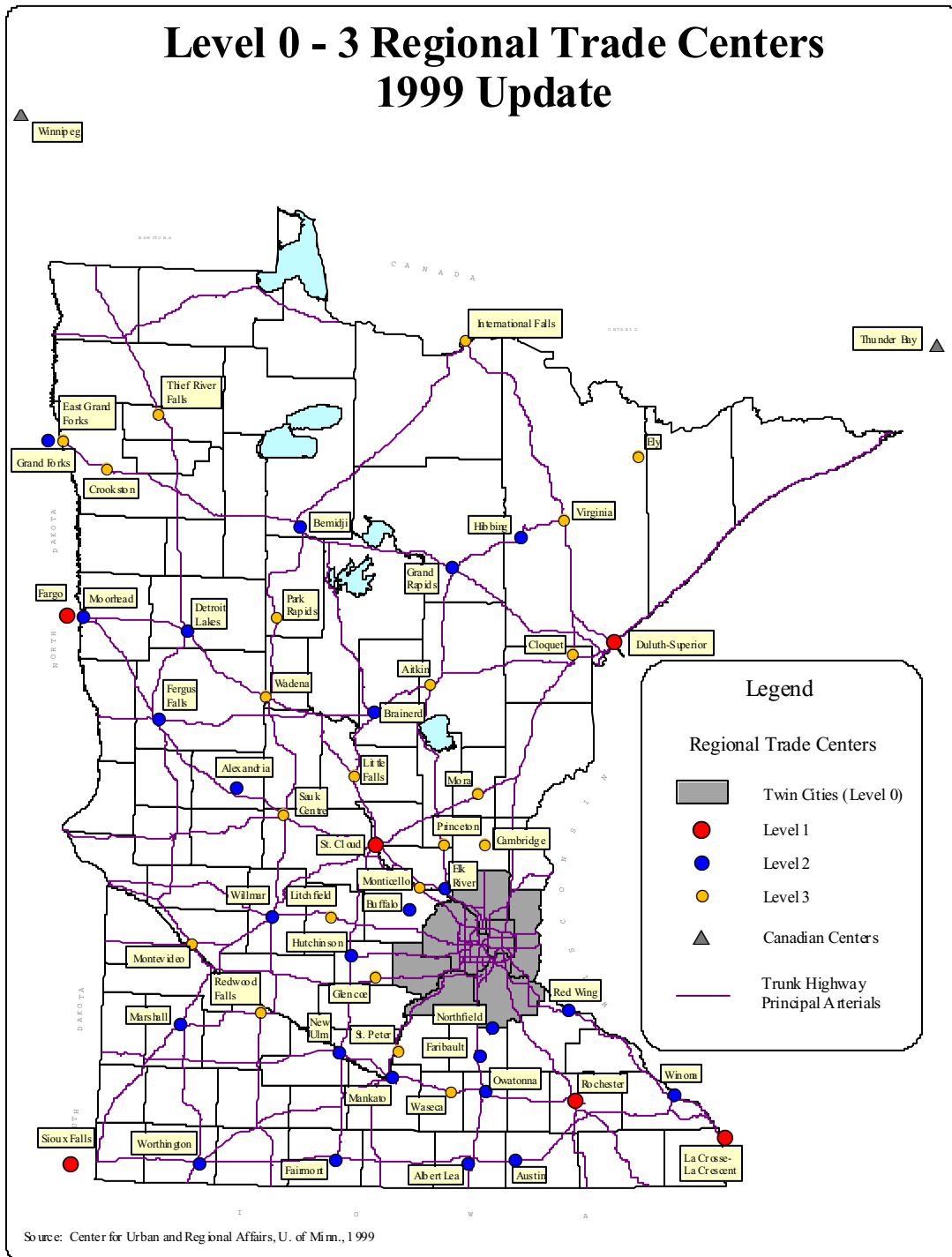
Considering the 1999 ranking of the Level 0 - 5 places identified in 1990, 525 (68 percent) remained at the level reported in 1990. Of those places changing level, 156 (about 20 percent) moved to a higher level in the hierarchy while the remainder moved down. The majority of places that moved down (88 of 94) during the nine-year period were smaller places (Levels 4 and 5). By contrast, the upward movement of trade centers in the hierarchy occurs more uniformly across the range of trade center sizes.

Map 1



The 1999 analysis identified 180 places in Minnesota at a Level 5 or higher in the hierarchy. The seven-county Twin Cities Metro Area was identified as the state's only Major Metropolitan Area. Successive levels of the hierarchy identified three Level 1's; 24 Level 2's; 22 Level 3's; 65 Level 4's; and 65 Level 5's. Map 2 (page 12) indicates the location of Minnesota's 50 Level 0, 1, 2, and 3 Regional Trade Centers.

Map 2



Over the past 40 years, the story of shifting trade center patterns in Minnesota and the Upper Midwest has involved consolidation, expansion, and growth in higher level centers. This has been coupled with erosion and loss of share in small places. The 1990 report noted:

The trade center hierarchy as a whole shifted, with higher and lower order places moving away from each other... The lowest three classes of trade centers... occupy a less important position within the regional economic system than they did a generation ago.

The current analysis suggests that in Minnesota's trade center hierarchy a good portion of the growth in cities of modest size and larger appears to be at the expense of smaller places. These findings point to a continuation—and perhaps even acceleration—of the trend previously identified. This is most evident in the robust growth observed among stronger shopping and regional centers. But because this study set aside most lower level places (i.e., the Level 6 Minimum Convenience Centers and Level 7 Hamlets), some data needed for a further analysis of this aspect of change are not available.

Potentially more fascinating in Minnesota is the proposition that the growing phalanx of Regional Trade Centers is gaining a share of its growth from the Twin Cities—the state's traditional economic super-magnet. This could be the case, at least to a limited degree. To gain an additional longitudinal view, the Dun & Bradstreet data sets used in this study were supplemented by similar *County Business Patterns* data from the U.S. Census. These data indicate that the number of Minnesota business establishments grew 17 per cent in the seven years from 1989 to 1996 (the most recent data available), but it is interesting that the Metro Area's share of total business establishments in Minnesota remained nearly the same in both years (about 54 per cent).

Future Studies

Over the course of the more than 30 years since the trade center concept was first developed, there have been significant changes in local, regional, and national economies and in the global marketplace; in the availability of data; and, most recently, the reorganization of the Standard Industrial Classification system into the North American Industry Classification System. These changes suggest that future studies should explore how the

eight-level hierarchy might be improved using the new industrial classifications and whether additional information (such as sales tax data) might enrich the analysis.

UMW Trade Centers Analysis - Iowa

1999 Edition

City	State	Level90	Level99	Total Establishments>>>									
				Population	Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments	
Ackley	IA	5	5	2,664	8	33	10	43	28	3	5	130	
Adel	IA	4	4	6,028	16	86	15	60	42	11	14	244	
Akron	IA	5	5	2,923	5	29	4	17	25	4	8	92	
Albia	IA	4	4	6,571	15	73	15	54	60	9	18	244	
Algona	IA	4	3	8,433	32	129	25	91	109	14	26	426	
Alta	IA	5	5	2,692	10	28	2	28	19	6	5	98	
Altoona	IA	3	3	11,732	29	91	15	88	66	17	25	331	
Ames	IA	2	2	50,147	97	567	96	447	427	73	84	1,791	
Anamosa	IA	4	4	8,192	24	69	5	53	72	11	13	247	
Atlantic	IA	4	3	8,507	28	146	17	106	106	19	42	464	
Audubon	IA	5	5	4,030	15	59	13	39	37	10	18	191	
Bedford	IA	5	5	2,588	9	38	5	34	43	11	7	147	
Belle Plaine	IA	5	5	3,864	5	45	7	31	36	12	9	145	
Bellevue	IA	4	5	4,457	18	50	8	26	41	3	14	160	
Belmond	IA	5	5	3,069	12	54	11	43	48	7	14	189	
Bloomfield	IA	4	4	6,261	17	84	12	57	60	12	23	265	
Boone	IA	3	3	16,427	35	174	26	151	132	39	28	585	
Britt	IA	5	5	3,169	7	50	10	40	33	5	17	162	
Brooklyn	IA	5	5	2,950	17	37	3	32	23	13	8	133	
Burlington	IA	2	2	35,239	86	479	83	330	345	73	85	1,481	
Camanche	IA	4	5	4,559	9	45	10	22	14	10	3	113	
Carlisle	IA	4	5	5,433	21	34	7	29	29	4	13	137	
Carroll	IA	3	3	12,420	45	220	26	114	155	31	49	640	
Cascade	IA	5	5	2,861	14	36	10	26	34	6	13	139	
Cedar Rapids	IA	1	1	147,767	365	1,699	315	1,494	1,261	302	475	5,911	
Center Point	IA	5	5	3,290	13	30	5	18	23	5	7	101	
Centerville	IA	4	3	8,112	20	114	22	84	116	23	19	398	
Central City	IA	5	5	2,943	7	26	5	17	18	10	12	95	
Chariton	IA	4	4	7,116	13	96	7	55	69	11	16	267	
Charles City	IA	4	3	9,506	19	142	15	111	109	17	22	435	
Cherokee	IA	4	3	7,315	21	134	18	89	95	17	28	402	
Clarinda	IA	4	4	6,565	23	115	15	59	71	15	16	314	
Clarion	IA	5	5	3,801	9	51	9	71	46	5	13	204	
Clinton	IA	2	2	29,956	64	363	46	243	257	44	66	1,083	
Clive	IA	3	2	11,064	24	191	44	206	160	27	94	746	
Colfax	IA	5	5	3,614	11	28	5	18	15	4	9	90	
Columbus Junction	IA	5	5	3,779	7	31	3	25	29	8	4	107	
Corning	IA	5	4	2,853	9	59	9	47	64	12	18	218	
Corydon	IA	x	5	2,536	6	43	11	29	31	6	7	133	
Council Bluffs	IA	2	2	64,633	149	643	85	405	428	79	108	1,897	
Cresco	IA	4	4	5,685	13	67	21	54	56	12	20	243	
Creston	IA	4	3	9,386	39	142	20	104	114	18	19	456	
Davenport-Bettendorf	IA	1	1	133,978	326	1,585	263	1,175	1,102	193	454	5,098	

UMW Trade Centers Analysis - Iowa

1999 Edition

City	State	Level90	Level99	Total Establishments>>								
				Population	Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
De Witt	IA	4	4	6,852	26	98	19	67	65	12	20	307
Decorah	IA	3	3	13,537	35	163	28	131	148	17	27	549
Denison	IA	4	3	8,168	33	158	30	97	142	31	21	512
Denver	IA	5	5	2,943	14	30	9	23	26	1	7	110
Des Moines	IA	0	0	313,563	696	3,865	589	3,986	2,571	528	1,014	13,249
Dubuque	IA	2	2	68,647	180	750	163	592	689	106	174	2,654
Dyersville	IA	4	4	5,310	21	69	24	53	75	15	26	283
Eagle Grove	IA	4	4	4,654	9	48	13	43	36	19	7	175
Eldora	IA	5	4	3,986	14	62	13	52	29	12	14	196
Eldridge	IA	4	4	7,402	24	80	28	33	46	14	23	248
Elkader	IA	5	5	2,630	6	55	6	30	37	4	9	147
Emmetsburg	IA	4	4	4,518	11	60	10	54	58	9	20	222
Estherville	IA	4	3	8,096	26	117	14	74	75	20	13	339
Fairfield	IA	3	2	13,377	32	284	60	249	165	36	59	885
Forest City	IA	4	4	6,143	18	68	11	60	59	12	9	237
Fort Dodge	IA	2	2	28,623	103	442	77	371	356	77	94	1,520
Fort Madison	IA	3	3	13,487	35	166	33	117	135	19	22	527
Garner	IA	4	4	4,420	6	52	14	46	39	13	18	188
Glenwood	IA	4	4	8,153	16	75	7	42	59	10	11	220
Greenfield	IA	5	5	3,509	12	54	8	34	38	7	10	163
Grimes	IA	4	4	5,502	32	51	10	34	32	19	26	204
Grinnell	IA	3	3	12,128	22	152	35	111	89	24	21	454
Grundy Center	IA	5	5	3,414	10	56	10	43	42	7	9	177
Guthrie Center	IA	5	5	2,630	12	45	6	34	27	6	7	137
Guttenberg	IA	5	5	3,233	4	46	15	30	48	1	9	153
Hampton	IA	4	4	5,636	13	94	24	65	58	8	20	282
Harlan	IA	4	3	6,647	25	118	16	79	91	17	39	385
Hawarden	IA	5	5	3,118	7	50	12	22	35	5	15	146
Hiawatha	IA	4	4	6,384	20	53	18	65	44	13	20	233
Hudson	IA	5	5	2,706	12	30	7	25	16	3	8	101
Hull	IA	5	5	3,302	18	38	8	19	22	9	10	124
Humboldt	IA	4	4	5,151	10	91	25	73	78	16	21	314
Huxley	IA	5	5	2,614	9	32	5	24	14	6	2	92
Independence	IA	4	3	7,938	29	104	24	78	95	27	23	380
Indianola	IA	3	3	17,479	44	226	23	124	135	19	39	610
Iowa City	IA	2	2	79,729	184	1,005	111	663	695	91	142	2,891
Iowa Falls	IA	4	3	6,713	22	119	23	91	86	20	29	390
Jefferson	IA	4	4	5,624	27	99	12	85	86	23	15	347
Jesup	IA	5	5	3,150	17	43	10	28	24	9	11	142
Johnston	IA	4	4	7,720	37	94	12	75	34	11	20	283
Kalona	IA	4	4	5,016	34	67	17	51	57	11	19	256
Keokuk	IA	3	2	14,116	45	196	51	147	155	34	29	657
Knoxville	IA	3	3	11,665	33	141	9	106	101	19	22	431

UMW Trade Centers Analysis - Iowa

1999 Edition

City	State	Level90	Level99	Total Establishments>>									
				Population	Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments	
La Porte City	IA	5	5	3,681	11	38	5	33	35	8	18	148	
Lake Mills	IA	5	5	2,865	12	40	14	43	29	8	16	162	
Le Claire	IA	4	5	4,525	11	30	9	20	24	5	8	107	
Le Mars	IA	3	3	12,203	48	152	22	92	126	32	23	495	
Leon	IA	5	5	2,711	7	41	5	38	36	5	6	138	
Madrid	IA	5	5	4,049	10	39	9	28	18	1	2	107	
Manchester	IA	4	3	8,178	24	121	18	72	73	10	26	344	
Manson	IA	5	5	2,561	4	31	6	28	27	7	8	111	
Maquoketa	IA	4	3	8,331	29	138	25	82	106	15	37	432	
Marengo	IA	5	5	3,666	11	54	7	34	31	7	8	152	
Marshalltown	IA	2	2	29,800	79	343	65	260	275	53	82	1,157	
Mason City-Storm Lake	IA	2	2	41,383	132	596	91	447	508	103	138	2,015	
Milford	IA	4	4	5,072	19	54	15	42	53	12	10	205	
Missouri Valley	IA	4	4	5,390	21	70	8	52	47	9	10	217	
Monroe	IA	5	5	2,932	7	29	7	21	26	2	7	99	
Montezuma	IA	5	5	2,721	13	42	13	29	32	10	9	148	
Monticello	IA	4	4	5,215	18	96	31	65	74	13	40	337	
Mount Ayr	IA	5	5	2,747	9	43	8	29	30	8	8	135	
Mount Pleasant	IA	3	3	11,931	29	165	27	118	116	29	35	519	
Mount Vernon	IA	4	4	4,882	14	60	6	38	42	5	4	169	
Muscatine	IA	2	2	29,382	66	342	77	263	262	68	61	1,139	
Nevada	IA	4	4	7,331	27	87	11	64	47	19	18	273	
New Hampton	IA	4	4	6,342	21	86	15	63	74	12	30	301	
New London	IA	5	5	3,197	8	25	3	22	22	2	5	87	
Newton	IA	3	2	18,526	44	261	36	162	174	27	43	747	
North Liberty	IA	4	4	6,586	25	69	8	41	38	7	8	196	
Northwood	IA	5	5	3,208	13	36	10	34	37	8	6	144	
Norwalk	IA	4	4	9,097	21	65	4	37	25	7	6	165	
Oakland	IA	5	5	2,623	7	27	5	29	18	2	5	93	
Oelwein	IA	4	4	7,967	13	104	21	79	92	12	21	342	
Ogden	IA	5	5	3,189	11	35	5	34	27	14	10	136	
Onawa	IA	5	5	3,514	13	54	6	44	49	8	11	185	
Orange City	IA	4	4	6,650	24	74	16	52	74	12	22	274	
Osage	IA	4	4	5,936	14	79	19	59	61	14	23	269	
Osceola	IA	4	4	5,927	15	106	19	59	74	17	12	302	
Oskaloosa	IA	3	2	14,244	34	198	37	167	163	36	55	690	
Ottumwa	IA	2	2	29,490	55	365	36	264	306	59	63	1,148	
Parkersburg	IA	5	5	2,860	6	29	7	37	28	7	12	126	
Pella	IA	3	3	12,458	36	138	36	101	123	29	40	503	
Perry	IA	4	4	7,660	12	112	12	78	66	12	20	312	
Pocahontas	IA	5	5	2,908	11	47	8	45	33	4	3	151	
Postville	IA	5	5	2,774	13	50	7	27	33	13	13	156	
Red Oak	IA	4	3	7,165	24	116	15	80	80	19	25	359	

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					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments	
Reinbeck	IA	5	5	2,644	5	34	7	29	23	10	9	117	
Rock Rapids	IA	5	5	3,852	7	41	8	48	36	11	11	162	
Rock Valley	IA	5	5	4,038	10	68	13	32	35	9	20	187	
Rockwell City	IA	5	5	2,921	9	34	10	33	41	6	5	138	
Sac City	IA	5	5	3,624	16	53	9	33	43	11	15	180	
Sergeant Bluff	IA	4	5	4,512	12	40	10	26	27	11	8	134	
Sheldon	IA	4	3	6,384	19	101	18	73	81	17	27	336	
Shenandoah	IA	4	4	6,545	20	100	16	87	103	12	23	361	
Sibley	IA	5	5	3,749	9	52	11	42	34	11	5	164	
Sigourney	IA	5	5	3,020	13	58	9	34	41	7	13	175	
Sioux Center	IA	4	3	6,981	29	102	22	66	65	18	34	336	
Sioux City	IA	2	1	85,943	206	948	137	764	752	141	253	3,201	
Solon	IA	4	5	4,761	14	42	9	23	20	3	8	119	
Spencer	IA	3	2	13,411	39	208	29	188	175	40	53	732	
Spirit Lake	IA	4	3	6,387	28	142	30	111	119	17	11	458	
Storm Lake	IA	3	3	11,643	30	160	21	131	149	24	33	548	
Story City	IA	5	5	3,953	11	51	14	34	67	5	11	193	
Sumner	IA	5	5	3,804	11	58	10	40	36	8	17	180	
Tama	IA	5	5	4,226	9	55	8	26	36	7	15	156	
Tipton	IA	4	4	5,238	13	74	9	54	53	8	15	226	
Toledo	IA	5	5	3,639	4	45	4	31	35	5	8	132	
Vinton	IA	4	4	7,536	31	94	17	61	61	16	18	298	
Wapello	IA	5	5	3,578	10	38	10	34	29	2	6	129	
Washington	IA	4	3	8,444	36	144	19	94	113	21	33	460	
Waterloo-Cedar Falls	IA	1	1	110,844	244	1,225	240	970	929	180	235	4,023	
Waukee	IA	4	4	5,552	18	58	13	37	23	4	18	171	
Waukon	IA	4	4	6,692	21	88	16	51	77	11	28	292	
Waverly	IA	3	3	11,274	30	130	30	110	96	12	32	440	
Webster City	IA	4	3	9,511	24	128	22	111	104	24	19	432	
West Branch	IA	5	5	3,950	11	52	16	27	28	5	7	146	
West Liberty	IA	5	5	4,193	12	39	9	32	36	7	16	151	
West Union	IA	5	4	3,737	9	60	9	55	42	5	15	195	
Williamsburg	IA	4	4	4,439	14	63	7	37	95	5	12	233	
Wilton	IA	5	5	3,586	6	38	13	24	35	12	17	145	
Winterset	IA	4	4	8,022	21	98	16	76	86	16	15	328	

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					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Ada	MN	4	5	2,418	10	69	6	34	22	10	9	160
Aitkin	MN	4	3	8,339	56	123	20	65	80	18	19	381
Albany	MN	5	4	4,800	18	64	11	28	36	9	17	183
Albert Lea	MN	2	2	20,936	51	321	59	205	210	37	61	944
Albertville	MN	6	5	3,528	10	31	9	17	16	6	6	95
Alexandria	MN	3	2	21,427	107	461	60	234	296	53	78	1,289
Annandale	MN	5	4	4,772	52	118	18	54	51	16	8	317
Appleton	MN	4	5	2,619	6	43	1	39	31	5	12	137
Arlington	MN	x	5	3,610	10	46	11	19	19	1	11	117
Aurora	MN	6	5	4,063	6	47	11	23	25	4	3	119
Austin	MN	3	2	26,140	61	414	41	201	249	37	54	1,057
Avon	MN	6	5	5,734	12	63	12	22	28	5	6	148
Bagley	MN	5	5	4,087	19	77	13	32	38	7	6	192
Barnesville	MN	5	5	3,476	9	63	5	28	27	9	7	148
Baudette	MN	5	5	3,934	6	86	11	36	48	6	7	200
Becker	MN	4	5	5,247	19	53	18	23	38	5	10	166
Bemidji	MN	2	2	29,166	102	538	80	237	312	59	68	1,396
Benson	MN	4	4	4,487	12	112	10	47	49	11	24	265
Big Lake	MN	5	4	9,818	44	95	15	47	43	19	22	285
Blooming Prairie	MN	5	4	3,780	14	62	16	40	33	10	8	183
Blue Earth	MN	4	4	4,885	22	114	19	71	64	23	25	338
Brainerd	MN	2	2	36,363	133	580	75	306	349	48	82	1,573
Breckenridge	MN	3	4	4,585	8	101	3	45	40	7	14	218
Buffalo	MN	3	2	15,819	67	225	36	123	115	27	39	632
Byron	MN	6	4	5,612	31	79	5	34	23	5	11	188
Caledonia	MN	4	4	4,934	15	96	8	34	46	8	13	220
Cambridge	MN	4	3	14,093	41	165	32	101	88	12	16	455
Canby	MN	4	5	3,404	9	72	4	31	39	9	13	177
Cannon Falls	MN	4	4	8,096	20	99	27	66	66	14	22	314
Cass Lake	MN	6	5	5,774	9	66	10	21	24	8	3	141
Chatfield	MN	5	5	3,853	21	62	11	26	26	6	11	163
Chisago City	MN	x	5	4,485	17	46	8	26	26	7	5	135
Chisholm	MN	6	4	6,538	20	81	14	28	46	6	8	203
Clara City	MN	5	5	2,062	9	43	11	26	16	7	8	120
Clearwater	MN	6	5	3,257	16	47	9	19	26	6	5	128
Cloquet	MN	3	3	15,457	34	223	30	87	125	20	19	538
Cokato	MN	5	4	4,764	13	68	29	45	34	7	19	215
Cold Spring	MN	5	4	6,751	31	104	18	31	47	6	8	245
Crookston	MN	3	3	10,521	18	169	22	90	88	16	28	431
Crosby	MN	5	5	2,480	10	62	14	29	37	3	3	158
Crosslake	MN	5	5	930	18	47	3	26	55	4	8	161
Dassel	MN	6	5	3,476	13	47	17	34	29	8	8	156
Dawson	MN	5	5	2,586	7	53	8	36	29	3	12	148
Deer River	MN	5	5	5,068	23	75	7	22	33	7	10	177

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					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Deerwood	MN	4	5	1,785	25	35	11	14	24	10	9	128
Delano	MN	4	4	6,955	45	98	29	46	51	22	15	306
Detroit Lakes	MN	3	2	15,120	64	348	32	162	176	35	58	875
Dodge Center	MN	5	5	3,448	13	56	7	19	23	2	15	135
Duluth	MN	1	1	109,490	274	1,670	202	962	883	173	277	4,441
East Grand Forks	MN	3	3	9,585	34	169	21	65	69	19	34	411
Elk River	MN	3	2	25,661	92	335	77	160	160	40	47	911
Ely	MN	4	3	4,986	29	147	31	59	95	16	6	383
Esko	MN	6	5	4,319	17	41	6	14	12	5	10	105
Eveleth	MN	5	4	6,952	13	87	14	31	50	11	12	218
Fairmont	MN	3	2	12,809	36	242	40	167	161	36	53	735
Faribault	MN	3	2	24,572	72	372	53	202	228	39	53	1,019
Fergus Falls	MN	3	2	21,965	44	351	58	209	180	40	49	931
Foley	MN	6	4	7,262	16	70	10	34	33	12	19	194
Fosston	MN	4	5	2,756	13	72	7	23	29	5	11	160
Frazee	MN	6	5	4,931	24	55	6	20	26	5	4	140
Gaylord	MN	6	5	3,237	11	50	6	37	23	5	9	141
Glencoe	MN	4	3	7,653	24	112	19	81	62	18	24	340
Glenwood	MN	4	4	4,736	14	105	24	51	52	7	14	267
Grand Marais	MN	5	4	2,981	26	99	14	37	57	7	6	246
Grand Rapids	MN	3	2	19,388	58	387	46	203	228	43	48	1,013
Granite Falls	MN	4	4	4,160	21	86	12	51	55	10	13	248
Harmony	MN	5	5	2,053	10	43	5	22	24	4	7	115
Hawley	MN	6	5	4,023	14	63	9	30	25	5	8	154
Hibbing	MN	3	2	19,535	63	334	38	150	193	32	75	885
Hinckley	MN	6	5	3,846	16	54	6	28	37	5	8	154
Howard Lake	MN	6	5	3,791	11	43	17	29	25	5	15	145
Hutchinson	MN	3	2	16,187	81	301	50	196	219	26	44	917
International Falls	MN	3	3	12,350	25	138	19	76	118	18	16	410
Isanti	MN	5	4	10,695	33	69	34	42	28	15	14	235
Jackson	MN	4	4	5,286	16	107	8	57	47	15	15	265
Janesville	MN	5	5	3,620	11	62	5	25	24	8	12	147
Kasson	MN	5	4	6,087	22	107	17	61	33	12	11	263
Kenyon	MN	5	5	2,846	3	46	10	20	20	7	7	113
Kimball	MN	6	5	2,642	19	35	6	25	25	6	6	122
La Crescent	MN	4	4	7,525	22	126	10	49	41	6	16	270
Lake City	MN	4	4	6,189	26	96	19	51	68	14	16	290
Lake Crystal	MN	5	5	3,495	16	59	12	39	30	4	9	169
Lakefield	MN	5	5	3,033	13	53	4	24	30	4	17	145
Le Center	MN	5	5	3,589	13	63	15	31	24	14	10	170
Le Sueur	MN	4	4	5,955	16	93	18	61	46	11	13	258
Lindstrom	MN	x	4	5,573	21	79	13	34	61	3	8	219
Litchfield	MN	4	3	9,251	30	141	38	88	89	18	28	432
Little Falls	MN	3	3	14,641	33	221	31	105	124	34	28	576

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Long Prairie	MN	4	4	6,159	18	84	15	46	61	16	16	256
Luverne	MN	4	4	5,981	11	107	13	80	52	16	22	301
Madelia	MN	5	4	3,245	12	67	14	38	36	11	5	183
Madison	MN	4	4	3,305	11	67	6	41	44	5	15	189
Mahnomen	MN	5	5	2,628	9	58	5	27	26	3	13	141
Mankato	MN	2	2	51,218	120	831	143	533	478	104	156	2,365
Maple Lake	MN	6	4	4,589	34	63	23	25	32	8	7	192
Mapleton	MN	6	5	2,738	13	50	5	22	31	4	9	134
Marshall	MN	3	2	13,717	51	272	41	152	153	29	45	743
Melrose	MN	4	4	4,670	16	72	17	32	42	22	14	215
Milaca	MN	4	4	6,062	14	90	7	56	61	13	9	250
Montevideo	MN	3	3	8,361	27	165	25	83	91	31	22	444
Montgomery	MN	5	5	4,047	9	59	12	20	28	7	8	143
Monticello	MN	4	3	13,866	56	176	40	96	99	18	31	516
Moorhead	MN	2	2	35,892	76	459	35	239	241	44	73	1,167
Moose Lake	MN	4	4	3,521	12	69	8	32	42	10	9	182
Mora	MN	4	3	8,434	35	128	19	65	77	15	17	356
Morris	MN	4	4	6,653	23	135	14	91	67	13	23	366
Mountain Lake	MN	5	5	2,740	5	37	11	30	23	5	9	120
New London	MN	6	5	3,369	18	71	11	27	33	9	10	179
New Ulm	MN	3	2	16,098	41	305	49	155	156	43	50	799
Nisswa	MN	6	4	3,057	32	74	13	34	72	6	10	241
North Branch	MN	x	4	9,501	23	102	23	50	73	10	12	293
Northfield	MN	3	2	20,142	56	242	37	158	166	21	29	709
Olivia	MN	4	4	3,354	14	74	10	41	40	8	16	203
Ortonville	MN	4	5	2,406	12	57	7	46	40	7	10	179
Osakis	MN	5	5	3,103	14	71	15	28	37	7	9	181
Owatonna	MN	3	2	24,387	61	411	73	245	169	52	74	1,085
Park Rapids	MN	3	3	9,041	43	219	32	98	138	19	26	575
Paynesville	MN	4	4	5,183	24	104	30	57	66	13	23	317
Pelican Rapids	MN	5	4	3,794	26	91	10	51	52	15	13	258
Pequot Lakes	MN	5	4	2,336	33	86	14	44	57	14	7	255
Perham	MN	5	4	6,732	20	138	23	56	70	23	20	350
Pierz	MN	5	5	4,697	17	45	8	18	33	10	17	148
Pine City	MN	4	4	8,217	23	89	15	64	67	16	10	284
Pine Island	MN	5	5	4,630	16	76	12	32	29	5	10	180
Pine River	MN	5	4	5,889	25	76	13	25	43	6	15	203
Pipestone	MN	4	4	5,721	19	113	17	63	60	16	23	311
Plainview	MN	4	4	4,357	9	81	9	35	32	11	17	194
Preston	MN	5	5	2,620	5	56	11	28	28	1	9	138
Princeton	MN	4	3	11,419	48	130	46	84	86	16	27	437
Red Wing	MN	3	2	18,442	44	272	44	156	211	36	38	801
Redwood Falls	MN	4	3	7,015	20	142	14	73	87	22	23	381
Rice	MN	6	4	5,548	26	71	13	20	25	11	8	174

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					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Richmond	MN	6	5	2,941	26	68	6	14	26	5	6	151
Rochester	MN	2	1	92,456	245	1,364	122	859	787	136	192	3,705
Rockford	MN	5	5	5,099	20	62	9	25	29	6	6	157
Roseau	MN	4	4	5,606	13	105	12	59	66	15	18	288
Rush City	MN	5	5	3,628	15	57	11	26	23	11	7	150
Rushford	MN	5	5	3,045	6	53	8	27	22	5	8	129
Saint Charles	MN	4	5	3,876	10	64	10	33	26	8	14	165
Saint Cloud	MN	2	1	100,303	266	1,519	220	953	796	162	244	4,160
Saint James	MN	4	4	6,001	21	103	16	55	55	18	16	284
Saint Joseph	MN	5	4	8,269	17	90	25	23	23	10	9	197
Saint Michael	MN	5	4	6,419	37	78	22	40	43	8	19	247
Saint Peter	MN	4	3	12,595	29	147	19	75	62	14	17	363
Sandstone	MN	4	5	3,744	9	32	8	22	24	3	4	102
Sauk Centre	MN	4	3	6,819	25	126	24	60	74	28	33	370
Slayton	MN	4	4	3,273	14	81	5	49	47	14	9	219
Sleepy Eye	MN	4	4	5,711	31	107	22	62	42	15	17	296
Spicer	MN	6	4	4,100	29	91	7	40	47	13	9	236
Spring Valley	MN	4	4	4,122	16	65	7	46	41	5	18	198
Springfield	MN	4	4	3,254	19	66	7	36	39	12	13	192
Stacy	MN	6	5	7,007	24	48	13	21	19	6	4	135
Staples	MN	4	4	6,557	17	88	27	41	53	9	7	242
Starbuck	MN	6	5	2,885	7	35	9	24	35	8	10	128
Stewartville	MN	5	4	6,725	21	112	13	36	31	3	10	226
Thief River Falls	MN	3	3	12,451	25	189	29	100	127	26	40	536
Tracy	MN	4	5	2,779	13	49	4	34	35	9	14	158
Truman	MN	5	5	2,265	4	38	7	26	23	5	9	112
Twin Cities	MN	0	0	2,509,763	5,328	31,474	7,473	25,220	15,461	3,102	7,699	95,757
Two Harbors	MN	4	4	6,684	22	101	24	58	75	8	12	300
Tyler	MN	5	5	2,167	9	40	4	20	21	7	7	108
Virginia	MN	3	3	12,245	30	228	25	152	201	20	54	710
Wabasha	MN	4	4	3,334	9	81	11	35	40	9	5	190
Wadena	MN	4	3	6,208	21	149	22	58	88	24	22	384
Walker	MN	5	4	3,520	10	119	13	50	71	7	9	279
Warren	MN	5	5	3,222	7	51	3	31	23	6	9	130
Warroad	MN	5	5	5,439	6	80	11	36	39	4	4	180
Waseca	MN	3	3	12,202	29	200	32	104	76	34	28	503
Waterville	MN	5	5	2,637	16	67	5	18	37	3	8	154
Wells	MN	4	4	3,971	18	64	12	55	40	7	12	208
Wheaton	MN	5	5	2,551	6	54	7	41	30	5	12	155
Willmar	MN	2	2	22,897	49	468	44	247	237	43	79	1,167
Windom	MN	4	4	5,796	15	136	12	68	83	15	28	357
Winnebago	MN	5	5	1,977	12	46	9	30	16	8	12	133
Winona	MN	2	2	33,352	93	527	124	264	317	57	77	1,459
Winsted	MN	6	5	2,641	11	51	20	21	21	12	7	143

UMW Trade Centers Analysis - Minnesota

1999 Edition

City	State	Level90	Level99	Population	Establishments>>							
					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Winthrop	MN	5	5	2,643	9	44	7	32	23	6	7	128
Worthington	MN	3	2	11,842	48	243	28	146	155	36	45	701
Zimmerman	MN	5	4	8,474	51	76	19	24	32	9	13	224
Zumbrota	MN	4	4	4,647	22	70	16	40	52	14	18	232

UMW Trade Centers Analysis - Montana

1999 Edition

City	State	Level90	Level99	Population	Total Establishments>>							
					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Anaconda	MT	4	3	9,096	29	129	10	69	99	14	11	361
Baker	MT	x	5	2,507	12	43	5	21	26	14	11	132
Belgrade	MT	4	3	8,895	50	114	52	70	77	28	30	421
Big Timber	MT	5	5	2,786	18	50	13	38	42	7	11	179
Bigfork	MT	4	3	6,419	49	112	32	85	78	17	19	392
Billings	MT	1	1	109,250	434	1,774	273	1,379	1,103	271	550	5,784
Bozeman	MT	2	2	38,524	174	904	146	638	545	80	128	2,615
Browning	MT	4	5	6,140	4	35	4	18	24	7	3	95
Butte	MT	2	2	34,252	76	513	63	313	396	83	99	1,543
Columbia Falls	MT	3	3	11,020	40	110	34	63	89	19	13	368
Columbus	MT	5	5	3,184	12	57	8	30	41	4	11	163
Conrad	MT	5	5	3,354	12	75	8	53	47	7	20	222
Corvallis	MT	4	5	4,448	15	34	10	19	17	10	9	114
Cut Bank	MT	4	4	5,650	14	93	9	48	65	19	24	272
Deer Lodge	MT	4	4	5,668	13	61	10	39	47	6	13	189
Dillon	MT	4	3	7,643	30	137	20	81	87	19	26	400
Eureka	MT	5	5	3,908	14	52	24	34	54	12	11	201
Florence	MT	4	4	4,478	30	38	14	26	23	10	3	144
Forsyth	MT	5	5	2,718	9	49	3	32	29	4	10	136
Glasgow	MT	4	4	5,129	14	100	11	57	75	14	24	295
Glendive	MT	4	3	8,286	26	137	10	71	91	26	20	381
Great Falls	MT	2	1	72,735	182	1,013	113	724	730	149	251	3,162
Hamilton	MT	3	2	11,424	67	209	56	171	179	32	30	744
Hardin	MT	4	4	4,438	16	63	11	48	49	9	15	211
Havre	MT	3	3	13,766	34	217	15	121	137	35	42	601
Helena	MT	2	2	50,790	164	794	99	669	455	105	128	2,414
Kalispell	MT	2	2	33,392	211	709	124	446	435	110	134	2,169
Laurel	MT	4	3	9,474	26	108	18	61	68	17	25	323
Lewistown	MT	4	3	9,228	41	190	31	112	130	19	24	547
Libby	MT	3	3	9,870	43	157	43	87	111	27	23	491
Livingston	MT	3	3	11,737	53	232	33	128	167	24	24	661
Lolo	MT	4	4	5,946	25	50	11	22	32	7	14	161
Miles City	MT	3	3	11,440	37	212	18	108	129	29	34	567
Missoula	MT	2	1	70,747	256	1,284	201	900	807	180	252	3,880
Polson	MT	4	3	7,929	55	154	27	98	113	17	13	477
Red Lodge	MT	5	4	3,277	16	82	11	50	72	5	11	247
Ronan	MT	4	4	6,006	28	93	15	37	55	9	16	253
Roundup	MT	5	4	3,922	22	54	14	30	53	7	10	190
Shelby	MT	5	4	2,618	13	61	11	45	45	21	17	213
Sidney	MT	4	3	7,516	26	122	14	86	99	19	36	402
Stevensville	MT	4	4	7,417	36	89	42	63	56	12	20	318
Thompson Falls	MT	5	5	3,384	12	37	19	25	35	8	6	142
Troy	MT	5	5	3,308	10	29	9	10	32	2	5	97

UMW Trade Centers Analysis - Montana

1999 Edition

City	State	Level90	Level99	Population	Total Establishments>>							
					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Victor	MT	5	5	3,668	25	34	16	18	35	4	8	140
Whitefish	MT	3	3	11,932	55	170	49	145	139	21	21	600
Whitehall	MT	5	5	3,179	15	45	6	25	19	5	17	132
Wolf Point	MT	4	4	4,649	8	59	5	49	53	8	10	192

UMW Trade Centers Analysis - Nebraska

1999 Edition

City	State	Level90	Level99	Population	Total Establishments>>								
					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments	
Ainsworth	NE	5	5	2,719	8	62	7	31	56	10	10	184	
Albion	NE	5	5	3,106	9	56	9	29	40	6	14	163	
Alliance	NE	3	3	11,369	29	155	30	99	107	18	31	469	
Ashland	NE	5	5	3,550	14	48	11	25	33	6	8	145	
Atkinson	NE	x	5	2,407	12	51	8	18	26	17	21	153	
Auburn	NE	4	4	4,588	7	66	9	54	61	13	14	224	
Aurora	NE	4	4	5,683	17	98	23	68	78	20	24	328	
Beatrice	NE	3	2	14,583	31	210	48	131	203	36	44	703	
Bellevue	NE	2	2	25,914	56	242	22	185	216	25	25	771	
Blair	NE	3	3	11,109	35	154	26	99	120	31	29	494	
Broken Bow	NE	4	4	5,205	15	105	17	67	73	6	24	307	
Central City	NE	5	5	3,911	10	58	5	36	50	10	10	179	
Chadron	NE	4	4	6,863	24	115	11	66	96	16	19	347	
Columbus	NE	2	2	24,837	81	335	89	230	322	66	72	1,195	
Cozad	NE	4	4	5,676	20	100	19	65	73	8	24	309	
Crete	NE	4	4	6,406	18	83	14	38	71	7	10	241	
Fairbury	NE	4	4	5,122	14	82	15	68	65	12	25	281	
Falls City	NE	4	4	5,551	20	91	19	76	75	16	26	323	
Fremont	NE	2	2	26,002	60	357	69	247	294	66	73	1,166	
Geneva	NE	5	5	2,649	12	61	6	32	32	9	15	167	
Gibbon	NE	5	5	2,604	6	27	10	17	15	10	14	99	
Gordon	NE	5	5	3,051	6	48	6	34	47	7	11	159	
Gothenburg	NE	4	4	4,779	21	75	16	53	51	17	31	264	
Grand Island	NE	2	2	45,431	143	584	108	424	524	123	172	2,078	
Gretna	NE	5	4	4,258	17	62	12	32	71	16	9	219	
Hastings	NE	2	2	25,673	81	368	68	235	289	47	85	1,173	
Holdrege	NE	4	3	7,263	21	113	15	78	100	22	27	376	
Imperial	NE	x	5	2,493	7	49	10	34	44	9	18	171	
Kearney	NE	2	2	28,432	96	446	64	345	366	52	93	1,462	
Kimball	NE	5	4	3,183	10	67	17	42	57	8	17	218	
Lexington	NE	3	3	11,158	22	159	30	98	109	22	26	466	
Lincoln	NE	1	0	220,508	543	2,364	418	1,927	1,685	279	481	7,697	
Madison	NE	5	5	3,667	5	37	6	18	24	7	8	105	
Mc Cook	NE	4	3	9,304	31	175	21	111	144	25	48	555	
Milford	NE	5	5	3,361	14	32	7	21	21	5	7	107	
Minden	NE	5	4	4,076	13	70	15	41	46	12	17	214	
Mitchell	NE	5	5	3,694	15	37	10	24	37	11	14	148	
Nebraska City	NE	4	3	8,187	29	127	23	76	107	27	17	406	
Norfolk	NE	2	2	27,758	94	382	76	277	329	70	98	1,326	
North Platte	NE	2	2	27,272	94	393	32	262	325	57	69	1,232	
Ogallala	NE	4	3	6,555	21	144	17	98	106	22	22	430	
Omaha	NE	0	0	498,241	1,182	5,174	934	4,474	3,374	727	1,461	17,326	
Oneill	NE	4	4	5,949	18	102	15	64	89	23	34	345	

UMW Trade Centers Analysis - Nebraska

1999 Edition

City	State	Level90	Level99	Population	Total Establishments>>							
					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Papillion	NE	3	3	19,953	40	197	22	121	103	22	26	531
Pierce	NE	5	5	2,957	10	44	8	16	23	9	8	118
Plattsmouth	NE	3	4	11,167	25	94	18	69	66	16	17	305
Saint Paul	NE	5	5	3,279	7	42	4	31	36	3	7	130
Schuyler	NE	4	4	6,184	13	70	10	39	58	17	17	224
Seward	NE	4	4	7,622	28	97	14	80	73	23	24	339
Sidney	NE	4	3	7,137	28	131	20	83	100	28	30	420
South Sioux City	NE	3	3	13,550	46	149	35	99	113	30	38	510
Stanton	NE	4	5	4,451	8	26	4	16	19	12	6	91
Superior	NE	5	5	2,609	5	68	5	37	43	19	12	189
Valentine	NE	4	4	4,432	23	95	11	51	76	16	24	296
Wahoo	NE	4	4	4,661	18	73	15	50	61	11	12	240
Wayne	NE	4	4	6,393	19	84	19	63	72	18	18	293
West Point	NE	4	4	5,721	14	75	18	49	69	15	21	261
York	NE	3	3	9,777	35	148	29	118	132	31	31	524

UMW Trade Centers Analysis - North Dakota

1999 Edition

City	State	Level90	Level99	Total Establishments>>									
				Population	Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments	
Belcourt	ND	4	5	5,913	6	28	3	8	15	4	4	68	
Beulah	ND	5	5	4,021	12	42	5	37	44	6	6	152	
Bismarck-Mandan	ND	2	1	82,531	289	1,150	133	872	746	205	273	3,668	
Carrington	ND	5	5	3,133	12	54	10	33	49	10	28	196	
Devils Lake	ND	3	3	10,275	27	172	25	95	123	19	22	483	
Dickinson	ND	3	2	18,922	81	307	40	203	226	55	84	996	
Fargo	ND	1	1	100,634	327	1,445	253	1,143	834	271	485	4,758	
Grafton	ND	4	4	6,264	13	95	9	70	65	15	25	292	
Grand Forks	ND	2	2	62,685	177	673	79	524	542	119	147	2,261	
Hazen	ND	5	5	3,854	13	49	8	25	32	8	9	144	
Hettinger	ND	x	5	2,202	4	38	7	31	30	9	15	134	
Jamestown	ND	3	2	17,581	62	268	29	149	204	37	65	814	
Lisbon	ND	5	5	3,527	7	50	4	36	36	3	7	143	
Minot	ND	2	2	53,021	155	721	72	429	486	113	127	2,103	
New Town	ND	5	5	2,950	7	32	5	15	26	1	6	92	
Oakes	ND	5	5	2,767	12	47	6	30	35	8	20	158	
Rugby	ND	5	4	4,069	13	54	6	38	42	11	20	184	
Valley City	ND	4	3	8,558	24	148	19	90	110	20	35	446	
Wahpeton	ND	3	3	10,132	35	147	29	104	94	20	44	473	
Williston	ND	3	2	16,083	66	273	43	190	195	40	91	898	

UMW Trade Centers Analysis - South Dakota

1999 Edition

City	State	Level90	Level99	Total Establishments>>								
				Population	Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Aberdeen	SD	2	2	29,410	90	434	58	300	310	61	100	1,353
Belle Fourche	SD	4	4	6,795	23	97	15	64	72	22	29	322
Beresford	SD	5	5	3,009	6	46	10	38	31	5	9	145
Black Hawk	SD	4	5	5,200	30	44	5	22	33	8	7	149
Box Elder	SD	4	5	4,426	6	34	5	17	31	7	5	105
Brandon	SD	4	4	6,691	29	66	10	44	32	15	12	208
Britton	SD	5	5	2,682	7	29	7	30	18	5	11	107
Brookings	SD	3	2	20,100	41	250	35	199	187	34	40	786
Canton	SD	5	5	3,916	17	42	12	36	42	9	11	169
Chamberlain	SD	5	5	3,369	9	84	4	48	53	9	12	219
Custer	SD	4	4	5,088	14	92	28	49	66	10	6	265
Dell Rapids	SD	5	5	4,008	21	59	8	28	39	8	9	172
Flandreau	SD	5	5	3,824	8	38	7	30	33	5	7	128
Hartford	SD	5	5	4,316	16	23	7	22	19	13	8	108
Hot Springs	SD	4	4	5,400	15	95	10	67	65	6	8	266
Huron	SD	3	2	15,410	42	228	32	171	181	34	45	733
Lead	SD	4	5	4,526	9	57	8	30	33	4	6	147
Lennox	SD	5	5	3,062	11	39	7	26	20	3	4	110
Madison	SD	4	3	8,206	23	115	27	84	85	23	25	382
Milbank	SD	4	4	4,765	15	80	12	60	59	19	18	263
Miller	SD	5	5	2,643	10	49	2	25	38	4	11	139
Mitchell	SD	3	2	16,661	46	244	48	182	208	40	54	822
Mobridge	SD	5	4	3,986	13	67	6	53	72	16	17	244
North Sioux City	SD	4	4	4,991	11	61	16	46	33	9	10	186
Pierre	SD	3	2	14,811	48	251	19	239	174	33	41	805
Platte	SD	5	5	2,610	7	42	6	41	39	7	13	155
Rapid City	SD	2	1	76,552	223	1,093	146	854	771	131	230	3,448
Redfield	SD	5	5	4,036	7	54	4	43	45	16	11	180
Sioux Falls	SD	1	1	121,065	341	1,584	205	1,358	1,055	305	444	5,292
Sisseton	SD	4	4	5,181	9	61	10	53	43	6	15	197
Spearfish	SD	3	3	12,745	36	181	35	116	159	23	17	567
Sturgis	SD	4	3	8,931	36	131	24	85	83	21	23	403
Vermillion	SD	3	3	12,326	22	101	15	85	84	19	11	337
Wagner	SD	5	5	3,461	3	34	3	18	29	11	10	108
Watertown	SD	2	2	23,468	77	308	70	250	259	55	101	1,120
Webster	SD	5	5	3,588	8	51	13	38	32	8	11	161
Winner	SD	4	4	4,977	15	74	4	58	60	13	17	241
Yankton	SD	3	2	17,293	58	233	48	174	222	37	54	826

UMW Trade Centers Analysis - Wisconsin

1999 Edition

City	State	Level90	Level99	Population	Total Establishments>>								
					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments	
Abbotsford	WI	5	5	3,397	8	37	14	23	48	6	12	148	
Adams	WI	5	5	3,736	10	39	8	35	33	5	3	133	
Algoma	WI	4	4	5,530	16	72	16	30	67	9	14	224	
Amery	WI	4	4	6,219	30	85	32	76	76	19	14	332	
Amherst	WI	5	5	2,956	14	40	7	19	38	11	8	137	
Antigo	WI	3	3	14,121	40	156	42	85	155	37	48	563	
Appleton	WI	1	1	155,863	360	1,771	444	1,350	1,301	236	427	5,889	
Arcadia	WI	4	4	4,646	13	40	8	22	53	9	9	154	
Ashland	WI	3	3	13,287	26	169	34	112	162	29	16	548	
Athens	WI	4	4	4,709	15	30	11	14	28	10	9	117	
Augusta	WI	5	5	3,151	7	25	11	26	28	3	4	104	
Baldwin	WI	5	4	4,363	22	65	13	30	42	7	21	200	
Baraboo	WI	3	2	16,752	53	227	45	159	185	43	39	751	
Barron	WI	4	4	5,909	11	78	10	44	35	10	14	202	
Bayfield	WI	5	5	2,868	9	43	6	20	36	9	5	128	
Beaver Dam	WI	3	2	19,348	58	243	44	145	211	25	29	755	
Belleville	WI	5	5	4,303	12	35	10	21	19	4	10	111	
Beloit	WI	2	2	47,134	87	395	95	275	277	38	47	1,214	
Berlin	WI	4	3	9,346	32	105	41	56	87	13	24	358	
Big Bend	WI	4	4	4,693	25	38	29	27	26	14	9	168	
Birnamwood	WI	5	5	3,031	12	20	5	10	24	5	5	81	
Black Creek	WI	5	5	4,088	22	25	11	14	31	10	9	122	
Black River Falls	WI	4	3	8,430	15	111	22	77	92	16	14	347	
Bloomer	WI	4	4	6,631	33	80	20	48	60	22	13	276	
Bonduel	WI	5	5	3,465	7	24	6	14	35	13	10	109	
Boscobel	WI	4	4	4,925	18	57	10	31	47	8	12	183	
Brillion	WI	4	5	4,983	9	47	11	36	33	6	9	151	
Bristol	WI	4	4	5,148	20	48	33	21	17	12	10	161	
Brodhead	WI	4	4	6,149	21	56	18	35	55	9	16	210	
Brookfield	WI	3	2	19,456	87	533	103	670	349	51	210	2,003	
Burlington	WI	2	2	24,183	85	289	71	170	175	46	52	888	
Cadott	WI	4	5	4,636	14	42	7	14	20	1	14	112	
Caledonia	WI	5	5	3,802	13	22	10	11	26	9	10	101	
Cambridge	WI	5	4	4,382	18	51	10	37	67	10	8	201	
Cameron	WI	5	5	3,799	15	47	12	14	28	9	6	131	
Campbellsport	WI	4	4	6,371	30	75	11	30	47	13	12	218	
Cedar Grove	WI	5	5	3,405	11	17	8	14	17	11	6	84	
Cedarburg	WI	3	2	17,336	42	185	69	132	157	20	50	655	
Chetek	WI	4	4	5,057	27	89	19	44	46	13	8	246	
Chilton	WI	4	4	7,367	21	107	23	62	53	9	21	296	
Clear Lake	WI	5	5	3,058	12	34	10	23	21	6	8	114	
Clinton	WI	4	5	4,474	12	44	9	22	33	4	11	135	
Clintonville	WI	4	3	9,481	27	81	26	59	89	25	25	332	
Colby	WI	5	5	3,318	6	32	6	9	24	4	8	89	
Colfax	WI	5	5	4,391	8	40	5	19	25	6	5	108	

UMW Trade Centers Analysis - Wisconsin

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City	State	Level90	Level99	Population	Total Establishments>>							
					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Colgate	WI	4	5	4,984	22	18	8	19	15	6	4	92
Columbus	WI	4	4	7,761	28	81	34	43	54	14	23	277
Cornell	WI	5	5	2,841	5	27	14	19	23	4	5	97
Cottage Grove	WI	4	4	6,625	27	53	12	26	34	9	18	179
Crandon	WI	5	5	3,975	14	59	20	35	45	10	2	185
Cross Plains	WI	4	4	5,086	17	50	10	38	35	4	11	165
Cuba City	WI	5	5	4,153	16	39	5	31	32	10	16	149
Cudahy	WI	3	3	19,188	33	158	58	73	129	51	31	533
Cumberland	WI	4	4	5,081	18	65	18	43	60	13	5	222
Darlington	WI	5	4	4,157	14	56	10	41	39	15	19	194
De Forest	WI	3	3	10,993	36	92	19	61	47	19	30	304
Deerfield	WI	5	5	3,643	14	39	13	16	16	14	4	116
Delafield	WI	4	4	6,616	23	90	15	66	81	8	23	306
Delavan	WI	3	2	12,892	50	152	49	111	149	30	41	582
Denmark	WI	4	4	5,895	20	46	15	24	41	9	19	174
Dodgeville	WI	4	4	5,611	21	112	18	68	77	16	20	332
Dousman	WI	4	4	7,385	29	48	16	29	27	6	13	168
Durand	WI	5	4	3,822	14	62	9	29	47	15	10	186
Eagle	WI	4	5	4,823	18	42	9	17	16	5	5	112
Eagle River	WI	4	3	8,661	45	201	33	67	156	18	24	544
East Troy	WI	4	4	8,956	37	80	27	49	45	13	18	269
Eau Claire-Chippewa Falls	WI	1	1	106,671	271	1,210	244	871	910	152	273	3,931
Edgerton	WI	3	4	10,270	17	92	18	50	78	14	18	287
Elkhart Lake	WI	5	5	3,781	11	34	15	15	17	4	7	103
Elkhorn	WI	3	2	14,233	63	194	53	138	115	33	41	637
Ellsworth	WI	4	4	5,687	19	68	8	37	36	9	12	189
Elm Grove	WI	4	4	6,933	9	134	8	174	59	8	42	434
Elroy	WI	5	5	3,217	6	31	10	17	20	9	8	101
Evansville	WI	4	4	6,976	17	62	11	39	39	11	7	186
Fall Creek	WI	5	5	3,945	8	27	5	19	25	5	6	95
Fennimore	WI	5	5	3,561	14	57	6	32	47	9	16	181
Florence	WI	5	5	3,428	7	35	7	22	29	6	3	109
Fond Du Lac	WI	2	2	57,076	119	578	125	402	439	88	107	1,858
Fort Atkinson	WI	3	2	16,051	45	190	45	121	119	36	29	585
Franksville	WI	4	4	6,098	46	56	33	41	35	22	20	253
Frederic	WI	5	5	3,610	18	50	13	23	44	4	9	161
Fredonia	WI	4	4	4,464	14	35	24	27	16	8	11	135
Fremont	WI	5	5	3,542	16	38	7	19	34	9	8	131
Friendship	WI	5	5	4,041	9	38	12	18	35	5	1	118
Galesville	WI	5	5	3,335	12	33	10	19	23	6	12	115
Genoa City	WI	5	5	4,045	17	27	20	12	23	8	9	116
Germantown	WI	3	3	16,600	62	123	122	108	75	25	75	590
Gillett	WI	5	5	4,374	9	37	8	19	24	5	4	106
Grafton	WI	3	3	14,070	39	137	71	104	77	13	49	490
Grantsburg	WI	4	4	5,064	19	56	18	22	46	9	9	179

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					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Green Bay	WI	1	0	194,081	537	1,992	524	1,386	1,543	365	615	6,962
Green Lake	WI	5	5	2,839	16	52	16	32	39	10	8	173
Greendale	WI	3	3	15,343	20	101	33	94	137	7	28	420
Greenleaf	WI	5	5	3,612	17	19	5	14	17	8	10	90
Greenville	WI	5	5	3,865	24	34	17	37	21	1	16	150
Hales Corners	WI	4	3	7,987	17	173	13	106	89	14	23	435
Hartford	WI	3	3	17,702	55	170	60	106	132	24	34	581
Hartland	WI	3	2	16,565	41	192	79	162	79	23	63	639
Hayward	WI	3	3	10,698	49	232	47	92	188	22	19	649
Hillsboro	WI	5	5	3,695	9	38	12	23	24	13	13	132
Holmen	WI	4	4	8,966	27	72	17	43	39	15	14	227
Horicon	WI	4	4	4,894	14	44	14	33	32	15	18	170
Hortonville	WI	4	4	6,499	23	51	14	36	39	9	11	183
Hubertus	WI	4	5	5,022	19	41	9	25	35	4	10	143
Hudson	WI	2	2	20,485	48	247	71	207	151	41	48	813
Hurley	WI	5	5	3,142	9	37	10	33	45	7	8	149
Independence	WI	5	5	2,702	8	27	7	9	22	10	6	89
Jackson	WI	4	4	7,479	23	57	26	23	39	13	12	193
Janesville	WI	2	2	68,736	167	706	162	503	500	96	127	2,261
Jefferson	WI	4	3	9,522	29	89	30	69	75	13	21	326
Juneau	WI	4	5	4,586	7	39	16	18	29	7	6	122
Kaukauna	WI	2	2	21,099	67	160	43	77	120	33	48	548
Kewaskum	WI	4	4	7,693	22	65	18	26	40	19	11	201
Kewaunee	WI	4	4	5,853	21	73	15	27	54	15	5	210
Kiel	WI	4	4	5,597	19	64	26	35	53	8	12	217
Kimberly	WI	4	5	5,772	8	44	15	27	31	4	9	138
La Crosse	WI	2	1	82,039	229	1,012	188	730	797	134	195	3,285
Ladysmith	WI	4	4	7,762	16	94	18	43	69	18	12	270
Lake Geneva	WI	3	2	13,062	59	239	42	169	193	27	46	775
Lake Mills	WI	4	4	7,090	17	80	27	47	53	8	22	254
Lancaster	WI	4	4	6,168	19	80	19	59	53	19	19	268
Little Chute	WI	4	4	8,457	27	64	22	41	63	8	13	238
Lodi	WI	4	4	6,749	27	85	18	47	44	9	13	243
Lomira	WI	5	5	2,920	11	27	13	15	23	8	10	107
Loyal	WI	5	5	3,233	7	22	12	19	22	2	7	91
Luxemburg	WI	4	4	6,258	20	51	13	23	55	11	11	184
Madison	WI	1	0	262,295	465	3,383	616	3,036	1,938	342	663	10,443
Manawa	WI	5	5	3,512	15	38	8	27	29	6	16	139
Manitowoc	WI	2	2	55,766	124	555	149	354	439	90	111	1,822
Marathon	WI	5	5	4,332	3	35	13	11	33	12	15	122
Marinette	WI	2	2	20,936	43	182	48	128	185	36	36	658
Marion	WI	5	5	3,203	10	27	9	23	24	5	14	112
Markesan	WI	5	5	3,917	14	32	13	16	21	7	8	111
Marshall	WI	4	5	5,268	13	33	7	22	28	3	9	115
Marshfield	WI	2	2	27,454	67	305	84	181	271	49	41	998

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					Construction Establishments	Commercial Services Establishments	Manufacturing Establishments	Professional Services Establishments	Retail Establishments	Transportation Establishments	Wholesale Establishments	Total Establishments
Mauston	WI	4	4	8,923	13	91	25	57	83	17	14	300
Mayville	WI	4	4	7,085	19	64	25	32	51	12	10	213
Medford	WI	3	3	10,411	30	137	39	76	129	30	31	472
Menomonee Falls	WI	2	2	30,229	131	367	257	277	242	54	198	1,526
Menomonie	WI	2	2	23,557	41	223	39	151	168	35	45	702
Merrill	WI	2	3	21,645	47	161	57	106	152	36	24	583
Milton	WI	4	4	9,066	41	96	20	46	73	15	17	308
Milwaukee	WI	0	0	986,439	1,513	9,661	2,328	7,857	6,201	1,200	2,363	31,123
Mineral Point	WI	4	4	4,745	16	69	13	32	66	7	13	216
Minocqua	WI	5	3	4,283	45	149	25	83	179	12	12	505
Mondovi	WI	4	4	6,466	20	77	11	44	49	13	18	232
Monroe	WI	3	2	14,412	53	217	51	158	169	36	52	736
Montello	WI	4	4	5,825	15	70	13	22	49	5	9	183
Mount Horeb	WI	4	4	7,280	31	88	15	59	60	12	15	280
Mukwonago	WI	3	3	17,159	64	157	39	92	109	21	24	506
Muscoda	WI	5	5	3,213	8	29	13	13	28	4	7	102
Neillsville	WI	4	4	5,747	30	83	14	44	50	15	18	254
New Berlin	WI	2	2	28,439	99	261	164	222	162	43	176	1,127
New Berlin	WI	4	4	7,320	54	65	25	49	29	13	30	265
New Glarus	WI	5	5	3,176	9	42	7	26	36	4	5	129
New Holstein	WI	4	4	5,810	13	55	19	34	41	12	8	182
New Lisbon	WI	5	5	3,618	10	41	10	22	34	6	9	132
New London	WI	3	3	13,724	34	129	32	79	122	16	25	437
New Richmond	WI	3	3	10,980	39	143	47	87	110	24	33	483
Niagara	WI	4	5	5,693	15	25	10	16	25	12	3	106
Oconomowoc	WI	2	2	27,117	98	319	87	220	215	32	70	1,041
Oconto	WI	4	4	7,979	18	76	22	40	55	14	9	234
Oconto Falls	WI	4	4	5,185	18	56	17	35	48	12	8	194
Omro	WI	4	4	5,405	13	55	12	20	38	8	10	156
Oneida	WI	4	5	4,835	10	34	10	11	13	6	8	92
Oostburg	WI	5	5	4,291	23	35	14	19	20	5	12	128
Oregon	WI	3	3	12,185	45	96	26	68	56	16	20	327
Osceola	WI	4	4	6,138	16	60	25	32	48	4	14	199
Oshkosh	WI	2	2	75,054	152	692	175	540	593	96	153	2,401
Osseo	WI	5	5	4,285	10	43	16	25	42	7	13	156
Pardeeville	WI	4	4	5,939	20	41	10	23	41	8	17	160
Park Falls	WI	4	4	4,963	16	69	18	32	69	8	8	220
Peshtigo	WI	4	4	6,803	8	46	22	24	43	14	10	167
Pewaukee	WI	3	2	18,444	73	179	71	152	131	39	91	736
Phillips	WI	4	4	5,195	23	82	22	57	69	6	14	273
Platteville	WI	3	3	16,173	37	145	22	104	115	16	25	464
Plymouth	WI	3	3	13,445	41	158	38	118	116	25	29	525
Port Washington	WI	3	3	12,870	23	131	41	95	93	22	18	423
Portage	WI	3	3	14,011	53	173	43	117	145	30	32	593
Poynette	WI	4	4	4,790	13	52	15	22	38	7	15	162

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Prairie Du Chien	WI	4	3	8,372	22	127	25	73	120	15	12	394
Prairie Du Sac	WI	4	4	4,575	17	60	13	24	25	5	11	155
Prescott	WI	4	4	5,270	13	55	14	35	40	6	9	172
Princeton	WI	5	5	2,720	16	36	13	21	44	2	10	142
Pulaski	WI	4	4	7,866	23	55	14	25	43	8	18	186
Racine-Kenosha	WI	1	0	241,929	454	1,921	588	1,448	1,645	244	331	6,631
Randolph	WI	5	5	3,351	14	27	10	29	28	5	11	124
Random Lake	WI	5	5	3,613	10	24	15	21	24	8	7	109
Reedsburg	WI	3	3	10,960	33	134	32	84	102	28	23	436
Reedsville	WI	5	5	4,116	17	26	6	11	20	5	8	93
Rhineland	WI	2	2	24,025	77	299	46	174	249	38	40	923
Rice Lake	WI	3	2	15,915	49	228	45	129	182	29	47	709
Richfield	WI	5	5	3,552	25	29	24	22	19	10	15	144
Richland Center	WI	3	3	9,862	26	134	28	106	118	16	30	458
Rio	WI	5	5	2,945	14	18	5	19	15	4	8	83
Ripon	WI	3	3	10,675	31	150	32	98	83	21	27	442
River Falls	WI	3	3	17,678	47	208	41	113	117	20	29	575
Saint Croix Falls	WI	4	4	5,166	16	67	23	51	61	10	11	239
Saint Francis	WI	4	4	8,963	16	57	27	32	39	12	13	196
Salem	WI	4	4	7,528	22	57	11	27	40	13	11	181
Sauk City	WI	4	4	5,274	14	61	17	41	55	7	12	207
Saukville	WI	4	4	6,127	16	49	21	25	31	10	10	162
Seymour	WI	4	4	7,509	26	58	18	31	33	13	12	191
Shawano	WI	3	2	16,631	61	192	40	124	196	33	40	686
Sheboygan	WI	2	2	70,664	155	714	199	462	526	94	134	2,284
Shell Lake	WI	5	5	3,775	9	34	10	12	20	9	6	100
Siren	WI	5	5	2,869	14	56	10	35	50	6	5	176
Slinger	WI	4	4	6,670	32	74	30	31	49	19	17	252
Somerset	WI	5	4	4,364	25	57	23	28	29	12	7	181
South Milwaukee	WI	2	3	21,728	31	138	28	77	97	15	19	405
Sparta	WI	3	3	15,215	48	163	42	109	128	30	34	554
Spencer	WI	5	5	4,280	12	22	17	14	26	5	6	102
Spooner	WI	4	4	7,229	26	119	17	64	89	14	20	349
Spring Green	WI	5	5	3,831	16	69	12	30	52	11	11	201
Stanley	WI	5	5	3,840	5	42	15	26	32	6	6	132
Stevens Point	WI	2	2	50,486	119	514	93	325	400	93	96	1,640
Stoughton	WI	3	3	17,349	61	176	41	80	107	18	22	505
Stratford	WI	5	5	4,355	13	38	12	18	24	3	14	122
Sturgeon Bay	WI	3	2	17,996	69	283	65	159	209	31	48	864
Sun Prairie	WI	2	2	23,243	78	205	51	153	135	36	71	729
Superior	WI	2	2	32,646	59	334	70	220	293	66	67	1,109
Sussex	WI	3	3	15,512	54	90	59	67	59	17	27	373
Thorp	WI	4	5	4,616	17	40	12	23	43	13	7	155
Tomah	WI	3	3	13,950	36	142	26	84	132	31	25	476
Tomahawk	WI	4	3	8,178	37	130	26	51	138	21	17	420

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Twin Lakes	WI	4	4	5,768	28	59	15	42	46	5	10	205	
Union Grove	WI	4	4	8,291	35	72	24	47	54	17	26	275	
Verona	WI	3	3	11,444	59	142	23	79	61	16	33	413	
Viroqua	WI	4	4	8,378	28	92	15	73	80	12	18	318	
Walworth	WI	5	4	4,306	17	60	27	27	50	9	11	201	
Washburn	WI	4	5	4,605	15	52	8	19	25	6	7	132	
Waterford	WI	3	3	13,977	69	103	26	75	86	30	25	414	
Waterloo	WI	4	5	4,726	11	32	20	26	29	10	12	140	
Watertown	WI	3	2	16,675	50	184	65	111	167	21	37	635	
Watertown	WI	3	4	10,579	22	83	13	33	21	10	18	200	
Waunakee	WI	3	3	12,090	78	122	40	78	60	15	25	418	
Waupaca	WI	3	3	13,521	50	197	43	100	153	25	26	594	
Waupun	WI	3	3	12,778	23	109	21	67	67	19	24	330	
Wausau	WI	2	1	86,202	225	928	215	674	742	181	262	3,227	
Wautoma	WI	4	4	5,890	22	95	18	53	72	11	11	282	
Webster	WI	5	5	3,110	20	48	11	29	50	6	6	170	
West Bend	WI	2	2	35,153	66	265	75	230	221	43	63	963	
West Bend	WI	4	3	7,843	52	97	44	56	59	23	32	363	
West Salem	WI	4	4	6,266	15	58	8	47	38	11	18	195	
Westby	WI	5	5	4,192	14	40	7	34	23	8	8	134	
Weyauwega	WI	4	4	4,755	22	41	11	19	34	7	11	145	
Whitehall	WI	5	5	3,222	5	33	7	17	24	8	9	103	
Whitewater	WI	3	3	19,006	29	119	28	106	102	23	28	435	
Winneconne	WI	5	5	3,753	19	45	16	20	28	8	4	140	
Wisconsin Dells	WI	4	3	7,446	38	255	23	82	156	16	16	586	
Wisconsin Rapids	WI	2	2	44,803	127	466	88	303	399	84	97	1,564	
Wittenberg	WI	5	5	3,211	10	42	10	22	34	9	7	134	
Woodruff	WI	4	4	5,914	35	72	15	42	63	9	9	245	



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