

APPENDIX 1-C: DETAILED POPULATION PROJECTION 1970-2030

Population by Historic and Projected Annual Growth Rate: 1970-2030

Year	1970-1980	1980-1990	1990-2000	1970-2007	Year	1970-1980	1980-1990	1990-2000	2000-2007	1970-2007	2007-2030	2007-2030	2007-2030
	Historic Growth Rates					Historic Growth Rates					Alt. Growth Rates		
	3.64%	4.88%	2.75%	4.05%		3.64%	4.88%	2.75%	5.30%	4.05%	2.70%	3.80%	5.00%
1970	2,334			2,334	2000	6,822	8,651	7,049	7,052	7,671			
1971	2,419			2,428	2001	7,071	9,073	7,243	7,426	7,982			
1972	2,507			2,527	2002	7,328	9,516	7,442	7,819	8,304			
1973	2,598			2,629	2003	7,595	9,981	7,646	8,234	8,640			
1974	2,693			2,735	2004	7,871	10,468	7,857	8,670	8,990			
1975	2,791			2,846	2005	8,158	10,979	8,073	9,130	9,354			
1976	2,892			2,961	2006	8,454	11,514	8,295	9,614	9,732			
1977	2,998			3,081	2007	8,762	12,076	8,523	10,123	10,126	10,125	10,125	10,125
1978	3,107			3,206	2008	9,081	12,665	8,757	10,660	10,536	10,398	10,510	10,631
1979	3,220			3,335	2009	9,412	13,284	8,998	11,225	10,962	10,679	10,909	11,163
1980	3,337	3,336		3,470	2010	9,754	13,932	9,246	11,819	11,406	10,967	11,324	11,721
1981	3,459	3,499		3,611	2011	10,109	14,612	9,500	12,446	11,867	11,264	11,754	12,307
1982	3,585	3,670		3,757	2012	10,477	15,325	9,761	13,105	12,347	11,568	12,201	12,922
1983	3,715	3,849		3,909	2013	10,859	16,073	10,030	13,800	12,847	11,880	12,664	13,568
1984	3,850	4,036		4,067	2014	11,254	16,857	10,305	14,531	13,367	12,201	13,145	14,247
1985	3,990	4,233		4,231	2015	11,664	17,679	10,589	15,302	13,907	12,530	13,645	14,959
1986	4,136	4,440		4,403	2016	12,088	18,542	10,880	16,113	14,470	12,869	14,164	15,707
1987	4,286	4,657		4,581	2017	12,528	19,447	11,179	16,967	15,055	13,216	14,702	16,493
1988	4,442	4,884		4,766	2018	12,984	20,396	11,487	17,866	15,665	13,573	15,260	17,317
1989	4,604	5,122		4,959	2019	13,457	21,391	11,802	18,813	16,298	13,939	15,840	18,183
1990	4,771	5,372	5,374	5,160	2020	13,947	22,435	12,127	19,810	16,958	14,316	16,442	19,092
1991	4,945	5,634	5,522	5,368	2021	14,454	23,530	12,460	20,860	17,644	14,702	17,067	20,047
1992	5,125	5,909	5,674	5,585	2022	14,980	24,678	12,803	21,965	18,358	15,099	17,716	21,049
1993	5,312	6,198	5,830	5,811	2023	15,526	25,883	13,155	23,129	19,101	15,507	18,389	22,102
1994	5,505	6,500	5,990	6,047	2024	16,091	27,146	13,517	24,355	19,873	15,925	19,088	23,207
1995	5,705	6,817	6,155	6,291	2025	16,677	28,471	13,889	25,646	20,677	16,355	19,813	24,367
1996	5,913	7,150	6,324	6,546	2026	17,284	29,860	14,271	27,005	21,514	16,797	20,566	25,585
1997	6,128	7,499	6,498	6,811	2027	17,913	31,317	14,663	28,437	22,385	17,251	21,347	26,865
1998	6,351	7,865	6,677	7,086	2028	18,565	32,845	15,066	29,944	23,290	17,716	22,158	28,208
1999	6,583	8,249	6,860	7,373	2029	19,241	34,448	15,481	31,531	24,233	18,195	23,000	29,618
					2030	19,941	36,129	15,906	33,202	25,213	18,686	23,874	31,099

Source: U. S. Census Bureau, Wisconsin Department of Administration and Planning Consultant

Discounted Least-Squares Regression

Discount Factor = 1.00

Verona Urban Service Area

T	Weight	Year X	Population Y	Weight X1	Year*Weight X2	Pop*Weight Y1	Predicted Population	Decade Change	Dane County Revised
		1970					0.6%	1,644	290,292
		1980	1.06%				1.0%	3,208	323,545
3	1.00	1990	1.47%	1.00	1,990	0	1.4%	5,200	367,085
1	1.00	2000	1.71%	1.00	2,000	0	1.8%	7,856	426,526
0	1.00	2007	2.22%	1.00	2,007	0	2.1%	10,024	468,514
		2010	0				2.27%	10,996	485,060
		2015					2.48%	12,686	511,600
		2020					2.69%	14,488	538,140
		2025					2.90%	16,403	564,680
		2030					3.12%	18,431	591,219

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.955458143
R Square	0.912900263
Adjusted R Square	0.174199474
Standard Error	0.001587019
Observations	3

<i>ANOVA</i>					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	2.6398E-05	1.3199E-05	5.240545453	#NUM!
Residual	1	2.51863E-06	2.51863E-06		
Total	3	2.89166E-05			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
X Variable 1	0.832012306	0.262555447	3.168901331	0.194599616	4.168081278	2.504056667	4.168081278	2.504056667
X Variable 2	0.000425215	0.000131343	3.237451298	0.190723686	0.001243644	0.002094074	0.001243644	0.002094074